



# **Report to the North Carolina General Assembly: An Impact Analysis of Student Learning During the COVID-19 Pandemic**

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Findings from the third-party entity contract to collect, analyze, and report data related to overall impacts of COVID-19 on public school units.

*SL2021-3, HB196, Section 1.2. S.L. 2021-1 is amended by adding Section 5A (4)*

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# 1 Executive Summary

During the 2019-20 and 2020-21 school years, the COVID-19 pandemic dramatically impacted traditional methods of student learning. Traditional methods of delivery were uprooted by school closures and an unplanned shift to remote learning. Understanding the extent of the impact of students' lost instructional time and how it can vary among student groups – is critical to understanding current education needs and developing recovery plans to meet those needs.

To further this understanding about the impact of students' lost instructional time, the North Carolina Department of Public Instruction (NCDPI) and SAS Institute Inc. (SAS) collaborated to leverage existing student assessment data and yield insight into how the pandemic disrupted student learning.

Although the pandemic's impacts are likely far-ranging across many domains, this report focuses on an Impact Analysis that assesses student performance and lost instructional time by comparing students' pre-pandemic expected performance with their post-pandemic actual performance in the 2020-21 school year.

More specifically, this analysis uses student projections to the 2020-21 school year, which represents their pre-pandemic expected performance based on the average schooling experience and then compares these projections to students' actual performance on the 2020-21 statewide assessments. A negative difference indicates that students did not perform as expected based on their pre-pandemic learning trajectories, and this information is disaggregated by subject, grade, district, school and/or different student groups to identify whether certain student groups experienced bigger changes in expected performance than other student groups.

This report focuses on two key questions at the state-level:

- Question 1: To what extent do students' pre-pandemic trajectories and their actual performance results vary by subgroup and contextual factors?
- Question 2: How do any observed differences compare to historical trends?

The impact analysis incorporates additional data variables to investigate student performance and learning across targeted areas of exploration to assess differences patterns in learning:

- Across subjects and grades
- Across geographic regions and urbanicity indicators
- Across student subpopulations such as those in a specific demographic category or socioeconomic status
- According to students' entering achievement
- According to students' education delivery such as in person, virtual, etc.

Using these strategies offers NCDPI empirical results to realistically assess the impact of lost instructional time and more effectively monitor students' recovery during the 2020-21 school year and beyond.

The analysis presented below used the state's summative assessment data from end-of-grade (EOG), end-of-course (EOC), early grades (mCLASS), and college readiness (ACT) assessments. Where available, the analysis used data from prior years through the 2020-21 school years as historical data was used to establish students' projected performance as well as to provide context for interpreting the 2020-21 findings.

NCDPI's findings from this analysis include:

- On average, at the state level, all students were significantly impacted by the pandemic and lost instructional time. Results show that there was a negative impact for all students, for all grades, for almost every subject (except English II), and especially for Math (5th–9th) and Science (5th and 8th).
- On average, students' performance on the ACT was less impacted by the pandemic than on the North Carolina EOG and EOC tests.
- High school students were less negatively impacted by remote instruction compared to elementary and middle school students.
- On average, at the state level, there was no meaningful difference between traditional and charter schools. Most students made less progress during the pandemic than they did in previous years.
- On average, students who were chronically absent performed significantly worse than expected compared to students who were not, especially for Reading grade 4, Science grade 5, Math grades 5 and 8.
- On average, at the state level, female students underperformed compared to male students across racial/ethnic groups.
- On average, AIG students underperformed compared to the general student population across racial/ethnic groups.
- Students who returned to the classroom for face-to-face learning and where specific and targeted resources and supports were immediately put in place, particularly for students with disabilities and English learners, did better than the students whose instruction was purely remote and who were physically disengaged from their school community.

To address questions that emerged from field about teachers and principals during the pandemic, the analysis includes two additional components:

- Was teaching effectiveness and longevity *before* the pandemic related to the pandemic's impact on student learning?
- Was principal effectiveness and longevity at their pandemic school related to the pandemic's impact on student learning?

There are many different ways to consider these questions, and this analysis focused on student growth, given the available data and other areas of exploration in this report. The initial findings from this analysis include:

- Students linked to teachers identified as effective prior the pandemic experienced less impact during the pandemic than students linked to teachers identified as less effective prior the pandemic. In other words, while there was lost instructional time observed among all students, on average, there was less impact observed among students linked to teachers who were identified as effective prior to the pandemic.
- Students linked to teachers and principals who had been at their school more than three years, was moderately related to mitigating the negative effects of the pandemic on students' performance.

These initial findings suggest that the impact of the pandemic on student achievement was much more related to their teachers than to their principals.

The following sections provide more details about the data used, methods of analysis, results, and interpretation of the results for the Impact Analysis. State-level student and aggregated files are provided separately to NCDPI and to individual LEAs via secure file transfer protocol accounts.

## 2 Data

### 2.1 Data Received

The analysis in this report leveraged student-level assessment data, where available, from 2007-2008 through the 2020-21 school year in order to compile a longitudinal data set based on the following assessments:

- EOG Mathematics in grades 3–8 (Note: Grades 3-4 were used as predictors only; no projections were made to these assessments)
- BOG Reading in grade 3 (Note: These scores were used as predictors only; no projections were made to this assessment)
- EOG Reading in grades 3–8
- EOG Science in grades 5 and 8
- EOC Biology, English II, Math 1 and Math 3
- mCLASS in grades K-2 (used as predictors only)
- ACT assessments in English, Math, Reading, and Science

The state EOG tests are administered in the spring semester whereas the EOC assessments are typically given at the end of the fall and spring semesters with the occasional summer administration. The BOG Reading in grade 3 assessment is given at the start of the fall semester. The mCLASS assessments are administered in equal intervals three times throughout the year.

For each administration, SAS used the following student identifiers, assessment data, and district/school/student flags; definitions of these identifiers and flags are available in Appendix A:

- Student Identifiers
  - Student Last Name
  - Student First Name
  - Student Middle Initial
  - Student Date of Birth
  - Student Identification Number
- Assessment Information
  - Scale Score
  - Test Taken
  - Tested Grade
  - Test Semester
  - School Number
  - District Number
  - Administration Window
- Student Flags
  - Academically or Intellectually Gifted (Y, N)
  - Gender (M, F)
  - English Learners (EL) (Y, N)
  - Economically Disadvantaged Students (Y, N)
  - Students with Disabilities (Y, N)
  - Homeless (Y, N)
  - Military Connected (Y, N)



- Chronically Absent (Y, N)
- Foster Student (Y,N)
- Justice Involved (Y, N)
- Migrant Student (Y, N)
- Education Delivery
  - In-Person/Remote Delivery
  - Number of Days Absent
- Race
  - American Indian/Alaskan Native
  - Asian/Pacific Islander
  - Black (not Hispanic)
  - Hispanic
  - Two or More Races
  - White (not Hispanic)
  - Other
- District/School Flags
  - School A-F Performance Grades
  - School Designation (Public, Charter, Laboratory, Regional)
  - School Percentage Connectivity
  - State Board Region Name
  - Urbanicity
  - Education Delivery
    - Number of Days Hybrid/Blended
    - Number of Days In-Person
    - Number of Days Remote
- Teacher Information
  - Teacher Identification (name, unique identification number)
  - Student Linking Information
    - Student Last Name
    - Student First Name
    - Unique Student Identification Number (USID)
  - Course information linked to a tested subject via a course to subject mapping provided by NCDPI
  - District and School information (numbers)
  - Percentage of instructional responsibility derived from roster verification in the EVAAS web application, a process of reviewing, modifying and verifying rosters and instructional responsibility
  - Role/object code from Payroll data provided by NCDPI
- Principal information
  - Principal Identification (name, unique identification number)
  - District/school number
  - Role/object code from Payroll data provided by NCDPI

SAS merged the individual student records over time using an algorithm that incorporated all student identifiers to create a longitudinal database that tracks individual students' performance across grade levels on state assessments each year. As explained in [Section 3](#), student flags were not included in the analysis for determining students' projected performance but were used to aggregate students into

different student groups for comparison. Furthermore, some student flags are used to generate school-level variables that indicate the school's concentration of student composition in the form of quartiles. For example, the student-level Economically Disadvantaged flag was used to create quartiles based on the percentage of the school's students who are considered Economically Disadvantaged.

## **2.2 Business Rules**

In creating the longitudinal database, the following business rules were applied regarding student scores.

### **2.2.1 Missing Grade**

In North Carolina, the grade used in the analyses and reporting is the tested grade, not the enrolled grade. If a grade is missing on an early grade or end-of-grade test record, then that record will be excluded from all analyses. The grade is required to include a student's score in the appropriate part of the models.

### **2.2.2 Duplicate (Same) Scores**

If a student has a duplicate score for a particular subject and tested grade in a given testing period in a given school, then the extra score will be excluded from the analysis.

### **2.2.3 Students with Missing Districts or Schools for Some Scores but Not Others**

If a student has a duplicate score with a missing district or school for a particular subject and grade or course in a given testing period, then the duplicate score that has a district and/or school will be included over the duplicate score that has the missing data.

### **2.2.4 Students with Multiple (Different) Scores in the Same Testing Administration**

If a student has multiple scores in the same period for a particular subject and grade or course and the test scores are not the same, then those scores will be excluded from the analysis. If duplicate scores for a particular subject and tested grade in a given testing period are at different schools, then both scores will be excluded from the analysis. The highest composite combination of ACT subjects is used for ACT value-added and student college readiness projections. For grade 3 Reading and Math scores, the most recent score is used.

### **2.2.5 Students with Multiple Grade Levels in the Same Subject in the Same Year**

A student should not have different tested grade levels in the same subject in the same year. If that is the case, then the student's records are checked to see whether the data for two separate students were inadvertently combined. If this is the case, then the student data are adjusted so that each unique student is associated with only the appropriate scores. If the scores appear to all be associated with a single unique student, then scores that appear inconsistent are excluded from the analysis. For the historical data based on K-2 scores, the analysis excludes K-2 students with a grade change.

### **2.2.6 Students with Records That Have Unexpected Grade Level Changes**

If a student skips more than one grade level (e.g., moves from sixth in 2018 to ninth in 2019) or is moved back by one grade or more (i.e., moves from fourth in 2018 to third in 2019) in the same subject, then the student's records are examined to determine whether two separate students were inadvertently combined. If this is the case, then the student data is adjusted so that each unique student is associated

with only the appropriate scores. These scores are removed from the analysis if it is the same student. Per DPI's decision, the analysis does not remove students with scores that appear to be associated with inconsistent grades. The analysis leaves students in the analysis at the tested grade that EVAAS receives from DPI.

### **2.2.7 Students with Records at Multiple Schools in the Same Test Period**

If a student is tested at two different schools in a given testing period, then the student's records are examined to determine whether two separate students were inadvertently combined. If this is the case, then the student data is adjusted so that each unique student is associated with only the appropriate scores. When students have valid scores at multiple schools in different subjects, all valid scores are used at the appropriate school.

### **2.2.8 Outliers**

Student assessment scores are checked each year to determine whether they are outliers in context with all the other scores in a reference group of scores from the individual student. These reference scores are weighted differently depending on proximity in time to the score in question. Scores are checked for outliers using related subjects as the reference group. For example, when searching for outliers for EOC Math test scores, all EOG and EOC Math subjects are examined simultaneously, and any scores that appear inconsistent, given the other scores for the student, are flagged. Outlier identification for college readiness assessments use all available college readiness data alongside state assessments in the respective subject area (e.g., Math subjects with EOC, EOG, and PSAT tests might be used to identify outliers with ACT). Lastly, K-2 data are used solely for outlier identification with K-2.

Scores are flagged in a conservative way to avoid excluding any student scores that should not be excluded. Scores can be flagged as either high or low outliers. It should also be noted that test scores within a year, subject and grade are normalized before checking begins. This helps mitigate any unnecessary flagging of outliers due to a year of assessments shifting across the state as might happen in 2021.

This process is part of a data quality procedure to ensure that no scores are used if they were, in fact, errors in the data, and the approach for flagging a student score as an outlier is fairly conservative. Again, students were expected to score lower in 2021 due to the pandemic, and this process is more about flagging data that might be erroneous.

Considerations included in outlier detection are:

- Is the score in the tails of the distribution of scores? Is the score very high or low achieving?
- Is the score "significantly different" from the other scores as indicated by a statistical analysis that compares each score to the other scores?
- Is the score also "practically different" from the other scores? Statistical significance can sometimes be associated with numerical differences that are too small to be meaningful.
- Are there enough scores to make a meaningful decision?

To decide whether student scores are considered outliers, all student scores are first converted into a standardized normal Z-score. Then each individual score is compared to the weighted combination of all the reference scores described above. The difference of these two scores provides a t-value of each comparison. Using this t-value, the models can flag individual scores as outliers.

There are different business rules for the low outliers and the high outliers, and this approach is more conservative when removing a very high-achieving score.

For low-end outliers, the rules are:

- The percentile of the score must be below 50.
- The t-value must be below -3.5 for EOGs in Math and Reading when determining the difference between the score in question and the weighted combination of reference scores (otherwise known as the comparison score). In other words, the score in question must be at least 3.5 standard deviations below the comparison score. For EOC and EOG Science assessments, the t-value must be below -4.0
- The percentile of the comparison score must be above a certain value. This value depends on the position of the individual score in question but will range from 10 to 90 with the ranges of the individual percentile score.

For high-end outliers, the rules are:

- The percentile of the score must be above 50.
- The t-value must be above 4.5 for EOGs in Math and Reading when determining the difference between the score in question and the reference group of scores. In other words, the score in question must be at least 4.5 standard deviations above the comparison score. For EOC and EOG Science assessments, the t-value must be above 5.0.
- The percentile of the comparison score must be below a certain value. This value depends on the position of the individual score in question but will need to be at least 30 to 50 percentiles below the individual percentile score.
- There must be at least three scores in the comparison score average.

### **2.2.9 Membership**

To include as many students as possible and given the research purpose of the analysis, students were not excluded based on membership, a designation based on student enrollment at a school and used for accountability purposes.

### **2.2.10 First Year English Learner**

Given the research purpose of the analysis and need for historical data to calculate a pre-pandemic projection, students were excluded based on first year English Learner designation. Students who were flagged as English Learner after their first year were included in the analysis.

Based on the business rules in this section and the analytic criteria outlined in the next section (such as the three-predictor minimum), 3,143,764 test records out of a total 3,394,169 were included in this analysis, which is about 93%. NCDPI has made more details available about student participation rates in the 2020-21 school year here: <https://www.dpi.nc.gov/media/12854/download?attachment>.

## 3 Methods of Analysis

### 3.1 Overview

This report focuses on a comparison between students' projected 2021 performance prior to the pandemic with their actual 2021 performance as a viable method to assess lost instructional time. In order to provide this assessment, this analysis engaged in five key steps:

1. **The most recent cohort of students from the 2018-19 school year is used to establish the pre-pandemic experience.** A model is constructed with this cohort of students where the response variables are each individual subject and grade on the 2018-19 school year regressed on the prior testing histories of that students. Establishing the relationships of past tests to this current 2018-19 test determines the pre-pandemic experience or, in other words, an expected score on the response given a specific set of prior testing data.
2. **Students' prior assessment data (2018-19 and earlier) is used to establish a projected or expected score on a future assessment (2020-21).** This projection is based on the students' own prior testing history as well as how the cohort of students who just took the assessment prior to the pandemic performed. In other words, the students with testing data in 2020-21 use their previous tests (2018-19 and earlier) as independent variables in the model established in the step above. For example, a student who last tested as a third grader in 2018-19 might have a projected score of 548 on the next summative assessment as a fifth grader in 2020-21.
3. **Projected scores represent students' expected or average progress trajectories prior to the pandemic.** Each student receives a projected score based on their prior testing history, which assumes that each student had an "average" schooling experience. An average schooling experience in this study is determined by the observed progress of students who took the assessment prior to the pandemic. While schooling experiences inevitably vary across the state in any given year, the analysis uses the average schooling experience to avoid assumptions that certain students will have more than or less than the average schooling experience during the pandemic year and to avoid assumptions that students at individual schools would have the same schooling experience during the pandemic as they had prior to the pandemic.
4. **With assessment data available during the 2020-2021 school year, it is possible to compare a student's trajectory prior to the pandemic to the student's current performance.** The student's projected score is compared to the current score for the same tested content area. Although the projected score is based on the average pre-pandemic schooling experience, the 2020-21 school year is likely to be different because of the pandemic. This comparison will indicate the extent to which students have experienced lost instructional time and diverged from their projected trajectory established prior to the pandemic.
5. **The individual student scores can be aggregated among students to assess the pandemic's impact on specific student groups.** This aggregation may yield insights into patterns among student subpopulations, subjects, and grades.

This approach was conducted for the most recent year of assessment data (2020-21 school year) as well as using historical years to provide context for interpreting results. The historical analysis made projections to the 2017-18 and 2018-19 school years using prior test scores from 2016-17 and earlier school years to define the average schooling experience. The historical analysis considered multiple years as a comparison due to changes in the assessments' content standards and state administration policies.

The sections below provide a more technical explanation of the analytic approach as well as business rules. The [Results](#) section summarizes these differences and provides a few ways to contextualize and interpret them.

### 3.2 Determining Students' Projected Scores

As part of the current EVAAS reporting for NCDPI, SAS provides student projections to future statewide assessments, such as the EOG and EOC. This information indicates students' likely performance on future tests based on their prior performance given an "average" schooling experience, and the projections are a resource for educators to plan for students' future success.

The analysis for this report uses a similar methodology to provide student projections to their 2020-21 state assessments. The model provides a projected score for each student based on that student's prior testing performance and assuming the average schooling experience of the most recent cohort of test takers, which was defined prior to the pandemic.

This modeling approach offers the following statistical advantages:

- Projected scores based on multiple scores are more reliable estimates of where students might perform than just a single prior test score. They include more predictive information about students' future performance than the prior year's single score by incorporating multiple subjects, grades, and years of data.<sup>1</sup> This mitigates challenges with measurement error.
- The model does not require students to have all predictors or the same set of predictors as long as a student has at least three prior test scores in any subject and grade. This flexibility is critical in avoiding selection bias as more students can be included in the model itself, even if they have missing data.

These advantages are important features for creating reasonable expectations of student performance for the purposes of this analysis.

It should be noted that, historically in North Carolina and in the other states that use the SAS projection model, it is not necessary to add demographic or socioeconomic indicators into the projection model because, to the extent that these factors influence student performance, they are captured indirectly in the students' prior test scores. Other researchers have reported similar findings in their assessments of value-added models (which are similar to the projection model in their construction and use of prior test scores).

As a 2004 Education Trust study stated, specifically with regards to the SAS EVAAS value-added modeling, which again has a similar use of prior test scores to the projection model in this analysis:

[I]f a student's family background, aptitude, motivation, or any other possible factor has resulted in low achievement and minimal learning growth in the past, all that is taken into account when the system calculates the teacher's contribution to student growth in the present.<sup>2</sup>

UCLA researchers Kilchan Choi, Pete Goldschmidt, and Kyo Yamashiro reported:

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<sup>1</sup> See, for example, data and results from Ohio's Growth Model Application and Information available at:

<https://www2.ed.gov/admins/lead/account/growthmodel/oh/index.html>.

<sup>2</sup> Carey, Kevin. 2004. "The Real Value of Teachers: Using New Information About Teacher Effectiveness to Close the Achievement Gap." *Thinking K-16* 8(1):27.

First, adding in an adjustment for student SES (as measured by eligibility for free- or reduced-price lunch) adds very little once a student's initial status is controlled...This indicates that student initial status captures many of the effects that SES is attempting to measure. In other words, by controlling for initial status, the model already captures the preceding effects that SES might have on students.<sup>3</sup>

For this analysis, there is indication that specific student groups had different experiences during the pandemic that are related to their student characteristics. To investigate these differences, the projection model in this analysis does not include demographic or socioeconomic indicators. However, the aggregation of student residuals based on student characteristics will indicate their potential impact or relationship to lost instructional time.

More specifically, the projection model is an analysis of covariance (ANCOVA) model. The model parameters are established using the most recent cohort of test takers of that assessment prior to the pandemic. The response variable ( $y$ ) is the observed score of students from the 2018-19 year, the covariates ( $x$ s) are scores on tests the student has already taken up to that point, and the categorical variable is the school at which the student received instruction in the subject, grade, and year of the response variable ( $y$ ). Algebraically, the model can be represented as follows for the  $i^{th}$  student.

$$y_i = \mu_y + \alpha_j + \beta_1(x_{i1} - \mu_1) + \beta_2(x_{i2} - \mu_2) + \dots + \epsilon_i \quad (1)$$

The  $\mu$  terms are means for the response and the predictor variables.  $\alpha_j$  is the school effect for the  $j^{th}$  school, the school attended by the  $i^{th}$  student. The  $\beta$  terms are regression coefficients. Projections to the future are made by using this equation with estimates for the unknown parameters ( $\mu$ s,  $\beta$ s, sometimes  $\alpha_j$ ). The parameter estimates (denoted with carets or "hats," e.g.,  $\hat{\mu}$ ,  $\hat{\beta}$ ) are obtained using the cohort of test takers in the 2018-19 school year with their observed tests as the response variables. These estimates are then used to establish a projection for students based on the experiences of students in a normal year (2018-19) prior to the pandemic. The resulting projection equation for the  $i^{th}$  student is as follows:

$$\hat{y}_i = \hat{\mu}_y + \hat{\beta}_1(x_{i1} - \hat{\mu}_1) + \hat{\beta}_2(x_{i2} - \hat{\mu}_2) + \dots + \epsilon_i \quad (2)$$

The corresponding  $\hat{\alpha}_j$  term from equation (1) is omitted to assume the "average schooling experience" such that the average schooling experience equates to the average progress observed among the population of test-takers with the average school across the state from the 2018-19 school year for each tested content area.

To state again, parameter estimates (i.e.,  $\hat{\mu}$ ,  $\hat{\beta}$ ) were derived using the 2018-19 cohort of test takers to create projections out to the 2020-2021 school year using data up through the 2018-19 data as predictors ( $x$ ). For historical comparisons, parameter estimates (i.e.,  $\hat{\mu}$ ,  $\hat{\beta}$ ) were derived using the 2016-17 cohort of test takers to create projections out to the 2017-18 school year using data up through the 2016-17 school year as predictors ( $x$ ). They were also used to create projections out to the 2018-19 school year using data up through the 2017-18 school year.

Two difficulties must be addressed to implement the estimation and use of this model. First, not all students will have the same set of predictor variables due to missing test scores. Second, because this is

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<sup>3</sup> Choi, Kilchan, Pete Goldschmidt, and Kyo Yamashiro. 2006. Exploring Models of School Performance: From Theory to Practice (CSE Report 673) Los Angeles, CA: National Center for Research on Evaluation, Standards, and Student Testing (CRESST), 24.

an ANCOVA model with school as a random effect, the regression coefficients must be “pooled-within-school” regression coefficients. The strategy for dealing with missing predictors is to estimate the joint covariance matrix ( $C$ ) of the response and the predictors. Let  $C$  be partitioned into response ( $y$ ) and predictor ( $x$ ) partitions, that is,

$$C = \begin{bmatrix} c_{yy} & c_{yx} \\ c_{xy} & c_{xx} \end{bmatrix} \quad (3)$$

This matrix is estimated using the Expectation Maximization algorithm for estimating covariance matrices in the presence of missing data provided by the Multiple Imputation procedure in SAS/STAT® (although no imputation is actually used). It should also be noted that, because this model is an ANCOVA model,  $C$  is a pooled-within school covariance matrix. This is accomplished by providing scores to the EM algorithm that are centered around group means (i.e., the group means are subtracted from the scores) rather than around grand means. Obtaining  $C$  is an iterative process since group means are estimated within the EM algorithm to accommodate missing data. Once new group means are obtained, another set of scores is fed into the EM algorithm again until  $C$  converges. This overall iterative EM algorithm is what accommodates the two difficulties mentioned above. The estimation only includes students who had a test score for the response variable in the most recent administration *and* who had at least three predictor variables. Given such a matrix, the vector of estimated regression coefficients for the projection equation (2) can be obtained as:

$$\hat{\beta} = C_{xx}^{-1} c_{xy} \quad (4)$$

This allows one to use whichever predictors a student has to get that student’s projected  $y$ -value ( $\hat{y}_i$ ). Specifically, the  $C_{xx}$  matrix used to obtain the regression coefficients *for a particular student* is that subset of the overall  $C$  matrix that corresponds to the set of predictors for which this student has scores. Once the parameter estimates for the projection equation have been obtained, projections can be made for any student with any set of predictor values. Again, to protect against bias due to measurement error in the predictors, projections are typically made only for students who have at least three available predictor scores.

The table below summarizes the data used to generate projections representing a pre-pandemic average schooling experience.

**Table 1: Data Used to Determine Students’ Projected Score**

Projected score in SY20-21 on...	Prior years’ data through SY18-19 used to calculate projected score
EOG Reading for grades 3 and 4*	mCLASS in grades K-2 BOG Reading in grade 3
EOG Reading and Math for grades 5-8	EOG Reading and Math in grades 3-6** EOG Science in grade 5
EOG Science for grade 8	EOG Reading and Math in grades 3-6** EOG Science in grade 5



Projected score in SY20-21 on...	Prior years' data through SY18-19 used to calculate projected score
EOC Biology, English II, NC Math 1 and NC Math 3	EOG Reading and Math in grades 3-8*** EOG Science in grades 5 and 8***
ACT assessments in English, Math, Reading, and Science	EOG Reading and Math for grades 3-8 EOG Science in grades 5 and 8 EOC Biology, English II, Math 1 and Math 3

**\*Note: Projections were not made to EOG Math in grades 3 and 4 because the available predictors for the 2020-21 cohort of students were based solely in the Reading content area and were much lower in those subject/grades than they were for other subject/grades. More specifically, the correlation between predictors and actual scores for EOG Math in grades 3 and 4 was about 0.60 compared to 0.80 for most subjects and grades.**

**\*\*Note: Due to suspended assessments in the SY19-20, EOG Reading and Math scores were not available from grade 7 to make projections to SY20-21 EOG Reading, Math and Science in grade 8.**

**\*\*\*Note: Due to suspended assessments in the SY19-20, EOG Reading, Math and Science scores from grade 8 are not available to use as predictors for students who were enrolled in grade 8 in SY19-20 and took an EOC test in SY20-21.**

In this analysis, student scores from the 2018-19 school year were used as the response to create the underlying parameter estimates in the projection equations. These parameter estimates define the relationships between prior tests or predictors and the response subject and grade. In other words, these relationships indicate how one test can provide information about where students are likely to score on another test. The set of predictors that were considered in each of these models are listed above in Table 1. Once these parameter estimates were obtained, these models were used to create projected scores for the 2020-21 school year using predictor test scores up through the 2018-19 school year. This creates a projected score for students who tested during the 2020-21 school year that was based on experiences or relationships defined prior to the pandemic and their own individual set of prior testing history.

Note that, based on empirical data, there are observed differences in the projection model for NC Math 1 depending on whether the student took that assessment in middle school or high school. As a result, there are two separate pools to establish the projections and parameters for NC Math 1: one based on middle school test takers and the other based on high school test takers.

### 3.3 Students' Actual Scores

In this analysis, a student's actual score is the scale score that they obtained on the state summative assessment in the 2020-21 school year.

In EOG Reading, the standards were modified for the 2020-21 school year's assessment. Although that year's scale scores look different compared to prior years', it is our understanding that there were minimal changes to the EOG Reading content standards in the 2020-21 school year compared to previous years. Given this, the projected scores to the 2020-21 school year were modified to be on the same scale as the 2020-21 actual scores by adding 100 to the projected scale score. The hundreds place

in the prior version was a 400, while it is a 500 in the new version. This place defines the version of the assessment.

### **3.4 Difference Between Students' Projected and Actual Scores**

Because the projected scores and actual scores are in the same scaling units, the difference between them is a simple subtraction problem. *For each student, the difference is calculated as the actual score minus the projected score.*

A difference of zero indicates that a student scored where they were projected to score. A positive difference indicates that a student exceeded their projected score or, in other words, that the student made more progress than the average pre-pandemic schooling experience given their set of prior testing data. A negative difference indicates that a student fell short of their projected score or, in other words, that the student made less progress than the average pre-pandemic schooling experience given their set of prior testing data. The average schooling experience was defined by the most recent cohort of test-takers who took the test prior to the pandemic in the 2018-19 school year.

No conclusions should be drawn for individual students, but an aggregation of student results does provide a more robust indicator of how students' observed performance differed from their pre-pandemic projected scores. Typically and in non-pandemic years, the average schooling experience does not vary significantly from one year to the next. As a result, in a "normal" school year, the students in a state will, on average, score close to where they were projected to score, although this might not hold true for students in specific schools or student groups.

However, in this analysis the projected scores were based on the pre-pandemic average schooling experience. Thus, it is possible that some students fell short of their projected scores due to lost instructional time and to the pandemic's impact on student learning.

As noted above, some student flags are used to generate school-level variables that indicate the school's concentration of student composition in the form of quartiles. For example, the student-level Economically Disadvantaged flag was used to create quartiles based on the percentage of the school's students who are considered Economically Disadvantaged.

### **3.5 Conversion of Differences to Effect Sizes**

In order to standardize the differences across grades and provide a more meaningful interpretation, the residual that is in the scaling units of the test is then divided by the standard deviation of the student-level achievement distribution based on the statewide distribution of student scores in a specific tested content area (like 2018-19 EOG Math in grade 7) to create an effect size. This effect size or "standardized residual" is helpful in interpreting results across grades.

With this standardized residual, it is possible to assess whether certain grades, schools, or student groups were disproportionately impacted. All of the results are expressed in terms of the effect size.

The effect size can be classified as small, medium, or large to assist with interpretation and whether any differences in student performance are meaningful. Various researchers have offered thoughts on what defines a small, medium, and large effect size.

- Cohen describes 0.20 as small, 0.50 as medium, and 0.80 as large (Cohen, Jacob. *Statistical Power Analysis for the Behavioral Sciences*. 2<sup>nd</sup> ed. Mahwah, NJ: Lawrence Erlbaum, 1988).

- Hattie describes an effect size of 0.40 as the average seen across all interventions, and 0.40 as the “hinge point” (Hattie, John, *Visible Learning: A Synthesis of Over 800 Meta-Analyses Relating to Achievement*. London: Routledge, 2008).
- Kraft suggested < 0.05 as small, 0.05 to 0.20 as medium, and > 0.20 as large based on the distributions of effect sizes and changes in achievement (Kraft MA. “Interpreting Effect Sizes of Education Interventions.” *Educational Researcher*. 2020; 49 (4):241-253).

All of the researchers agree that it is important to interpret results within the distribution of actual results. In other words, what constitutes a small, medium, or large effect size is determined by what is observed in the actual results.

For a comparison, the table below provides school-level effect sizes based on a “typical” pre-pandemic school year for the state assessments (the 2018-19 school year). For example, an effect size of -0.11 in EOC Biology corresponds to the 30<sup>th</sup> percentile in a “typical” year while an effect size of -.30 corresponds to the 10<sup>th</sup> percentile in a “typical” year.

**Table 2: Pre-Pandemic School-Level Effect Size Percentiles**

Assessment	Percentile										
	5	10	20	30	40	50	60	70	80	90	95
EOC Biology	-0.40	-0.30	-0.17	-0.11	-0.05	0.00	0.05	0.11	0.17	0.26	0.34
EOC English II	-0.33	-0.18	-0.10	-0.06	-0.02	0.01	0.05	0.07	0.11	0.16	0.24
EOC NC Math 1	-0.36	-0.27	-0.17	-0.11	-0.06	-0.01	0.04	0.10	0.16	0.28	0.38
EOC NC Math 3	-0.33	-0.26	-0.18	-0.13	-0.07	-0.01	0.04	0.11	0.17	0.28	0.40
EOG Math 4	-0.36	-0.28	-0.18	-0.10	-0.04	0.01	0.07	0.12	0.18	0.26	0.32
EOG Math 5	-0.30	-0.24	-0.16	-0.11	-0.05	0.00	0.04	0.09	0.15	0.24	0.32
EOG Math 6	-0.33	-0.25	-0.18	-0.11	-0.06	-0.01	0.04	0.09	0.16	0.26	0.35
EOG Math 7	-0.31	-0.22	-0.15	-0.10	-0.04	0.00	0.04	0.09	0.14	0.21	0.28
EOG Math 8	-0.49	-0.37	-0.24	-0.17	-0.09	0.00	0.07	0.14	0.21	0.35	0.48
EOG Reading 4	-0.22	-0.16	-0.10	-0.06	-0.03	0.00	0.03	0.07	0.11	0.17	0.22
EOG Reading 5	-0.20	-0.15	-0.10	-0.06	-0.03	0.00	0.03	0.07	0.10	0.15	0.19
EOG Reading 6	-0.23	-0.16	-0.10	-0.06	-0.03	0.00	0.03	0.06	0.11	0.17	0.20
EOG Reading 7	-0.22	-0.15	-0.09	-0.05	-0.03	0.00	0.03	0.06	0.10	0.15	0.21
EOG Reading 8	-0.22	-0.16	-0.10	-0.06	-0.02	0.01	0.03	0.06	0.09	0.14	0.19

This information can also be put into context of pre-pandemic student-level effect sizes. Table 3 below provides the average student-level effect size based on the 2018-19 school year. For example, an effect size of -0.23 in EOC Biology corresponds to the 30<sup>th</sup> percentile in a “typical” year while an effect size of -.60 corresponds to the 10<sup>th</sup> percentile in a “typical” year. Note that the student-level effect sizes have a broader range of values than the school-level effect sizes since the school effect sizes are averaged values.

**Table 3: Pre-Pandemic Student-Level Effect Size Percentiles**

Assessment	Percentile										
	5	10	20	30	40	50	60	70	80	90	95
EOC Biology	-0.80	-0.60	-0.38	-0.23	-0.10	0.02	0.15	0.28	0.43	0.66	0.86
EOC English II	-0.83	-0.62	-0.39	-0.23	-0.10	0.02	0.14	0.27	0.41	0.61	0.78

	Percentile										
EOC NC Math 1	-0.76	-0.59	-0.38	-0.23	-0.11	0.00	0.12	0.24	0.38	0.57	0.73
EOC NC Math 3	-0.96	-0.75	-0.50	-0.31	-0.16	-0.01	0.13	0.28	0.45	0.68	0.86
EOG Math 4	-0.81	-0.62	-0.40	-0.25	-0.11	0.01	0.13	0.26	0.41	0.62	0.80
EOG Math 5	-0.81	-0.62	-0.40	-0.24	-0.11	0.01	0.13	0.26	0.41	0.61	0.79
EOG Math 6	-0.78	-0.59	-0.38	-0.23	-0.10	0.01	0.13	0.25	0.38	0.58	0.75
EOG Math 7	-1.04	-0.80	-0.53	-0.32	-0.15	0.01	0.17	0.34	0.54	0.81	1.02
EOG Math 8	-0.84	-0.64	-0.42	-0.26	-0.12	0.00	0.13	0.26	0.42	0.65	0.83
EOG Reading 4	-0.80	-0.62	-0.40	-0.25	-0.12	0.00	0.12	0.25	0.40	0.61	0.79
EOG Reading 5	-0.80	-0.60	-0.39	-0.23	-0.11	0.01	0.12	0.24	0.38	0.58	0.75
EOG Reading 6	-0.81	-0.61	-0.39	-0.24	-0.11	0.01	0.12	0.24	0.39	0.59	0.76
EOG Reading 7	-0.81	-0.61	-0.39	-0.23	-0.10	0.01	0.13	0.26	0.40	0.60	0.77
EOG Reading 8	-0.92	-0.71	-0.47	-0.29	-0.14	0.00	0.15	0.30	0.47	0.72	0.93

The analysis does not report statistical significance. This is a common statistical metric used to establish a confidence band around the likely range of values for an effect size. It is related to the number of students included in the analysis as well as other factors. Given the number of students included in the analysis, almost all differences in student performance are classified as statistically significant. Given the purpose of this research, the effect size is a more useful measure for determining the relevance of any differences in student performance.

### 3.6 Historical Comparisons

The analysis compares students' projected performance to their actual performance for three cohorts of students:

- 2020-21 actual performance based on predictors through the 2018-19 school year
- 2018-19 actual performance based on predictors through the 2016-17 school year
- 2017-18 actual performance based on predictors through the 2016-17 school year

The method of analysis for the historical comparisons (2018-19 and 2017-18) is similar to what is described for the 2020-21 comparison above. However, there are some important differences for interpretation.

First, when interpreting the 2018-19 results as historical context, it is important to understand that Math standards changed. When standards change, there is often a one-year dip in state achievement levels as educators and students adjust to the new standards. This is typically true in North Carolina as well as other states. In subsequent years, the achievement stays fairly consistent from year-to-year. In the 2018-19 comparison, students typically perform lower than projected across the EOG Math and Math 1 assessments, and this gap is likely due to the change in standards. These results should be interpreted as gaps in projected achievement for a year when standards changed in Math.

In the 2017-18 school year, standards did not change, and the gap between projected and actual performance is fairly small across the EOG Math and Math 1 assessments. This year might be more comparable to the typical year of schooling where standard did not change than the more recent 2018-19 school year as standards did not change in the 2020-21 school year either.

Note that, historically, when standards change in Reading, there are fewer differences in student performance compared to Math. Given the smaller shift in content this year in Reading, there are not analytic concerns about the Reading comparison.

As a second difference to note for interpretation, there was a change in the policy for eighth-grade Math students in the 2017-18 school year. Prior to this year, eighth-grade students who were enrolled in NC Math 1 took both the EOG Math 8 test and the NC Math 1 test. Starting in the 2017-18 school year, eighth-grade students who were enrolled in NC Math 1 did not take the EOG Math 8 test, only the NC Math 1 test. For this reason, the 2018-19 comparison analysis removed these students from the projection model for EOG Math 8. In other words, these students' prior test scores were not used to establish parameters and the average schooling experience for the 2018-19 performance because those students did not actually take EOG Math 8 in the 2018-19 school year. These students tend to be relatively high achieving, so including them in the model when none of them took the test introduces a gap when comparing students' projected and actual performance.

Last, it should be noted that EOC NC Math 3 was fully implemented in 2019 (as opposed to NCFE Math 3), so there are no historical comparisons available, only the 2020-21 results.

### **3.7 Relationship between Pre-Pandemic Teaching Effectiveness and Lost Instructional Time**

While this analysis uses the same approach of comparing students actual and projected scores as described above, it is important to understand how students were associated with teachers and how teachers were categorized into different levels of effectiveness.

Each year, educators, school administrators, and LEA administrators use roster verification within the EVAAS web application to review, modify and verify student rosters for teachers and the percentage of instructional responsibility that each teacher has for each student. This information is used to provide growth measures for all students linked to a teacher. The model can incorporate team teaching, student/teacher mobility, and other situations where more than one teacher has instructional responsibility for a student.

Using the verified student rosters and assessment data, the EVAAS model provides a growth measure for a specific assessment based on all students linked to the teacher. The growth measure is relative to expected growth, which is set at zero and represents students maintaining their entering achievement level relative to all other test takers in the state

For ease of interpretation and context, the teacher growth measures can be categorized into different groups using the standard error of the growth measure, which indicates the statistical evidence that the growth measure is decidedly above or below expected growth. Another way to understand this concept is to divide the growth measure by its standard error to provide a growth index, which is similar to a t-value.

EVAAS teacher growth reports use three categories to describe students' growth, and these categories were defined as follows:

- **Does Not Meet Expected Growth** indicates that the growth measure is less than or equal to two standard errors below expected growth (0). This level of certainty is significant evidence that students made less growth than expected.
- **Meets Expected Growth** indicates that the growth measure is less than two standard errors above expected growth (0) but no more than two standard errors below expected growth (0). This is evidence that students made growth as expected.
- **Exceeds Expected Growth** indicates that the growth measure is two standard errors or more above expected growth (0). This level of certainty is significant evidence that students made more growth than expected.

Both the 2019 (pre-pandemic) the 2017 (historical comparison) teacher growth measures were classified into these categories according to the definitions.

Using the student-teacher linkages for the 2020-21 school year, the difference between a student's projected and actual scores was linked to their teacher for a specific assessment, and results were aggregated across students according to their teacher's 2019 (or 2017 for historical comparison) effectiveness category. Results were reported when the number of teachers included in the analysis was five or more.

Given the nature of the question from the field (was students' impact from the pandemic related to their teacher's prior effectiveness in terms of student growth), this analysis only included students who had one teacher linkage in a given content area (such as EOG Math 7 or Math I) since multiple teachers could confound the results. The analysis also only included students whose teacher had remained in the same district from 2019 to 2021 (or 2017 to 2018 for the historical comparison).

### **3.8 Relationship between Pre-Pandemic Principal Effectiveness and Lost Instructional Time**

This analysis is similar to what was described above for pre-pandemic teacher effectiveness. For the purposes of this analysis, pre-pandemic principal effectiveness was assumed to be the school-level composite growth score across all available assessments at the school (known as the Educator Effectiveness Measure) based on one-year estimates from the 2018-19 school year (or 2016-17 school year for the historical analysis). More details about the composite calculation are available in the [Statistical Models and Business Rules](#) document.

For ease of interpretation and context, a school's composite growth measure can be categorized into different groups using the standard error of the composite growth measure, which indicates the statistical evidence that the composite growth measure is decidedly above or below expected growth. Another way to understand this concept is to divide the composite growth measure by its standard error to provide a growth index, which is similar to a t-value.

Like the teacher analysis described above, the EVAAS school growth reports use three categories to describe students' growth (Does Not Meet Expected Growth, Meets Expected Growth, and Exceeds Expected Growth) with the same definitions as the teacher ones described above.

Using the student's tested school for the 2020-21 school year, the difference between a student's projected and actual scores was linked to their principal for a specific assessment, and results were aggregated across students according to their principal's 2019 (or 2017 for historical comparison) level designation.

### **3.9 Relationship between Teacher Longevity and Lost Instructional Time**

Teacher longevity at their pandemic school was identified using payroll data provided by NCDPI. This dataset spanned the 2013-14 school year to the 2020-21 school year, and longevity was determined by counting the number of consecutive years that the teacher had been linked to their pandemic school in 2020-21. Based on available data, this analysis did not consider the total number of years of experience as a teacher.

Given the nature of the question from the field (was students' impact from the pandemic related to their teacher's longevity in terms of student growth), this analysis only included students who had one teacher linkage in a given content area (such as EOG Math 7 or Math I) since multiple teachers could confound the results.

For ease of interpretation, teachers were assigned one of three categories defined as follows:

- 1–3 years of experience at the pandemic school in 2020-21
- 4–7 years of experience at the pandemic school in 2020-21
- 8 or more years of experience at the pandemic school in 2020-21

The teacher longevity analysis linked students to their pandemic teacher based on their tested school for the 2020-21 school year, and then the difference between a student's projected and scores was aggregated according to their teacher's longevity category.

### **3.10 Relationship between Principal Longevity and Lost Instructional Time**

This analysis is very similar to the teacher longevity described above. Principal longevity at their pandemic school was identified using payroll data provided by NCDPI. This dataset spanned the 2013-14 school year to the 2020-21 school year, and longevity was determined by counting the number of consecutive years that the principal had been linked to their pandemic school in 2020-21. Based on available data, this analysis did not consider the total number of years of experience as principal. If more than one principal was linked to a school in a given year, then the analysis used the principal with the higher number of years in the analysis. For ease of interpretation, principals were assigned one of three categories defined as follows:

- 1–3 years of experience at the pandemic school in 2020-21
- 4–7 years of experience at the pandemic school in 2020-21
- 8 or more years of experience at the pandemic school in 2020-21

Similar to the teacher analysis above, the principal longevity analysis linked students to their pandemic principal based on their tested school for the 2020-21 school year, and then the difference between a student's projected and scores was aggregated according to their principal's longevity category.



## 4 Results

A brief description of the information provided in the results is below, and results are provided in a separate document. This description will assist with interpretation. With the exception of correlations, actual results based on effect sizes are provided separately.

### 4.1 Effect Size by Subject Grade

The “Effect Size by Subject Grade” bar charts provide the average state-level effect size by assessed content area.

The Y axis lists the available subjects and grades as well as an overall “All Subjects” category.

The X axis shows the average effect size based on all student residuals for that subject/grade. As a reminder, the effect size is the standardized residual between students’ actual and projected score for a specific assessment. Each bar chart shows the average standardized residual for all students who took the assessment in the 2020-21 school year. The X axis ranges from -0.8 to +0.4 since more of the data was negative due to the pandemic’s impact on student learning.

For context in interpretation, the 2021 results are shown alongside the 2018 results. This enables users to assess whether there were pre-existing gaps prior to the 2020-21 school year.

Similar information is provided in tables, with the addition of student counts. In these tables, the Count column represents the number of student records that were used in the analysis, i.e., the scores met all analytic criteria for inclusion, and there was sufficient data for an individual student to calculate the difference between the student’s actual and projected score. The count and effect size were not displayed if there were fewer than 10 student records included in that specific result. In “All Subjects,” an individual student can be included more than once if that student has records in multiple assessments, such as EOG Math Grade 5 and EOG Reading Grade 5.

### 4.2 Effect Size by Subject Grade for Specific Groups

The “Effect Size by Subject Grade” bar charts are also provided based on whether a student has a specific student, school, or district flag. The interpretation is similar to what is described above; however, rather than present one bar chart per assessment, these graphics have two or more bar charts per assessment. For example, for a given assessment, there is an effect size based on all students who are considered English Learners next to an effect size based on all students who are not considered English Learners. Similar data is available for other student-level flags.

There are also results available for school- or district-level groupings, such as different designations for districts in tiered counties. For ease of interpretation, some school or district groupings are sometimes placed into quintiles or quartiles based on the percentage, with 1 representing the lowest percentage and 5 representing the highest percentage.

### 4.3 Effect Size by Subject Grade based on the Percentage of Remote Instruction

In contrast to the bar charts provided in 4.1, this set of graphs provided effect size by subject grade based on 20 (rather than five) categories based on students’ reported percentage of remote instruction. There were twenty different categories, each spanning five percent. In other words, the first category represents students whose percentage of remote instruction spanned 0 to 5%, the second category represents students whose percentage of remote instruction spanned 5 to 10%, etc. Each graph has a dot

that represents the average effect size for the students in a specific category, and there is a trend line across all 20 categories.

The X axis indicates the 20 categories of students' reported percentage of remote instruction. Each category spans 5%.

The Y axis indicates the student-level effect size and ranges from -0.75 to +0.15.

When the Y axis equals zero, it means that the student-level effect size is zero and students' actual scores were the same as their projected scores. When a dot is below zero on the Y axis, it means that students' actual scores were, on average, lower than their expected score for that group. When a dot is above zero on the Y axis, it means that students' actual scores were, on average, higher than their expected scores for that group. In 2021, the distribution tends to be shifted below zero on the Y axis in most subjects and grades. The distribution also tends to be lower the greater the percentage of remote instruction, although the strength of that relationship varies by subject and grade.

The graph includes a trend line, which was weighted according to the number of student scores included in the percentage group.

The analysis only included students whose total days ranged from 145 to 225.

#### 4.4 Correlations between Observed and Projected Scores

The correlation table below reports the correlation value between students' observed and projected scores for a given school year. For example, in the column "Correlation 2018," the correlation is based on students' actual scores from the 2017-18 school year and their projected scores to the 2017-18 school year. As a reminder, the projected score is based on the individual student's previous test scores prior to the 2017-18 school year and assumes the average schooling experience of students who tested in the 2016-17 school year.

The purpose of this information is to provide context about the predictive relationship between students' projected and observed scores in a given year. Correlations in 2018 were made one year out using the experience of the 2016-17 school year's test takers. Correlations for 2019 and 2021 are made two years out using the experience of the 2016-17 and 2018-19 school years' test takers respectively. In some subjects, the correlation is slightly lower in 2021. This is not only due to the projections being two years out but due to the experience during and before the pandemic being different as well as more volatility in individual student scores during the pandemic. Regardless, the correlations tend to be very strong across all years and subjects

**Table 4: Correlations between Students' Projected and Actual Scores in 2018, 2019, and 2021**

Subject	Correlation 2018	Correlation 2019	Correlation 2021
Biology	0.86142	0.84938	0.85611
English II	0.86813	0.86261	0.86481
NC Math 1	0.86869	0.84415	0.81108
NC Math 3	.	.	0.81555
Math Grade 5	0.86657	0.82138	0.78619
Math Grade 6	0.87336	0.84293	0.80623

Subject	Correlation 2018	Correlation 2019	Correlation 2021
Math Grade 7	0.89681	0.85100	0.81629
Math Grade 8	0.80725	0.73636	0.67042
Reading Grade 3	0.73320	0.70012	0.67861
Reading Grade 4	0.85698	0.70820	0.70192
Reading Grade 5	0.86606	0.84119	0.82272
Reading Grade 6	0.87780	0.85330	0.82419
Reading Grade 7	0.87550	0.85170	0.83668
Reading Grade 8	0.87329	0.85105	0.84262
Science Grade 8	0.86010	0.84895	0.84527

#### 4.5 Distributions by Subject Grade

These graphs show the distribution of student-level effect sizes by year and assessment. This is similar information as what was presented in [Table 3](#) except that it highlights shifts in distributions over time. For each graph, there are two distributions: one for 2018 and one for 2021. Each distribution shows the frequency of the student-level effect size for a given subject/grade or course. These graphs provide a visual illustration of the shifts in student performance over time.

The X axis indicates the student-level effect size and ranges from -3 to +3.

The Y axis reports the percentage of students with a specific effect size.

The vertical black line at zero represents a student-level effect size of zero, meaning students' actual scores were the same as their projected scores. When the distribution is to the left of the vertical black line, it means that a student's actual score is lower than their projected scores. When the distribution is to the right of the vertical black line, it means that a student's actual score is higher than their projected scores. In 2018, the distribution tends to be centered around the vertical black line at zero whereas the 2021 distribution tends to be shifted to the left, indicating that more students' actual scores were lower than their projected scores.

## 5 Appendix A: Definitions of Student Identifiers and District/School Flags

NCDPI provided the following definitions of student identifiers and district/school flags.

### 5.1 A - F Performance Grades

This flag is defined by the state and is as follows:

“Every district and charter school receives an A-F letter grade based 80 percent on the school's achievement score (calculated using a composite method based on the sum of points earned by a school on all of the indicators measured for that school), and 20 percent on students' academic growth (compares the actual performance of the school's students to their expected performance based on a statewide statistical model). The letter grades are computed on a 15-point scale (85-100=A; 70-84=B; etc.).”

Source: [Frequently Asked Questions | NC DPI](#)

### 5.2 Academically or Intellectually Gifted

This flag is defined by state but identified by PSU, and there is one flag per student, regardless of subject, in the data received by SAS. The flag is defined as follows:

“Academically or Intellectually Gifted (AIG) students perform or show the potential to perform at substantially high levels of accomplishment when compared with others of their age, experiences or environment. Academically or Intellectually Gifted students exhibit high-performance capability in intellectual areas, specific academic fields, or in both the intellectual areas and specific academic fields. Academically or Intellectually Gifted students require differentiated educational services beyond those ordinarily provided by the regular educational program. Outstanding abilities are present in students from all cultural groups, across all economic strata, and in all areas of human endeavor.”

Source: Article 9B [\(N.C.G.S. § 115C-150.5\) Article 9B.pdf \(ncleg.net\)](#)

### 5.3 Chronically Absent (Y, N)

This flag is defined by the North Carolina State Board of Education and is as follows:

“Student Chronic Absentee’ is a student who is enrolled in a North Carolina public school for at least 10 school days at any time during the school year, and whose total number of absences is equal to or greater than 10 percent of the total number of days that such student has been enrolled at such school during such school year.”

Source: [View Policy ATND-004: Definition of Student Chronic Absenteeism Rate \(eboardsolutions.com\)](#)

### 5.4 Economically Disadvantaged Students

This flag is defined as follows by the state:

“Any student identified by a PSU, meeting the criteria of Directly Certified, Categorically Eligible, or a method consistent with State or Federal guidance for financial assistance regardless of participation or eligibility in the National School Lunch Program.”

Source: [Economically Disadvantaged-Student Guidance 20210630 V4.3 Final.pdf \(govdelivery.com\)](#)

## 5.5 English Learners (EL)

This definition is given by the U.S. Department of Education, and the flag is defined as follows:

“The term English Learner (EL), when used with respect to an individual, means an individual — (A) who is aged 3 through 21; (B) who is enrolled or preparing to enroll in an elementary school or secondary school; (C)(i) who was not born in the United States or whose native language is a language other than English; (ii)(I) who is a Native American or Alaska Native, or a native resident of the outlying areas; and (II) who comes from an environment where a language other than English has had a significant impact on the individual's level of English language proficiency; or (iii) who is migratory, whose native language is a language other than English, and who comes from an environment where a language other than English is dominant; and (D) whose difficulties in speaking, reading, writing, or understanding the English language may be sufficient to deny the individual — (i) the ability to meet the challenging State academic standards; (ii) the ability to successfully achieve in classrooms where the language of instruction is English; or (iii) the opportunity to participate fully in society (ESEA Section 8101(20)) (“Non-Regulatory Guidance” 43).”

Source: [ESL/Title III Program and ELD Standards Glossary - Google Docs](#)

## 5.6 Entering Achievement by Quintile

Students are placed into one of five approximately evenly sized groups defined by students' projected score. Graph displays the average student-level effect size across all students in each quintile.

## 5.7 Foster Student

This flag is defined by the state and include students who are identified as being in the care of the foster system by the Department of Health and Human Services.

## 5.8 Homeless (Y, N)

This flag is based on the federal definition and is defined as follows.

“The term ‘homeless children and youths’--

- A. means individuals who lack a fixed, regular, and adequate nighttime residence (within the meaning of section 103(a)(1)); and
- B. includes—
  - (i) children and youths who are sharing the housing of other persons due to loss of housing, economic hardship, or a similar reason; are living in motels, hotels, trailer parks, or camping grounds due to the lack of alternative adequate accommodations; are living in emergency or transitional shelters; or are abandoned in hospitals;\*
  - (ii) children and youths who have a primary nighttime residence that is a public or private place not designed for or ordinarily used as a regular sleeping accommodation for human beings (within the meaning of section 103(a)(2)(C));
  - (iii) children and youths who are living in cars, parks, public spaces, abandoned buildings, substandard housing, bus or train stations, or similar settings; and

(iv) migratory children (as such term is defined in section 1309 of the Elementary and Secondary Education Act of 1965) who qualify as homeless for the purposes of this subtitle because the children are living in circumstances described in clauses (i) through (iii).

\*Per Title IX, Part A of the Every Student Succeeds Act, ‘awaiting foster care placement’ was removed from the definition of homeless on December 10, 2016; the only exception to his removal is that ‘covered states’ have until December 10, 2017 to remove ‘awaiting foster care placement’ from their definition of homeless.”

Source: [McKinney-Vento Definition – National Center for Homeless Education](#)

## 5.9 Justice-Involved Student

This flag is defined by the state and includes students enrolled in schools operated by the Department of Public Safety or Health and Human Services.

## 5.10 Migrant Student

This flag is based on the federal definition and is as follows:

“MIGRATORY CHILD.—The term “migratory child” means a child or youth who made a qualifying move in the preceding 36 months— (A) as a migratory agricultural worker or a migratory fisher; or (B) with, or to join, a parent or spouse who is a migratory agricultural worker or a migratory fisher”

Source: Section 1309 of ESEA 1965 [F:\COMP\EDII\EASEAO1.bel](#)

## 5.11 Military Connected (Y, N)

This flag is defined by the state and is as follows:

- Parent serving on active duty
- Parent In the National Guard
- Parent In the U.S. Reserve
- A surviving dependent of a deceased service member

## 5.12 Percent of Economically Disadvantaged Students by Quintile

Students are placed into one of five equally sized groups defined by the percentage of students identified as Economically Disadvantaged within each school or LEA. EDS is defined as, “Any student identified by a PSU, meeting the criteria of Directly Certified, Categorically Eligible, or a method consistent with State or Federal guidance for financial assistance regardless of participation or eligibility in the National School Lunch Program.”

## 5.13 Percentage Connectivity

Schools are placed into one of five groups defined by the percent of students within each school that had home internet connectivity in 2019-2020: 0-20%, 20-40%, 40-60%, 60-80%, and 80-100%. Graph displays the average student-level effect size across students within schools in each range.

### **5.14 Percentage Remote by Group**

Students are placed into one of 20 groups defined by the number of days spent in remote instruction divided by the number of days the student was not absent (0-5%, 5-10%, 10-15%, etc.). Note that there was not an equal number of students within each group. Graph displays the average student-level effect size across students within each group. The percentage of remote instruction was an annual metric provided by NCDPI, and the analysis only included students whose total days ranged from 145 to 225.

### **5.15 Public School Designation – Traditional and Charter**

This flag is defined by the state and is as follows:

“Charter schools are public schools of choice that are authorized by the State Board of Education and operated by independent non-profit boards of directors. State and local tax dollars are the primary funding sources for charter schools, which have open enrollment and cannot discriminate in admissions, associate with any religion or religious group, or charge-tuition. Charter schools operate with freedom from many of the regulations that govern district schools, but charter schools are held accountable through the State assessment and accountability system.” [Info by Role | NC DPI](#)

### **5.16 Race/Ethnicity**

This flag is based on the federal definition and is defined as follows.

“Categories developed in 1997 by the Office of Management and Budget (OMB) that are used to describe groups to which individuals belong, identify with, or belong in the eyes of the community. The categories do not denote scientific definitions of anthropological origins.” [The Integrated Postsecondary Education Data System](#)

### **5.17 Sex**

This flag is based on the federal definition and is defined as follows.

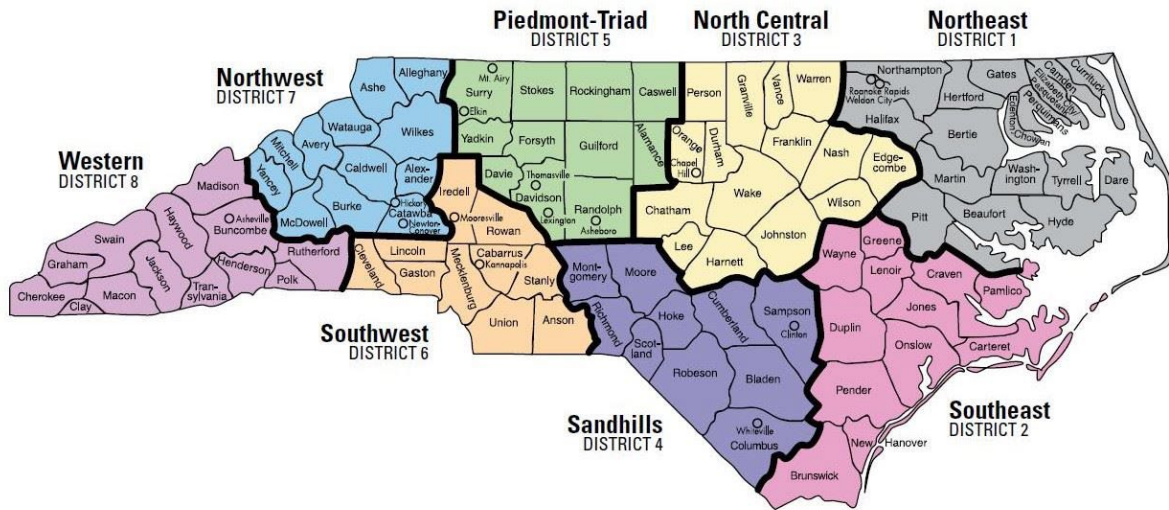
An indication that students are either female or male. [fs052-17-3.docx \(live.com\)](#)

### **5.18 State Board of Education Region**

Geographically defined, set by the General Assembly, to create a “unified system of statewide support to North Carolina Local School Administrative Units.”

[Regional Directors | NC DPI](#)

[State Board of Education | NC DPI](#)



### 5.19 Students with Disabilities (Y, N)

This flag is based on the federal definition and is defined as follows.

“Those children evaluated as having any of the following impairments and who, by reason thereof, receive special education and related services under the Individuals with Disabilities Education Act (IDEA) according to an Individualized Education Program (IEP), Individualized Family Service Plan (IFSP), or a services plan. There are local variations in the determination of disability conditions, and not all states use all reporting categories.”

Source: [COE - Students With Disabilities \(ed.gov\)](#)

### 5.20 Urbanicity

This flag is based on the federal definition and is defined as follows.

**City:** Territory inside an Urbanized Area and inside a Principal City

**Suburb:** Territory outside a Principal City and inside an Urbanized Area

**Town:** territory inside an Urban Cluster that is outside of an Urbanized area

**Rural:** Census-defined rural territory that is outside of an Urbanized Area, as well as rural territory that is outside of an Urban Cluster.

For more guidance and specific definitions of phrases like “Urbanized area:” [Locale Boundaries File Documentation](#)



## 6 Appendix B: Charts and Tables for Statewide Results

### Main Effects by Student Group

- Statewide Summary of All Tested Subjects
  - Bar chart of 2018 and 2021 EOG/EOC
  - Bar chart of 2018 and 2021 ACT
  - Effect size tables for subject/grade for 2021 and 2018
- Sex
  - Bar chart of 2018 and 2021 – Reading, Math, Science, ACT
  - Effect size tables for subject/grade for 2021 and 2018
- Race/Ethnicity
  - Bar chart of 2018 and 2021 – Reading, Math, Science, ACT
  - Effect size tables for subject/grade for 2021 and 2018
- Economically Disadvantaged Students
  - Bar chart of 2018 and 2021 – Reading, Math, Science, ACT
  - Effect size tables for subject/grade for 2021 and 2018
- Chronically Absent
  - Bar chart of 2018 and 2021 – Reading, Math, Science, ACT
  - Effect size tables for subject/grade for 2021 and 2018
- Academically or Intellectually Gifted
  - Bar chart of 2018 and 2021 – Reading, Math, Science, ACT
  - Effect size tables for subject/grade for 2021 and 2018
- Students with Disabilities
  - Bar chart of 2018 and 2021 – Reading, Math, Science, ACT
  - Effect size tables for subject/grade for 2021 and 2018
- Multilingual Learners
  - Bar chart of 2018 and 2021 – Reading, Math, Science, ACT
  - Effect size tables for subject/grade for 2021 and 2018
- Student Experiencing Homelessness
  - Bar chart of 2018 and 2021 – Reading, Math, Science, ACT
  - Effect size tables for subject/grade for 2021 and 2018
- Military Connected
  - Bar chart of 2018 and 2021 – Reading, Math, Science, ACT
  - Effect size tables for subject/grade for 2021 and 2018

- Foster Student
  - Bar chart of 2018 and 2021 – Reading, Math, Science, ACT
  - Effect size tables for subject/grade for 2021 and 2018
- Migrant Student
  - Bar chart of 2018 and 2021 – Reading, Math, Science, ACT
  - Effect size tables for subject/grade for 2021 and 2018
- Entering Achievement by Quintile
  - Bar chart of 2018 and 2021 – Reading, Math, Science, ACT
  - Effect size tables for subject/grade for 2021 and 2018
- Urbanicity
  - Bar chart of 2018 and 2021 – Reading, Math, Science, ACT
  - Effect size tables for subject/grade for 2021 and 2018
- Percentage Connectivity
  - Bar chart of 2018 and 2021 – Reading, Math, Science, ACT
  - Effect size tables for subject/grade for 2021 and 2018
- Remote Days by Quintile
  - Bar chart of 2018 and 2021
  - Effect size tables for subject/grade for 2021 and 2018
  - Remote Percent Line Graphs for 2021– Reading, Math, Science, ACT
- Teacher Longevity
  - Bar chart of 2021 – Reading, Math, Science
  - Effect size tables for subject/grade for 2021
- Teacher Previous Effectiveness Level
  - Bar chart of 2018 and 2021 – Reading, Math, Science
  - Effect size tables for subject/grade for 2021 and 2018
- Principal Longevity
  - Bar chart of 2021 – Reading, Math, Science
  - Effect size tables for subject/grade for 2021
- Principal Previous Effectiveness Level
  - Bar chart of 2018 and 2021 – Reading, Math, Science
  - Effect size tables for subject/grade for 2021 and 2018

**Interactions Effects by Student Group**

- Race/Ethnicity Split by Sex: Female and Male

- Bar chart of 2018 and 2021 – Reading, Math, Science, ACT
- Effect size tables for subject/grade for 2021 and 2018
  
- Race/Ethnicity Split by Urbanicity: City, City School, Rural, Suburb, Town
  - Bar chart of 2018 and 2021 – Reading, Math, Science, ACT
  - Effect size tables for subject/grade for 2021 and 2018
  
- Race/Ethnicity Split by EDS and Sex: Female and Male
  - Bar chart of 2018 and 2021 – Reading, Math, Science, ACT
  - Effect size tables for subject/grade for 2021 and 2018
  
- Economically Disadvantaged Split by Urbanicity: City, City School, Rural, Suburb, Town
  - Bar chart of 2018 and 2021 – Reading, Math, Science, ACT
  - Effect size tables for subject/grade for 2021 and 2018

**Main Effects by School Type**

- Public School Designation
- Bar chart of 2018 and 2021 – Reading, Math, Science, ACT
- Effect size tables for subject/grade for 2021 and 2018

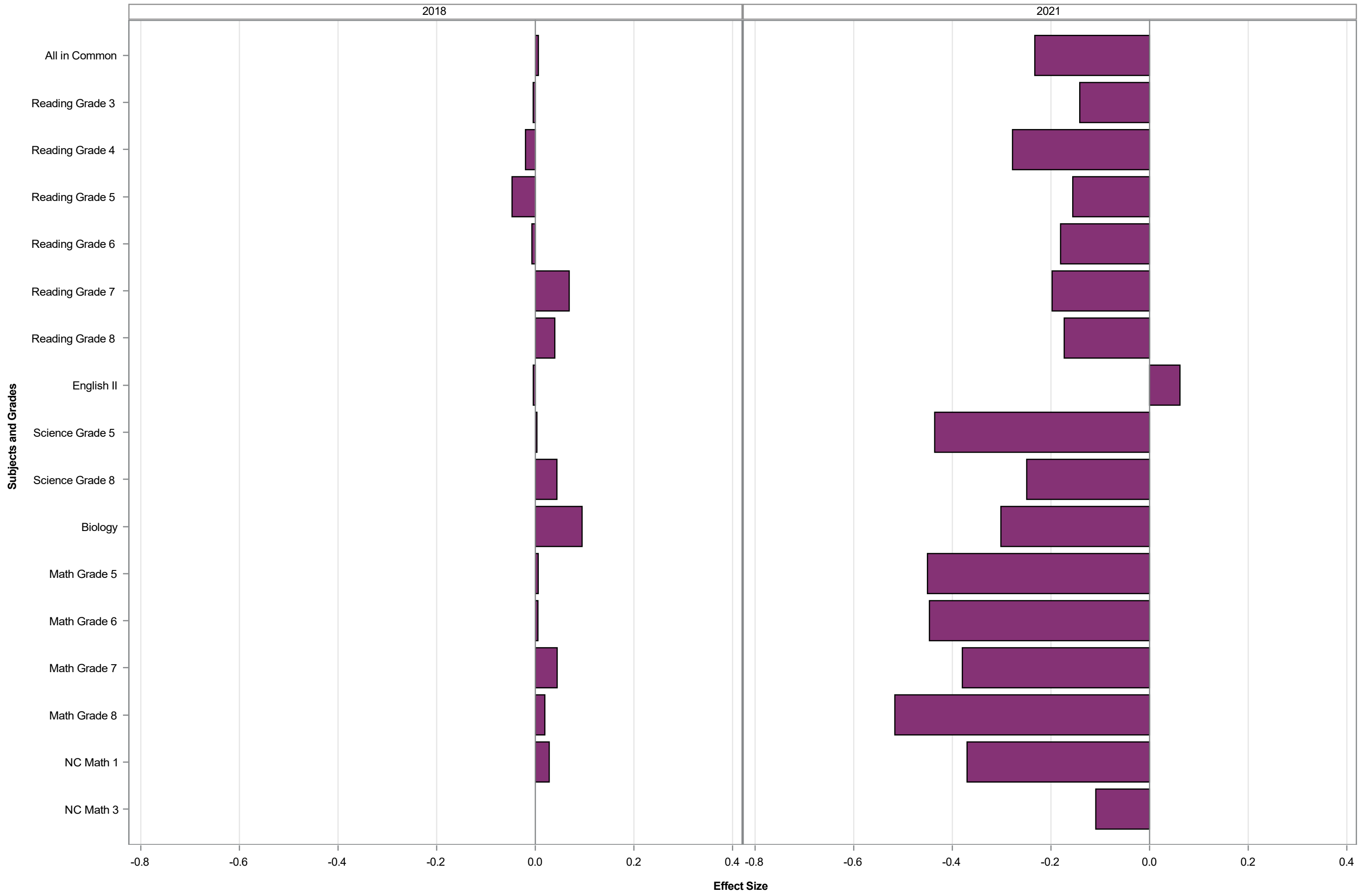
**Main Effects by Region**

- State Board of Education Region
  - Bar chart of 2018 and 2021 by region
  - Effect size tables for subject/grade for 2021 and 2018

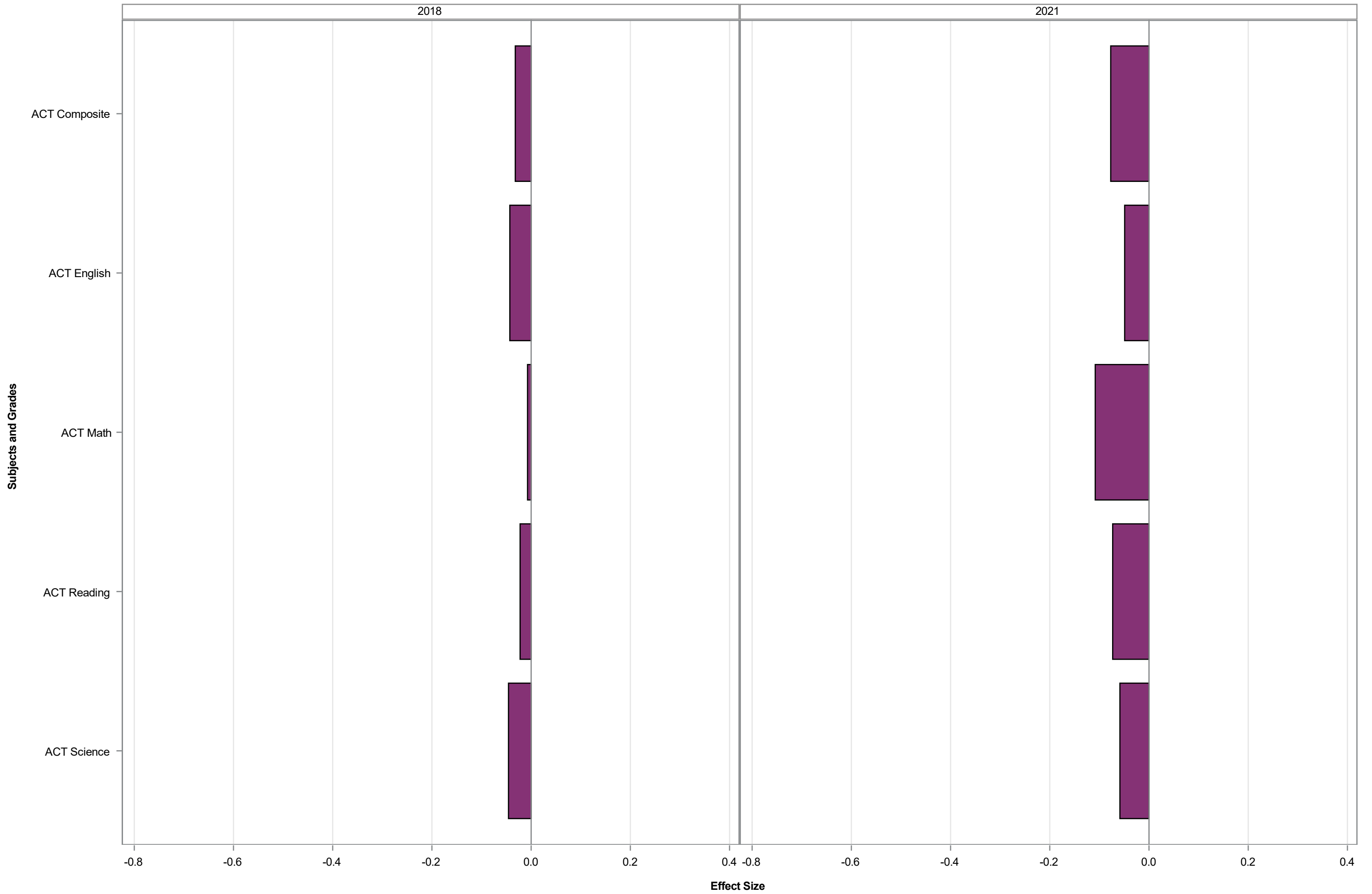
**Interactions Effects by Region**

- Race/Ethnicity Split by SBE Region
  - Bar chart of 2018 and 2021 – Reading, Math, Science, ACT
  - Effect size tables for subject/grade for 2021 and 2018
  
- Urbanicity Split by SBE Region and Economically Disadvantaged
  - Bar chart of 2018 and 2021 – All, Reading, Math, Science, ACT
  - Effect size tables for subject/grade for 2021 and 2018

# Effect Size by Subject Grade



# Effect Size by Subject Grade



### Effect Size by Subject Grade - 2021

Assessment	Effect Size	Std Error of Effect Size	N
All in Common	-0.23	0.0004	1851546
Reading Grade 3	-0.14	0.0023	89239
Reading Grade 4	-0.28	0.0022	91591
Reading Grade 5	-0.16	0.0017	97449
Reading Grade 6	-0.18	0.0016	98651
Reading Grade 7	-0.20	0.0015	103506
Reading Grade 8	-0.17	0.0015	100737
English II	0.06	0.0014	101764
Science Grade 5	-0.44	0.0021	97264
Science Grade 8	-0.25	0.0017	101249
Biology	-0.30	0.0016	97040
Math Grade 5	-0.45	0.0020	97350
Math Grade 6	-0.45	0.0018	98551
Math Grade 7	-0.38	0.0017	103368
Math Grade 8	-0.52	0.0024	69764
NC Math 1	-0.37	0.0017	105622
NC Math 3	-0.11	0.0019	91584
ACT Composite	-0.08	0.0018	79582
ACT English	-0.05	0.0020	79749
ACT Math	-0.11	0.0020	79708
ACT Reading	-0.07	0.0021	79684
ACT Science	-0.06	0.0021	79678

### Effect Size by Subject Grade - 2018

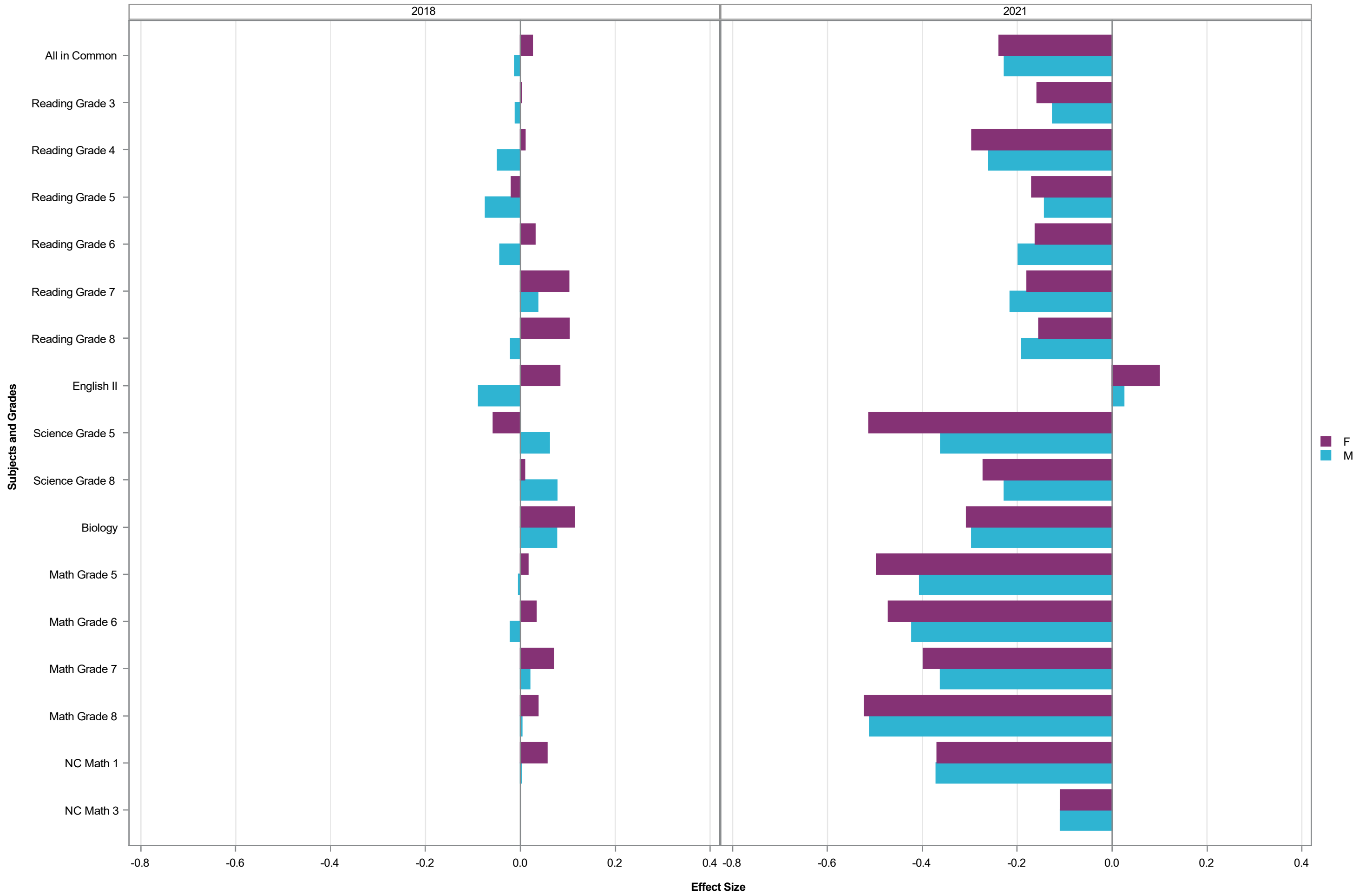
Assessment	Effect Size	Std Error of Effect Size	N
All in Common	0.01	0.0004	2065616
Reading Grade 3	-0.00	0.0019	107523
Reading Grade 4	-0.02	0.0015	113488
Reading Grade 5	-0.05	0.0015	110570
Reading Grade 6	-0.01	0.0014	111232
Reading Grade 7	0.07	0.0014	105428
Reading Grade 8	0.04	0.0015	99424
English II	-0.00	0.0014	108298
Science Grade 5	0.00	0.0018	109515
Science Grade 8	0.04	0.0016	99730
Biology	0.09	0.0016	106824
Math Grade 5	0.01	0.0015	110423
Math Grade 6	0.01	0.0015	111137
Math Grade 7	0.04	0.0014	105281
Math Grade 8	0.02	0.0020	69874
NC Math 1	0.03	0.0015	113862
ACT Composite	-0.03	0.0015	96378
ACT English	-0.04	0.0017	96730
ACT Math	-0.01	0.0017	96698
ACT Reading	-0.02	0.0018	96638
ACT Science	-0.05	0.0018	96563

### Correlations between Observed and Projected

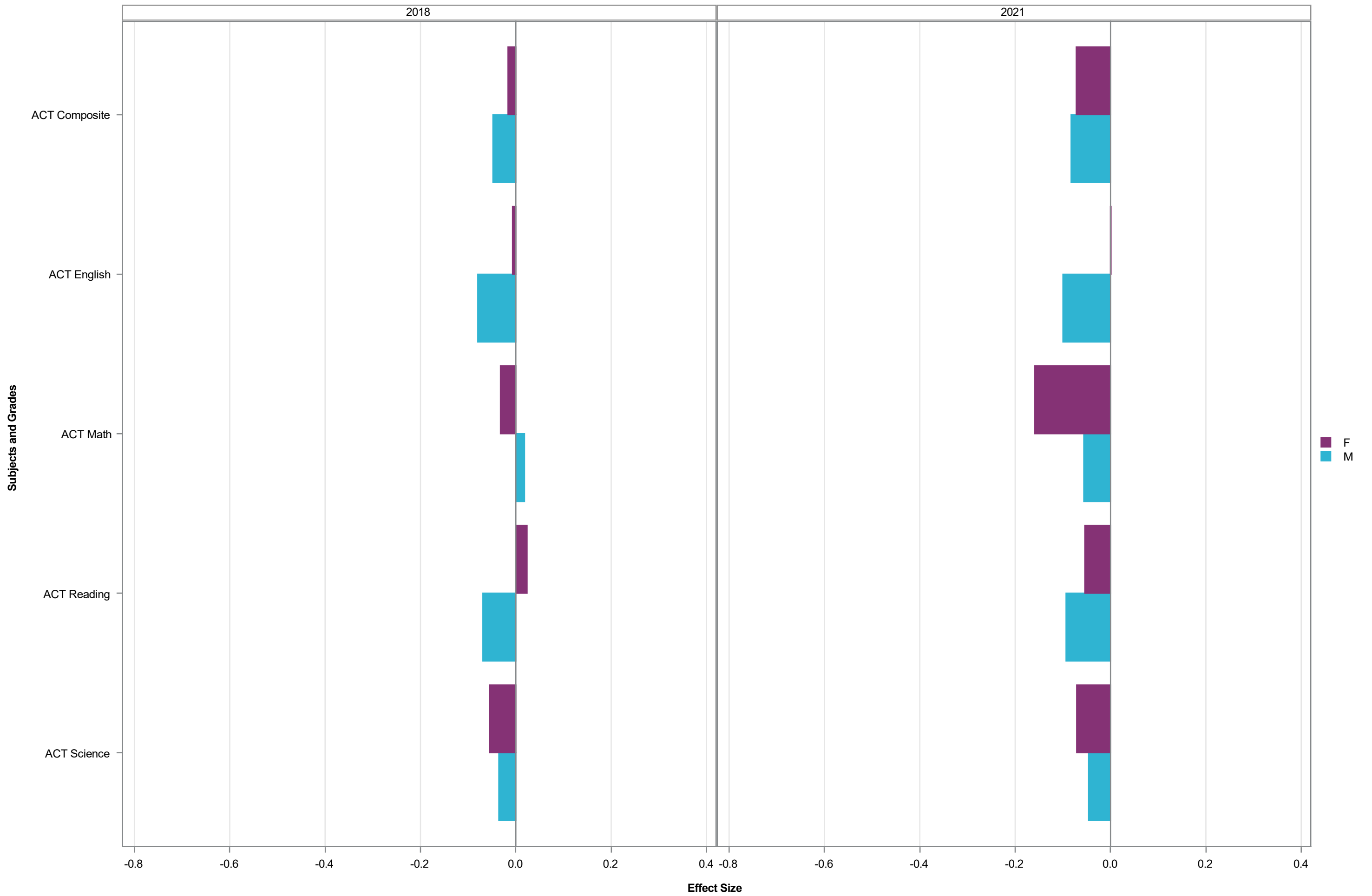
<b>Subject</b>	<b>correlation_2018</b>	<b>correlation_2019</b>	<b>correlation_2021</b>
ACT Composite	0.87353	0.86681	0.86367
ACT English	0.82640	0.81292	0.81551
ACT Math	0.84182	0.84112	0.83193
ACT Reading	0.79911	0.80154	0.79573
ACT Science	0.78759	0.78138	0.77428
Biology	0.86142	0.84938	0.85611
English II	0.86813	0.86261	0.86481
NC Math 1	0.86869	0.84415	0.81108
NC Math 3			0.81555
Math Grade 5	0.86657	0.82138	0.78619
Math Grade 6	0.87336	0.84293	0.80623
Math Grade 7	0.89681	0.85100	0.81629
Math Grade 8	0.80725	0.73636	0.67042
Reading Grade 3	0.73320	0.70012	0.67861
Reading Grade 4	0.85698	0.70820	0.70192
Reading Grade 5	0.86606	0.84119	0.82272
Reading Grade 6	0.87780	0.85330	0.82419
Reading Grade 7	0.87550	0.85170	0.83668
Reading Grade 8	0.87329	0.85105	0.84262
Science Grade 5	0.81235	0.56142	0.77636
Science Grade 8	0.86010	0.84895	0.84527



# Effect Size by Subject Grade - Sex



# Effect Size by Subject Grade - Sex



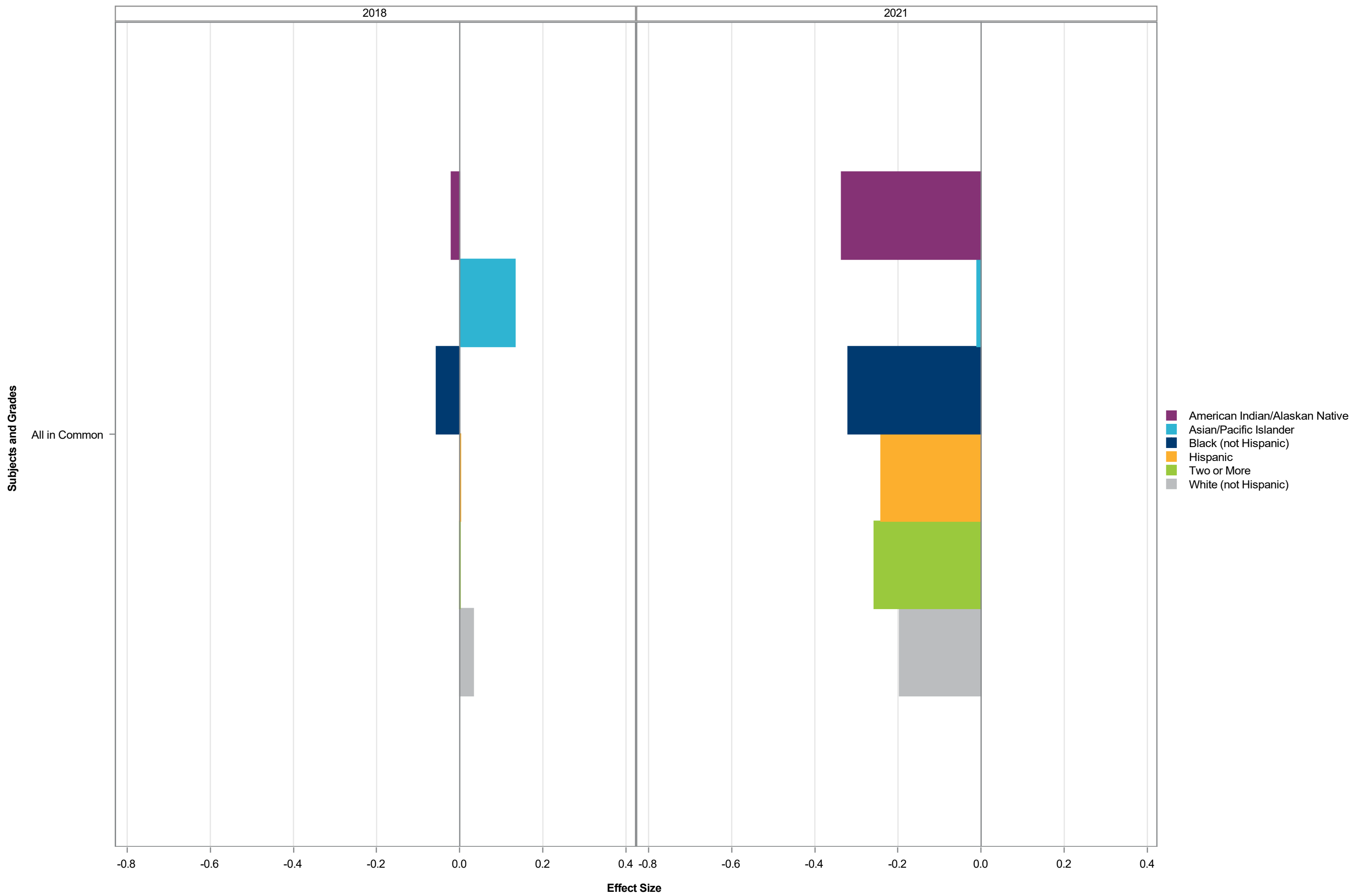
### Effect Size by Subject Grade - Sex - 2021

Assessment	Sex					
	F			M		
	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.24	0.0006	914183	-0.23	0.0006	937363
Reading Grade 3	-0.16	0.0033	43761	-0.13	0.0033	45478
Reading Grade 4	-0.30	0.0032	44835	-0.26	0.0032	46756
Reading Grade 5	-0.17	0.0024	47843	-0.14	0.0024	49606
Reading Grade 6	-0.16	0.0022	48032	-0.20	0.0022	50619
Reading Grade 7	-0.18	0.0021	50710	-0.22	0.0022	52796
Reading Grade 8	-0.15	0.0021	49224	-0.19	0.0021	51513
English II	0.10	0.0019	50208	0.02	0.0021	51556
Science Grade 5	-0.51	0.0029	47743	-0.36	0.0030	49521
Science Grade 8	-0.27	0.0023	49391	-0.23	0.0024	51858
Biology	-0.31	0.0023	48197	-0.30	0.0023	48843
Math Grade 5	-0.50	0.0028	47792	-0.41	0.0028	49558
Math Grade 6	-0.47	0.0026	47994	-0.42	0.0024	50557
Math Grade 7	-0.40	0.0024	50622	-0.36	0.0023	52746
Math Grade 8	-0.52	0.0034	33666	-0.51	0.0033	36098
NC Math 1	-0.37	0.0024	51185	-0.37	0.0023	54437
NC Math 3	-0.11	0.0027	46187	-0.11	0.0028	45397
ACT Composite	-0.07	0.0023	40564	-0.08	0.0026	39018
ACT English	-0.00	0.0028	40617	-0.10	0.0029	39132
ACT Math	-0.16	0.0026	40606	-0.06	0.0029	39102
ACT Reading	-0.05	0.0028	40597	-0.09	0.0032	39087
ACT Science	-0.07	0.0028	40596	-0.05	0.0032	39082

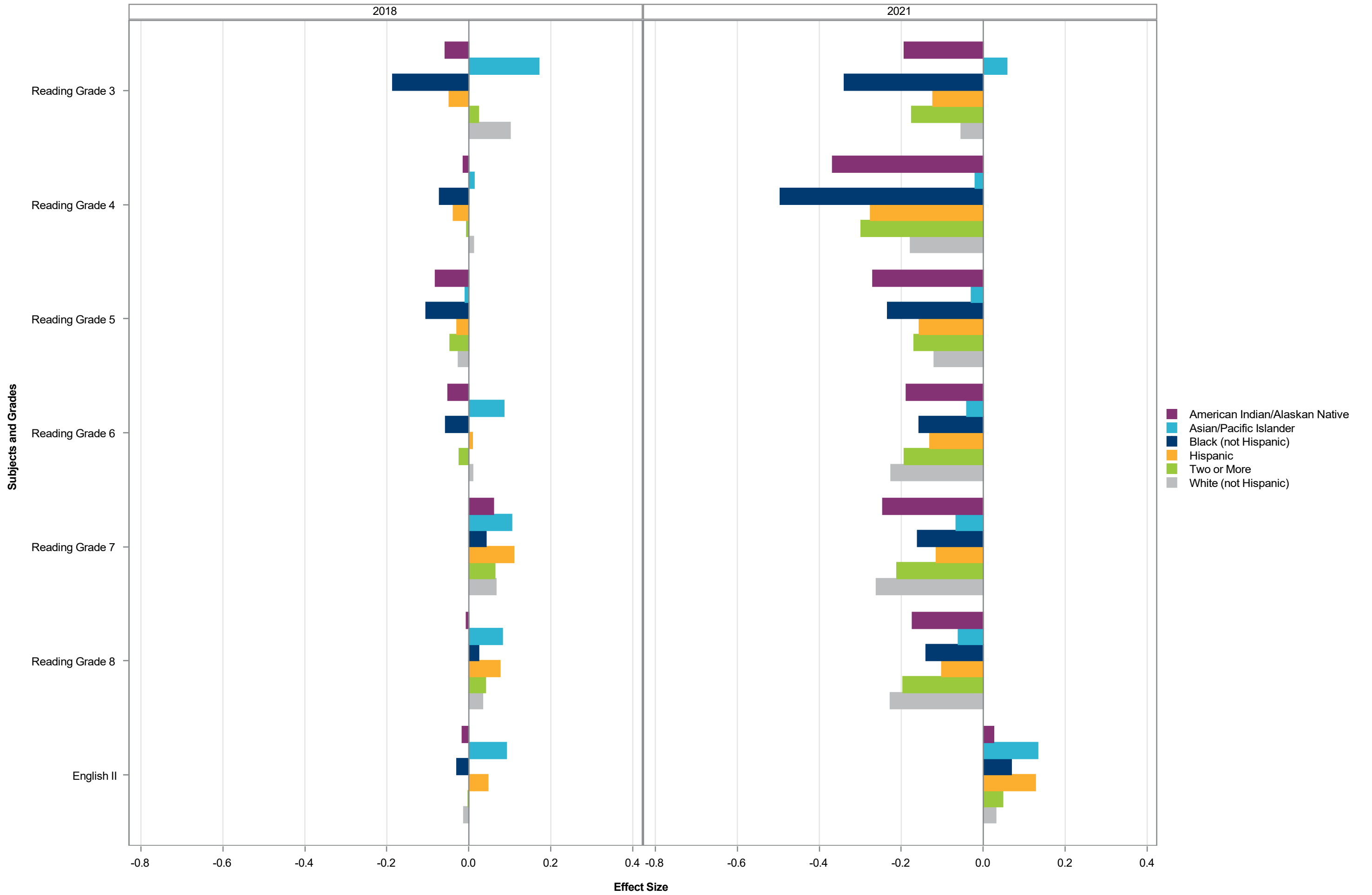
### Effect Size by Subject Grade - Sex - 2018

Assessment	Sex					
	F			M		
	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	0.03	0.0005	1017745	-0.01	0.0005	1047871
Reading Grade 3	0.00	0.0027	52459	-0.01	0.0028	55064
Reading Grade 4	0.01	0.0021	55590	-0.05	0.0021	57898
Reading Grade 5	-0.02	0.0020	54043	-0.07	0.0021	56527
Reading Grade 6	0.03	0.0019	54572	-0.04	0.0020	56660
Reading Grade 7	0.10	0.0020	51687	0.04	0.0021	53741
Reading Grade 8	0.10	0.0021	48464	-0.02	0.0022	50960
English II	0.08	0.0019	53173	-0.09	0.0021	55125
Science Grade 5	-0.06	0.0024	53525	0.06	0.0026	55990
Science Grade 8	0.01	0.0022	48599	0.08	0.0024	51131
Biology	0.11	0.0022	52740	0.08	0.0023	54084
Math Grade 5	0.02	0.0021	53972	-0.00	0.0022	56451
Math Grade 6	0.03	0.0021	54523	-0.02	0.0021	56614
Math Grade 7	0.07	0.0020	51629	0.02	0.0020	53652
Math Grade 8	0.04	0.0029	33175	0.00	0.0029	36699
NC Math 1	0.06	0.0021	55471	0.00	0.0021	58391
ACT Composite	-0.02	0.0019	48762	-0.05	0.0022	47616
ACT English	-0.01	0.0024	48847	-0.08	0.0025	47883
ACT Math	-0.03	0.0022	48852	0.02	0.0026	47846
ACT Reading	0.02	0.0023	48838	-0.07	0.0026	47800
ACT Science	-0.06	0.0024	48824	-0.04	0.0028	47739

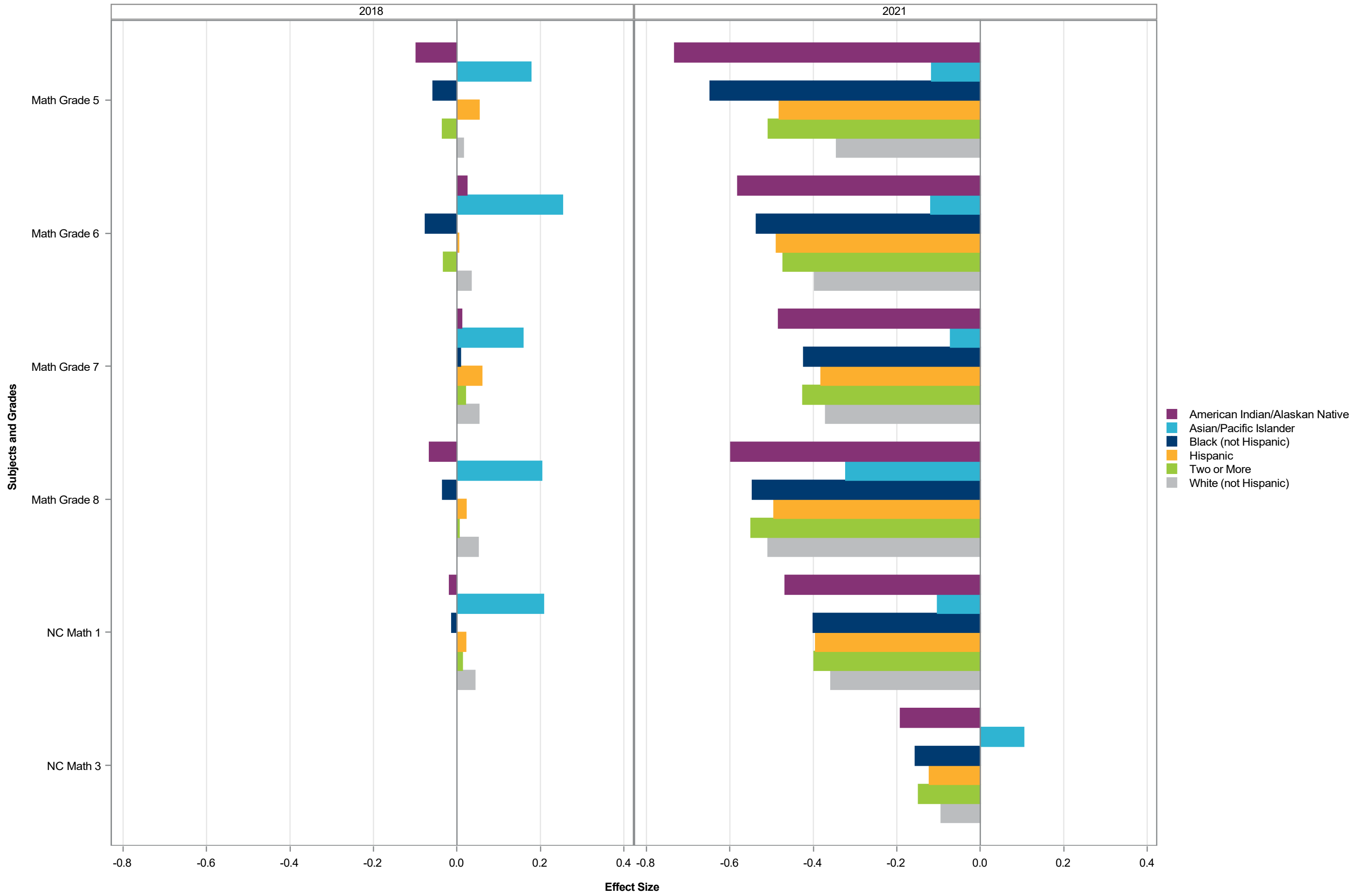
# Effect Size by Subject Grade - Race/Ethnicity



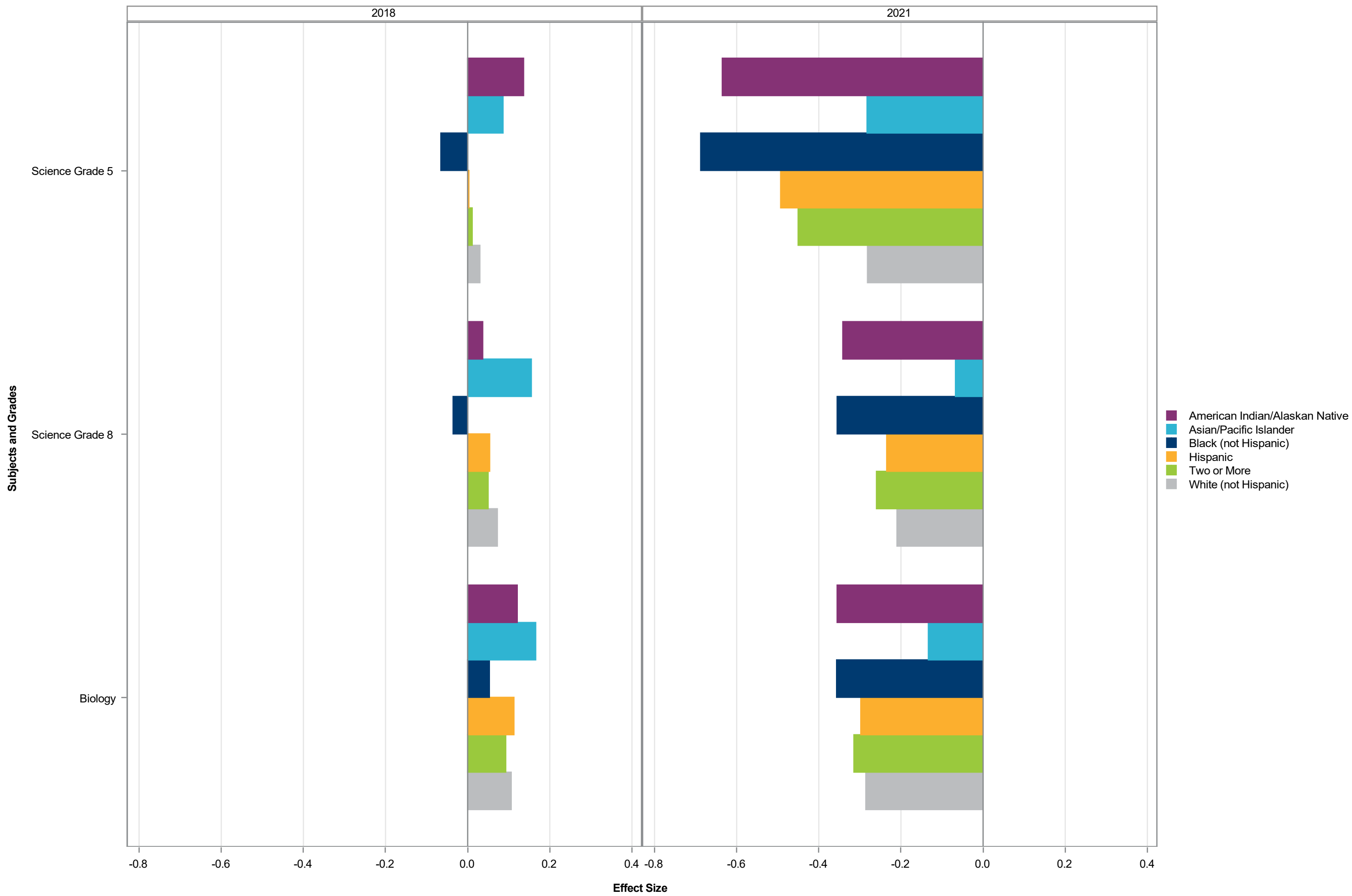
### Effect Size by Subject Grade - Race/Ethnicity



# Effect Size by Subject Grade - Race/Ethnicity

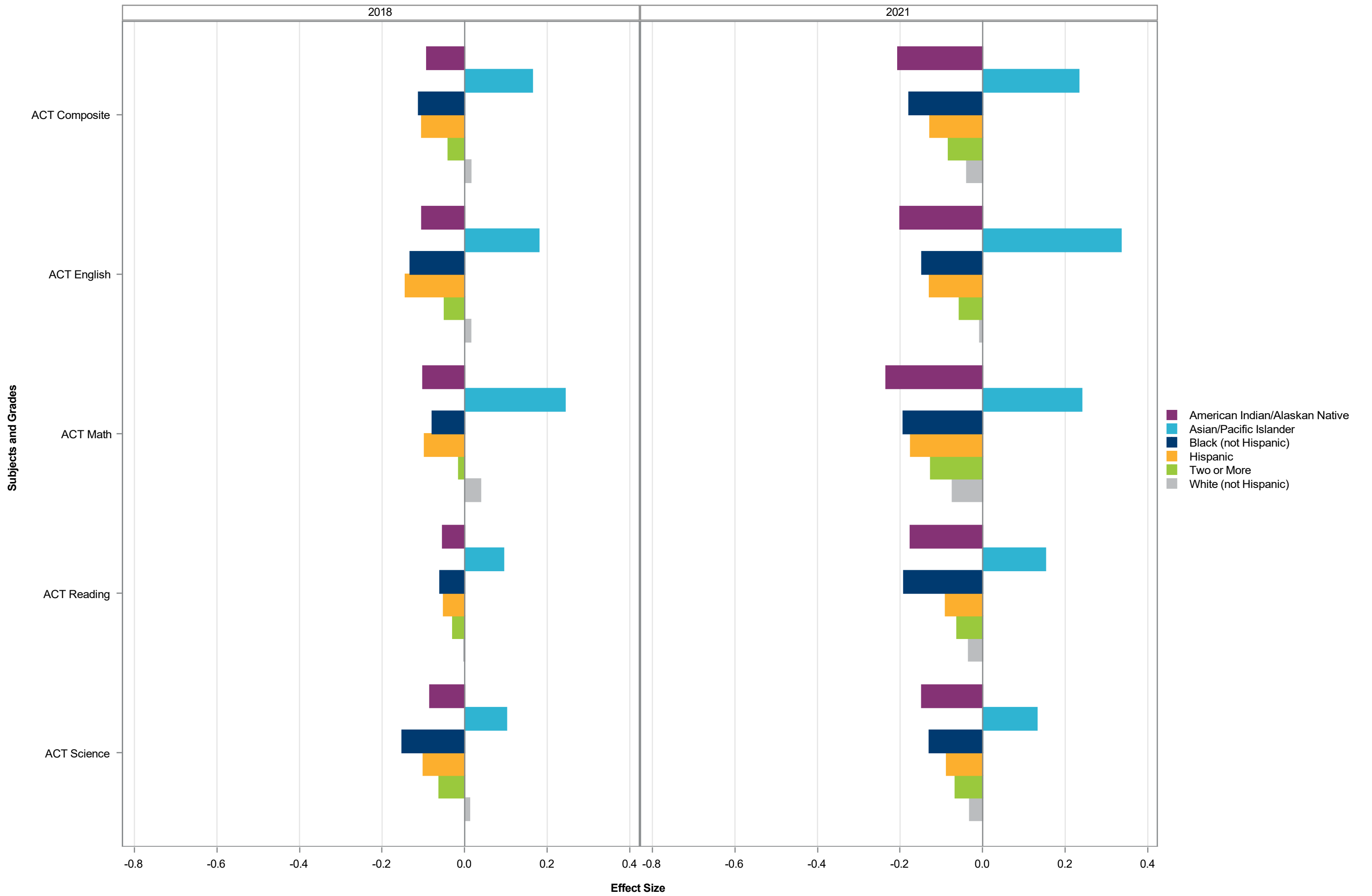


# Effect Size by Subject Grade - Race/Ethnicity





### Effect Size by Subject Grade - Race/Ethnicity



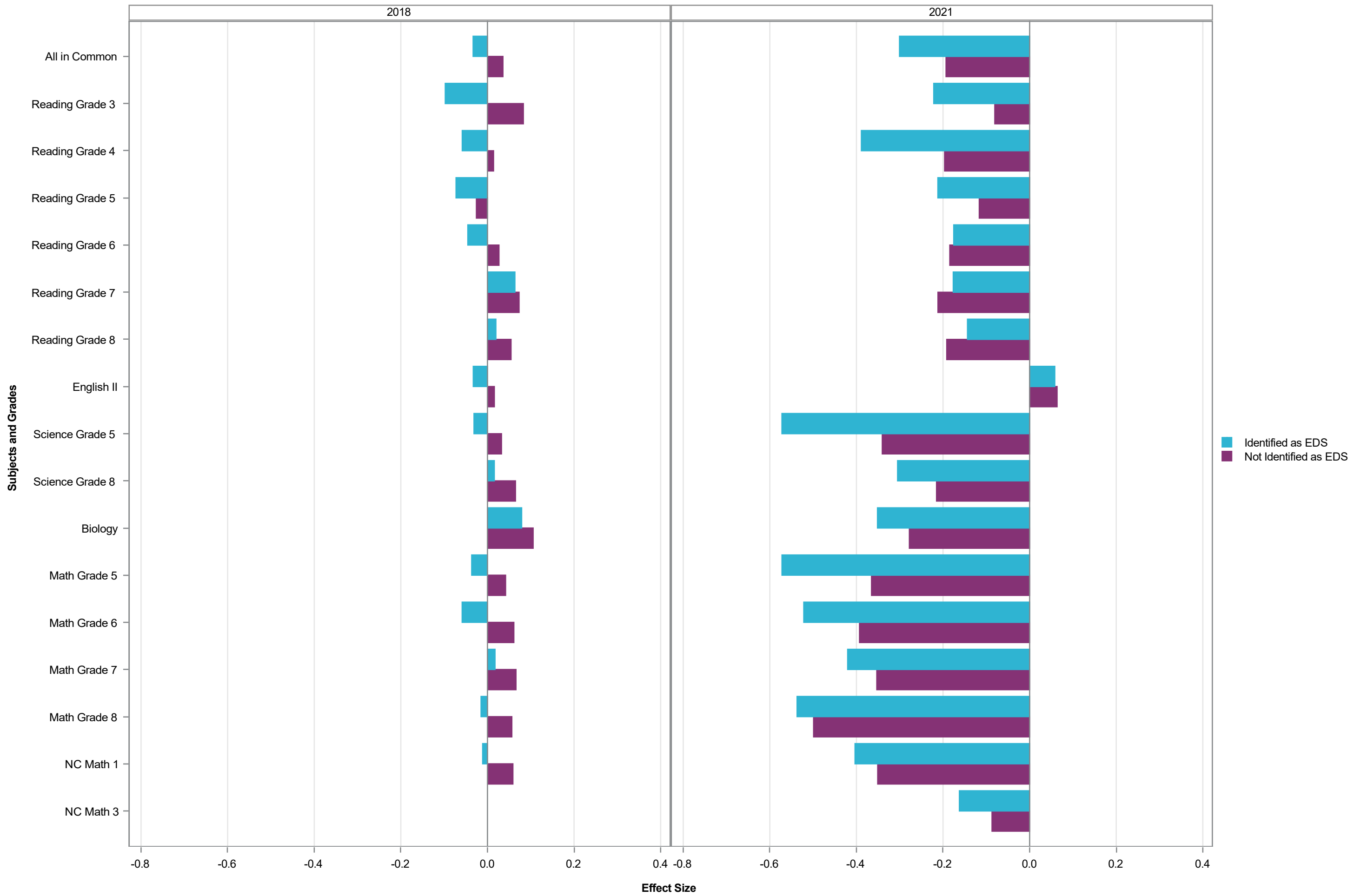
### Effect Size by Subject Grade - Race/Ethnicity - 2021

Assessment	Race/Ethnicity																	
	American Indian/Alaskan Native			Asian/Pacific Islander			Black (not Hispanic)			Hispanic			Two or More			White (not Hispanic)		
	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.34	0.0040	21290	-0.01	0.0024	64482	-0.32	0.0009	447608	-0.24	0.0010	347593	-0.26	0.0020	88340	-0.20	0.0006	882233
Reading Grade 3	-0.19	0.0200	1042	0.06	0.0113	3429	-0.34	0.0046	21998	-0.12	0.0050	17478	-0.17	0.0101	4829	-0.05	0.0034	40463
Reading Grade 4	-0.37	0.0190	1079	-0.02	0.0113	3469	-0.50	0.0044	22646	-0.28	0.0049	17872	-0.30	0.0096	4901	-0.18	0.0032	41624
Reading Grade 5	-0.27	0.0156	1093	-0.03	0.0082	3660	-0.23	0.0034	24035	-0.16	0.0038	19296	-0.17	0.0077	4893	-0.12	0.0025	44472
Reading Grade 6	-0.19	0.0148	1223	-0.04	0.0079	3526	-0.16	0.0031	24910	-0.13	0.0035	19472	-0.19	0.0074	4742	-0.23	0.0023	44778
Reading Grade 7	-0.25	0.0146	1158	-0.07	0.0076	3557	-0.16	0.0030	25855	-0.11	0.0033	20409	-0.21	0.0068	5035	-0.26	0.0022	47492
Reading Grade 8	-0.17	0.0137	1233	-0.06	0.0074	3457	-0.14	0.0030	24568	-0.10	0.0033	19779	-0.20	0.0068	4741	-0.23	0.0022	46959
English II	0.03	0.0138	1108	0.13	0.0073	3347	0.07	0.0029	24719	0.13	0.0033	18687	0.05	0.0072	4414	0.03	0.0021	49489
Science Grade 5	-0.64	0.0206	1091	-0.28	0.0101	3662	-0.69	0.0040	23921	-0.49	0.0046	19280	-0.45	0.0092	4888	-0.28	0.0030	44422
Science Grade 8	-0.34	0.0157	1241	-0.07	0.0088	3447	-0.36	0.0033	24619	-0.23	0.0037	19859	-0.26	0.0077	4794	-0.21	0.0024	47289
Biology	-0.36	0.0150	1057	-0.13	0.0091	3478	-0.36	0.0032	23497	-0.30	0.0039	17299	-0.31	0.0078	4304	-0.29	0.0023	47405
Math Grade 5	-0.73	0.0180	1091	-0.12	0.0102	3658	-0.65	0.0037	23987	-0.48	0.0043	19288	-0.51	0.0090	4889	-0.34	0.0030	44437
Math Grade 6	-0.58	0.0157	1222	-0.12	0.0100	3512	-0.54	0.0034	24897	-0.49	0.0039	19454	-0.47	0.0079	4752	-0.40	0.0026	44714
Math Grade 7	-0.48	0.0156	1153	-0.07	0.0097	3555	-0.42	0.0032	25836	-0.38	0.0037	20419	-0.43	0.0076	5024	-0.37	0.0024	47381
Math Grade 8	-0.60	0.0199	1053	-0.32	0.0205	1163	-0.55	0.0042	19909	-0.49	0.0051	15378	-0.55	0.0107	3448	-0.51	0.0038	28813
NC Math 1	-0.47	0.0147	1173	-0.10	0.0104	3613	-0.40	0.0032	26509	-0.39	0.0038	20179	-0.40	0.0079	4871	-0.36	0.0025	49277
NC Math 3	-0.19	0.0176	1005	0.10	0.0100	3475	-0.16	0.0038	21406	-0.12	0.0046	15661	-0.15	0.0093	3987	-0.09	0.0028	46050
ACT Composite	-0.21	0.0161	853	0.23	0.0114	2788	-0.18	0.0036	17096	-0.13	0.0040	12670	-0.08	0.0082	3558	-0.04	0.0024	42617
ACT English	-0.20	0.0183	855	0.34	0.0136	2791	-0.15	0.0040	17165	-0.13	0.0046	12701	-0.06	0.0095	3569	-0.01	0.0028	42668
ACT Math	-0.23	0.0177	856	0.24	0.0139	2790	-0.19	0.0039	17154	-0.17	0.0044	12698	-0.13	0.0090	3565	-0.07	0.0027	42645
ACT Reading	-0.18	0.0190	855	0.15	0.0119	2789	-0.19	0.0044	17143	-0.09	0.0050	12690	-0.06	0.0102	3564	-0.03	0.0030	42643
ACT Science	-0.15	0.0196	854	0.13	0.0121	2791	-0.13	0.0046	17144	-0.09	0.0051	12685	-0.07	0.0100	3559	-0.03	0.0029	42645

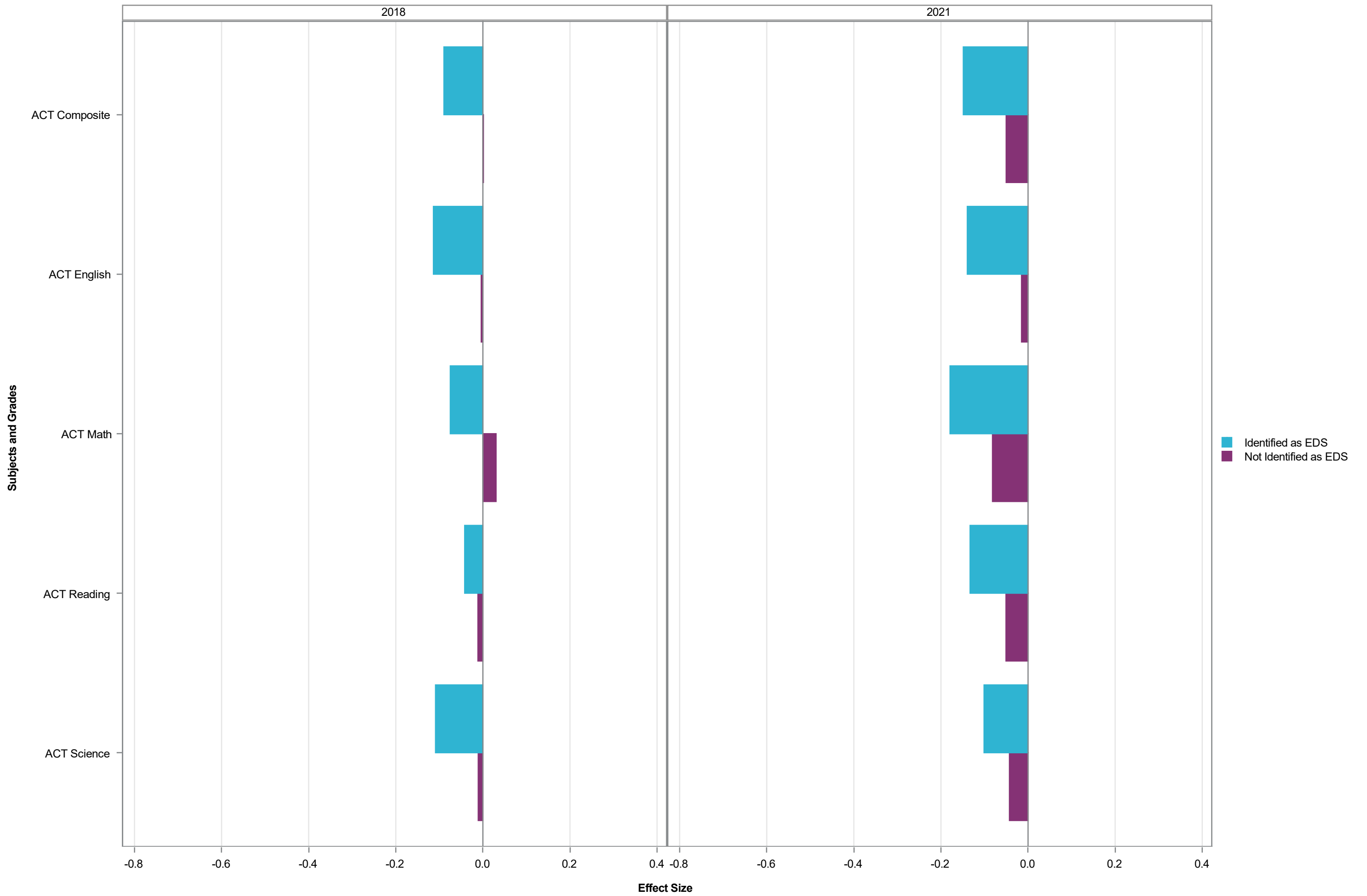
**Effect Size by Subject Grade - Race/Ethnicity - 2018**

Assessment	Race/Ethnicity																	
	American Indian/Alaskan Native			Asian/Pacific Islander			Black (not Hispanic)			Hispanic			Two or More			White (not Hispanic)		
	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.02	0.0033	25194	0.13	0.0020	63622	-0.06	0.0007	520322	0.00	0.0009	346326	-0.00	0.0018	86769	0.03	0.0005	1023383
Reading Grade 3	-0.06	0.0166	1410	0.17	0.0096	3698	-0.19	0.0037	27865	-0.05	0.0043	20118	0.02	0.0093	4588	0.10	0.0028	49844
Reading Grade 4	-0.01	0.0144	1331	0.01	0.0078	3706	-0.07	0.0030	28963	-0.04	0.0034	20948	-0.01	0.0072	5148	0.01	0.0022	53392
Reading Grade 5	-0.08	0.0135	1376	-0.01	0.0076	3572	-0.10	0.0029	27727	-0.03	0.0033	20670	-0.05	0.0070	4856	-0.03	0.0021	52369
Reading Grade 6	-0.05	0.0137	1287	0.09	0.0071	3713	-0.06	0.0029	27980	0.01	0.0032	20215	-0.02	0.0069	4851	0.01	0.0020	53186
Reading Grade 7	0.06	0.0142	1290	0.10	0.0078	3206	0.04	0.0029	26227	0.11	0.0034	18338	0.06	0.0072	4389	0.07	0.0021	51978
Reading Grade 8	-0.01	0.0146	1203	0.08	0.0080	3037	0.02	0.0031	24409	0.08	0.0037	16272	0.04	0.0074	4378	0.03	0.0022	50125
English II	-0.02	0.0130	1381	0.09	0.0072	3218	-0.03	0.0028	27600	0.05	0.0036	16928	-0.00	0.0071	4423	-0.01	0.0020	54748
Science Grade 5	0.14	0.0174	1362	0.09	0.0094	3544	-0.07	0.0037	27406	0.00	0.0042	20522	0.01	0.0086	4777	0.03	0.0025	51904
Science Grade 8	0.04	0.0150	1208	0.16	0.0088	3037	-0.04	0.0034	24484	0.05	0.0041	16306	0.05	0.0079	4392	0.07	0.0023	50303
Biology	0.12	0.0169	1291	0.17	0.0083	3383	0.05	0.0033	27516	0.11	0.0042	16357	0.09	0.0082	4235	0.11	0.0022	54042
Math Grade 5	-0.10	0.0142	1374	0.18	0.0076	3571	-0.06	0.0031	27675	0.05	0.0036	20637	-0.03	0.0076	4843	0.02	0.0022	52323
Math Grade 6	0.02	0.0141	1285	0.25	0.0076	3713	-0.08	0.0030	27941	0.00	0.0035	20193	-0.03	0.0072	4843	0.03	0.0021	53162
Math Grade 7	0.01	0.0136	1283	0.16	0.0078	3205	0.01	0.0030	26165	0.06	0.0036	18304	0.02	0.0071	4381	0.05	0.0020	51943
Math Grade 8	-0.07	0.0169	961	0.20	0.0163	1089	-0.03	0.0038	20431	0.02	0.0048	13043	0.01	0.0095	3113	0.05	0.0030	31237
NC Math 1	-0.02	0.0141	1542	0.21	0.0084	3493	-0.01	0.0030	29116	0.02	0.0038	18554	0.01	0.0072	4917	0.04	0.0021	56240
ACT Composite	-0.09	0.0122	1122	0.16	0.0098	2885	-0.11	0.0029	23639	-0.10	0.0036	13754	-0.04	0.0075	3714	0.02	0.0020	51264
ACT English	-0.10	0.0141	1122	0.18	0.0122	2889	-0.13	0.0033	23832	-0.14	0.0043	13795	-0.05	0.0087	3733	0.01	0.0024	51359
ACT Math	-0.10	0.0137	1122	0.24	0.0121	2888	-0.08	0.0032	23813	-0.10	0.0041	13795	-0.01	0.0086	3735	0.04	0.0024	51345
ACT Reading	-0.05	0.0151	1122	0.09	0.0105	2886	-0.06	0.0034	23790	-0.05	0.0044	13791	-0.03	0.0090	3733	-0.00	0.0025	51316
ACT Science	-0.08	0.0163	1122	0.10	0.0109	2889	-0.15	0.0037	23743	-0.10	0.0046	13786	-0.06	0.0096	3720	0.01	0.0025	51303

# Effect Size by Subject Grade - EDS



# Effect Size by Subject Grade - EDS



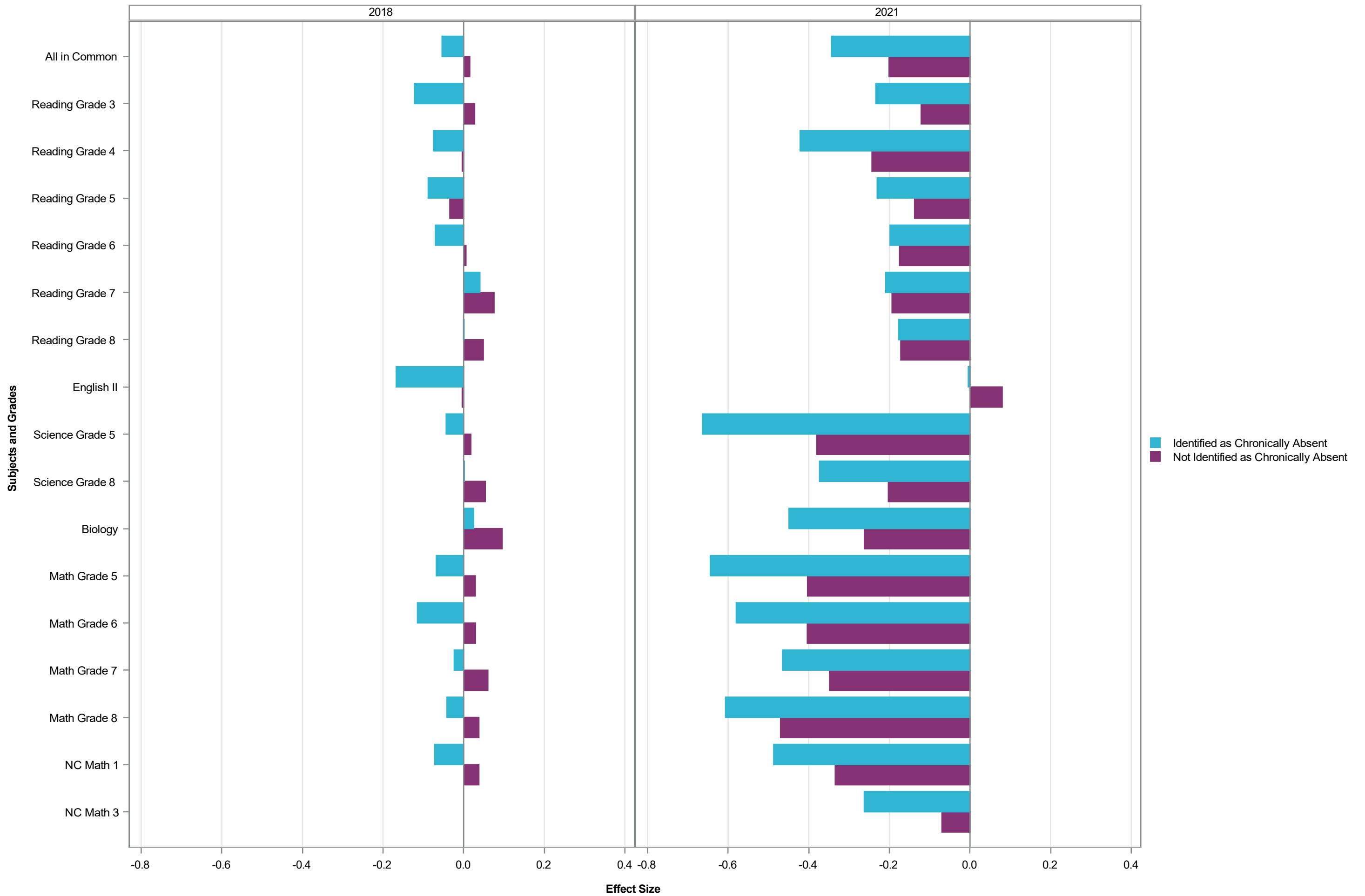
### Effect Size by Subject Grade - EDS - 2021

Assessment	EDS					
	Identified as EDS			Not Identified as EDS		
	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.30	0.0007	685357	-0.19	0.0005	1166189
Reading Grade 3	-0.22	0.0035	38748	-0.08	0.0030	50491
Reading Grade 4	-0.39	0.0034	38909	-0.20	0.0029	52682
Reading Grade 5	-0.21	0.0026	40242	-0.12	0.0022	57207
Reading Grade 6	-0.18	0.0025	41070	-0.18	0.0020	57581
Reading Grade 7	-0.18	0.0024	41185	-0.21	0.0019	62321
Reading Grade 8	-0.14	0.0024	38375	-0.19	0.0019	62362
English II	0.06	0.0025	34107	0.06	0.0017	67657
Science Grade 5	-0.57	0.0032	40088	-0.34	0.0027	57176
Science Grade 8	-0.30	0.0027	38509	-0.21	0.0021	62740
Biology	-0.35	0.0028	31383	-0.28	0.0020	65657
Math Grade 5	-0.57	0.0030	40166	-0.37	0.0026	57184
Math Grade 6	-0.52	0.0027	41049	-0.39	0.0023	57502
Math Grade 7	-0.42	0.0026	41135	-0.35	0.0021	62233
Math Grade 8	-0.54	0.0034	32369	-0.50	0.0033	37395
NC Math 1	-0.40	0.0027	38859	-0.35	0.0021	66763
NC Math 3	-0.16	0.0035	27076	-0.09	0.0023	64508
ACT Composite	-0.15	0.0031	21790	-0.05	0.0021	57792
ACT English	-0.14	0.0035	21865	-0.01	0.0025	57884
ACT Math	-0.18	0.0034	21854	-0.08	0.0024	57854
ACT Reading	-0.13	0.0039	21831	-0.05	0.0025	57853
ACT Science	-0.10	0.0040	21823	-0.04	0.0025	57855

### Effect Size by Subject Grade - EDS - 2018

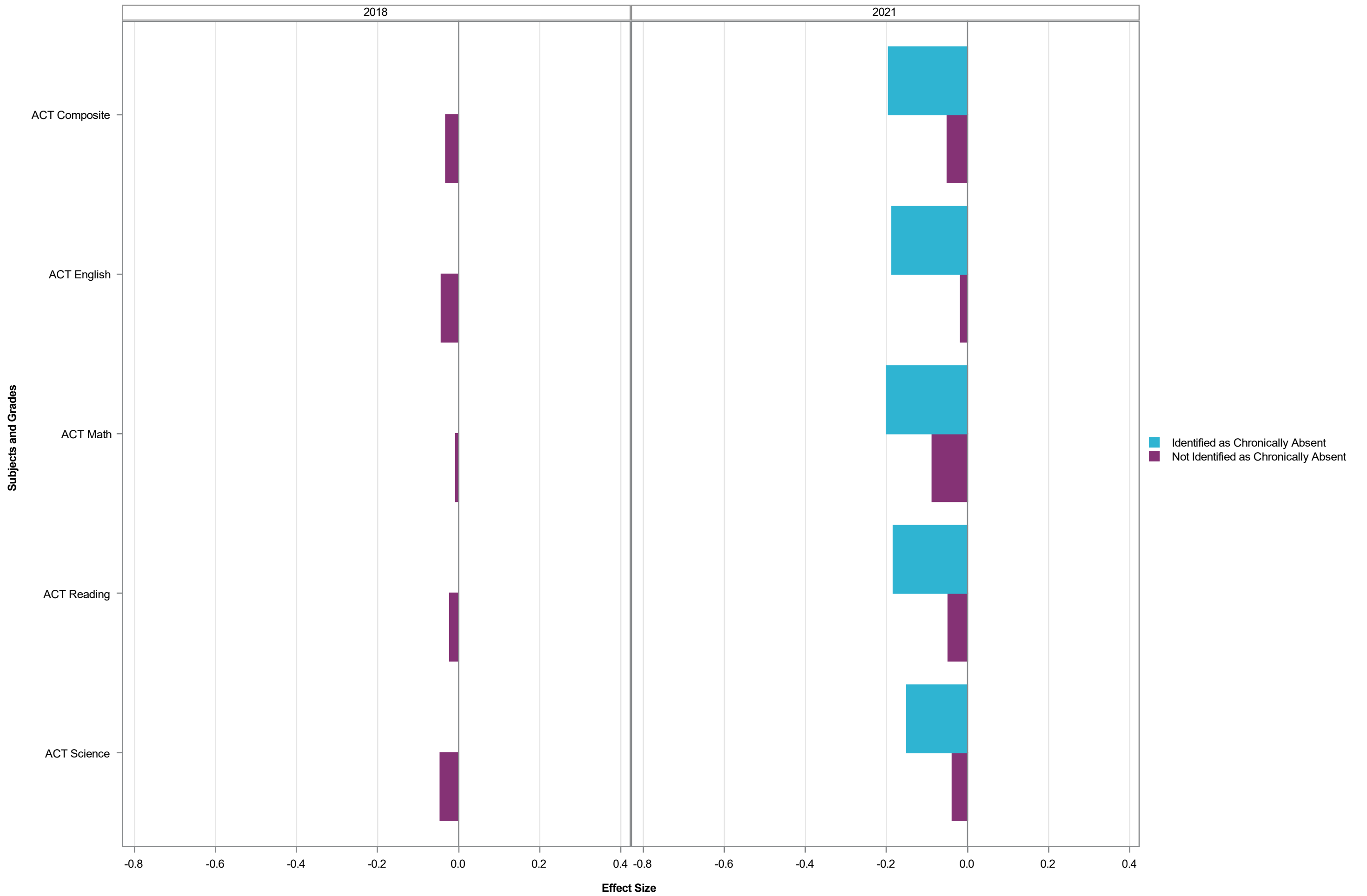
Assessment	EDS					
	Identified as EDS			Not Identified as EDS		
	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.03	0.0006	885711	0.04	0.0005	1179905
Reading Grade 3	-0.10	0.0028	51959	0.08	0.0026	55564
Reading Grade 4	-0.06	0.0022	53352	0.01	0.0020	60136
Reading Grade 5	-0.07	0.0022	50892	-0.03	0.0019	59678
Reading Grade 6	-0.05	0.0021	51854	0.03	0.0019	59378
Reading Grade 7	0.06	0.0022	47000	0.07	0.0019	58428
Reading Grade 8	0.02	0.0024	42456	0.05	0.0020	56968
English II	-0.03	0.0023	44523	0.02	0.0018	63775
Science Grade 5	-0.03	0.0027	50307	0.03	0.0024	59208
Science Grade 8	0.02	0.0026	42566	0.06	0.0021	57164
Biology	0.08	0.0027	42799	0.11	0.0020	64025
Math Grade 5	-0.04	0.0023	50791	0.04	0.0020	59632
Math Grade 6	-0.06	0.0022	51798	0.06	0.0020	59339
Math Grade 7	0.02	0.0022	46882	0.07	0.0019	58399
Math Grade 8	-0.01	0.0028	36336	0.06	0.0029	33538
NC Math 1	-0.01	0.0023	49784	0.06	0.0020	64078
ACT Composite	-0.09	0.0023	34371	-0.00	0.0019	62007
ACT English	-0.11	0.0027	34547	-0.00	0.0022	62183
ACT Math	-0.07	0.0026	34535	0.03	0.0022	62163
ACT Reading	-0.04	0.0028	34503	-0.01	0.0022	62135
ACT Science	-0.11	0.0030	34456	-0.01	0.0023	62107

# Effect Size by Subject Grade - Chronically Absent





# Effect Size by Subject Grade - Chronically Absent



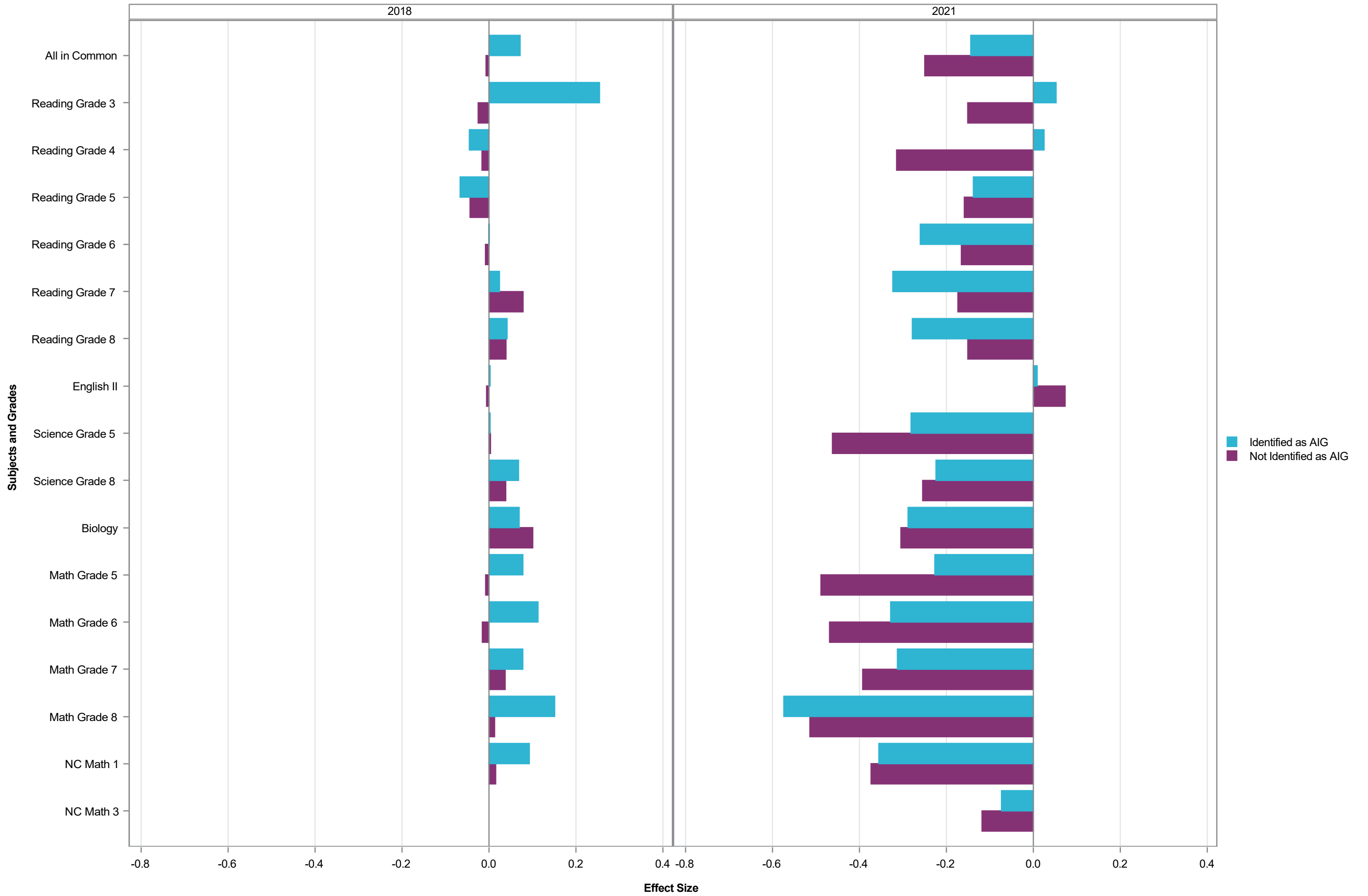
### Effect Size by Subject Grade - Chronically Absent - 2021

Assessment	Chronically Absent					
	Identified as Chronically Absent			Not Identified as Chronically Absent		
	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.34	0.0009	415357	-0.20	0.0005	1436189
Reading Grade 3	-0.23	0.0054	16252	-0.12	0.0025	72987
Reading Grade 4	-0.42	0.0050	17863	-0.24	0.0025	73728
Reading Grade 5	-0.23	0.0039	19193	-0.14	0.0019	78256
Reading Grade 6	-0.20	0.0033	23931	-0.17	0.0018	74720
Reading Grade 7	-0.21	0.0030	27740	-0.19	0.0017	75766
Reading Grade 8	-0.18	0.0030	27526	-0.17	0.0017	73211
English II	-0.00	0.0033	22074	0.08	0.0016	79690
Science Grade 5	-0.66	0.0045	19072	-0.38	0.0023	78192
Science Grade 8	-0.37	0.0032	27633	-0.20	0.0019	73616
Biology	-0.45	0.0035	20458	-0.26	0.0018	76582
Math Grade 5	-0.64	0.0042	19151	-0.40	0.0022	78199
Math Grade 6	-0.58	0.0035	23937	-0.40	0.0020	74614
Math Grade 7	-0.46	0.0032	27793	-0.35	0.0019	75575
Math Grade 8	-0.61	0.0040	23830	-0.47	0.0029	45934
NC Math 1	-0.49	0.0034	24786	-0.33	0.0019	80836
NC Math 3	-0.26	0.0040	18752	-0.07	0.0022	72832
ACT Composite	-0.20	0.0039	14780	-0.05	0.0019	64802
ACT English	-0.19	0.0043	14863	-0.02	0.0023	64886
ACT Math	-0.20	0.0042	14841	-0.09	0.0022	64867
ACT Reading	-0.18	0.0048	14819	-0.05	0.0024	64865
ACT Science	-0.15	0.0051	14815	-0.04	0.0023	64863

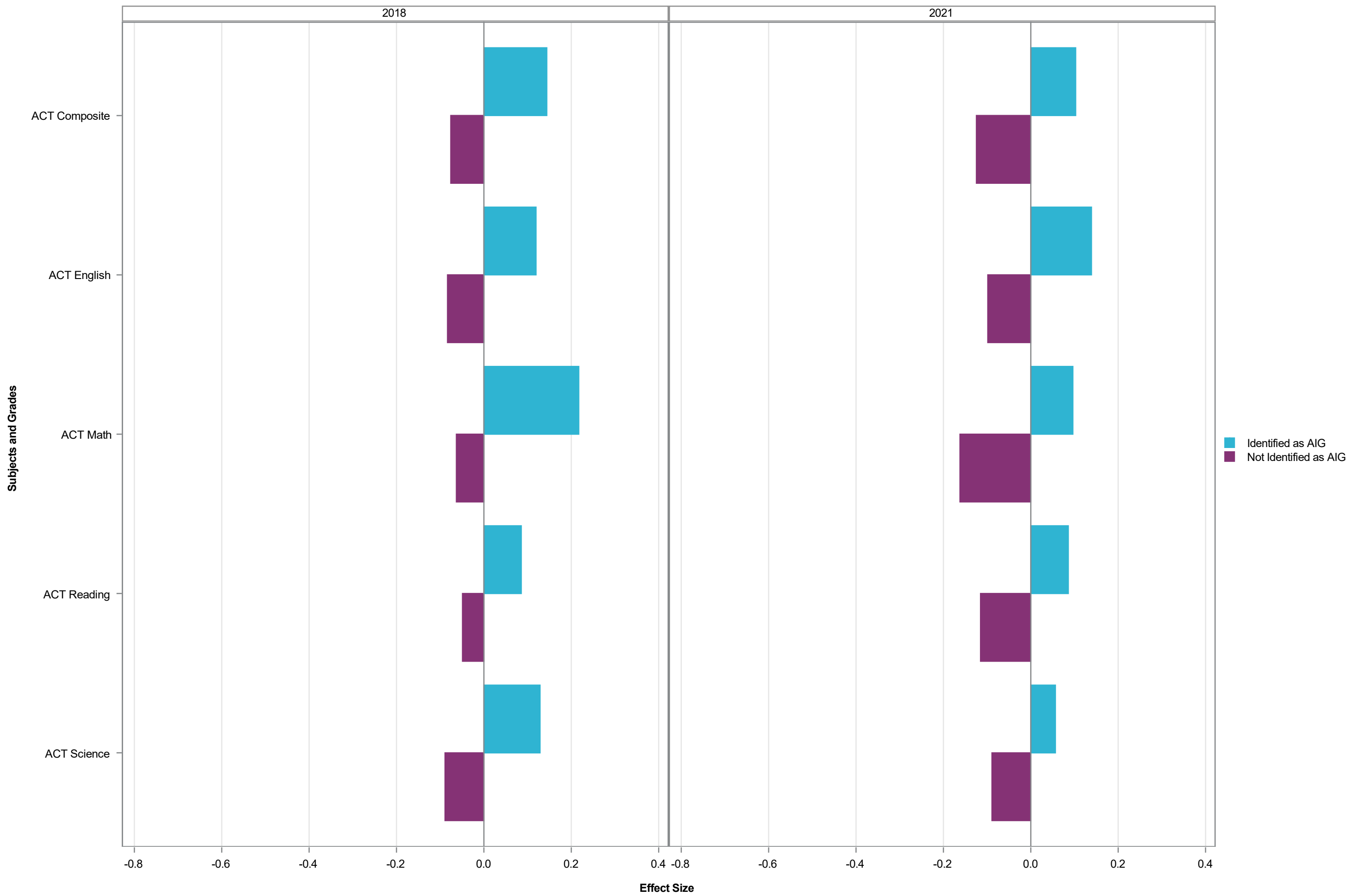
### Effect Size by Subject Grade - Chronically Absent - 2018

Assessment	Chronically Absent					
	Identified as Chronically Absent			Not Identified as Chronically Absent		
	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.05	0.0010	268732	0.02	0.0004	1796884
Reading Grade 3	-0.12	0.0042	22680	0.03	0.0022	84843
Reading Grade 4	-0.07	0.0032	26019	-0.00	0.0017	87469
Reading Grade 5	-0.09	0.0031	26310	-0.03	0.0016	84260
Reading Grade 6	-0.07	0.0036	18550	0.01	0.0015	92682
Reading Grade 7	0.04	0.0035	19847	0.08	0.0016	85581
Reading Grade 8	-0.00	0.0037	18630	0.05	0.0017	80794
English II	-0.17	0.0268	295	-0.00	0.0014	108003
Science Grade 5	-0.04	0.0038	26046	0.02	0.0020	83469
Science Grade 8	0.00	0.0040	18693	0.05	0.0018	81037
Biology	0.02	0.0174	897	0.10	0.0016	105927
Math Grade 5	-0.07	0.0033	26261	0.03	0.0017	84162
Math Grade 6	-0.11	0.0037	18518	0.03	0.0016	92619
Math Grade 7	-0.02	0.0035	19801	0.06	0.0016	85480
Math Grade 8	-0.04	0.0043	16282	0.04	0.0023	53592
NC Math 1	-0.07	0.0052	9893	0.04	0.0016	103969
ACT Composite	.	.	.	-0.03	0.0015	96376
ACT English	.	.	.	-0.04	0.0017	96728
ACT Math	.	.	.	-0.01	0.0017	96696
ACT Reading	.	.	.	-0.02	0.0018	96636
ACT Science	.	.	.	-0.05	0.0018	96561

# Effect Size by Subject Grade - AIG



# Effect Size by Subject Grade - AIG



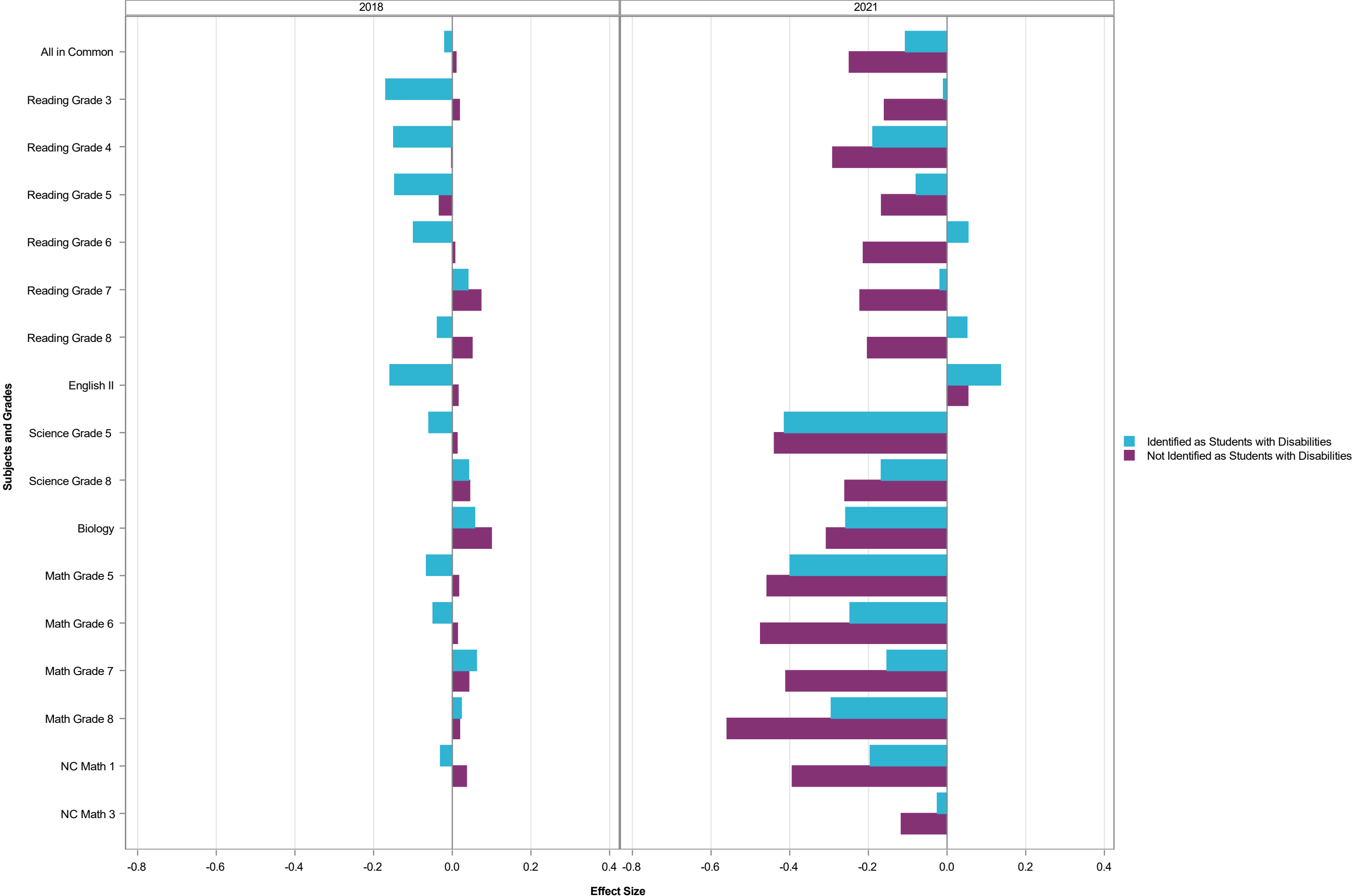
### Effect Size by Subject Grade - AIG - 2021

Assessment	AIG					
	Identified as AIG			Not Identified as AIG		
	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.14	0.0011	296605	-0.25	0.0005	1554941
Reading Grade 3	0.05	0.0105	4088	-0.15	0.0024	85151
Reading Grade 4	0.02	0.0065	9862	-0.31	0.0023	81729
Reading Grade 5	-0.14	0.0042	14147	-0.16	0.0018	83302
Reading Grade 6	-0.26	0.0037	15634	-0.17	0.0017	83017
Reading Grade 7	-0.32	0.0034	16673	-0.17	0.0016	86833
Reading Grade 8	-0.28	0.0032	17669	-0.15	0.0017	83068
English II	0.01	0.0032	18084	0.07	0.0016	83680
Science Grade 5	-0.28	0.0051	14144	-0.46	0.0023	83120
Science Grade 8	-0.22	0.0038	17754	-0.25	0.0018	83495
Biology	-0.29	0.0038	17868	-0.30	0.0018	79172
Math Grade 5	-0.23	0.0053	14132	-0.49	0.0021	83218
Math Grade 6	-0.33	0.0046	15618	-0.47	0.0019	82933
Math Grade 7	-0.31	0.0043	16595	-0.39	0.0018	86773
Math Grade 8	-0.57	0.0130	3113	-0.51	0.0024	66651
NC Math 1	-0.36	0.0044	18364	-0.37	0.0018	87258
NC Math 3	-0.07	0.0045	18233	-0.12	0.0021	73351
ACT Composite	0.10	0.0044	16564	-0.12	0.0018	63018
ACT English	0.14	0.0053	16575	-0.10	0.0021	63174
ACT Math	0.10	0.0051	16574	-0.16	0.0020	63134
ACT Reading	0.09	0.0050	16573	-0.11	0.0023	63111
ACT Science	0.06	0.0051	16574	-0.09	0.0023	63104

### Effect Size by Subject Grade - AIG - 2018

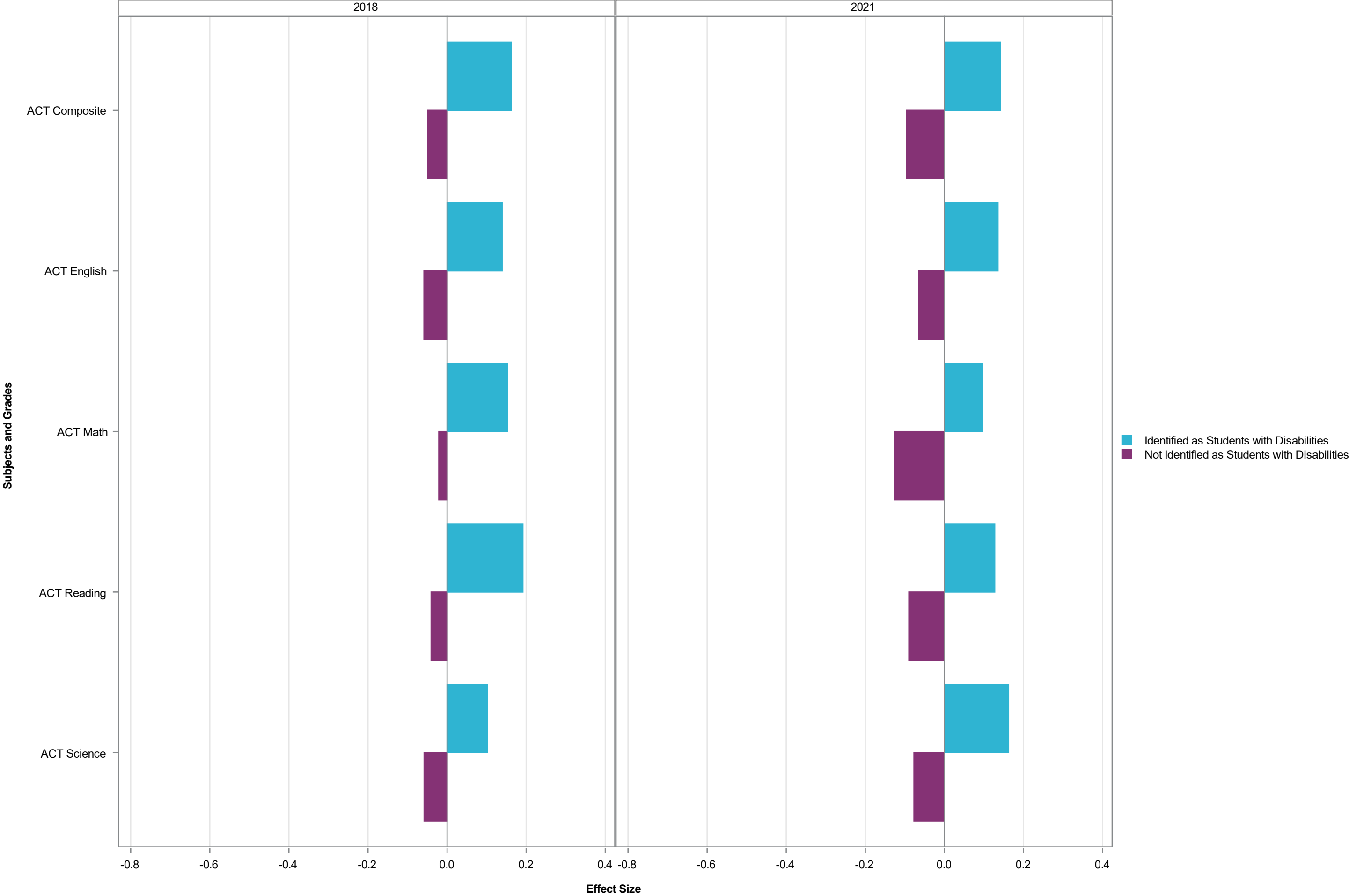
Assessment	AIG					
	Identified as AIG			Not Identified as AIG		
	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	0.07	0.0009	342317	-0.01	0.0004	1723299
Reading Grade 3	0.25	0.0065	7950	-0.02	0.0020	99573
Reading Grade 4	-0.05	0.0038	14755	-0.02	0.0016	98733
Reading Grade 5	-0.07	0.0034	17534	-0.04	0.0016	93036
Reading Grade 6	-0.00	0.0032	17931	-0.01	0.0016	93301
Reading Grade 7	0.02	0.0032	18651	0.08	0.0016	86777
Reading Grade 8	0.04	0.0033	18076	0.04	0.0017	81348
English II	0.00	0.0029	19764	-0.01	0.0016	88534
Science Grade 5	0.00	0.0040	17454	0.00	0.0020	92061
Science Grade 8	0.07	0.0035	18124	0.04	0.0018	81606
Biology	0.07	0.0034	19648	0.10	0.0018	87176
Math Grade 5	0.08	0.0035	17530	-0.01	0.0017	92893
Math Grade 6	0.11	0.0034	17932	-0.02	0.0017	93205
Math Grade 7	0.08	0.0031	18644	0.04	0.0016	86637
Math Grade 8	0.15	0.0091	3256	0.01	0.0021	66618
NC Math 1	0.09	0.0034	18962	0.02	0.0017	94900
ACT Composite	0.14	0.0037	19209	-0.08	0.0016	77169
ACT English	0.12	0.0045	19228	-0.08	0.0018	77502
ACT Math	0.22	0.0043	19226	-0.06	0.0018	77472
ACT Reading	0.09	0.0043	19219	-0.05	0.0019	77419
ACT Science	0.13	0.0044	19224	-0.09	0.0020	77339

# Effect Size by Subject Grade - Students with Disabilities





# Effect Size by Subject Grade - Students with Disabilities



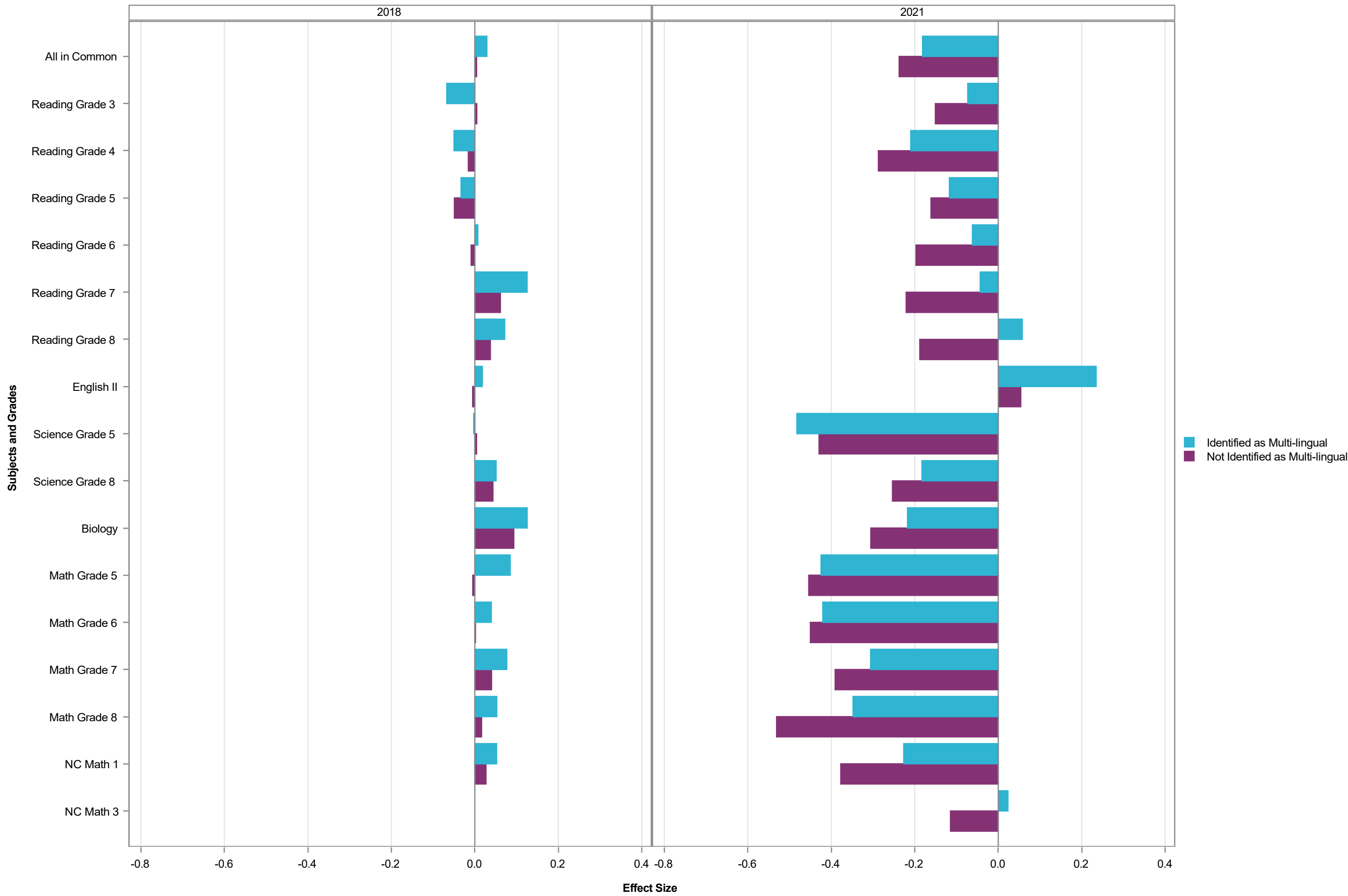
### Effect Size by Subject Grade - Students with Disabilities - 2021

Assessment	Students with Disabilities					
	Identified as Students with Disabilities			Not Identified as Students with Disabilities		
	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.11	0.0012	204784	-0.25	0.0005	1646762
Reading Grade 3	-0.01	0.0063	10526	-0.16	0.0025	78713
Reading Grade 4	-0.19	0.0062	11385	-0.29	0.0024	80206
Reading Grade 5	-0.08	0.0047	12038	-0.17	0.0018	85411
Reading Grade 6	0.05	0.0045	12000	-0.21	0.0017	86651
Reading Grade 7	-0.02	0.0043	12140	-0.22	0.0016	91366
Reading Grade 8	0.05	0.0043	11638	-0.20	0.0016	89099
English II	0.14	0.0045	10725	0.05	0.0015	91039
Science Grade 5	-0.41	0.0059	12012	-0.44	0.0022	85252
Science Grade 8	-0.17	0.0050	11706	-0.26	0.0018	89543
Biology	-0.26	0.0048	10422	-0.31	0.0017	86618
Math Grade 5	-0.40	0.0049	12057	-0.46	0.0022	85293
Math Grade 6	-0.25	0.0046	11987	-0.47	0.0019	86564
Math Grade 7	-0.15	0.0046	12149	-0.41	0.0018	91219
Math Grade 8	-0.29	0.0053	11219	-0.56	0.0026	58545
NC Math 1	-0.20	0.0043	12461	-0.39	0.0018	93161
NC Math 3	-0.02	0.0061	7287	-0.12	0.0020	84297
ACT Composite	0.14	0.0057	6040	-0.10	0.0018	73542
ACT English	0.14	0.0062	6095	-0.06	0.0021	73654
ACT Math	0.10	0.0062	6077	-0.13	0.0020	73631
ACT Reading	0.13	0.0072	6058	-0.09	0.0022	73626
ACT Science	0.16	0.0073	6049	-0.08	0.0022	73629

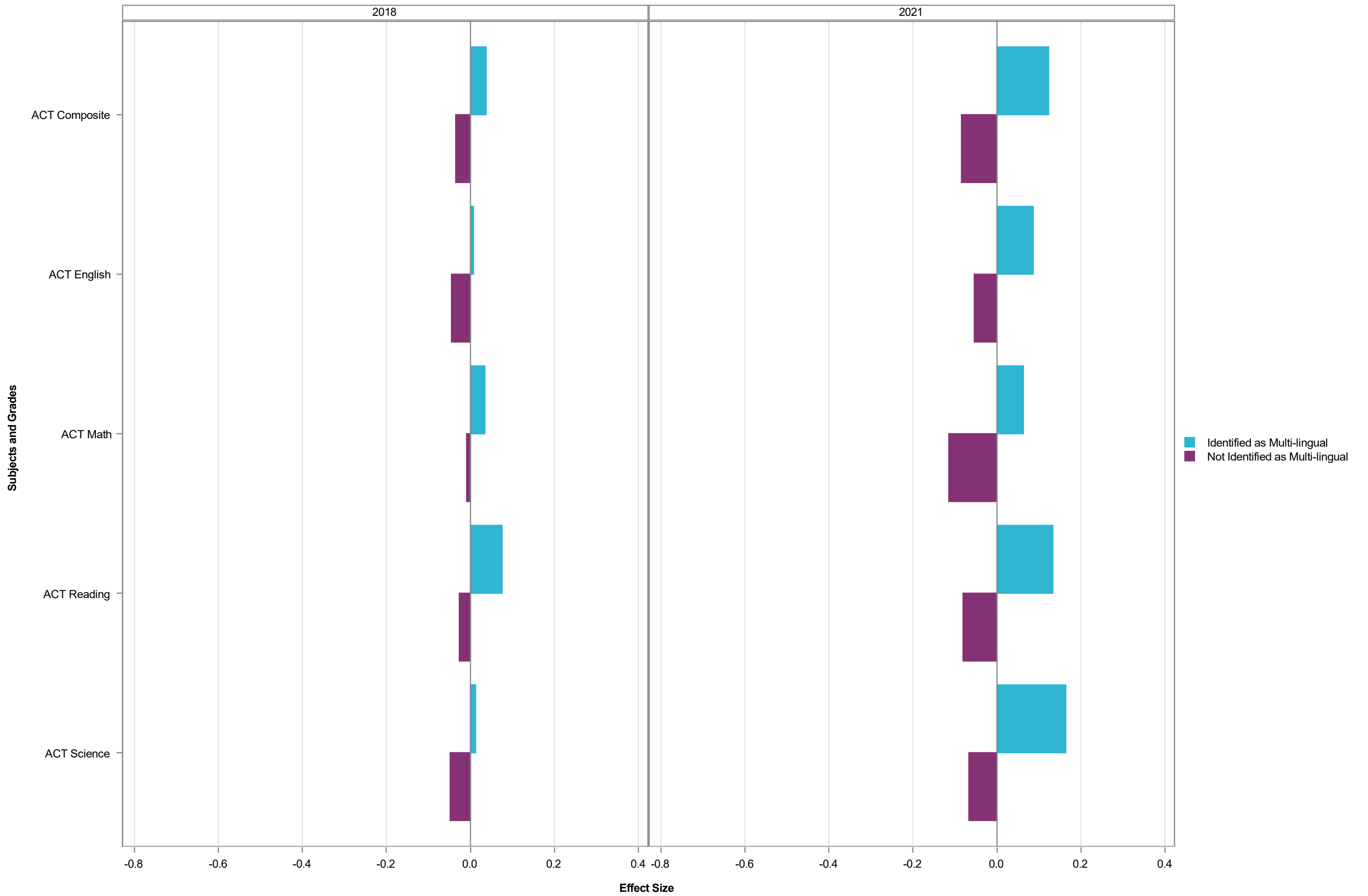
### Effect Size by Subject Grade - Students with Disabilities - 2018

Assessment	Students with Disabilities					
	Identified as Students with Disabilities			Not Identified as Students with Disabilities		
	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.02	0.0011	231808	0.01	0.0004	1833808
Reading Grade 3	-0.17	0.0056	12783	0.02	0.0020	94740
Reading Grade 4	-0.15	0.0046	14103	-0.00	0.0016	99385
Reading Grade 5	-0.15	0.0043	13848	-0.03	0.0015	96722
Reading Grade 6	-0.10	0.0043	13962	0.01	0.0015	97270
Reading Grade 7	0.04	0.0044	12739	0.07	0.0015	92689
Reading Grade 8	-0.04	0.0046	12201	0.05	0.0016	87223
English II	-0.16	0.0046	11773	0.01	0.0015	96525
Science Grade 5	-0.06	0.0056	13632	0.01	0.0019	95883
Science Grade 8	0.04	0.0050	12228	0.04	0.0017	87502
Biology	0.06	0.0054	11193	0.10	0.0017	95631
Math Grade 5	-0.07	0.0045	13810	0.02	0.0016	96613
Math Grade 6	-0.05	0.0042	13918	0.01	0.0016	97219
Math Grade 7	0.06	0.0043	12702	0.04	0.0015	92579
Math Grade 8	0.02	0.0047	11834	0.02	0.0023	58040
NC Math 1	-0.03	0.0042	13330	0.04	0.0016	100532
ACT Composite	0.16	0.0051	7506	-0.05	0.0015	88872
ACT English	0.14	0.0056	7585	-0.06	0.0018	89145
ACT Math	0.15	0.0055	7577	-0.02	0.0018	89121
ACT Reading	0.19	0.0062	7563	-0.04	0.0018	89075
ACT Science	0.10	0.0069	7521	-0.06	0.0019	89042

# Effect Size by Subject Grade - Multilingual Learners



# Effect Size by Subject Grade - Multilingual Learners



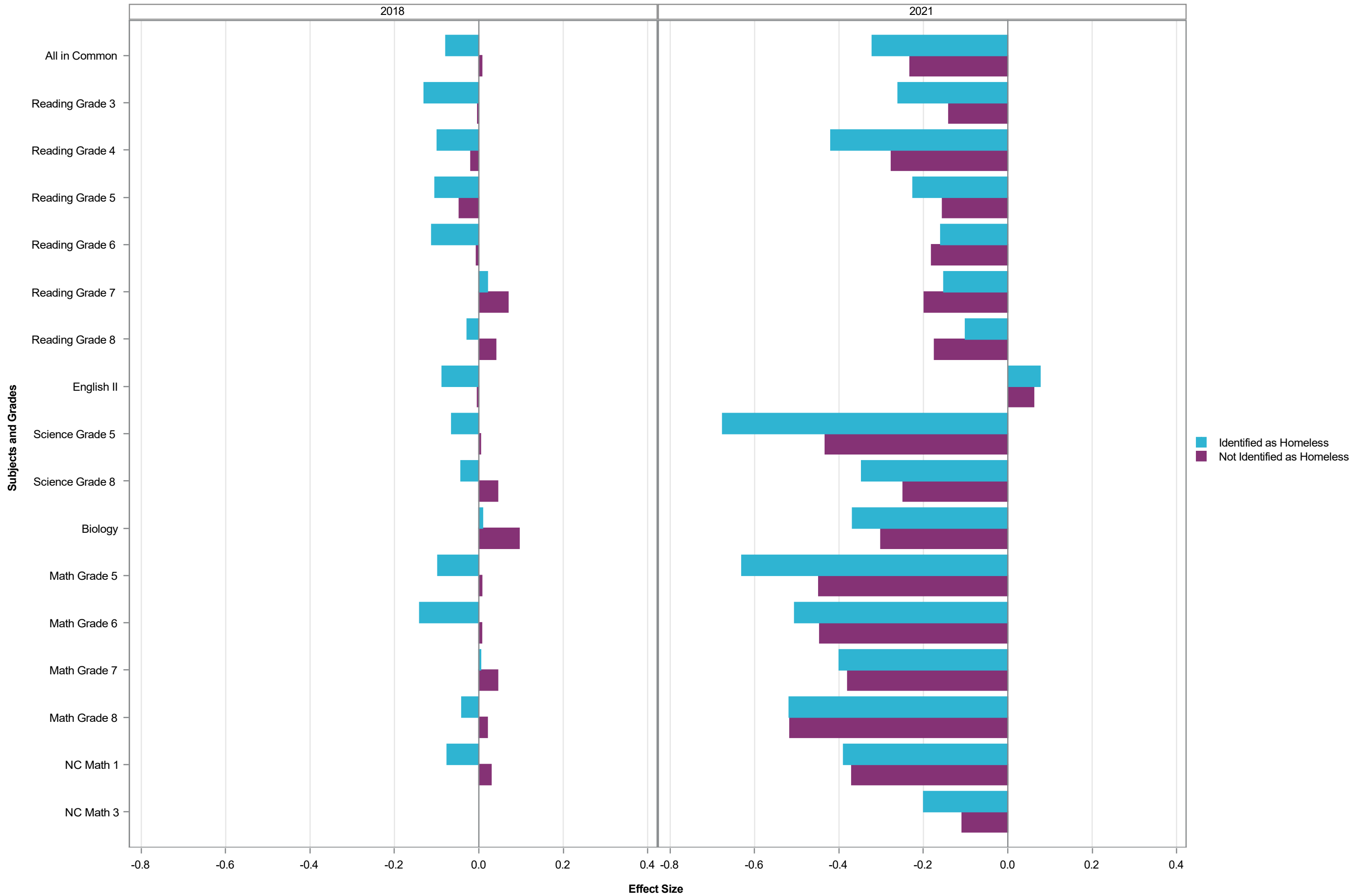
### Effect Size by Subject Grade - Multilingual Learners - 2021

Assessment	Multilingual Learners					
	Identified as Multi-lingual			Not Identified as Multi-lingual		
	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.18	0.0015	153041	-0.24	0.0004	1698505
Reading Grade 3	-0.07	0.0065	10372	-0.15	0.0025	78867
Reading Grade 4	-0.21	0.0065	10941	-0.29	0.0024	80650
Reading Grade 5	-0.12	0.0048	11836	-0.16	0.0018	85613
Reading Grade 6	-0.06	0.0045	12032	-0.20	0.0017	86619
Reading Grade 7	-0.04	0.0041	13397	-0.22	0.0016	90109
Reading Grade 8	0.06	0.0060	6080	-0.19	0.0015	94657
English II	0.23	0.0070	4260	0.05	0.0015	97504
Science Grade 5	-0.48	0.0058	11826	-0.43	0.0022	85438
Science Grade 8	-0.18	0.0069	6101	-0.25	0.0017	95148
Biology	-0.22	0.0081	4201	-0.31	0.0017	92839
Math Grade 5	-0.42	0.0055	11833	-0.45	0.0021	85517
Math Grade 6	-0.42	0.0050	12026	-0.45	0.0019	86525
Math Grade 7	-0.31	0.0046	13407	-0.39	0.0018	89961
Math Grade 8	-0.35	0.0081	5508	-0.53	0.0025	64256
NC Math 1	-0.23	0.0076	5012	-0.38	0.0017	100610
NC Math 3	0.02	0.0093	3516	-0.11	0.0020	88068
ACT Composite	0.12	0.0083	2836	-0.08	0.0018	76746
ACT English	0.09	0.0091	2848	-0.05	0.0021	76901
ACT Math	0.06	0.0096	2843	-0.11	0.0020	76865
ACT Reading	0.13	0.0095	2842	-0.08	0.0022	76842
ACT Science	0.16	0.0107	2840	-0.07	0.0022	76838

### Effect Size by Subject Grade - Multilingual Learners - 2018

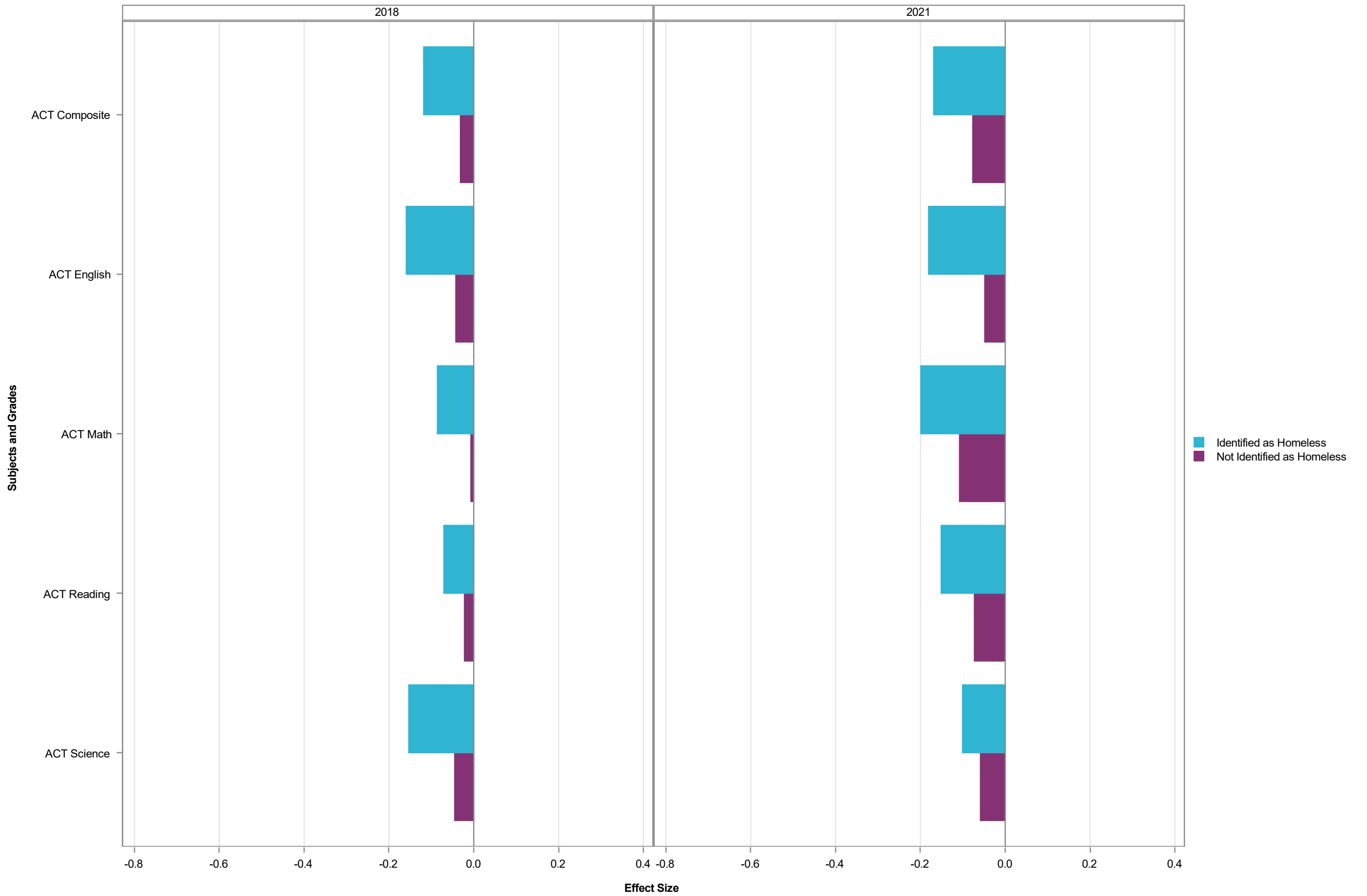
Assessment	Multilingual Learners					
	Identified as Multi-lingual			Not Identified as Multi-lingual		
	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	0.03	0.0012	176433	0.00	0.0004	1889183
Reading Grade 3	-0.07	0.0052	13280	0.00	0.0021	94243
Reading Grade 4	-0.05	0.0041	14276	-0.02	0.0016	99212
Reading Grade 5	-0.03	0.0041	13390	-0.05	0.0016	97180
Reading Grade 6	0.01	0.0039	13565	-0.01	0.0015	97667
Reading Grade 7	0.13	0.0041	12361	0.06	0.0015	93067
Reading Grade 8	0.07	0.0059	6673	0.04	0.0016	92751
English II	0.02	0.0067	5394	-0.01	0.0015	102904
Science Grade 5	-0.00	0.0053	13296	0.00	0.0019	96219
Science Grade 8	0.05	0.0067	6687	0.04	0.0017	93043
Biology	0.13	0.0080	5200	0.09	0.0016	101624
Math Grade 5	0.08	0.0045	13367	-0.00	0.0016	97056
Math Grade 6	0.04	0.0044	13555	0.00	0.0016	97582
Math Grade 7	0.08	0.0044	12339	0.04	0.0015	92942
Math Grade 8	0.05	0.0070	6040	0.02	0.0021	63834
NC Math 1	0.05	0.0064	6749	0.03	0.0016	107113
ACT Composite	0.04	0.0068	4048	-0.04	0.0015	92330
ACT English	0.01	0.0077	4055	-0.05	0.0018	92675
ACT Math	0.03	0.0076	4053	-0.01	0.0017	92645
ACT Reading	0.08	0.0079	4053	-0.03	0.0018	92585
ACT Science	0.01	0.0086	4052	-0.05	0.0019	92511

# Effect Size by Subject Grade - Homeless





# Effect Size by Subject Grade - Homeless



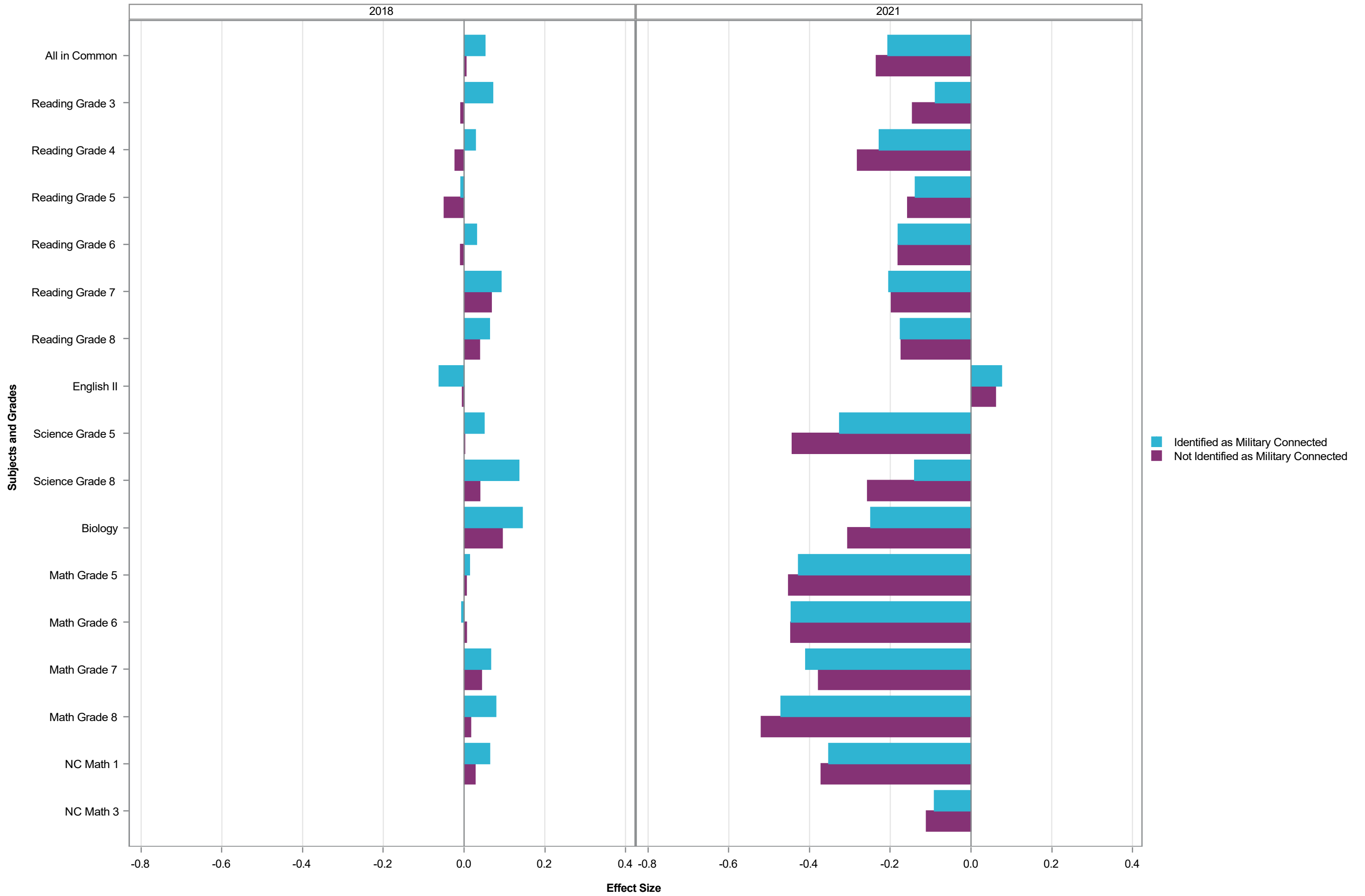
### Effect Size by Subject Grade - Homeless - 2021

Assessment	Homeless					
	Identified as Homeless			Not Identified as Homeless		
	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.32	0.0044	18227	-0.23	0.0004	1833319
Reading Grade 3	-0.26	0.0191	1258	-0.14	0.0023	87981
Reading Grade 4	-0.42	0.0187	1192	-0.28	0.0022	90399
Reading Grade 5	-0.22	0.0156	1201	-0.15	0.0017	96248
Reading Grade 6	-0.16	0.0163	1019	-0.18	0.0016	97632
Reading Grade 7	-0.15	0.0149	1075	-0.20	0.0015	102431
Reading Grade 8	-0.10	0.0154	987	-0.17	0.0015	99750
English II	0.08	0.0171	804	0.06	0.0014	100960
Science Grade 5	-0.68	0.0179	1198	-0.43	0.0021	96066
Science Grade 8	-0.35	0.0169	997	-0.25	0.0017	100252
Biology	-0.37	0.0175	786	-0.30	0.0016	96254
Math Grade 5	-0.63	0.0167	1202	-0.45	0.0020	96148
Math Grade 6	-0.51	0.0172	1021	-0.45	0.0018	97530
Math Grade 7	-0.40	0.0161	1088	-0.38	0.0017	102280
Math Grade 8	-0.52	0.0200	915	-0.52	0.0024	68849
NC Math 1	-0.39	0.0167	929	-0.37	0.0017	104693
NC Math 3	-0.20	0.0206	746	-0.11	0.0019	90838
ACT Composite	-0.17	0.0211	508	-0.08	0.0018	79074
ACT English	-0.18	0.0237	514	-0.05	0.0020	79235
ACT Math	-0.20	0.0234	514	-0.11	0.0020	79194
ACT Reading	-0.15	0.0267	511	-0.07	0.0021	79173
ACT Science	-0.10	0.0268	508	-0.06	0.0021	79170

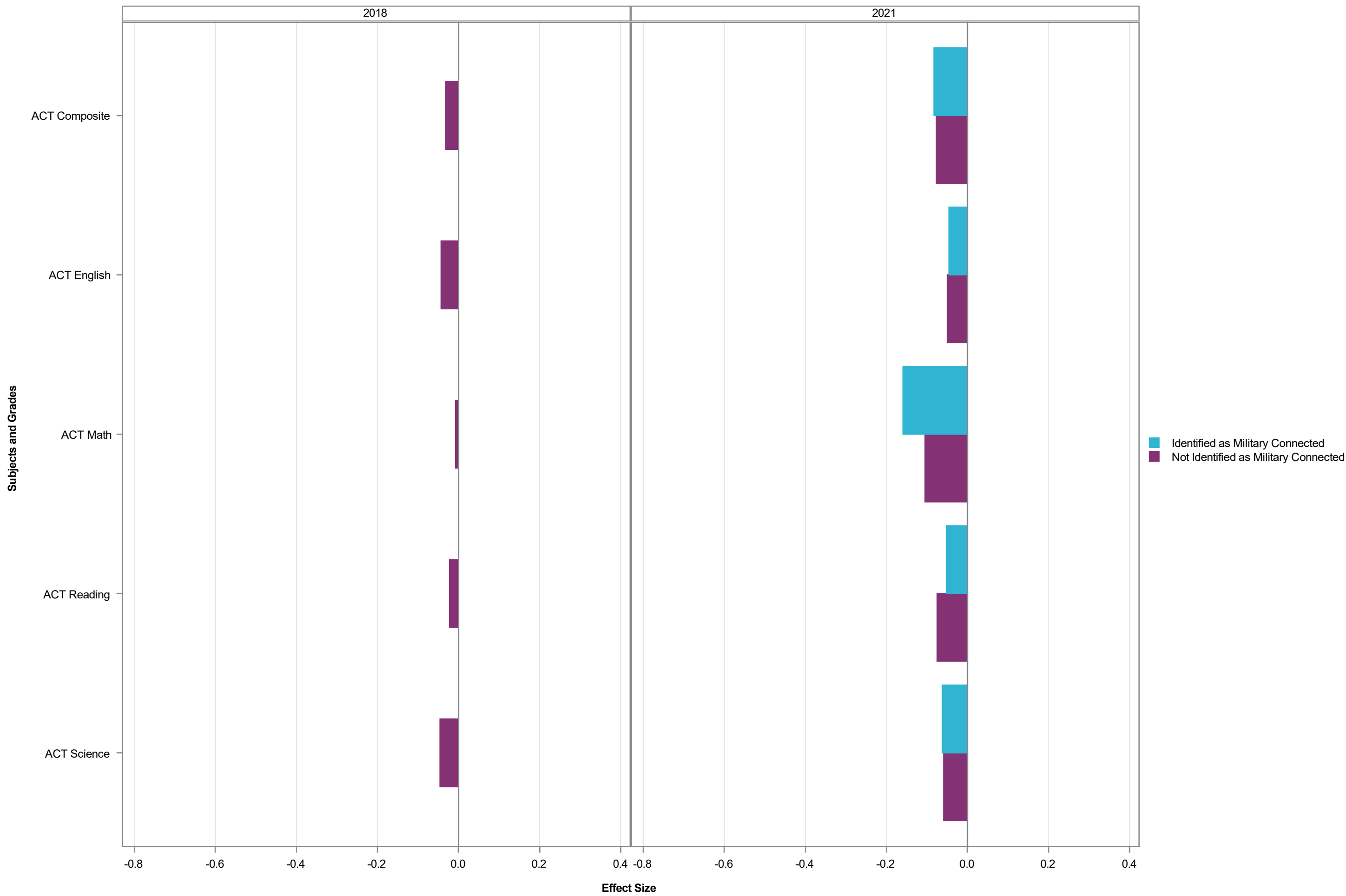
### Effect Size by Subject Grade - Homeless - 2018

Assessment	Homeless					
	Identified as Homeless			Not Identified as Homeless		
	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.08	0.0041	17872	0.01	0.0004	204774 4
Reading Grade 3	-0.13	0.0193	1128	-0.00	0.0019	106395
Reading Grade 4	-0.10	0.0159	1143	-0.02	0.0015	112345
Reading Grade 5	-0.10	0.0151	1161	-0.05	0.0015	109409
Reading Grade 6	-0.11	0.0159	1028	-0.01	0.0014	110204
Reading Grade 7	0.02	0.0168	907	0.07	0.0015	104521
Reading Grade 8	-0.03	0.0173	887	0.04	0.0015	98537
English II	-0.09	0.0181	817	-0.00	0.0014	107481
Science Grade 5	-0.06	0.0180	1121	0.00	0.0018	108394
Science Grade 8	-0.04	0.0180	883	0.04	0.0016	98847
Biology	0.01	0.0194	830	0.10	0.0016	105994
Math Grade 5	-0.10	0.0156	1157	0.01	0.0015	109266
Math Grade 6	-0.14	0.0155	1024	0.01	0.0015	110113
Math Grade 7	0.00	0.0160	901	0.04	0.0015	104380
Math Grade 8	-0.04	0.0190	819	0.02	0.0021	69055
NC Math 1	-0.08	0.0178	887	0.03	0.0015	112975
ACT Composite	-0.12	0.0189	629	-0.03	0.0015	95749
ACT English	-0.16	0.0225	640	-0.04	0.0017	96090
ACT Math	-0.09	0.0217	638	-0.01	0.0017	96060
ACT Reading	-0.07	0.0229	636	-0.02	0.0018	96002
ACT Science	-0.15	0.0233	636	-0.04	0.0019	95927

# Effect Size by Subject Grade - Military Connected



# Effect Size by Subject Grade - Military Connected



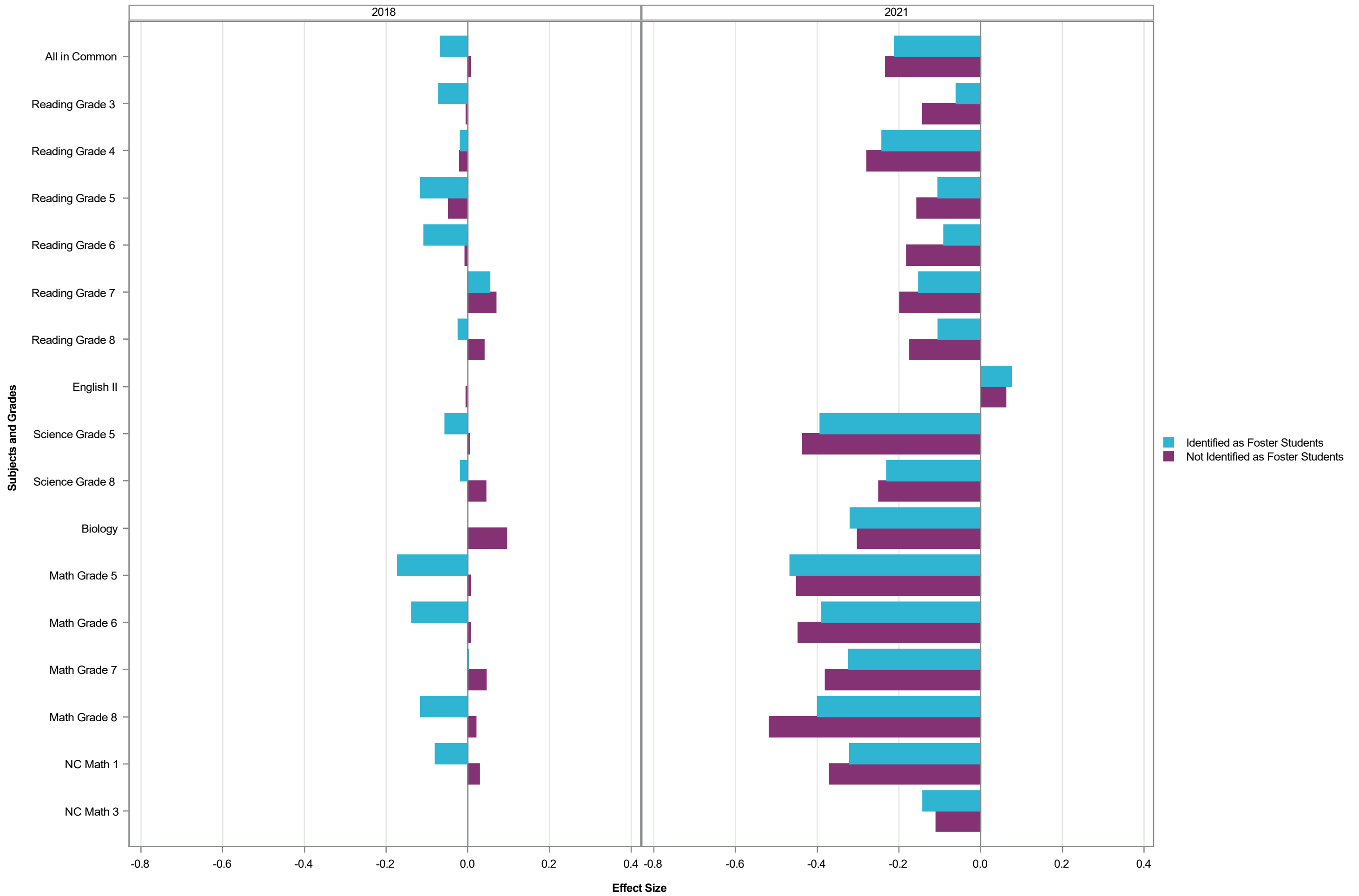
### Effect Size by Subject Grade - Military Connected - 2021

Assessment	Military Connected					
	Identified as Military Connected			Not Identified as Military Connected		
	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.21	0.0017	115852	-0.23	0.0004	1735694
Reading Grade 3	-0.09	0.0095	5227	-0.14	0.0024	84012
Reading Grade 4	-0.23	0.0088	5766	-0.28	0.0023	85825
Reading Grade 5	-0.14	0.0068	5908	-0.16	0.0017	91541
Reading Grade 6	-0.18	0.0065	5748	-0.18	0.0016	92903
Reading Grade 7	-0.20	0.0061	6227	-0.20	0.0015	97279
Reading Grade 8	-0.17	0.0059	6077	-0.17	0.0015	94660
English II	0.08	0.0054	6941	0.06	0.0015	94823
Science Grade 5	-0.33	0.0085	5915	-0.44	0.0022	91349
Science Grade 8	-0.14	0.0067	6172	-0.26	0.0017	95077
Biology	-0.25	0.0062	6538	-0.31	0.0017	90502
Math Grade 5	-0.43	0.0082	5896	-0.45	0.0021	91454
Math Grade 6	-0.45	0.0072	5724	-0.45	0.0018	92827
Math Grade 7	-0.41	0.0067	6225	-0.38	0.0017	97143
Math Grade 8	-0.47	0.0097	4201	-0.52	0.0025	65563
NC Math 1	-0.35	0.0068	6420	-0.37	0.0017	99202
NC Math 3	-0.09	0.0079	6128	-0.11	0.0020	85456
ACT Composite	-0.08	0.0065	5367	-0.08	0.0018	74215
ACT English	-0.05	0.0077	5377	-0.05	0.0021	74372
ACT Math	-0.16	0.0070	5377	-0.10	0.0020	74331
ACT Reading	-0.05	0.0082	5372	-0.07	0.0022	74312
ACT Science	-0.06	0.0081	5374	-0.06	0.0022	74304

### Effect Size by Subject Grade - Military Connected - 2018

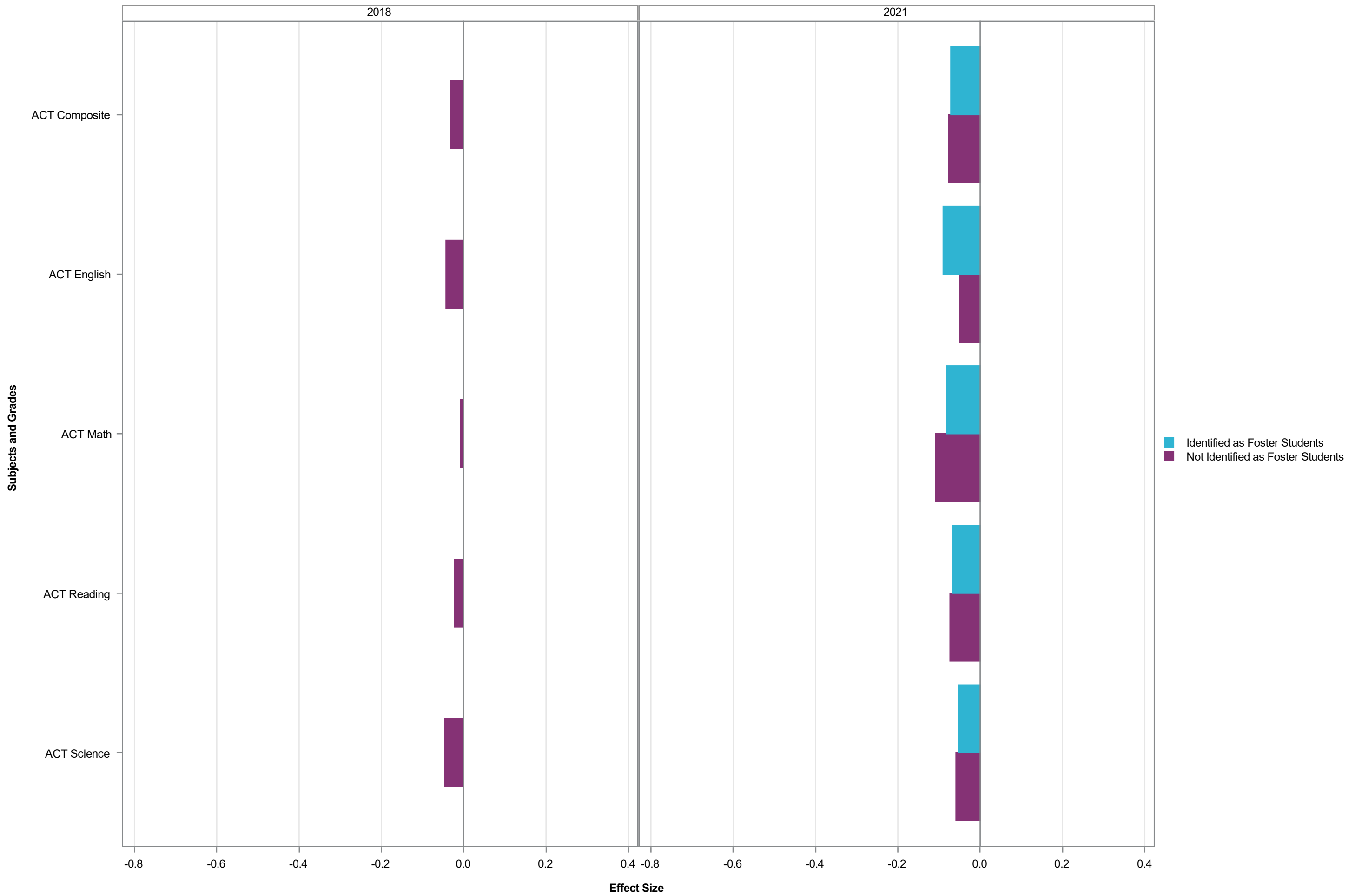
Assessment	Military Connected					
	Identified as Military Connected			Not Identified as Military Connected		
	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	0.05	0.0020	65240	0.00	0.0004	2000376
Reading Grade 3	0.07	0.0089	5095	-0.01	0.0020	102428
Reading Grade 4	0.03	0.0069	5303	-0.02	0.0015	108185
Reading Grade 5	-0.01	0.0067	5307	-0.05	0.0015	105263
Reading Grade 6	0.03	0.0067	5056	-0.01	0.0014	106176
Reading Grade 7	0.09	0.0061	5730	0.07	0.0015	99698
Reading Grade 8	0.06	0.0067	5019	0.04	0.0016	94405
English II	-0.06	0.0433	114	-0.00	0.0014	108184
Science Grade 5	0.05	0.0080	5243	0.00	0.0018	104272
Science Grade 8	0.14	0.0071	5046	0.04	0.0017	94684
Biology	0.14	0.0196	549	0.09	0.0016	106275
Math Grade 5	0.01	0.0070	5301	0.01	0.0016	105122
Math Grade 6	-0.01	0.0068	5055	0.01	0.0015	106082
Math Grade 7	0.07	0.0061	5723	0.04	0.0015	99558
Math Grade 8	0.08	0.0090	3463	0.02	0.0021	66411
NC Math 1	0.06	0.0087	3236	0.03	0.0015	110626
ACT Composite	.	.	.	-0.03	0.0015	96378
ACT English	.	.	.	-0.04	0.0017	96730
ACT Math	.	.	.	-0.01	0.0017	96698
ACT Reading	.	.	.	-0.02	0.0018	96638
ACT Science	.	.	.	-0.05	0.0018	96563

### Effect Size by Subject Grade - Foster Students





# Effect Size by Subject Grade - Foster Students



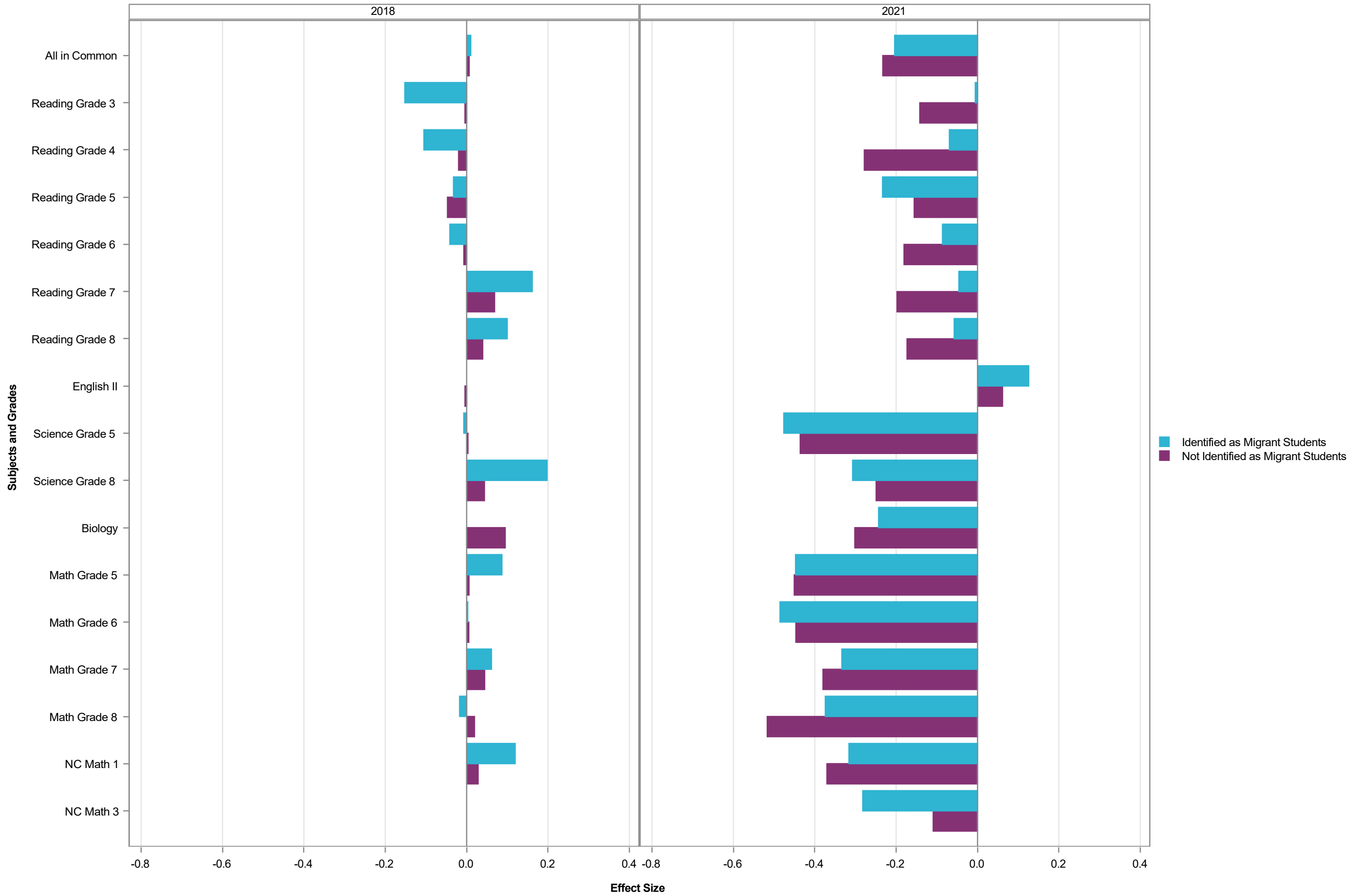
### Effect Size by Subject Grade - Foster Students - 2021

Assessment	Foster Students					
	Identified as Foster Students			Not Identified as Foster Students		
	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.21	0.0068	7934	-0.23	0.0004	184361 2
Reading Grade 3	-0.06	0.0336	481	-0.14	0.0023	88758
Reading Grade 4	-0.24	0.0329	471	-0.28	0.0022	91120
Reading Grade 5	-0.10	0.0258	458	-0.16	0.0017	96991
Reading Grade 6	-0.09	0.0275	453	-0.18	0.0016	98198
Reading Grade 7	-0.15	0.0256	467	-0.20	0.0015	103039
Reading Grade 8	-0.10	0.0259	433	-0.17	0.0015	100304
English II	0.08	0.0229	402	0.06	0.0014	101362
Science Grade 5	-0.39	0.0301	458	-0.44	0.0021	96806
Science Grade 8	-0.23	0.0271	445	-0.25	0.0017	100804
Biology	-0.32	0.0289	383	-0.30	0.0016	96657
Math Grade 5	-0.47	0.0276	457	-0.45	0.0020	96893
Math Grade 6	-0.39	0.0286	451	-0.45	0.0018	98100
Math Grade 7	-0.32	0.0253	471	-0.38	0.0017	102897
Math Grade 8	-0.40	0.0322	393	-0.52	0.0024	69371
NC Math 1	-0.32	0.0253	508	-0.37	0.0017	105114
NC Math 3	-0.14	0.0345	282	-0.11	0.0019	91302
ACT Composite	-0.07	0.0309	239	-0.08	0.0018	79343
ACT English	-0.09	0.0347	243	-0.05	0.0020	79506
ACT Math	-0.08	0.0327	241	-0.11	0.0020	79467
ACT Reading	-0.07	0.0383	241	-0.07	0.0021	79443
ACT Science	-0.05	0.0383	239	-0.06	0.0021	79439

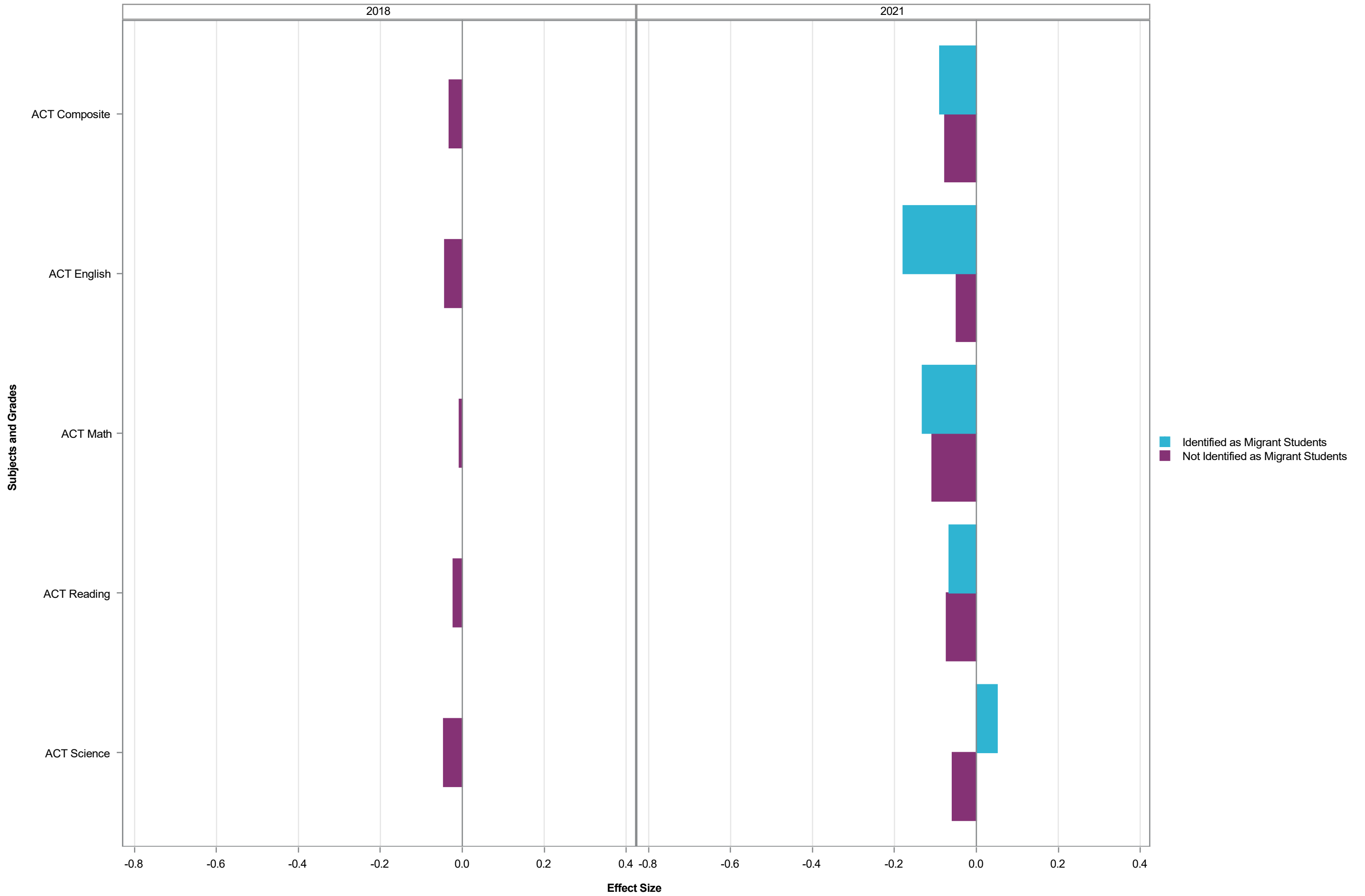
### Effect Size by Subject Grade - Foster Students - 2018

Assessment	Foster Students					
	Identified as Foster Students			Not Identified as Foster Students		
	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.07	0.0085	4452	0.01	0.0004	2061164
Reading Grade 3	-0.07	0.0304	435	-0.00	0.0019	107088
Reading Grade 4	-0.02	0.0278	433	-0.02	0.0015	113055
Reading Grade 5	-0.12	0.0273	408	-0.05	0.0015	110162
Reading Grade 6	-0.11	0.0293	356	-0.01	0.0014	110876
Reading Grade 7	0.05	0.0287	343	0.07	0.0015	105085
Reading Grade 8	-0.02	0.0315	294	0.04	0.0015	99130
English II	.	.	.	-0.00	0.0014	108295
Science Grade 5	-0.06	0.0330	396	0.00	0.0018	109119
Science Grade 8	-0.02	0.0314	295	0.04	0.0016	99435
Biology	.	.	.	0.09	0.0016	106819
Math Grade 5	-0.17	0.0260	407	0.01	0.0015	110016
Math Grade 6	-0.14	0.0280	357	0.01	0.0015	110780
Math Grade 7	0.00	0.0264	343	0.04	0.0015	104938
Math Grade 8	-0.12	0.0382	265	0.02	0.0020	69609
NC Math 1	-0.08	0.0491	112	0.03	0.0015	113750
ACT Composite	.	.	.	-0.03	0.0015	96378
ACT English	.	.	.	-0.04	0.0017	96730
ACT Math	.	.	.	-0.01	0.0017	96698
ACT Reading	.	.	.	-0.02	0.0018	96638
ACT Science	.	.	.	-0.05	0.0018	96563

# Effect Size by Subject Grade - Migrant Students



# Effect Size by Subject Grade - Migrant Students



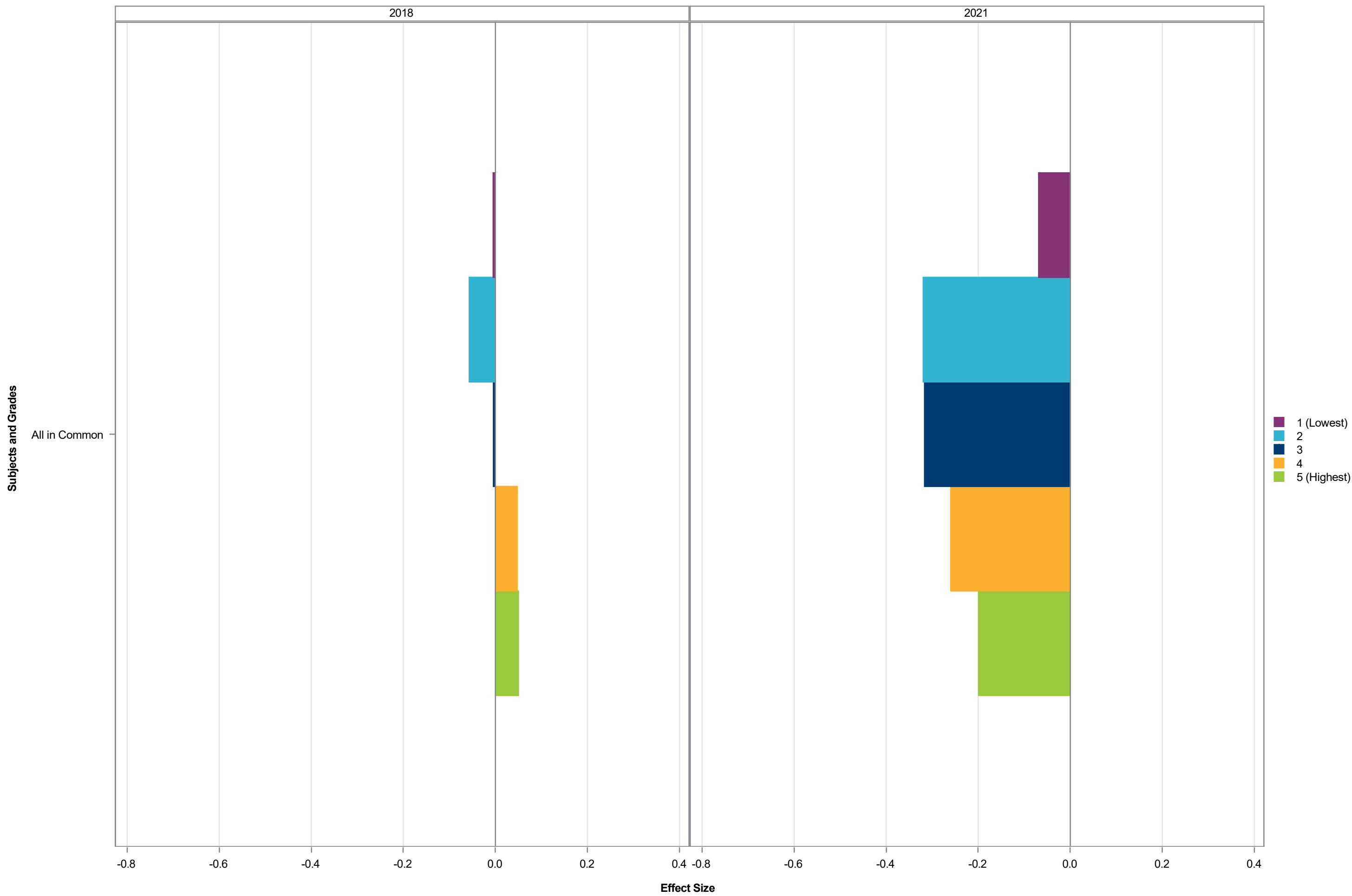
### Effect Size by Subject Grade - Migrant Students - 2021

Assessment	Migrant Students					
	Identified as Migrant Students			Not Identified as Migrant Students		
	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.20	0.0143	1745	-0.23	0.0004	184980 1
Reading Grade 3	-0.01	0.0648	109	-0.14	0.0023	89130
Reading Grade 4	-0.07	0.0696	131	-0.28	0.0022	91460
Reading Grade 5	-0.23	0.0447	107	-0.16	0.0017	97342
Reading Grade 6	-0.09	0.0499	94	-0.18	0.0016	98557
Reading Grade 7	-0.05	0.0462	118	-0.20	0.0015	103388
Reading Grade 8	-0.06	0.0459	92	-0.17	0.0015	100645
English II	0.13	0.0495	87	0.06	0.0014	101677
Science Grade 5	-0.48	0.0567	108	-0.44	0.0021	97156
Science Grade 8	-0.31	0.0550	99	-0.25	0.0017	101150
Biology	-0.24	0.0626	76	-0.30	0.0016	96964
Math Grade 5	-0.45	0.0634	109	-0.45	0.0020	97241
Math Grade 6	-0.49	0.0542	96	-0.45	0.0018	98455
Math Grade 7	-0.33	0.0570	117	-0.38	0.0017	103251
Math Grade 8	-0.37	0.0713	82	-0.52	0.0024	69682
NC Math 1	-0.32	0.0541	90	-0.37	0.0017	105532
NC Math 3	-0.28	0.0726	57	-0.11	0.0019	91527
ACT Composite	-0.09	0.0720	46	-0.08	0.0018	79536
ACT English	-0.18	0.0758	46	-0.05	0.0020	79703
ACT Math	-0.13	0.0672	46	-0.11	0.0020	79662
ACT Reading	-0.07	0.0805	46	-0.07	0.0021	79638
ACT Science	0.05	0.0916	46	-0.06	0.0021	79632

### Effect Size by Subject Grade - Migrant Students - 2018

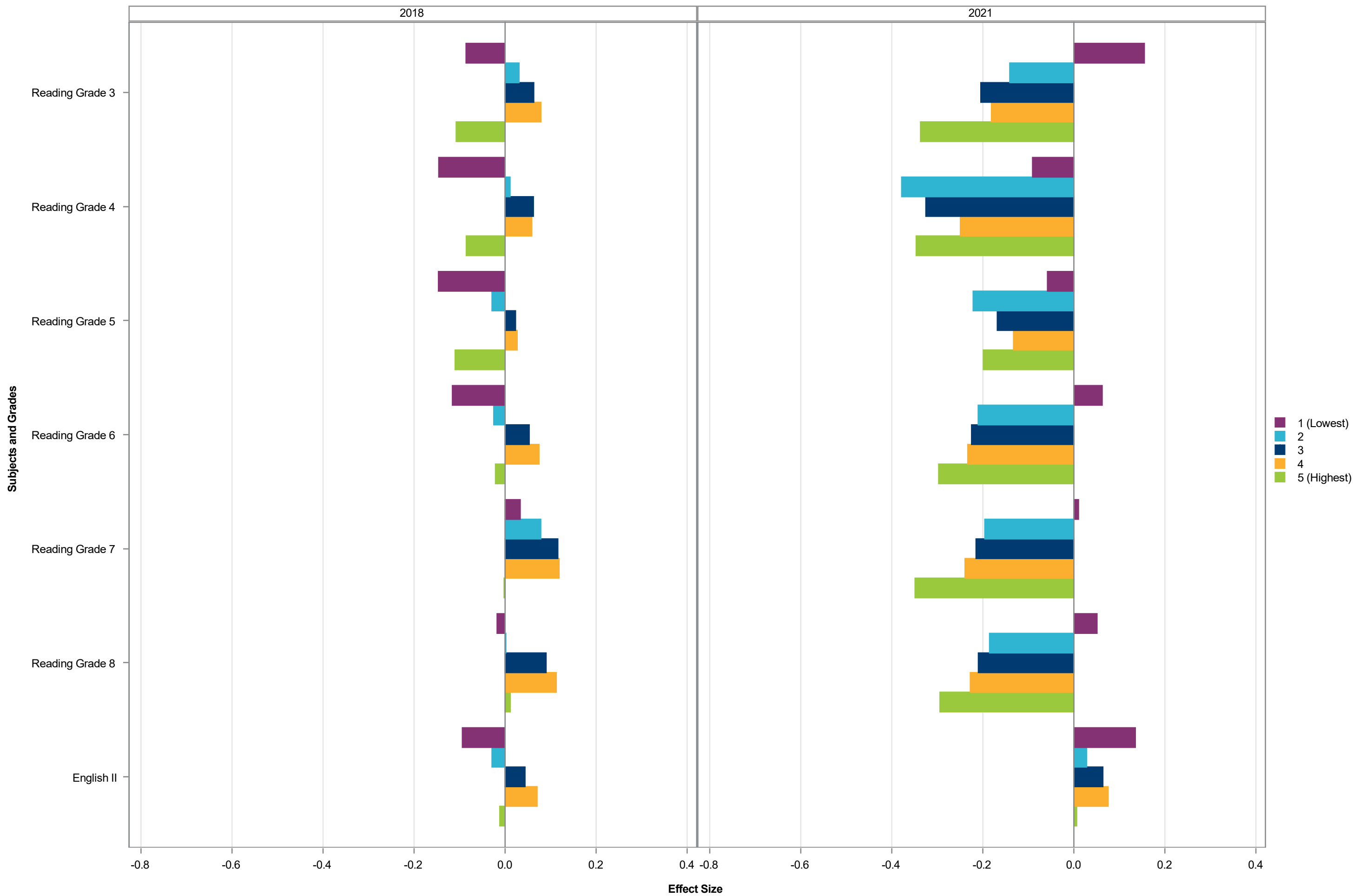
Assessment	Migrant Students					
	Identified as Migrant Students			Not Identified as Migrant Students		
	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	0.01	0.0187	767	0.01	0.0004	2064849
Reading Grade 3	-0.15	0.0689	77	-0.00	0.0019	107446
Reading Grade 4	-0.11	0.0439	84	-0.02	0.0015	113404
Reading Grade 5	-0.03	0.0592	78	-0.05	0.0015	110492
Reading Grade 6	-0.04	0.0564	59	-0.01	0.0014	111173
Reading Grade 7	0.16	0.0511	50	0.07	0.0014	105378
Reading Grade 8	0.10	0.0689	45	0.04	0.0015	99379
English II	.	.	.	-0.00	0.0014	108298
Science Grade 5	-0.01	0.0680	76	0.00	0.0018	109439
Science Grade 8	0.20	0.0803	45	0.04	0.0016	99685
Biology	.	.	.	0.09	0.0016	106824
Math Grade 5	0.09	0.0585	78	0.01	0.0015	110345
Math Grade 6	0.00	0.0595	59	0.01	0.0015	111078
Math Grade 7	0.06	0.0627	50	0.04	0.0014	105231
Math Grade 8	-0.02	0.0855	40	0.02	0.0020	69834
NC Math 1	0.12	0.1615	26	0.03	0.0015	113836
ACT Composite	.	.	.	-0.03	0.0015	96378
ACT English	.	.	.	-0.04	0.0017	96730
ACT Math	.	.	.	-0.01	0.0017	96698
ACT Reading	.	.	.	-0.02	0.0018	96638
ACT Science	.	.	.	-0.05	0.0018	96563

# Effect Size by Subject Grade - Entering Achievement Quintile

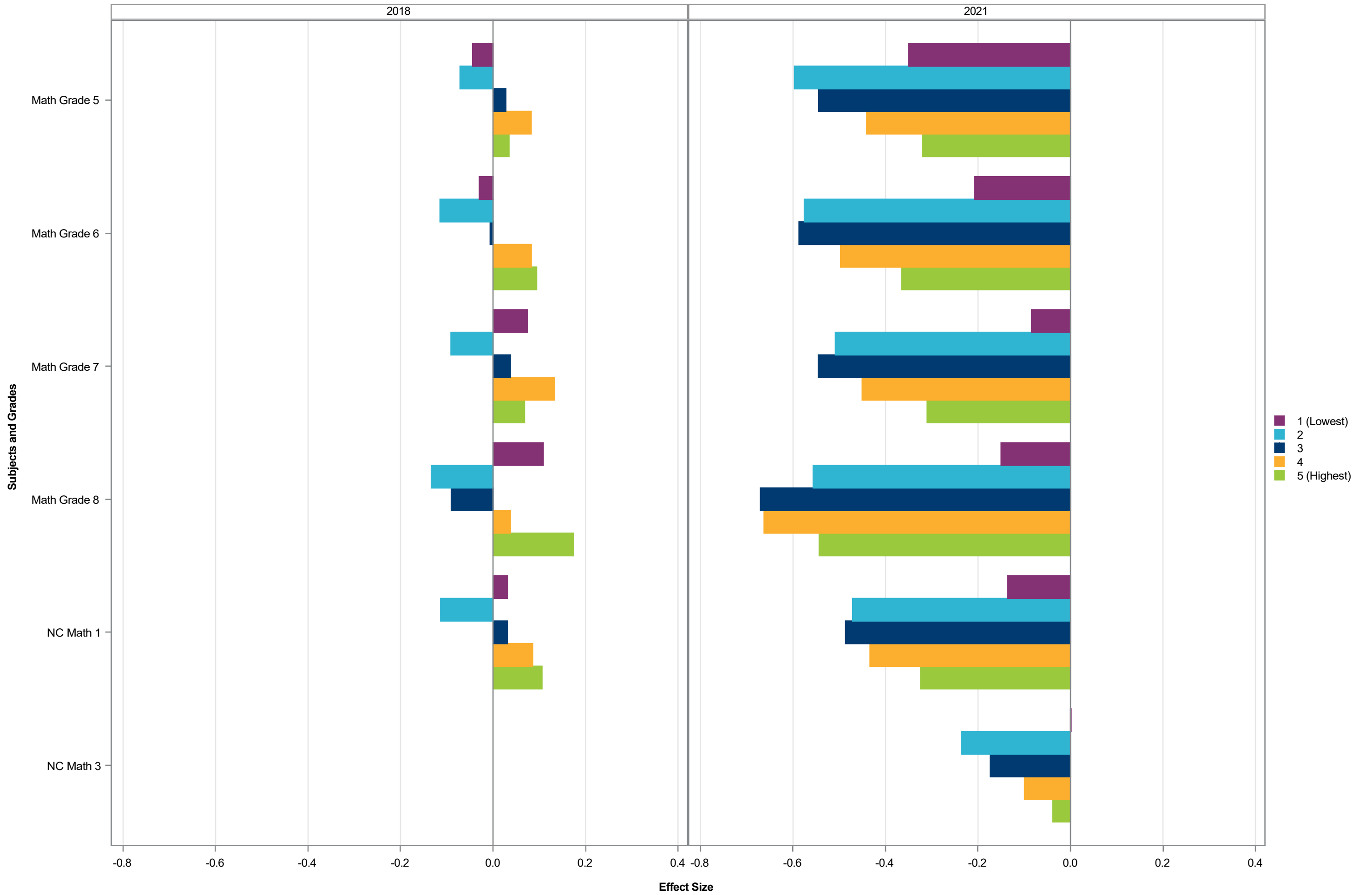




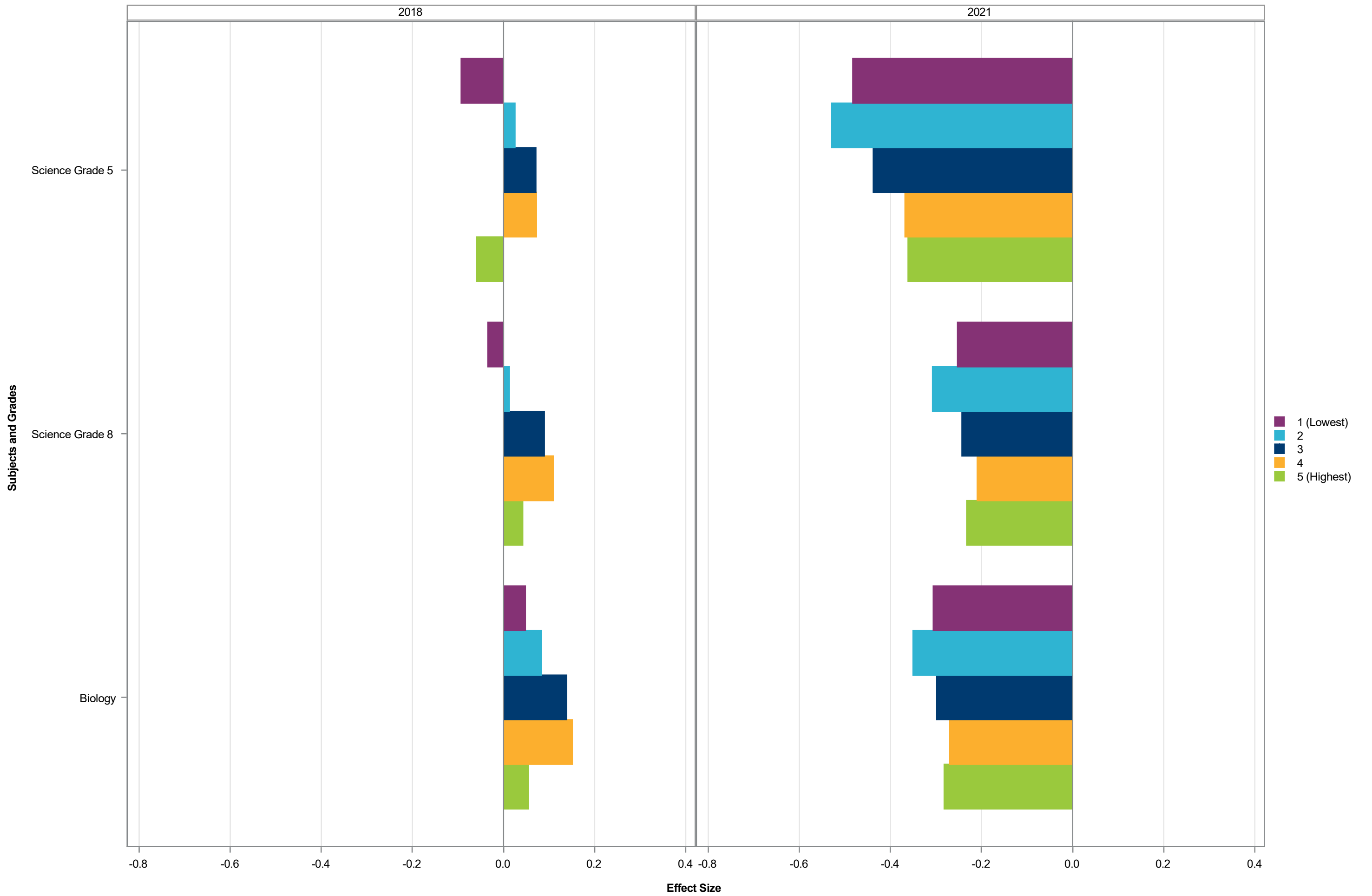
# Effect Size by Subject Grade - Entering Achievement Quintile



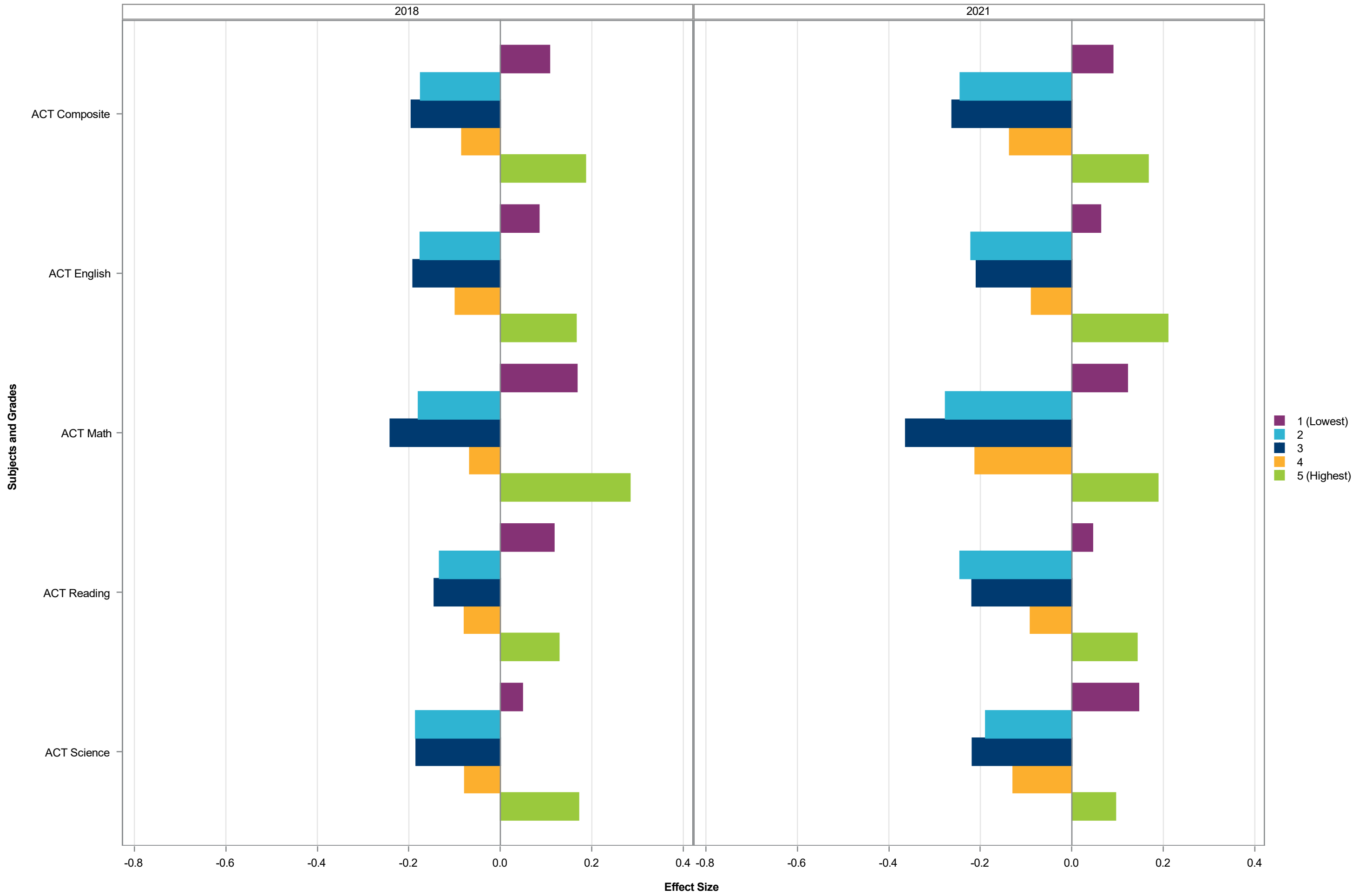
# Effect Size by Subject Grade - Entering Achievement Quintile



# Effect Size by Subject Grade - Entering Achievement Quintile



# Effect Size by Subject Grade - Entering Achievement Quintile



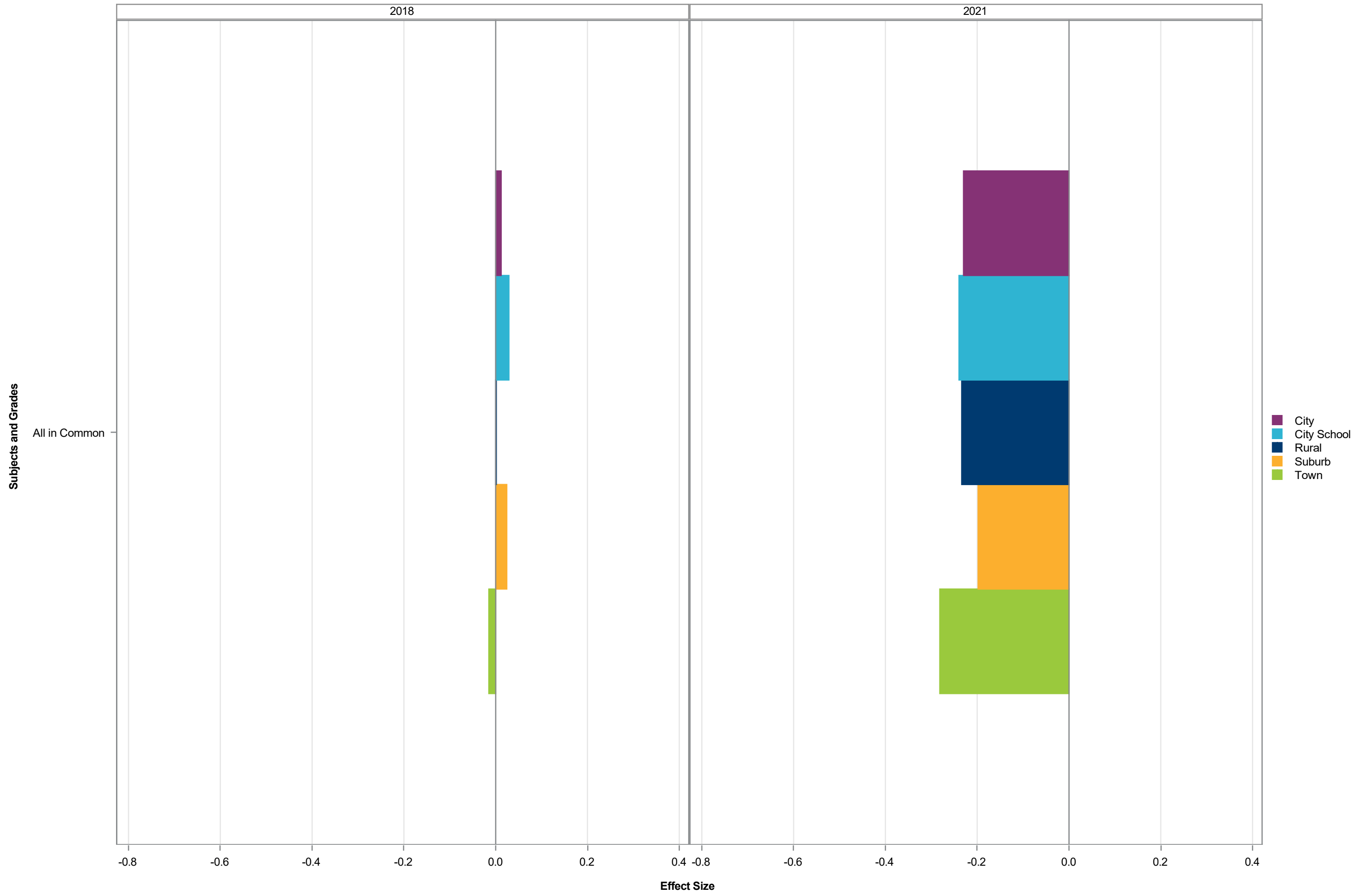
### Effect Size by Subject Grade - Entering Achievement Quintile - 2021

Assessment	Entering Achievement Quintile														
	1 (Lowest)			2			3			4			5 (Highest)		
	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.07	0.0008	370298	-0.32	0.0009	370320	-0.32	0.0010	370316	-0.26	0.0010	370296	-0.20	0.0010	370316
Reading Grade 3	0.15	0.0043	17847	-0.14	0.0051	17848	-0.20	0.0053	17846	-0.18	0.0052	17850	-0.34	0.0050	17848
Reading Grade 4	-0.09	0.0046	18317	-0.38	0.0050	18319	-0.33	0.0051	18319	-0.25	0.0050	18318	-0.35	0.0049	18318
Reading Grade 5	-0.06	0.0035	19488	-0.22	0.0040	19495	-0.17	0.0040	19480	-0.13	0.0038	19489	-0.20	0.0036	19497
Reading Grade 6	0.06	0.0032	19730	-0.21	0.0035	19730	-0.22	0.0037	19731	-0.23	0.0034	19730	-0.30	0.0033	19730
Reading Grade 7	0.01	0.0031	20701	-0.20	0.0034	20701	-0.21	0.0034	20702	-0.24	0.0033	20701	-0.35	0.0030	20701
Reading Grade 8	0.05	0.0031	20147	-0.19	0.0034	20148	-0.21	0.0033	20147	-0.23	0.0032	20148	-0.29	0.0030	20147
English II	0.14	0.0032	20352	0.03	0.0035	20353	0.06	0.0033	20353	0.08	0.0031	20353	0.01	0.0029	20353
Science Grade 5	-0.48	0.0044	19454	-0.53	0.0049	19452	-0.44	0.0049	19449	-0.37	0.0047	19455	-0.36	0.0044	19454
Science Grade 8	-0.25	0.0036	20249	-0.31	0.0040	20250	-0.24	0.0037	20250	-0.21	0.0036	20250	-0.23	0.0036	20250
Biology	-0.31	0.0035	19408	-0.35	0.0037	19408	-0.30	0.0036	19408	-0.27	0.0036	19408	-0.28	0.0037	19408
Math Grade 5	-0.35	0.0034	19469	-0.60	0.0041	19472	-0.54	0.0048	19488	-0.44	0.0049	19450	-0.32	0.0046	19471
Math Grade 6	-0.21	0.0031	19710	-0.58	0.0035	19710	-0.59	0.0040	19711	-0.50	0.0042	19710	-0.37	0.0042	19710
Math Grade 7	-0.08	0.0029	20673	-0.51	0.0031	20674	-0.55	0.0037	20674	-0.45	0.0039	20674	-0.31	0.0039	20673
Math Grade 8	-0.15	0.0039	13952	-0.56	0.0042	13953	-0.67	0.0049	13953	-0.66	0.0056	13953	-0.54	0.0062	13953
NC Math 1	-0.14	0.0029	21124	-0.47	0.0033	21125	-0.49	0.0038	21124	-0.43	0.0040	21125	-0.32	0.0042	21124
NC Math 3	0.00	0.0034	18316	-0.24	0.0040	18317	-0.17	0.0047	18317	-0.10	0.0049	18317	-0.04	0.0043	18317
ACT Composite	0.09	0.0030	15916	-0.24	0.0030	15917	-0.26	0.0035	15916	-0.14	0.0040	15917	0.17	0.0045	15916
ACT English	0.06	0.0034	15949	-0.22	0.0037	15950	-0.21	0.0043	15950	-0.09	0.0047	15950	0.21	0.0055	15950
ACT Math	0.12	0.0035	15941	-0.28	0.0027	15942	-0.36	0.0034	15942	-0.21	0.0046	15942	0.19	0.0053	15941
ACT Reading	0.05	0.0038	15936	-0.24	0.0042	15937	-0.22	0.0047	15937	-0.09	0.0051	15937	0.14	0.0051	15937
ACT Science	0.15	0.0042	15935	-0.19	0.0043	15936	-0.22	0.0046	15936	-0.13	0.0046	15936	0.10	0.0052	15935

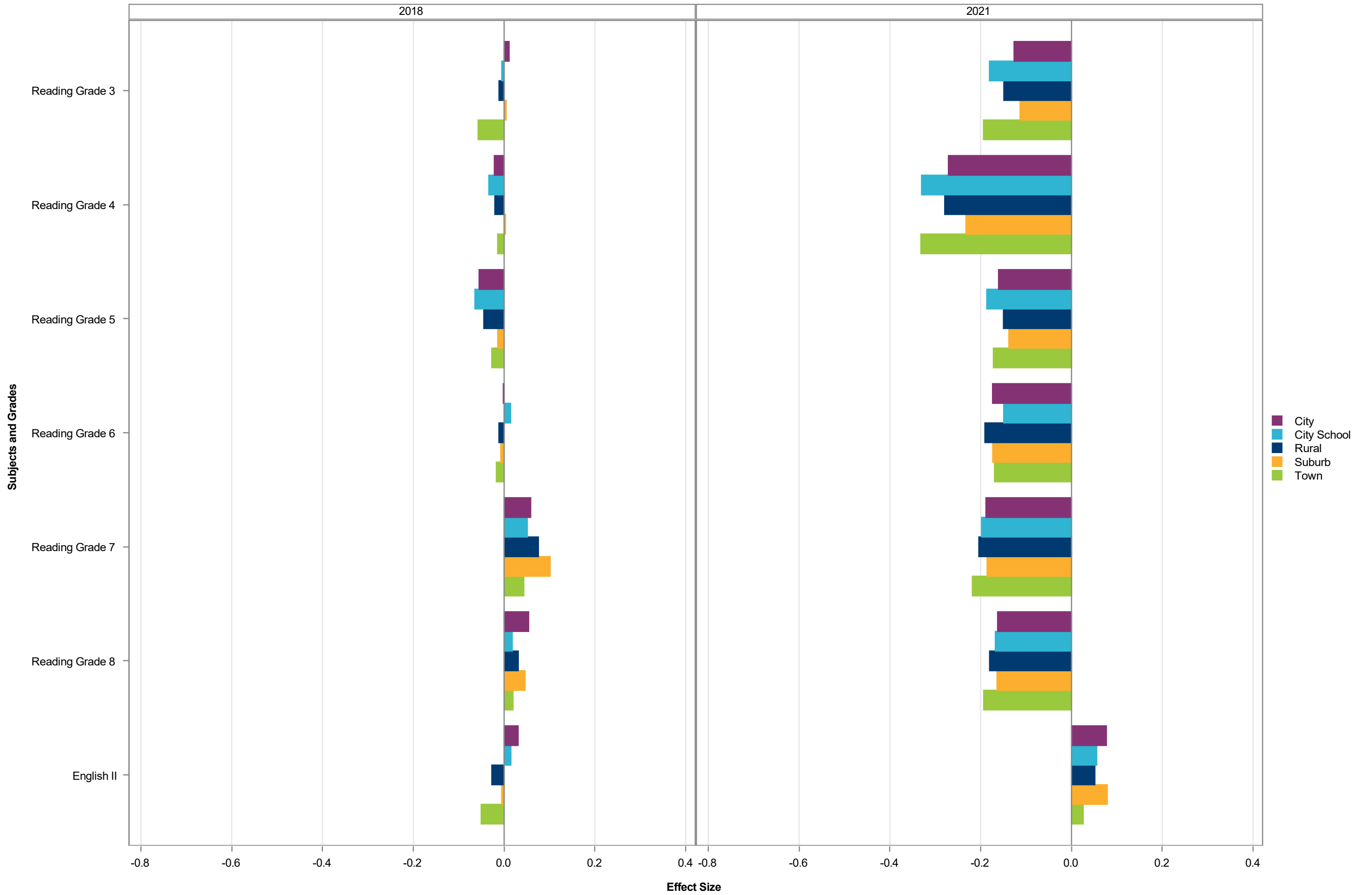
### Effect Size by Subject Grade - Entering Achievement Quintile - 2018

Assessment	Entering Achievement Quintile														
	1 (Lowest)			2			3			4			5 (Highest)		
	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.00	0.0008	413114	-0.06	0.0008	413129	-0.00	0.0008	413127	0.05	0.0008	413129	0.05	0.0008	413117
Reading Grade 3	-0.09	0.0043	21504	0.03	0.0046	21505	0.06	0.0045	21505	0.08	0.0042	21505	-0.11	0.0038	21504
Reading Grade 4	-0.15	0.0036	22697	0.01	0.0035	22698	0.06	0.0033	22698	0.06	0.0031	22698	-0.09	0.0030	22697
Reading Grade 5	-0.15	0.0034	22114	-0.03	0.0035	22114	0.02	0.0032	22114	0.03	0.0030	22114	-0.11	0.0030	22114
Reading Grade 6	-0.12	0.0033	22246	-0.02	0.0034	22247	0.05	0.0031	22246	0.07	0.0030	22247	-0.02	0.0028	22246
Reading Grade 7	0.03	0.0034	21085	0.08	0.0034	21086	0.12	0.0032	21086	0.12	0.0031	21086	-0.00	0.0030	21085
Reading Grade 8	-0.02	0.0036	19884	0.00	0.0037	19885	0.09	0.0034	19885	0.11	0.0032	19885	0.01	0.0031	19885
English II	-0.09	0.0035	21659	-0.03	0.0035	21660	0.04	0.0032	21660	0.07	0.0029	21660	-0.01	0.0027	21659
Science Grade 5	-0.09	0.0044	21903	0.03	0.0042	21903	0.07	0.0039	21903	0.07	0.0037	21903	-0.06	0.0035	21903
Science Grade 8	-0.03	0.0038	19946	0.01	0.0040	19946	0.09	0.0037	19946	0.11	0.0034	19946	0.04	0.0033	19946
Biology	0.05	0.0040	21364	0.08	0.0039	21365	0.14	0.0035	21365	0.15	0.0032	21365	0.05	0.0032	21365
Math Grade 5	-0.04	0.0035	22084	-0.07	0.0037	22085	0.03	0.0035	22085	0.08	0.0032	22085	0.03	0.0031	22084
Math Grade 6	-0.03	0.0032	22227	-0.11	0.0036	22228	-0.01	0.0034	22227	0.08	0.0032	22228	0.09	0.0030	22227
Math Grade 7	0.07	0.0032	21056	-0.09	0.0036	21056	0.04	0.0034	21057	0.13	0.0029	21056	0.07	0.0028	21056
Math Grade 8	0.11	0.0040	13974	-0.13	0.0045	13975	-0.09	0.0049	13975	0.04	0.0047	13975	0.17	0.0042	13975
NC Math 1	0.03	0.0032	22772	-0.11	0.0037	22773	0.03	0.0036	22772	0.09	0.0032	22773	0.11	0.0031	22772
ACT Composite	0.11	0.0028	19275	-0.17	0.0027	19276	-0.19	0.0030	19276	-0.08	0.0033	19276	0.19	0.0037	19275
ACT English	0.08	0.0032	19346	-0.18	0.0032	19346	-0.19	0.0035	19346	-0.10	0.0039	19346	0.17	0.0047	19346
ACT Math	0.17	0.0030	19339	-0.18	0.0026	19340	-0.24	0.0032	19340	-0.07	0.0042	19340	0.28	0.0042	19339
ACT Reading	0.12	0.0034	19327	-0.13	0.0035	19328	-0.14	0.0038	19328	-0.08	0.0041	19328	0.13	0.0044	19327
ACT Science	0.05	0.0039	19312	-0.19	0.0039	19313	-0.18	0.0040	19313	-0.08	0.0039	19313	0.17	0.0044	19312

# Effect Size by Subject Grade - Urbanicity

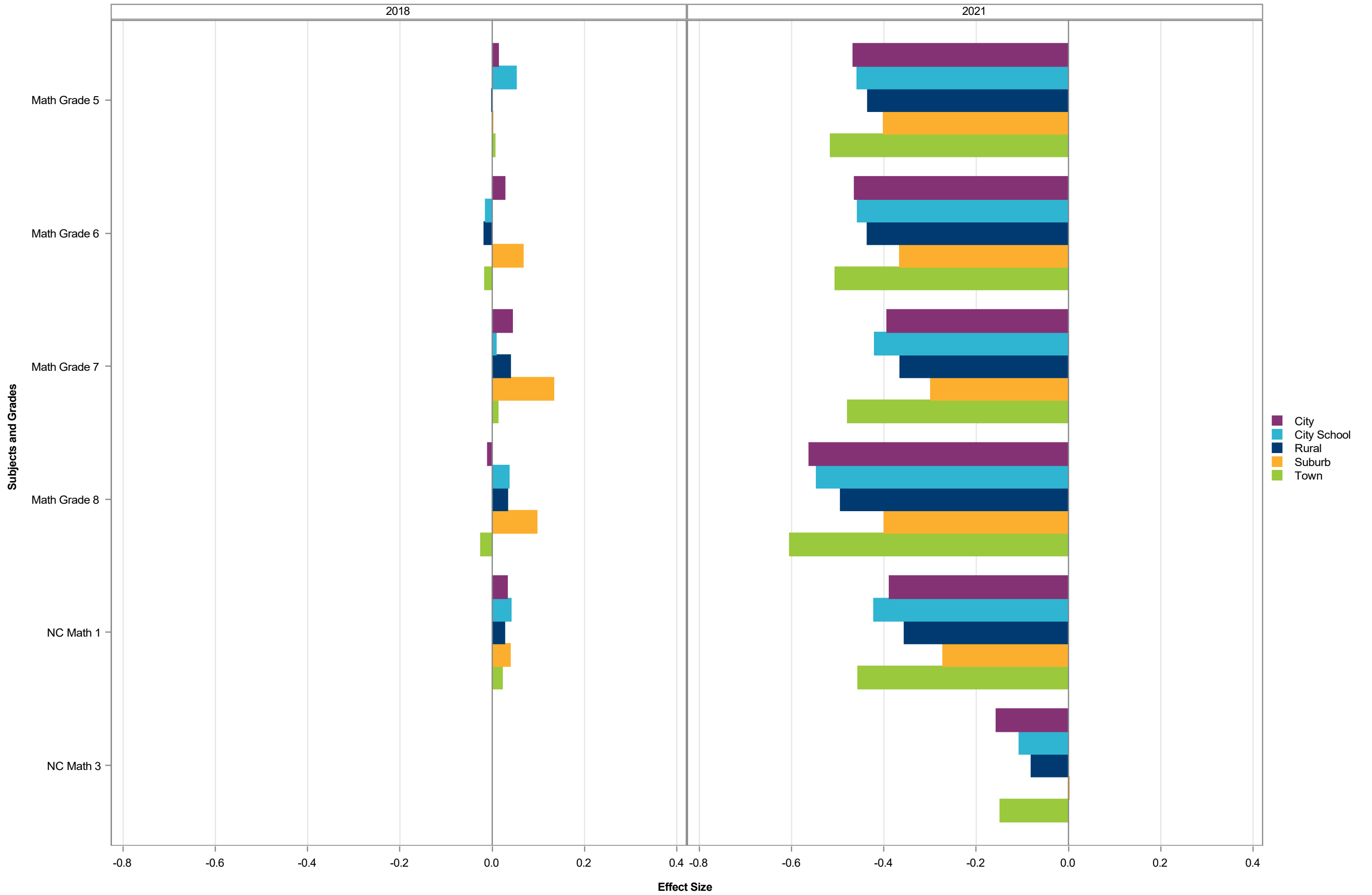


# Effect Size by Subject Grade - Urbanicity

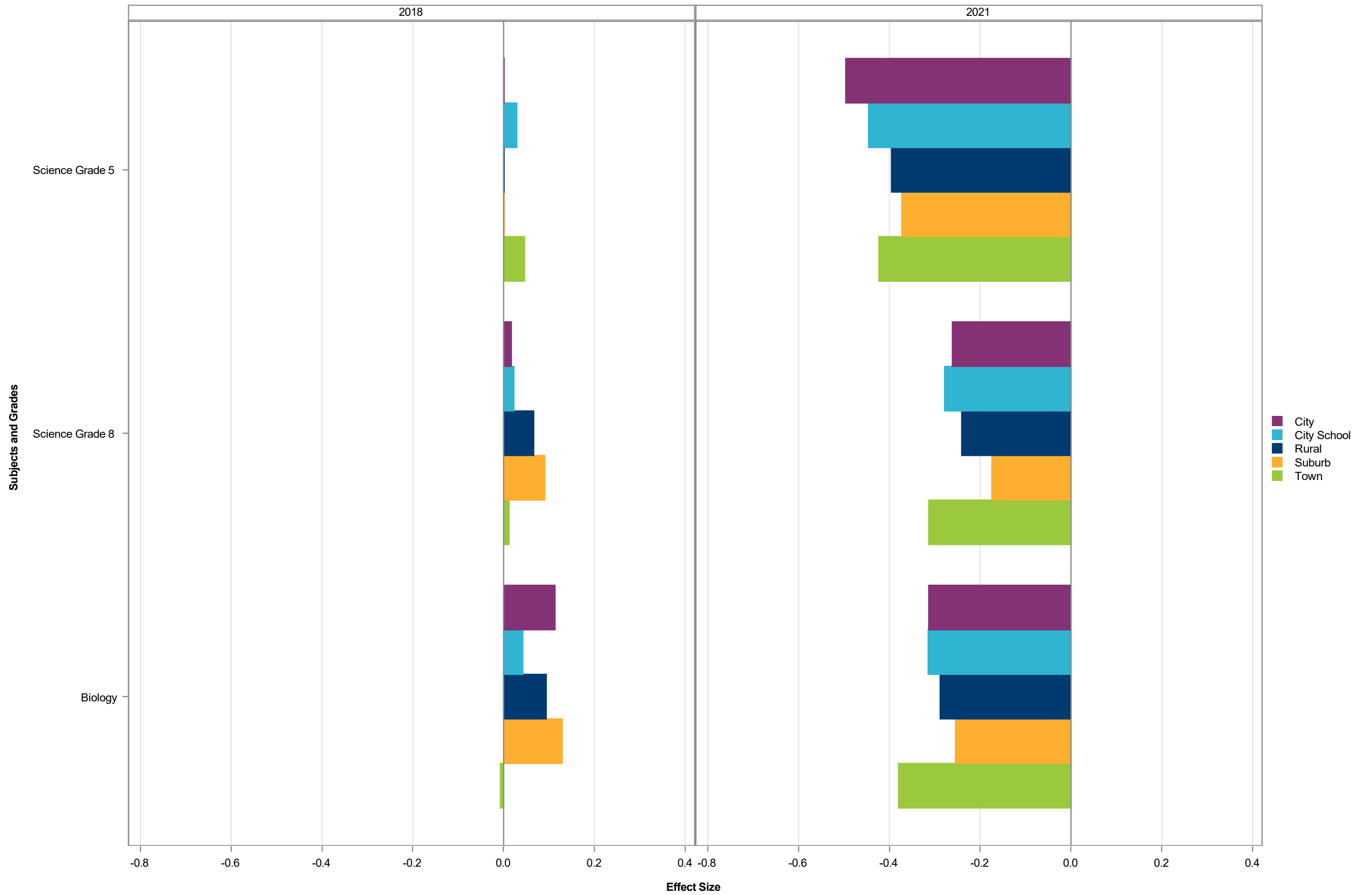




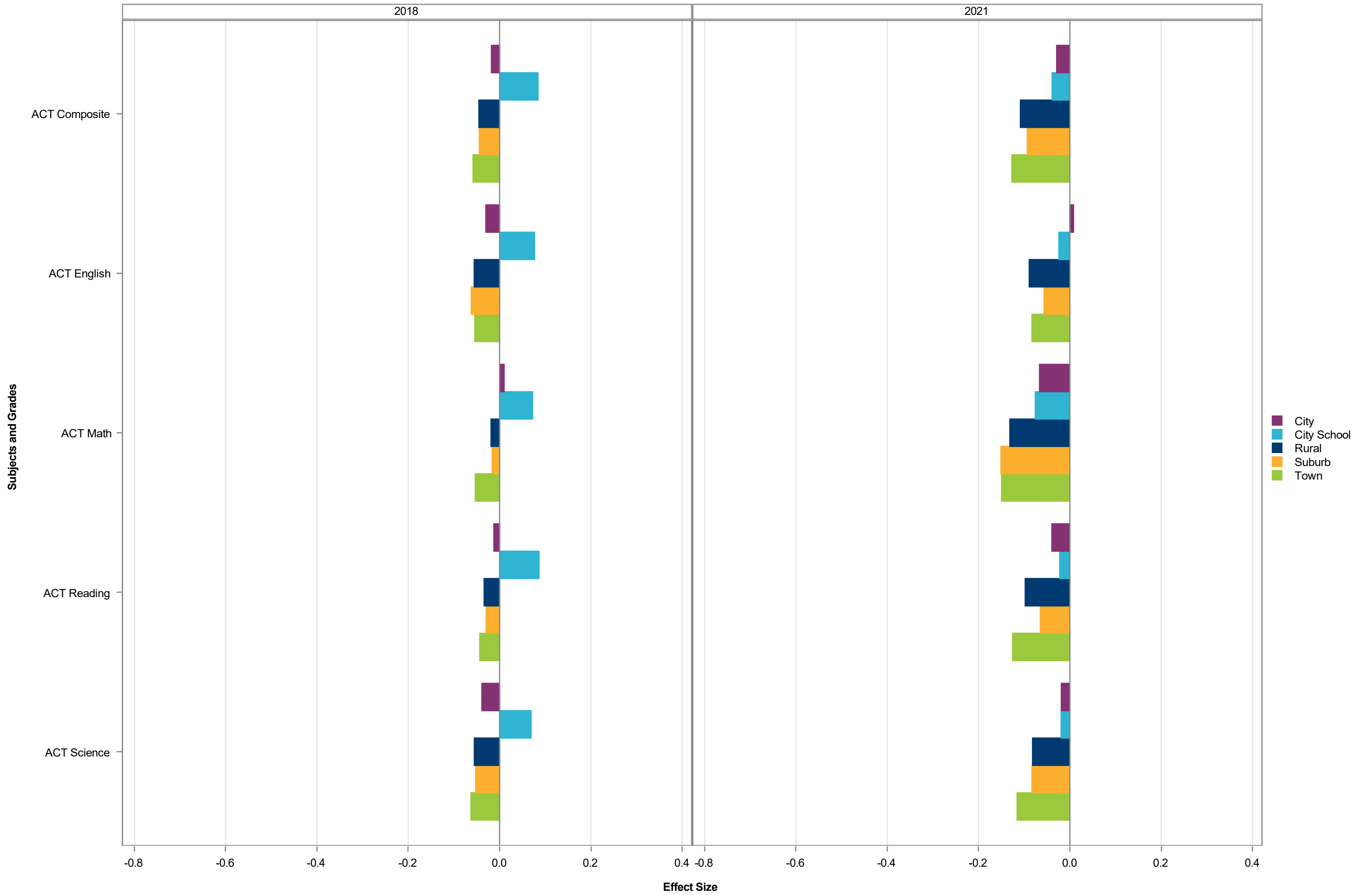
# Effect Size by Subject Grade - Urbanicity



# Effect Size by Subject Grade - Urbanicity



# Effect Size by Subject Grade - Urbanicity



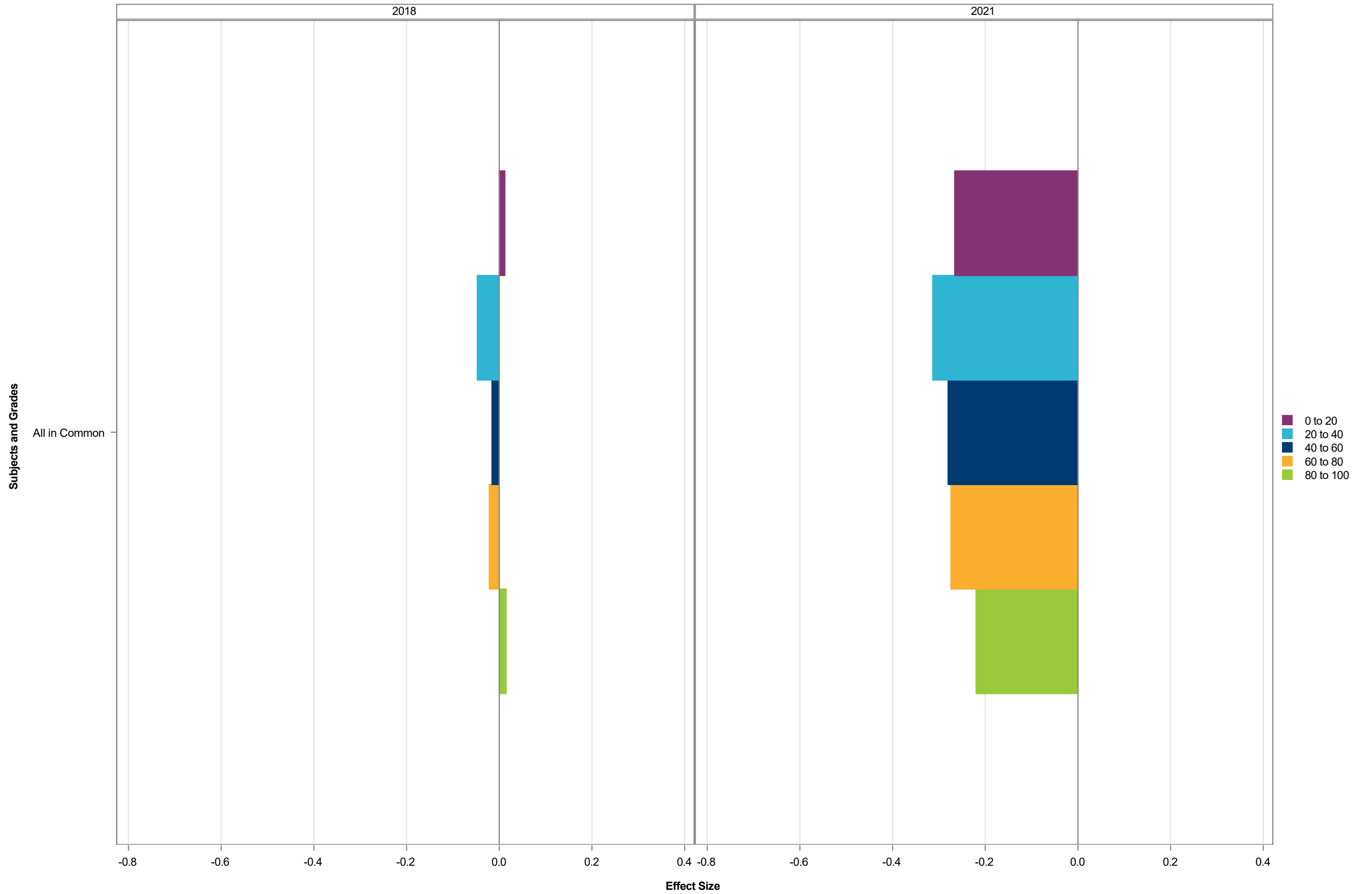
### Effect Size by Subject Grade - Urbanicity - 2021

	Urbanicity														
	City			City School			Rural			Suburb			Town		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.23	0.0007	682883	-0.24	0.0023	67819	-0.23	0.0006	871631	-0.20	0.0016	124696	-0.28	0.0018	104380
Reading Grade 3	-0.13	0.0038	34272	-0.18	0.0118	3311	-0.15	0.0034	41083	-0.11	0.0089	5719	-0.19	0.0099	4851
Reading Grade 4	-0.27	0.0036	35305	-0.33	0.0116	3449	-0.28	0.0033	42018	-0.23	0.0088	5706	-0.33	0.0096	5113
Reading Grade 5	-0.16	0.0027	37268	-0.19	0.0090	3555	-0.15	0.0025	44695	-0.14	0.0067	6377	-0.17	0.0071	5550
Reading Grade 6	-0.17	0.0026	36610	-0.15	0.0084	3561	-0.19	0.0023	46299	-0.17	0.0061	6547	-0.17	0.0067	5630
Reading Grade 7	-0.19	0.0025	37969	-0.20	0.0078	3839	-0.20	0.0022	48674	-0.19	0.0058	6975	-0.22	0.0062	6043
Reading Grade 8	-0.16	0.0025	36145	-0.17	0.0078	3689	-0.18	0.0022	48018	-0.16	0.0055	6932	-0.19	0.0062	5940
English II	0.08	0.0024	38266	0.06	0.0079	3356	0.05	0.0021	47812	0.08	0.0056	6698	0.03	0.0062	5620
Science Grade 5	-0.50	0.0033	37128	-0.45	0.0107	3552	-0.40	0.0031	44659	-0.37	0.0080	6394	-0.42	0.0090	5527
Science Grade 8	-0.26	0.0028	36183	-0.28	0.0085	3726	-0.24	0.0024	48355	-0.17	0.0061	6983	-0.31	0.0068	5989
Biology	-0.31	0.0027	37729	-0.31	0.0087	3385	-0.29	0.0024	44342	-0.25	0.0062	6362	-0.38	0.0068	5212
Math Grade 5	-0.47	0.0032	37194	-0.46	0.0103	3543	-0.44	0.0030	44672	-0.40	0.0077	6398	-0.52	0.0084	5539
Math Grade 6	-0.46	0.0029	36556	-0.46	0.0091	3546	-0.44	0.0026	46264	-0.37	0.0067	6551	-0.51	0.0072	5630
Math Grade 7	-0.39	0.0028	37884	-0.42	0.0084	3841	-0.37	0.0024	48627	-0.30	0.0064	6967	-0.48	0.0066	6043
Math Grade 8	-0.56	0.0041	21979	-0.55	0.0124	2609	-0.49	0.0033	35865	-0.40	0.0089	5277	-0.60	0.0098	4021
NC Math 1	-0.39	0.0028	39069	-0.42	0.0090	3834	-0.36	0.0024	49734	-0.27	0.0063	7134	-0.46	0.0069	5845
NC Math 3	-0.16	0.0032	35119	-0.11	0.0105	3147	-0.08	0.0028	42134	0.00	0.0075	6038	-0.15	0.0083	5142
ACT Composite	-0.03	0.0031	28616	-0.04	0.0095	3001	-0.11	0.0024	38068	-0.09	0.0065	5528	-0.13	0.0074	4362
ACT English	0.01	0.0036	28700	-0.02	0.0110	3010	-0.09	0.0028	38123	-0.06	0.0076	5539	-0.08	0.0085	4370
ACT Math	-0.07	0.0035	28679	-0.08	0.0103	3007	-0.13	0.0026	38115	-0.15	0.0072	5534	-0.15	0.0079	4366
ACT Reading	-0.04	0.0037	28664	-0.02	0.0113	3003	-0.10	0.0030	38107	-0.06	0.0078	5538	-0.13	0.0089	4365
ACT Science	-0.02	0.0036	28667	-0.02	0.0113	3002	-0.08	0.0030	38101	-0.08	0.0080	5537	-0.12	0.0090	4364

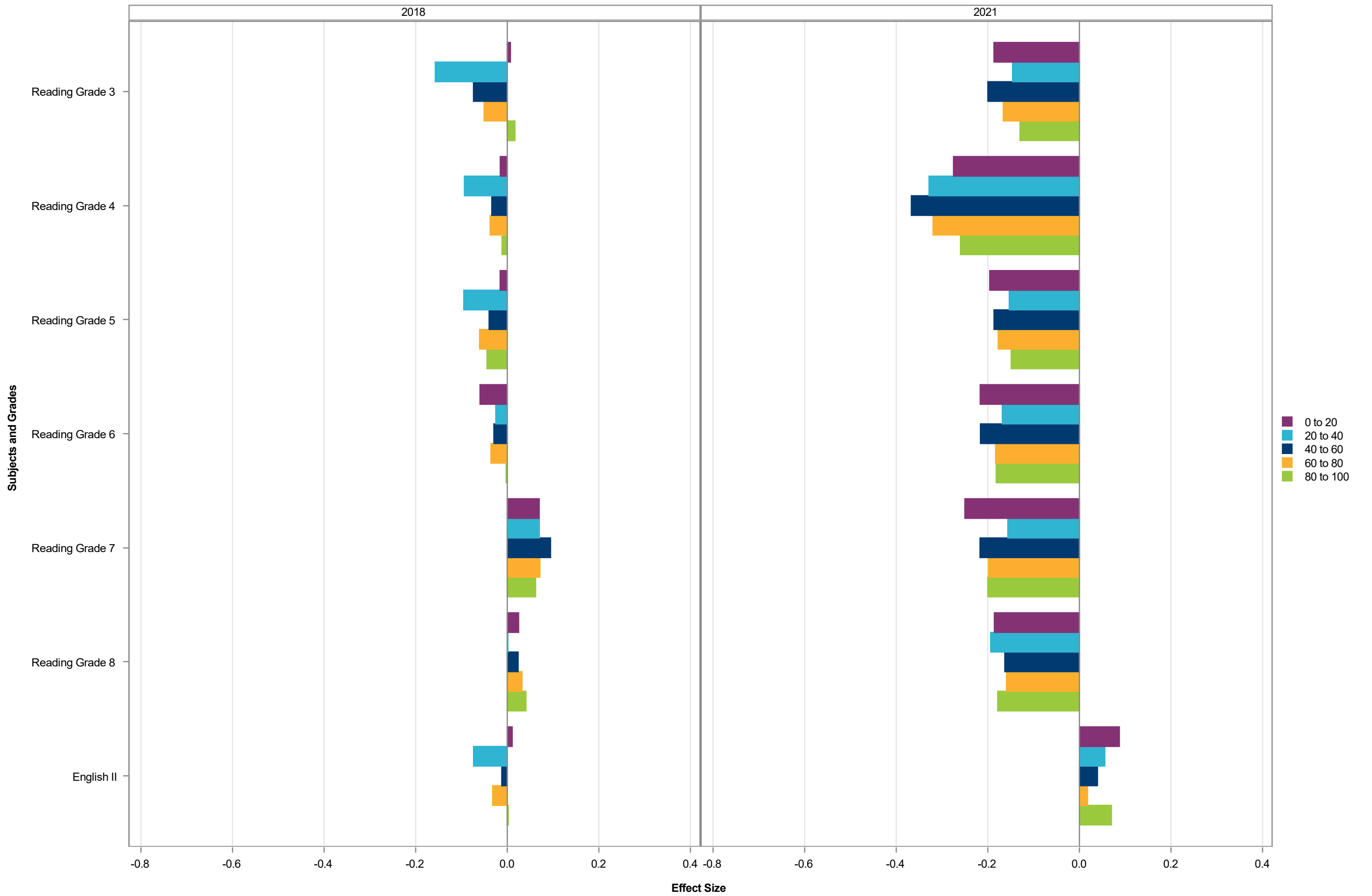
### Effect Size by Subject Grade - Urbanicity - 2018

	Urbanicity														
	City			City School			Rural			Suburb			Town		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	0.01	0.0006	786563	0.03	0.0019	77459	0.00	0.0005	933573	0.02	0.0014	134357	-0.01	0.0015	113276
Reading Grade 3	0.01	0.0030	43342	-0.01	0.0099	4048	-0.01	0.0029	47372	0.00	0.0078	6276	-0.06	0.0086	5437
Reading Grade 4	-0.02	0.0024	45028	-0.03	0.0078	4243	-0.02	0.0023	49957	0.00	0.0061	7183	-0.01	0.0065	5939
Reading Grade 5	-0.06	0.0023	43019	-0.06	0.0076	4157	-0.04	0.0022	49210	-0.01	0.0059	7096	-0.03	0.0062	5979
Reading Grade 6	-0.00	0.0023	43347	0.01	0.0071	4053	-0.01	0.0021	49661	-0.01	0.0056	7233	-0.02	0.0059	6291
Reading Grade 7	0.06	0.0023	40260	0.05	0.0076	3865	0.08	0.0022	47867	0.10	0.0056	6849	0.04	0.0061	5889
Reading Grade 8	0.05	0.0025	37847	0.02	0.0082	3558	0.03	0.0023	45012	0.05	0.0059	6720	0.02	0.0065	5568
English II	0.03	0.0023	39910	0.01	0.0071	4152	-0.03	0.0021	49546	-0.01	0.0056	7198	-0.05	0.0060	6146
Science Grade 5	-0.00	0.0028	42614	0.03	0.0093	4120	0.00	0.0027	48750	0.00	0.0070	7021	0.05	0.0078	5912
Science Grade 8	0.02	0.0026	37966	0.02	0.0087	3563	0.07	0.0025	45165	0.09	0.0060	6737	0.01	0.0070	5579
Biology	0.11	0.0026	40739	0.04	0.0076	4401	0.09	0.0024	47806	0.13	0.0062	6869	-0.01	0.0069	5643
Math Grade 5	0.01	0.0024	42969	0.05	0.0079	4150	-0.00	0.0023	49135	0.00	0.0061	7093	0.01	0.0065	5969
Math Grade 6	0.03	0.0024	43301	-0.01	0.0075	4051	-0.02	0.0022	49622	0.07	0.0059	7231	-0.02	0.0063	6288
Math Grade 7	0.04	0.0023	40219	0.01	0.0076	3855	0.04	0.0021	47800	0.13	0.0058	6835	0.01	0.0065	5879
Math Grade 8	-0.01	0.0035	23608	0.04	0.0108	2420	0.03	0.0029	34555	0.10	0.0075	5144	-0.02	0.0091	3524
NC Math 1	0.03	0.0025	42931	0.04	0.0077	4283	0.03	0.0022	51420	0.04	0.0061	7211	0.02	0.0068	6735
ACT Composite	-0.02	0.0026	35744	0.08	0.0079	3705	-0.05	0.0020	44083	-0.04	0.0055	6328	-0.06	0.0060	5291
ACT English	-0.03	0.0030	35975	0.08	0.0095	3710	-0.06	0.0024	44173	-0.06	0.0066	6335	-0.05	0.0072	5305
ACT Math	0.01	0.0030	35947	0.07	0.0092	3710	-0.02	0.0024	44170	-0.02	0.0065	6335	-0.05	0.0067	5305
ACT Reading	-0.01	0.0030	35914	0.09	0.0090	3709	-0.03	0.0025	44151	-0.03	0.0067	6332	-0.04	0.0073	5301
ACT Science	-0.04	0.0032	35883	0.07	0.0096	3706	-0.06	0.0026	44118	-0.05	0.0071	6331	-0.06	0.0078	5296

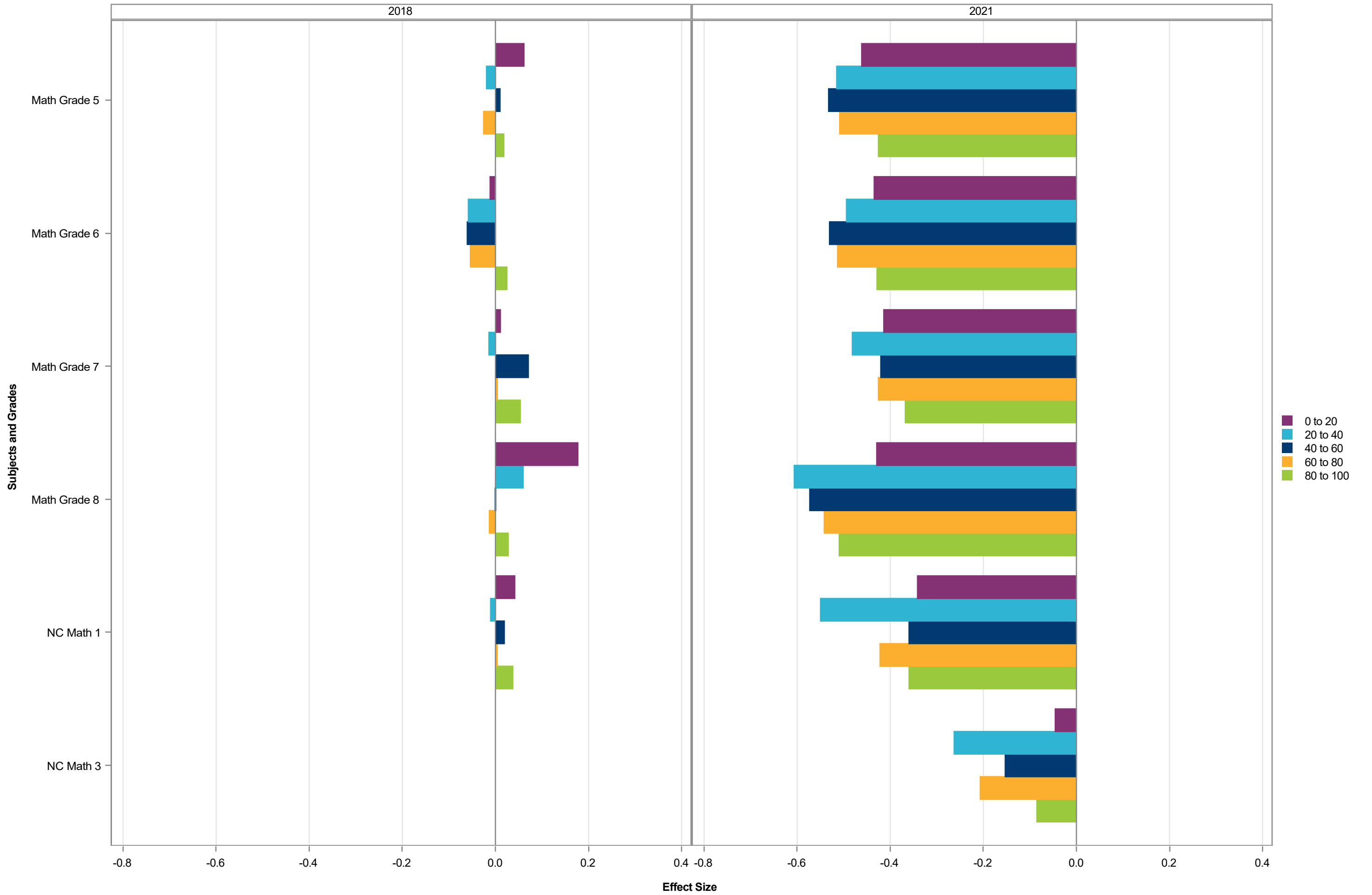
# Effect Size by Subject Grade - Percentage Connectivity



# Effect Size by Subject Grade - Percentage Connectivity

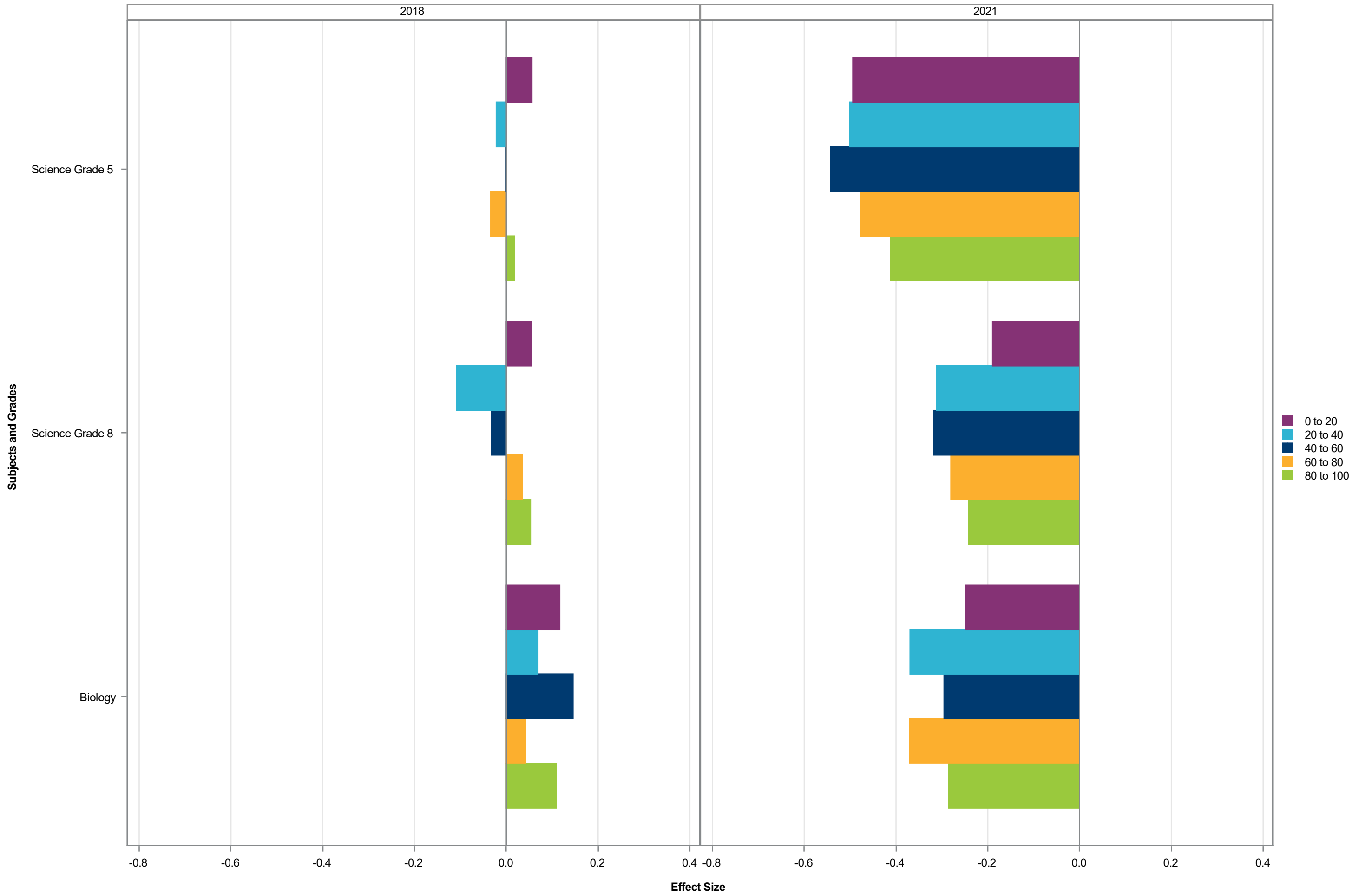


# Effect Size by Subject Grade - Percentage Connectivity

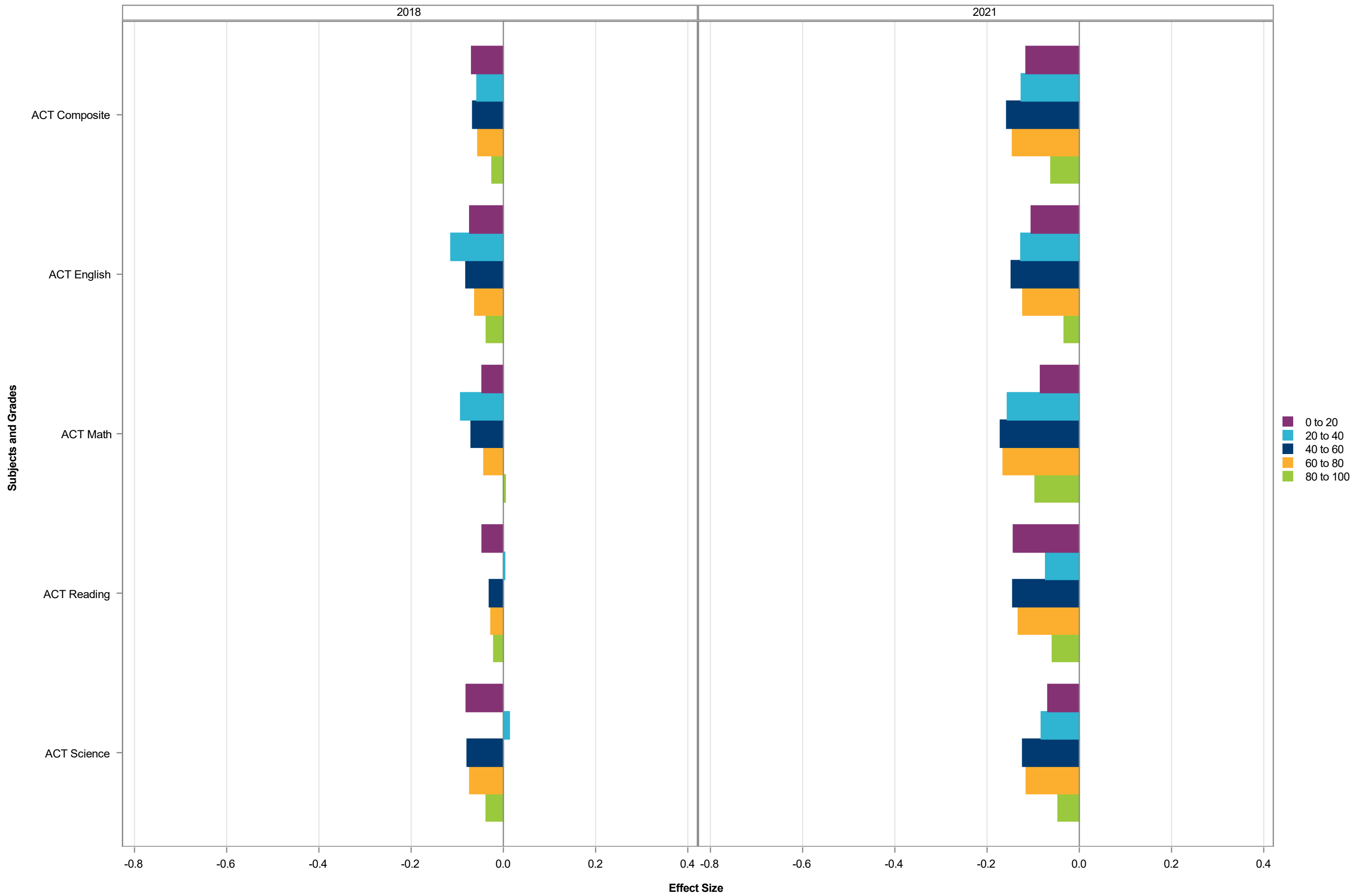




# Effect Size by Subject Grade - Percentage Connectivity



# Effect Size by Subject Grade - Percentage Connectivity



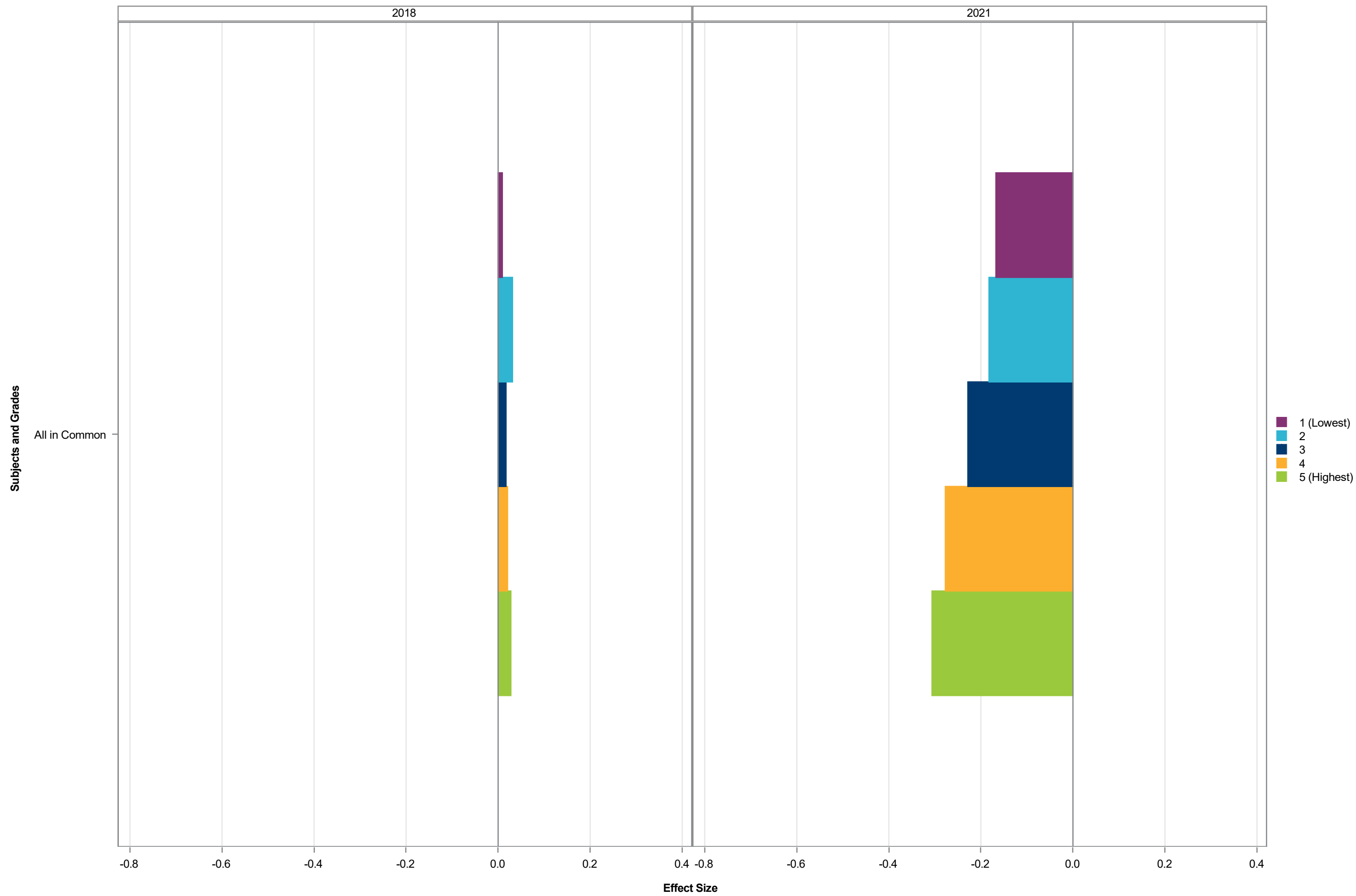
### Effect Size by Subject Grade - Percentage Connectivity - 2021

Assessment	Percentage Connectivity														
	0 to 20			20 to 40			40 to 60			60 to 80			80 to 100		
	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.27	0.0039	21818	-0.31	0.0047	16390	-0.28	0.0025	56625	-0.27	0.0010	330958	-0.22	0.0005	1357911
Reading Grade 3	-0.19	0.0209	1264	-0.15	0.0175	1584	-0.20	0.0110	3795	-0.17	0.0053	16486	-0.13	0.0027	63234
Reading Grade 4	-0.27	0.0189	1345	-0.33	0.0169	1540	-0.37	0.0109	3780	-0.32	0.0051	17039	-0.26	0.0026	64999
Reading Grade 5	-0.20	0.0149	1340	-0.15	0.0135	1600	-0.19	0.0091	3311	-0.18	0.0039	18158	-0.15	0.0020	68336
Reading Grade 6	-0.22	0.0130	1507	-0.17	0.0184	799	-0.22	0.0106	2351	-0.18	0.0038	16700	-0.18	0.0018	72538
Reading Grade 7	-0.25	0.0126	1487	-0.16	0.0162	915	-0.22	0.0094	2672	-0.20	0.0036	17562	-0.20	0.0017	76077
Reading Grade 8	-0.19	0.0123	1381	-0.19	0.0174	872	-0.16	0.0096	2430	-0.16	0.0037	17189	-0.18	0.0017	74725
English II	0.09	0.0162	723	0.06	0.0222	366	0.04	0.0077	3472	0.02	0.0035	18536	0.07	0.0016	76212
Science Grade 5	-0.49	0.0174	1335	-0.50	0.0162	1592	-0.54	0.0114	3292	-0.48	0.0048	18131	-0.41	0.0025	68262
Science Grade 8	-0.19	0.0138	1393	-0.31	0.0174	879	-0.32	0.0105	2422	-0.28	0.0040	17318	-0.24	0.0019	75060
Biology	-0.25	0.0195	688	-0.37	0.0236	403	-0.30	0.0085	3477	-0.37	0.0038	17723	-0.29	0.0019	72278
Math Grade 5	-0.46	0.0170	1335	-0.52	0.0149	1597	-0.53	0.0105	3299	-0.51	0.0044	18155	-0.43	0.0024	68271
Math Grade 6	-0.43	0.0144	1502	-0.49	0.0191	802	-0.53	0.0116	2345	-0.51	0.0042	16709	-0.43	0.0021	72459
Math Grade 7	-0.41	0.0138	1493	-0.48	0.0166	923	-0.42	0.0106	2672	-0.43	0.0040	17511	-0.37	0.0019	75977
Math Grade 8	-0.43	0.0220	803	-0.61	0.0238	679	-0.57	0.0145	1854	-0.54	0.0053	13489	-0.51	0.0028	50134
NC Math 1	-0.34	0.0155	1164	-0.55	0.0237	504	-0.36	0.0095	3213	-0.42	0.0038	18752	-0.36	0.0020	78789
NC Math 3	-0.05	0.0218	675	-0.26	0.0305	311	-0.15	0.0100	3052	-0.21	0.0045	16326	-0.09	0.0022	69128
ACT Composite	-0.12	0.0197	610	-0.13	0.0279	267	-0.16	0.0098	2442	-0.15	0.0040	14285	-0.06	0.0020	60037
ACT English	-0.10	0.0220	613	-0.13	0.0334	267	-0.15	0.0107	2453	-0.12	0.0046	14310	-0.03	0.0024	60165
ACT Math	-0.08	0.0214	613	-0.16	0.0304	267	-0.17	0.0105	2450	-0.17	0.0043	14310	-0.10	0.0023	60126
ACT Reading	-0.14	0.0235	610	-0.07	0.0362	267	-0.14	0.0124	2448	-0.13	0.0049	14298	-0.06	0.0024	60119
ACT Science	-0.07	0.0241	612	-0.08	0.0330	267	-0.12	0.0122	2447	-0.12	0.0050	14297	-0.05	0.0024	60113

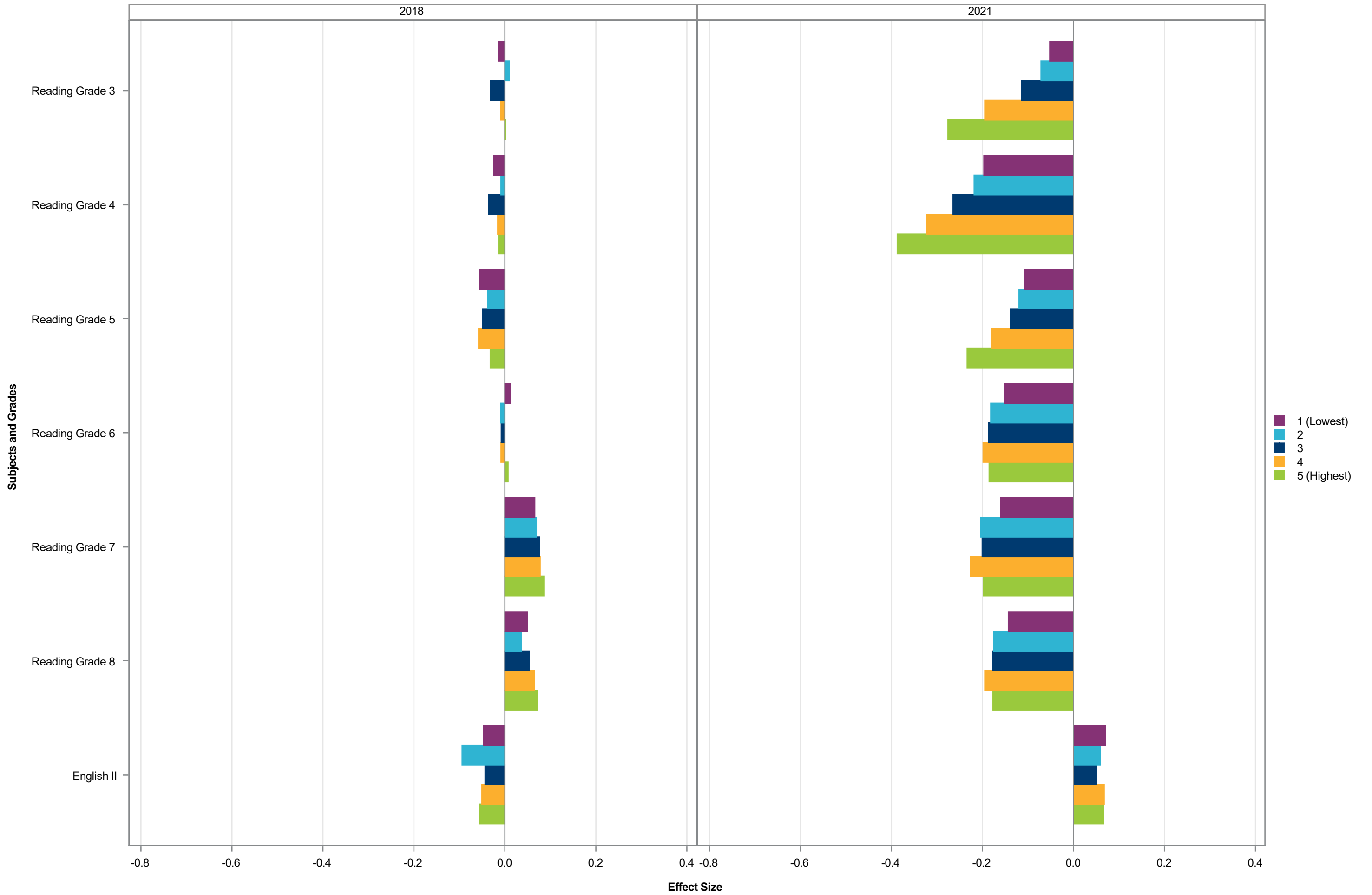
### Effect Size by Subject Grade - Percentage Connectivity - 2018

Assessment	Percentage Connectivity														
	0 to 20			20 to 40			40 to 60			60 to 80			80 to 100		
	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	0.01	0.0033	24470	-0.05	0.0037	20505	-0.02	0.0021	65708	-0.02	0.0008	376518	0.01	0.0004	1502802
Reading Grade 3	0.01	0.0161	1592	-0.16	0.0142	2045	-0.07	0.0093	4838	-0.05	0.0046	19674	0.02	0.0023	75907
Reading Grade 4	-0.02	0.0125	1634	-0.09	0.0113	2096	-0.03	0.0074	4670	-0.04	0.0035	21074	-0.01	0.0018	79033
Reading Grade 5	-0.02	0.0123	1497	-0.10	0.0107	1952	-0.04	0.0078	3901	-0.06	0.0034	21261	-0.04	0.0017	77037
Reading Grade 6	-0.06	0.0119	1496	-0.03	0.0132	1230	-0.03	0.0091	2777	-0.04	0.0034	19566	-0.00	0.0016	81684
Reading Grade 7	0.07	0.0124	1426	0.07	0.0145	1146	0.09	0.0092	2614	0.07	0.0035	18087	0.06	0.0017	77842
Reading Grade 8	0.02	0.0125	1372	0.00	0.0155	973	0.02	0.0096	2491	0.03	0.0037	17137	0.04	0.0018	73563
English II	0.01	0.0154	857	-0.07	0.0247	385	-0.01	0.0079	3747	-0.03	0.0033	20178	0.00	0.0017	79908
Science Grade 5	0.06	0.0145	1481	-0.02	0.0140	1935	-0.00	0.0101	3869	-0.03	0.0041	21080	0.02	0.0021	76289
Science Grade 8	0.06	0.0135	1378	-0.11	0.0172	977	-0.03	0.0099	2509	0.03	0.0040	17184	0.05	0.0019	73786
Biology	0.12	0.0170	856	0.07	0.0280	408	0.15	0.0094	3339	0.04	0.0037	19717	0.11	0.0019	79039
Math Grade 5	0.06	0.0124	1496	-0.02	0.0112	1953	0.01	0.0087	3897	-0.03	0.0035	21221	0.02	0.0018	76945
Math Grade 6	-0.01	0.0127	1495	-0.06	0.0132	1221	-0.06	0.0094	2773	-0.05	0.0036	19545	0.02	0.0017	81629
Math Grade 7	0.01	0.0115	1422	-0.01	0.0133	1146	0.07	0.0094	2613	0.00	0.0036	18053	0.05	0.0017	77746
Math Grade 8	0.18	0.0193	811	0.06	0.0193	752	-0.00	0.0124	1867	-0.01	0.0046	13499	0.03	0.0024	50377
NC Math 1	0.04	0.0138	1345	-0.01	0.0212	582	0.02	0.0091	3597	0.00	0.0037	20362	0.04	0.0017	83997
ACT Composite	-0.07	0.0153	862	-0.06	0.0211	339	-0.07	0.0079	3227	-0.06	0.0033	17740	-0.02	0.0017	71442
ACT English	-0.07	0.0182	863	-0.11	0.0264	342	-0.08	0.0091	3249	-0.06	0.0039	17798	-0.04	0.0020	71693
ACT Math	-0.05	0.0170	863	-0.09	0.0251	342	-0.07	0.0089	3248	-0.04	0.0038	17791	0.00	0.0020	71671
ACT Reading	-0.05	0.0191	862	0.00	0.0267	342	-0.03	0.0095	3241	-0.03	0.0040	17784	-0.02	0.0021	71632
ACT Science	-0.08	0.0190	862	0.01	0.0274	339	-0.08	0.0100	3241	-0.07	0.0042	17767	-0.04	0.0021	71582

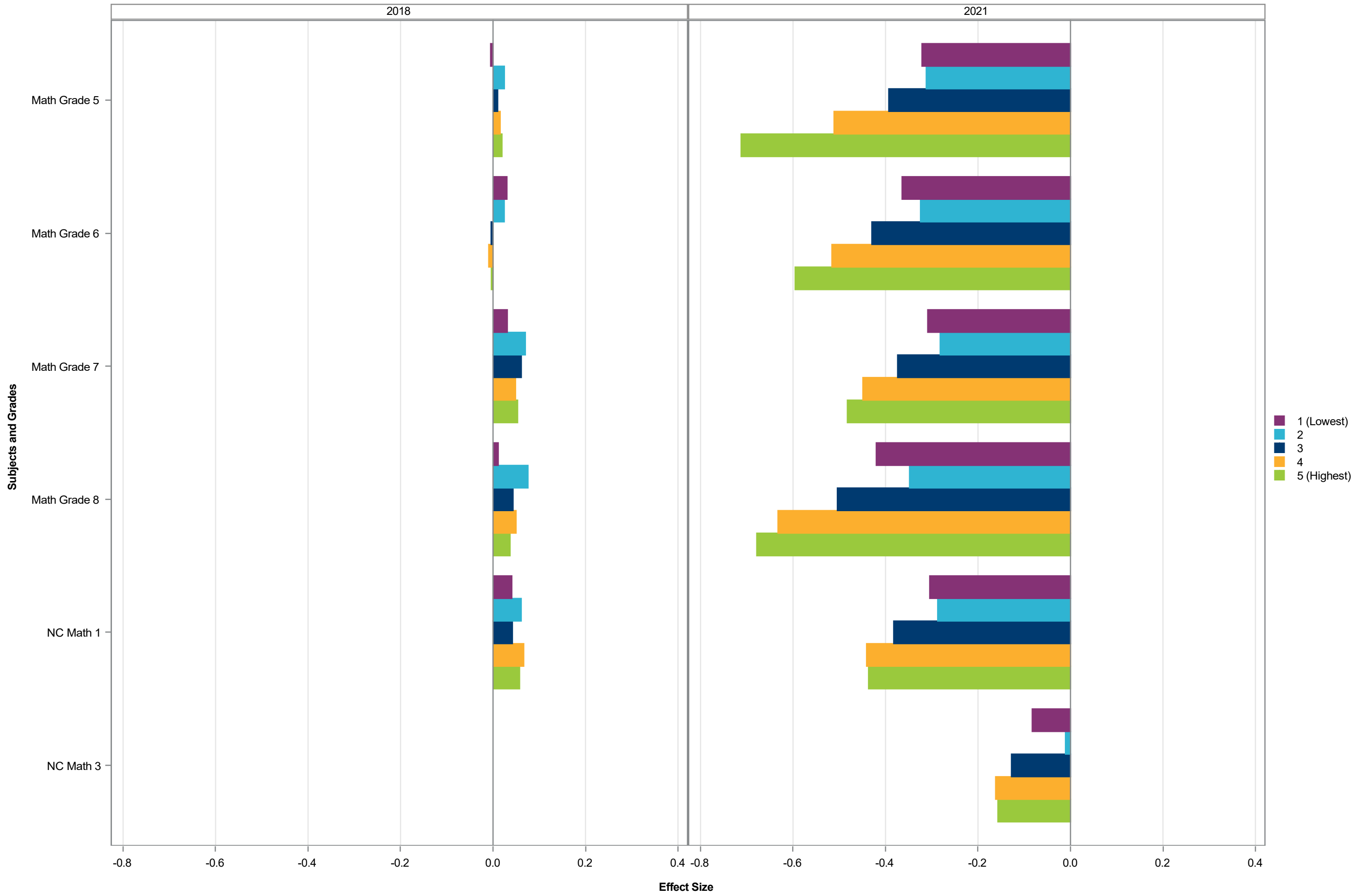
# Effect Size by Subject Grade - Remote Days Quintile (Student Level)



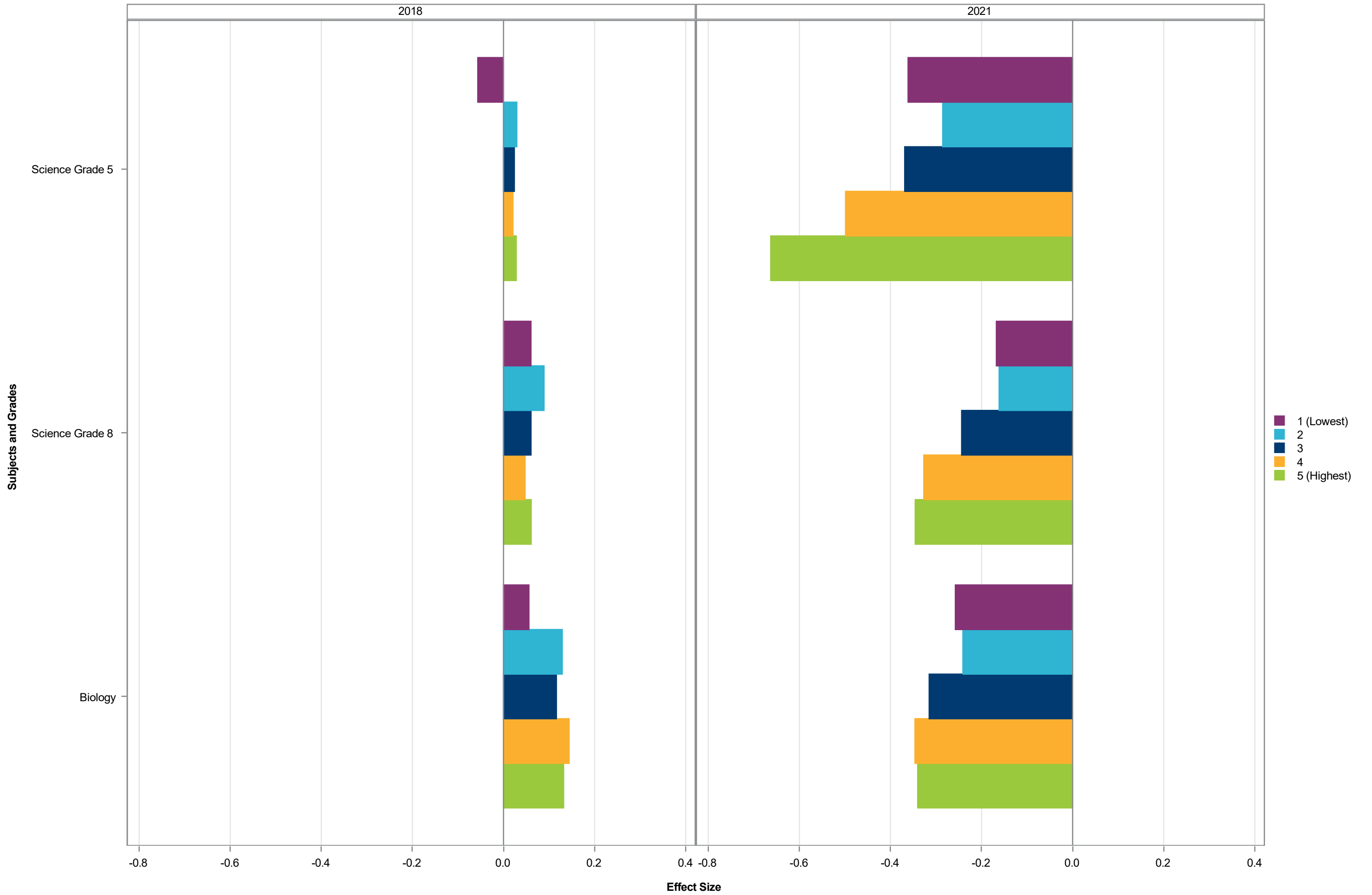
### Effect Size by Subject Grade - Remote Days Quintile (Student Level)



# Effect Size by Subject Grade - Remote Days Quintile (Student Level)



# Effect Size by Subject Grade - Remote Days Quintile (Student Level)





# Effect Size by Subject Grade - Remote Days Quintile (Student Level)

2021

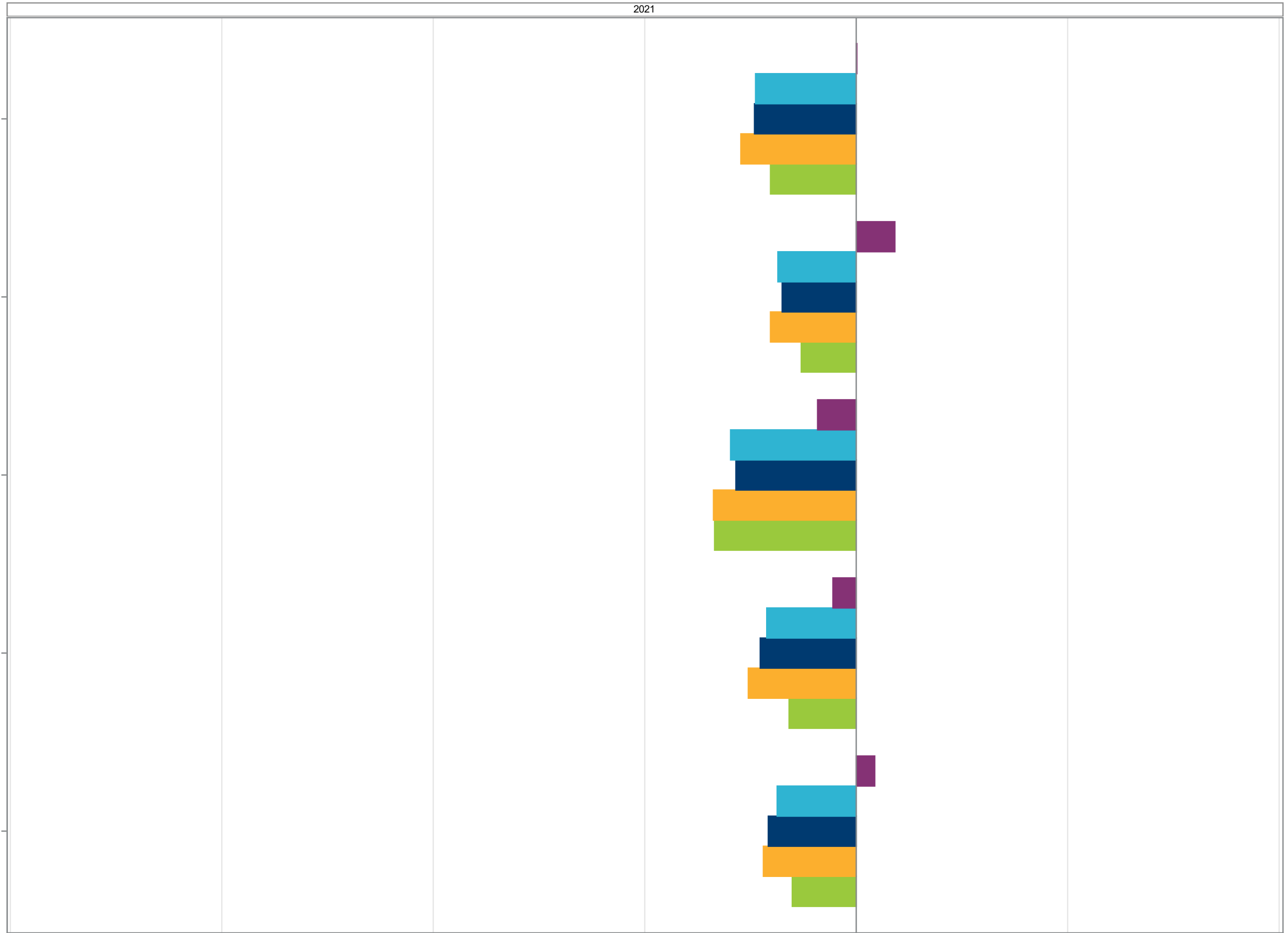
Subjects and Grades

ACT Composite  
ACT English  
ACT Math  
ACT Reading  
ACT Science

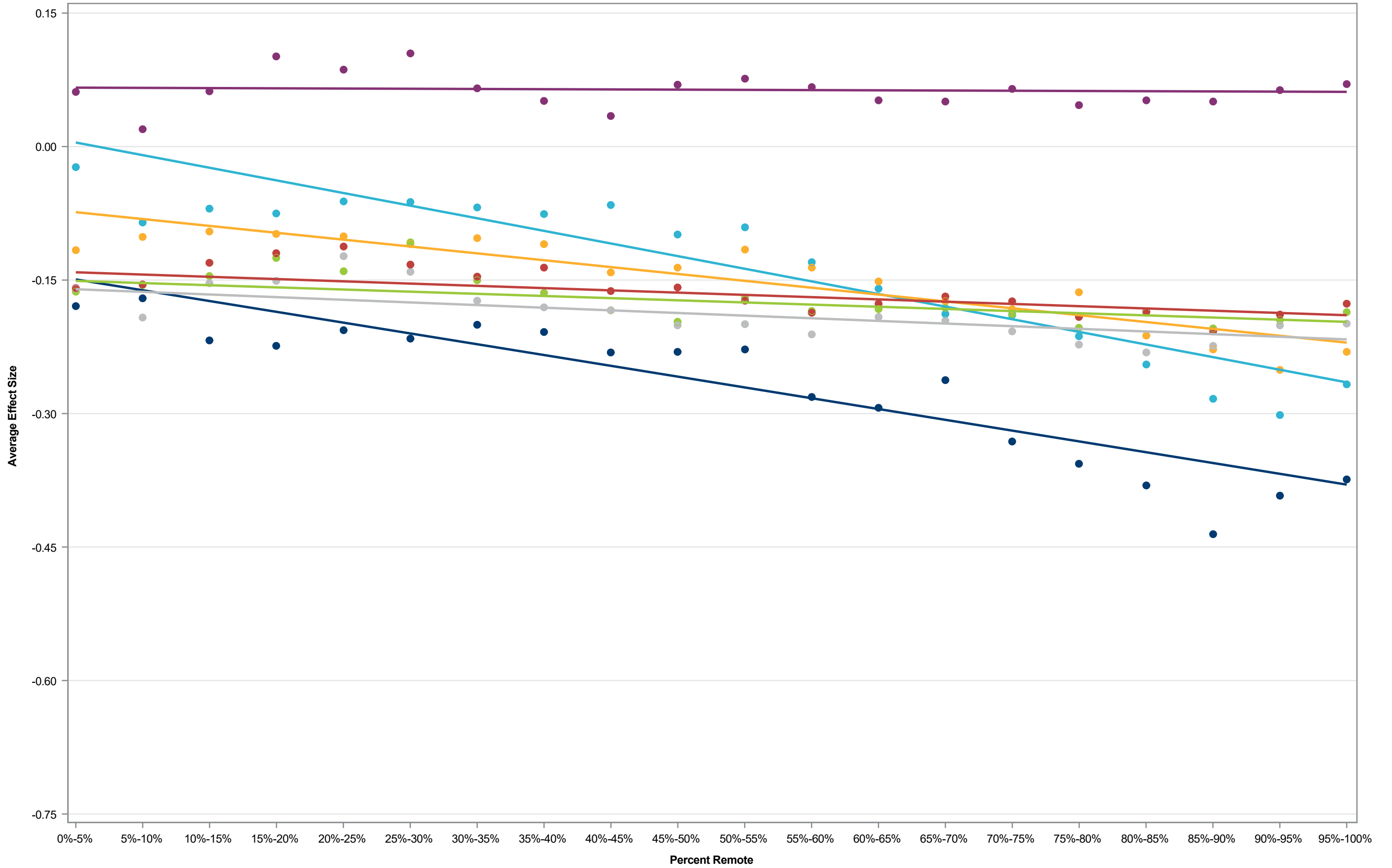
-0.8 -0.6 -0.4 -0.2 0.0 0.2 0.4

Effect Size

- 1 (Lowest)
- 2
- 3
- 4
- 5 (Highest)

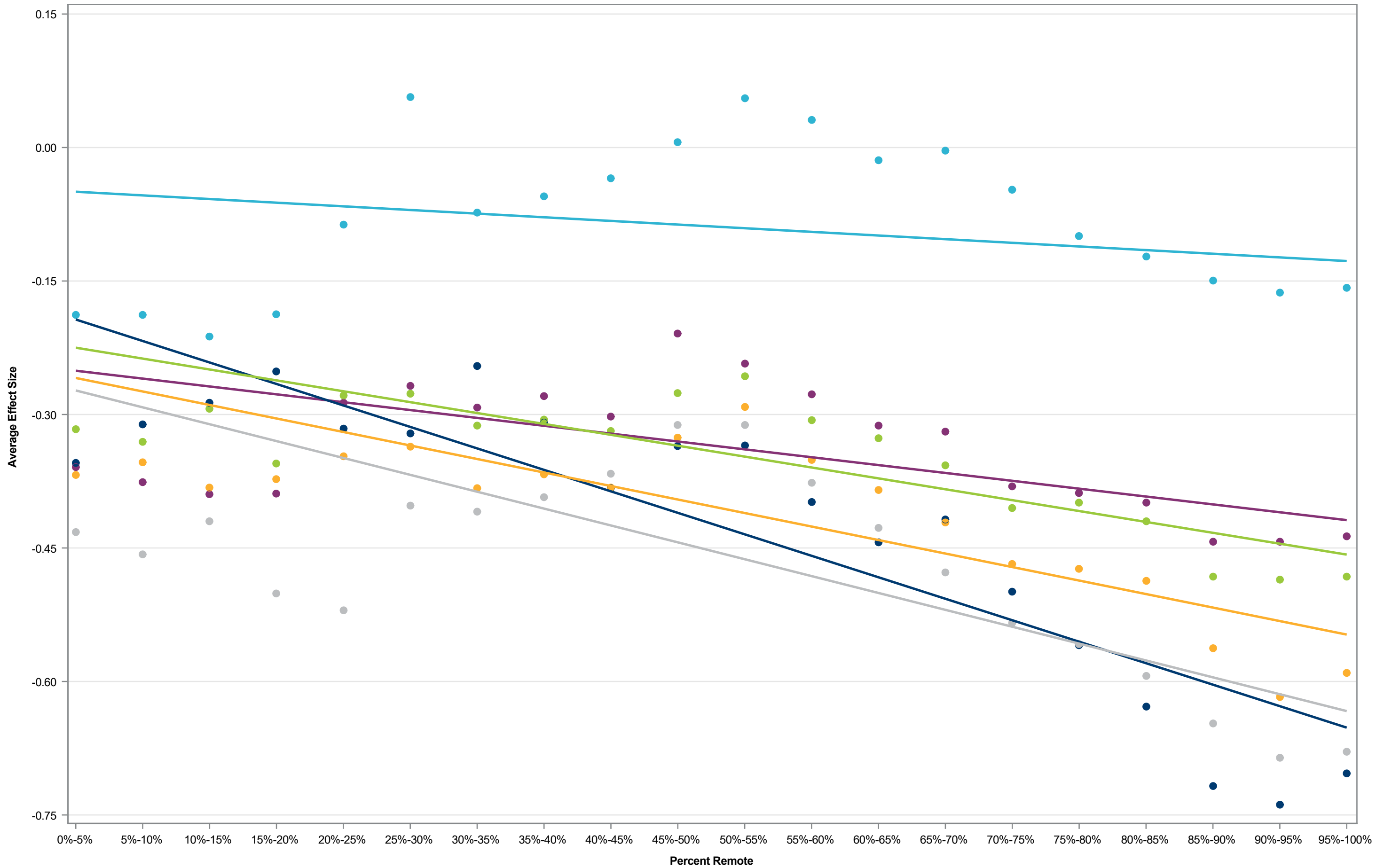


Effect Size by Remote Percent - 2021



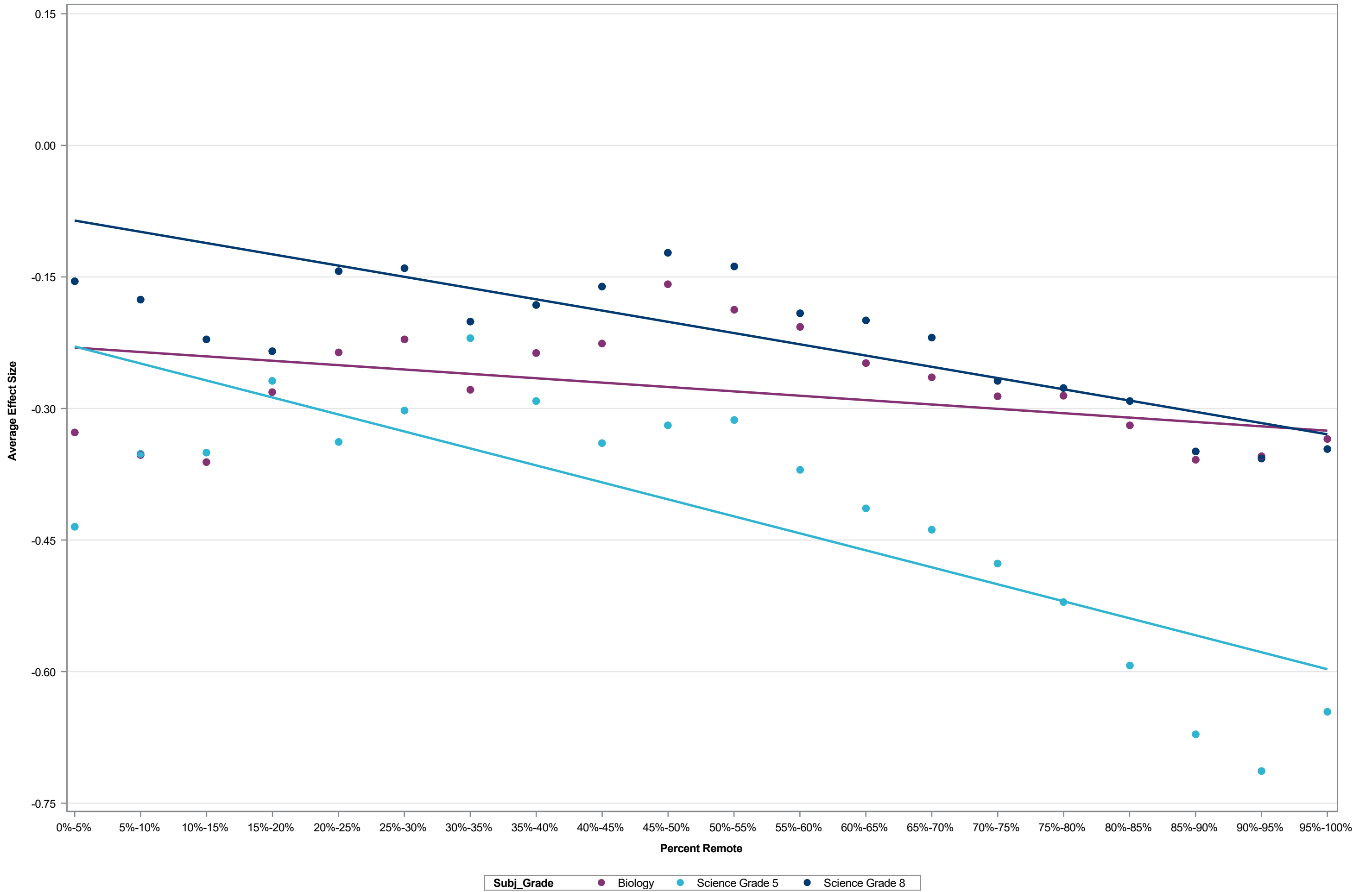
Subj\_Grade English II Reading Grade 3 Reading Grade 4 Reading Grade 5 Reading Grade 6 Reading Grade 7 Reading Grade 8

Effect Size by Remote Percent - 2021

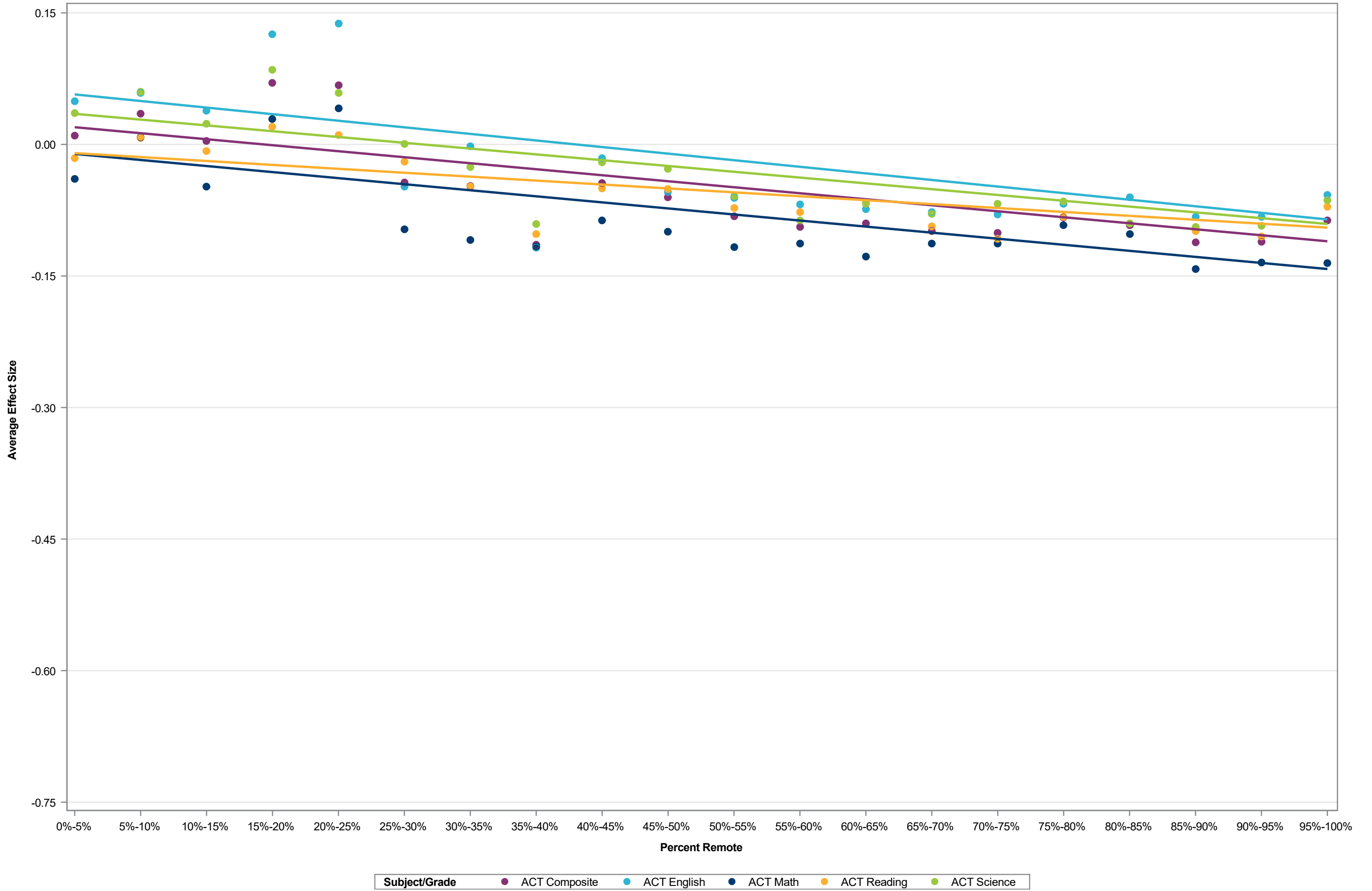


Subj\_Grade    ● NC Math 1    ● NC Math 3    ● Math Grade 5    ● Math Grade 6    ● Math Grade 7    ● Math Grade 8

Effect Size by Remote Percent - 2021



Effect Size by Remote Percent - 2021



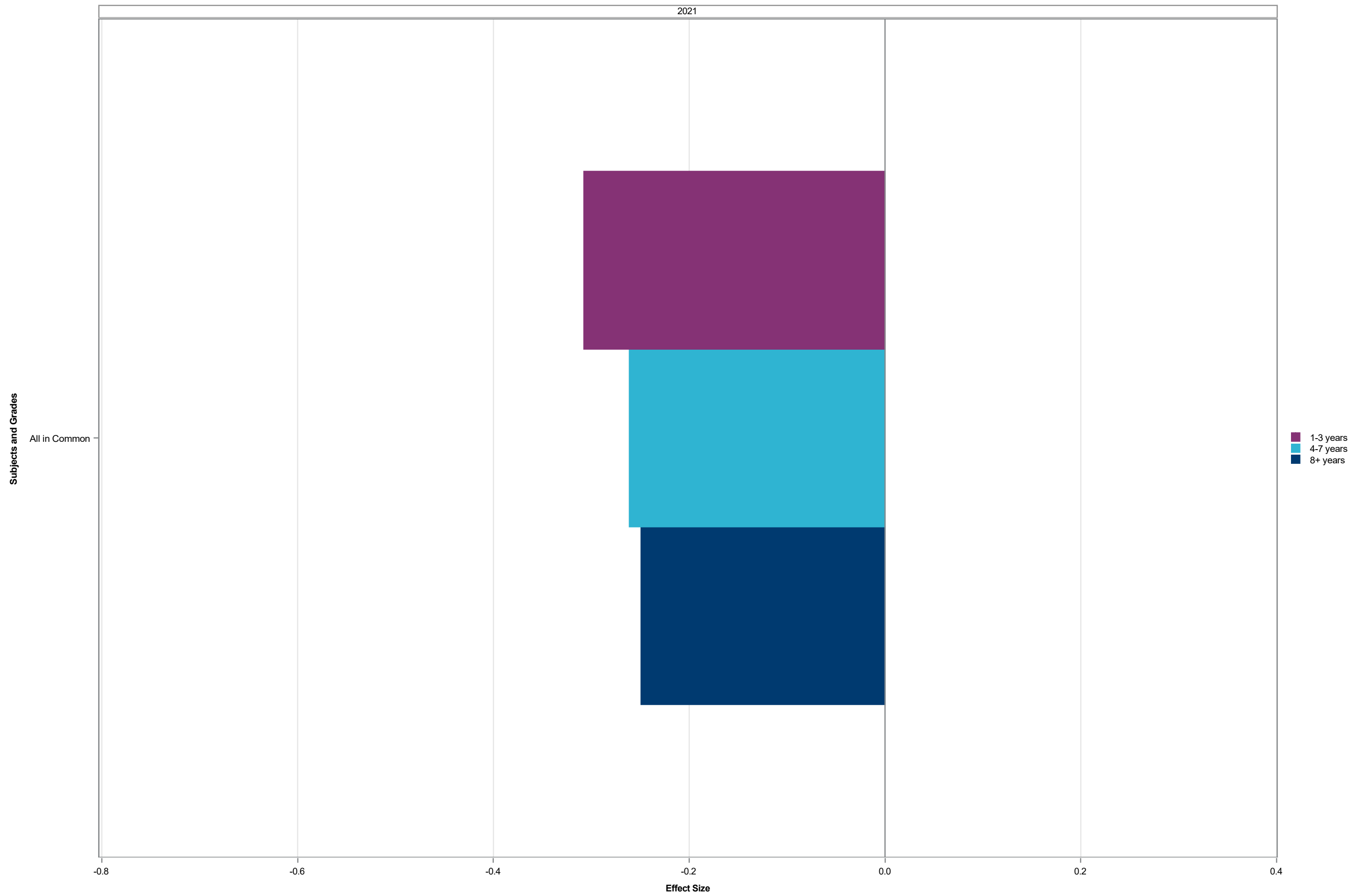
### Effect Size by Subject Grade - Remote Days Quintile (Student Level) - 2021

	Remote Days Quintile (Student Level)														
	1 (Lowest)			2			3			4			5 (Highest)		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.17	0.0010	362253	-0.18	0.0009	369979	-0.23	0.0009	368801	-0.28	0.0010	366806	-0.31	0.0010	368758
Reading Grade 3	-0.05	0.0051	17243	-0.07	0.0050	18014	-0.11	0.0051	17932	-0.19	0.0052	17546	-0.28	0.0053	17615
Reading Grade 4	-0.20	0.0050	17778	-0.22	0.0049	18391	-0.26	0.0049	18298	-0.32	0.0051	18109	-0.39	0.0050	18150
Reading Grade 5	-0.11	0.0038	19112	-0.12	0.0038	19450	-0.14	0.0038	19476	-0.18	0.0038	19333	-0.23	0.0038	19342
Reading Grade 6	-0.15	0.0036	19262	-0.18	0.0036	19674	-0.19	0.0035	19812	-0.20	0.0036	19510	-0.19	0.0035	19727
Reading Grade 7	-0.16	0.0034	20308	-0.20	0.0034	20634	-0.20	0.0033	20689	-0.23	0.0034	20564	-0.20	0.0033	20664
Reading Grade 8	-0.14	0.0034	19696	-0.18	0.0033	20136	-0.18	0.0033	20089	-0.19	0.0033	19916	-0.18	0.0033	19973
English II	0.07	0.0033	19954	0.06	0.0032	20266	0.05	0.0033	20042	0.07	0.0032	20305	0.07	0.0032	20230
Science Grade 5	-0.36	0.0047	19084	-0.29	0.0046	19398	-0.37	0.0046	19511	-0.50	0.0045	19227	-0.66	0.0046	19314
Science Grade 8	-0.17	0.0037	19798	-0.16	0.0037	20171	-0.24	0.0037	20152	-0.33	0.0037	20004	-0.35	0.0036	20100
Biology	-0.26	0.0038	18995	-0.24	0.0036	19406	-0.32	0.0036	19111	-0.35	0.0036	19228	-0.34	0.0036	19294
Math Grade 5	-0.32	0.0044	19107	-0.31	0.0043	19383	-0.39	0.0043	19523	-0.51	0.0044	19280	-0.71	0.0044	19326
Math Grade 6	-0.36	0.0039	19252	-0.32	0.0039	19659	-0.43	0.0038	19798	-0.52	0.0039	19475	-0.60	0.0040	19707
Math Grade 7	-0.31	0.0037	20290	-0.28	0.0036	20592	-0.37	0.0036	20671	-0.45	0.0037	20525	-0.48	0.0038	20641
Math Grade 8	-0.42	0.0053	13611	-0.35	0.0053	13988	-0.50	0.0052	13915	-0.63	0.0052	13759	-0.68	0.0052	13844
NC Math 1	-0.30	0.0039	20735	-0.29	0.0037	21130	-0.38	0.0037	20950	-0.44	0.0037	20753	-0.44	0.0038	21068
NC Math 3	-0.08	0.0045	17881	-0.01	0.0043	18270	-0.13	0.0044	17998	-0.16	0.0043	18051	-0.16	0.0043	18276
ACT Composite	0.00	0.0041	15591	-0.10	0.0038	15912	-0.10	0.0039	15742	-0.11	0.0039	15841	-0.08	0.0039	15935
ACT English	0.04	0.0049	15622	-0.07	0.0044	15952	-0.07	0.0045	15768	-0.08	0.0045	15873	-0.05	0.0045	15968
ACT Math	-0.04	0.0047	15608	-0.12	0.0042	15944	-0.11	0.0044	15803	-0.14	0.0044	15827	-0.13	0.0043	15960
ACT Reading	-0.02	0.0050	15605	-0.08	0.0047	15936	-0.09	0.0048	15764	-0.10	0.0047	15865	-0.06	0.0047	15951
ACT Science	0.02	0.0048	15602	-0.07	0.0046	15943	-0.08	0.0048	15755	-0.09	0.0048	15866	-0.06	0.0047	15949

**Effect Size by Subject Grade - Remote Days Quintile (Student Level) - 2018**

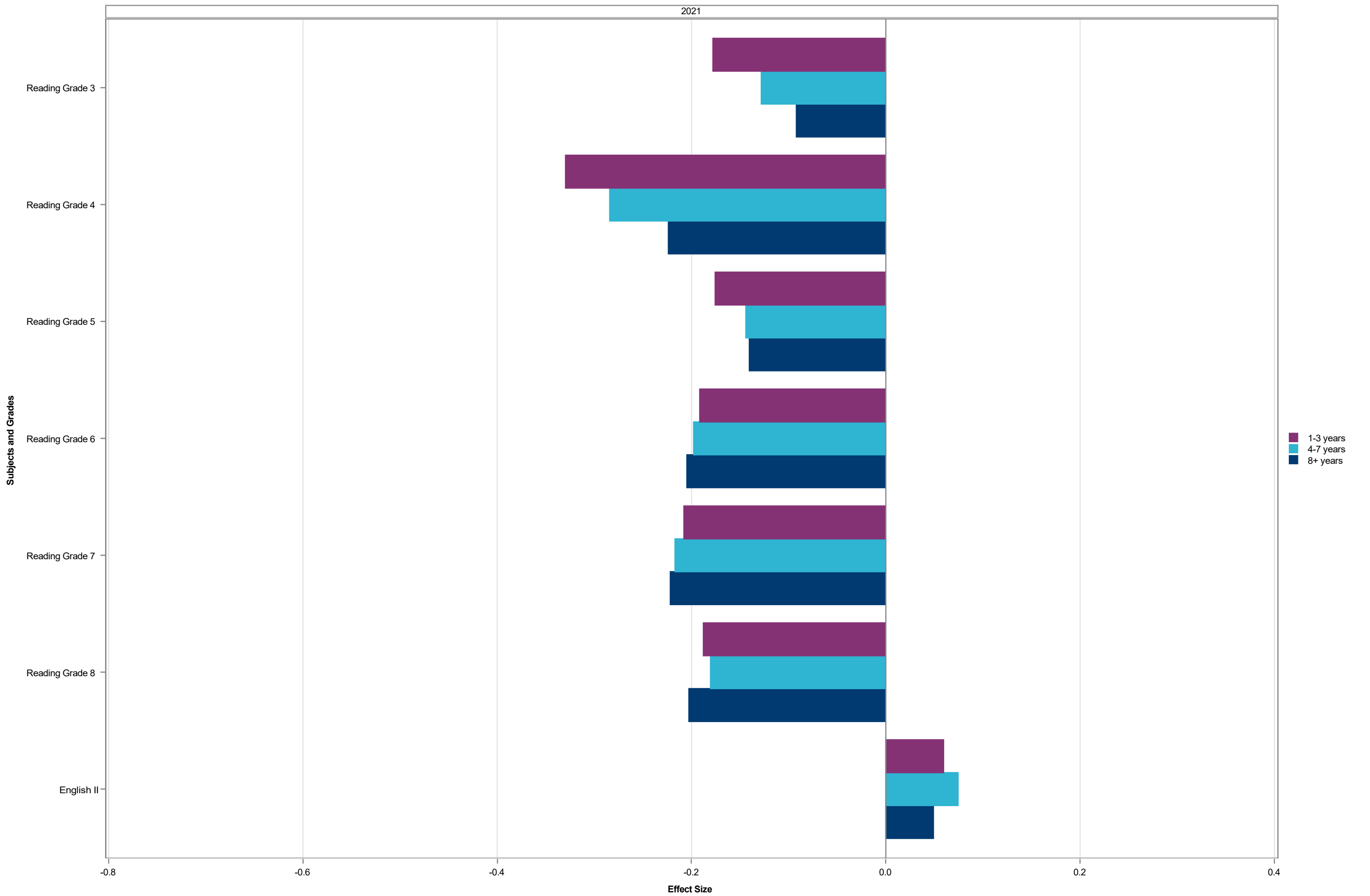
	Remote Days Quintile (Student Level)														
	1 (Lowest)			2			3			4			5 (Highest)		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	0.01	0.0011	220692	0.03	0.0011	224155	0.02	0.0011	222540	0.02	0.0011	221595	0.03	0.0011	222120
Reading Grade 3	-0.01	0.0047	18051	0.01	0.0046	18430	-0.03	0.0047	18245	-0.01	0.0048	18129	0.00	0.0047	18113
Reading Grade 4	-0.02	0.0037	19022	-0.01	0.0036	19314	-0.04	0.0037	19168	-0.02	0.0037	19112	-0.01	0.0036	19065
Reading Grade 5	-0.06	0.0035	18780	-0.04	0.0035	19034	-0.05	0.0035	18933	-0.06	0.0036	18847	-0.03	0.0035	18821
Reading Grade 6	0.01	0.0036	17232	-0.01	0.0035	17436	-0.01	0.0035	17397	-0.01	0.0036	17310	0.01	0.0036	17313
Reading Grade 7	0.07	0.0035	18066	0.07	0.0034	18486	0.08	0.0035	18245	0.08	0.0034	18201	0.09	0.0034	18279
Reading Grade 8	0.05	0.0037	16280	0.04	0.0037	16544	0.05	0.0037	16329	0.07	0.0037	16305	0.07	0.0037	16467
English II	-0.05	0.0230	322	-0.09	0.0222	332	-0.04	0.0220	340	-0.05	0.0227	338	-0.06	0.0215	334
Science Grade 5	-0.06	0.0043	18655	0.03	0.0042	18907	0.02	0.0043	18800	0.02	0.0043	18694	0.03	0.0043	18657
Science Grade 8	0.06	0.0039	16313	0.09	0.0040	16457	0.06	0.0040	16491	0.05	0.0040	16358	0.06	0.0040	16505
Biology	0.06	0.0090	2475	0.13	0.0093	2418	0.12	0.0092	2434	0.14	0.0098	2427	0.13	0.0098	2412
Math Grade 5	-0.01	0.0037	18762	0.02	0.0036	19012	0.01	0.0037	18902	0.02	0.0037	18835	0.02	0.0037	18784
Math Grade 6	0.03	0.0038	17219	0.02	0.0037	17430	-0.00	0.0038	17374	-0.01	0.0038	17294	-0.00	0.0038	17311
Math Grade 7	0.03	0.0034	18049	0.07	0.0034	18463	0.06	0.0035	18234	0.05	0.0035	18156	0.05	0.0034	18268
Math Grade 8	0.01	0.0050	11003	0.08	0.0050	11225	0.04	0.0052	11093	0.05	0.0052	11055	0.04	0.0051	11223
NC Math 1	0.04	0.0046	10463	0.06	0.0047	10662	0.04	0.0048	10555	0.07	0.0049	10529	0.06	0.0049	10568

# Effect Size by Subject Grade - Teacher Longevity at a School

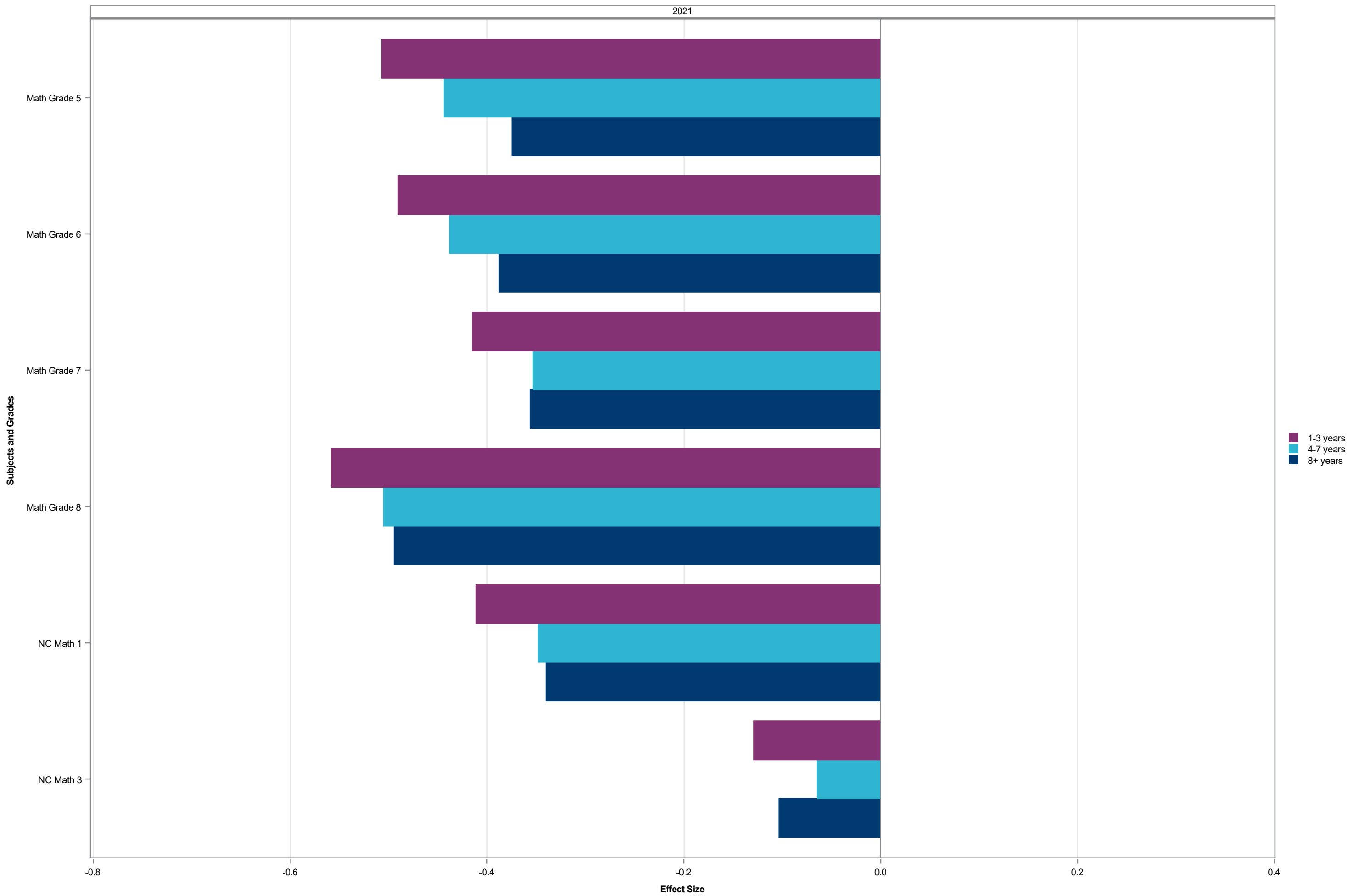




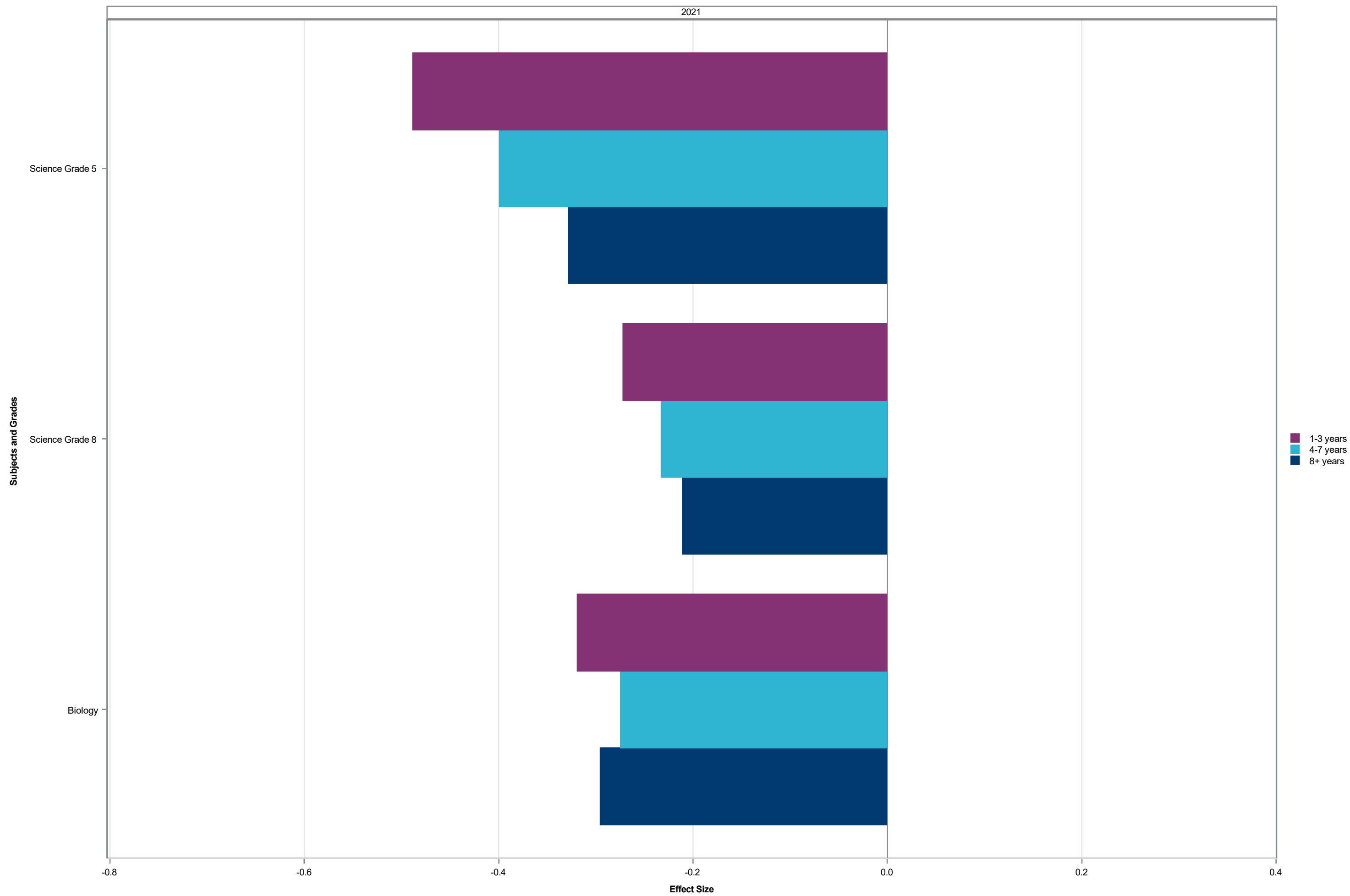
# Effect Size by Subject Grade - Teacher Longevity at a School



# Effect Size by Subject Grade - Teacher Longevity at a School



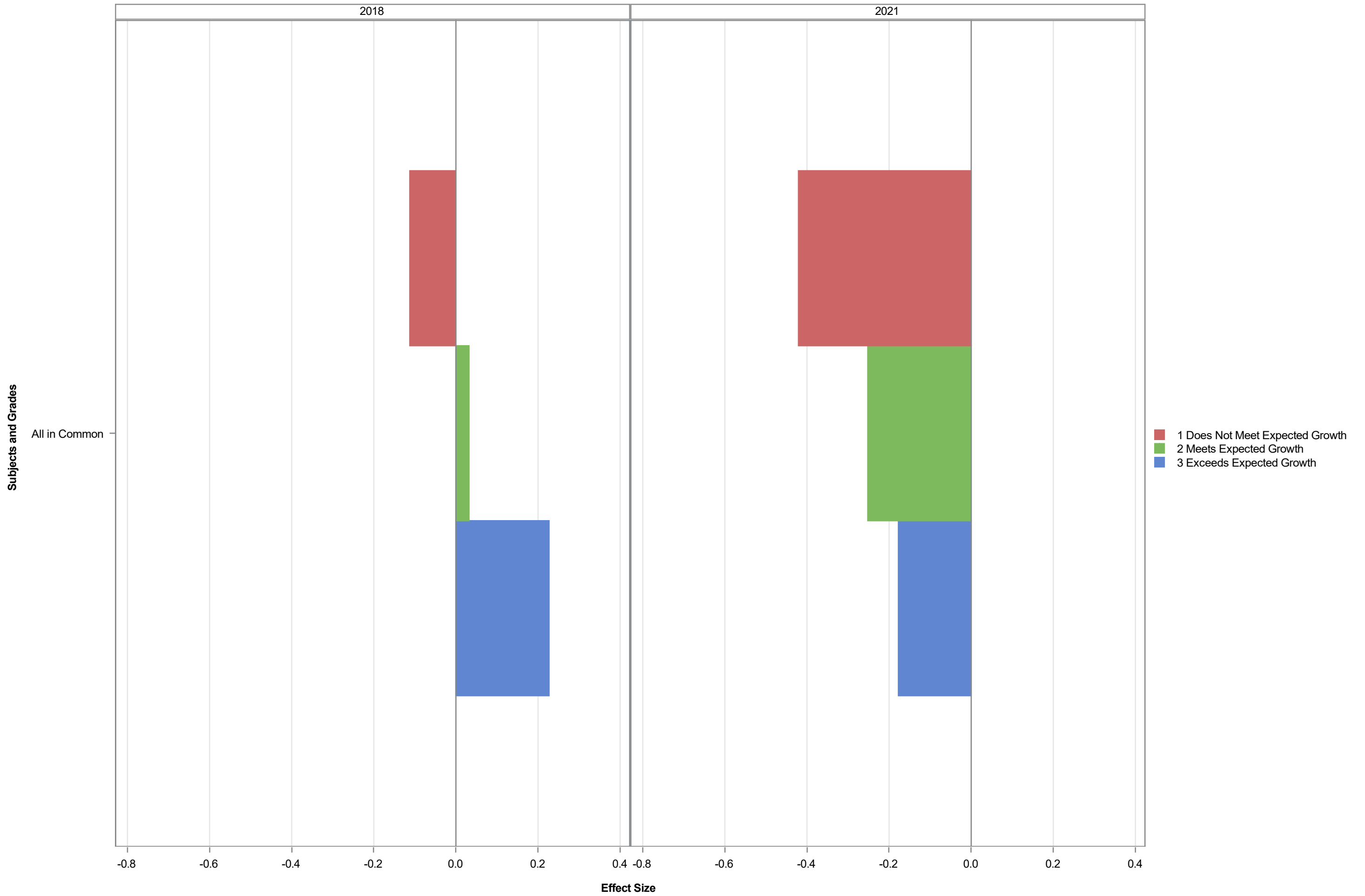
# Effect Size by Subject Grade - Teacher Longevity at a School



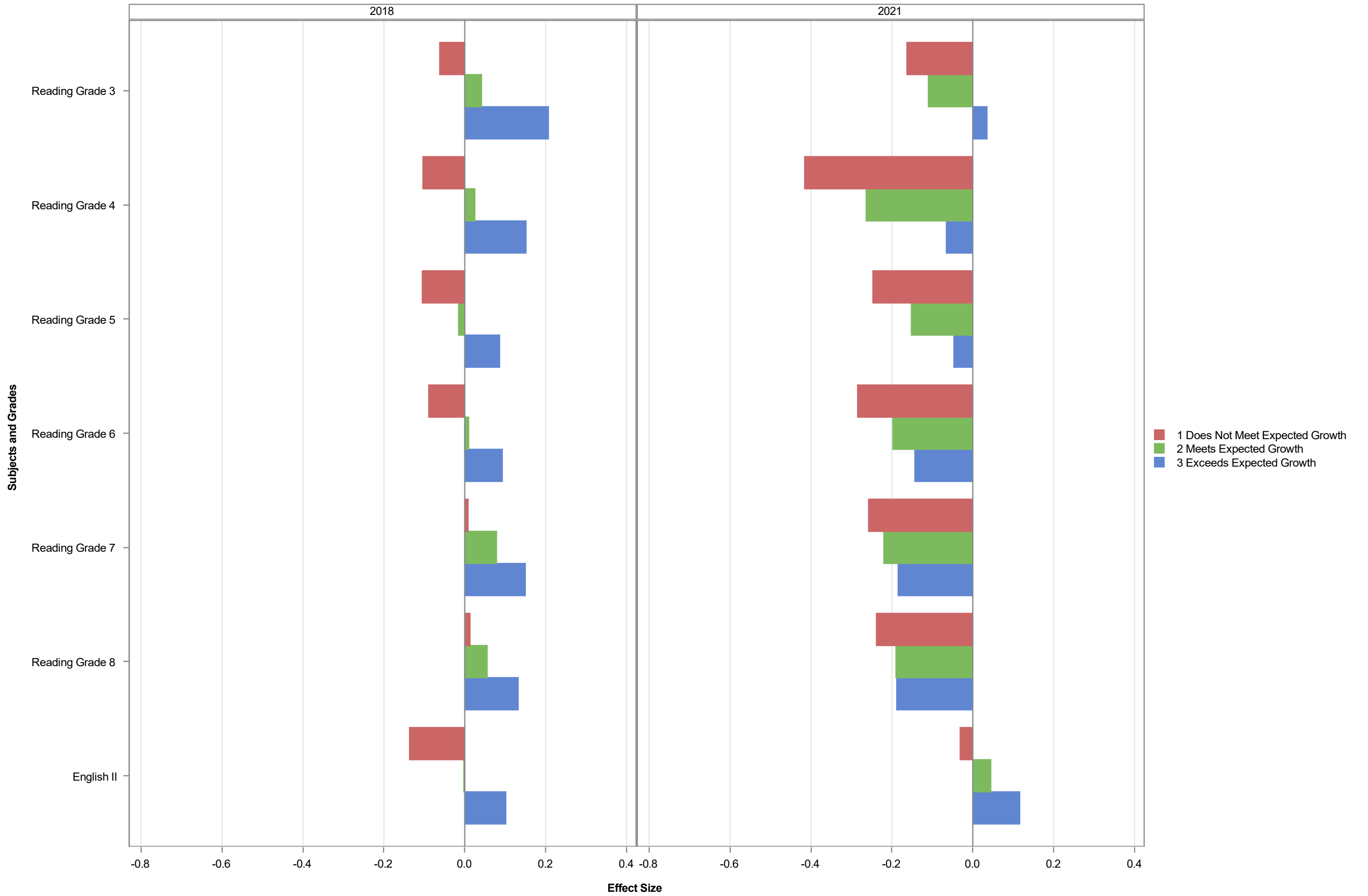
### Effect Size by Subject Grade - Teacher Longevity at a School - 2021

Assessment	Teacher Longevity at a School								
	1-3 years			4-7 years			8+ years		
	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.31	0.0008	478169	-0.26	0.0011	296200	-0.25	0.0010	333707
Reading Grade 3	-0.18	0.0044	24571	-0.13	0.0056	15242	-0.09	0.0051	17516
Reading Grade 4	-0.33	0.0043	23727	-0.28	0.0055	15105	-0.22	0.0049	18154
Reading Grade 5	-0.18	0.0032	27852	-0.14	0.0043	15317	-0.14	0.0038	19668
Reading Grade 6	-0.19	0.0026	35642	-0.20	0.0036	19031	-0.20	0.0035	19649
Reading Grade 7	-0.21	0.0025	38567	-0.22	0.0034	19586	-0.22	0.0033	20534
Reading Grade 8	-0.19	0.0025	33765	-0.18	0.0032	20792	-0.20	0.0031	22286
English II	0.06	0.0026	32093	0.07	0.0027	27251	0.05	0.0027	28178
Science Grade 5	-0.49	0.0037	30764	-0.40	0.0047	19706	-0.33	0.0041	25297
Science Grade 8	-0.27	0.0027	36442	-0.23	0.0035	22903	-0.21	0.0031	28770
Biology	-0.32	0.0027	34757	-0.27	0.0032	25436	-0.30	0.0030	29282
Math Grade 5	-0.51	0.0038	27219	-0.44	0.0048	17650	-0.37	0.0042	22244
Math Grade 6	-0.49	0.0029	35929	-0.44	0.0042	18153	-0.39	0.0038	22019
Math Grade 7	-0.41	0.0027	38371	-0.35	0.0037	21254	-0.36	0.0037	20920
Math Grade 8	-0.56	0.0042	22487	-0.51	0.0054	13890	-0.49	0.0053	15011
NC Math 1	-0.41	0.0029	35983	-0.35	0.0035	24884	-0.34	0.0036	24179
NC Math 3	-0.13	0.0035	27877	-0.06	0.0041	20978	-0.10	0.0034	29966

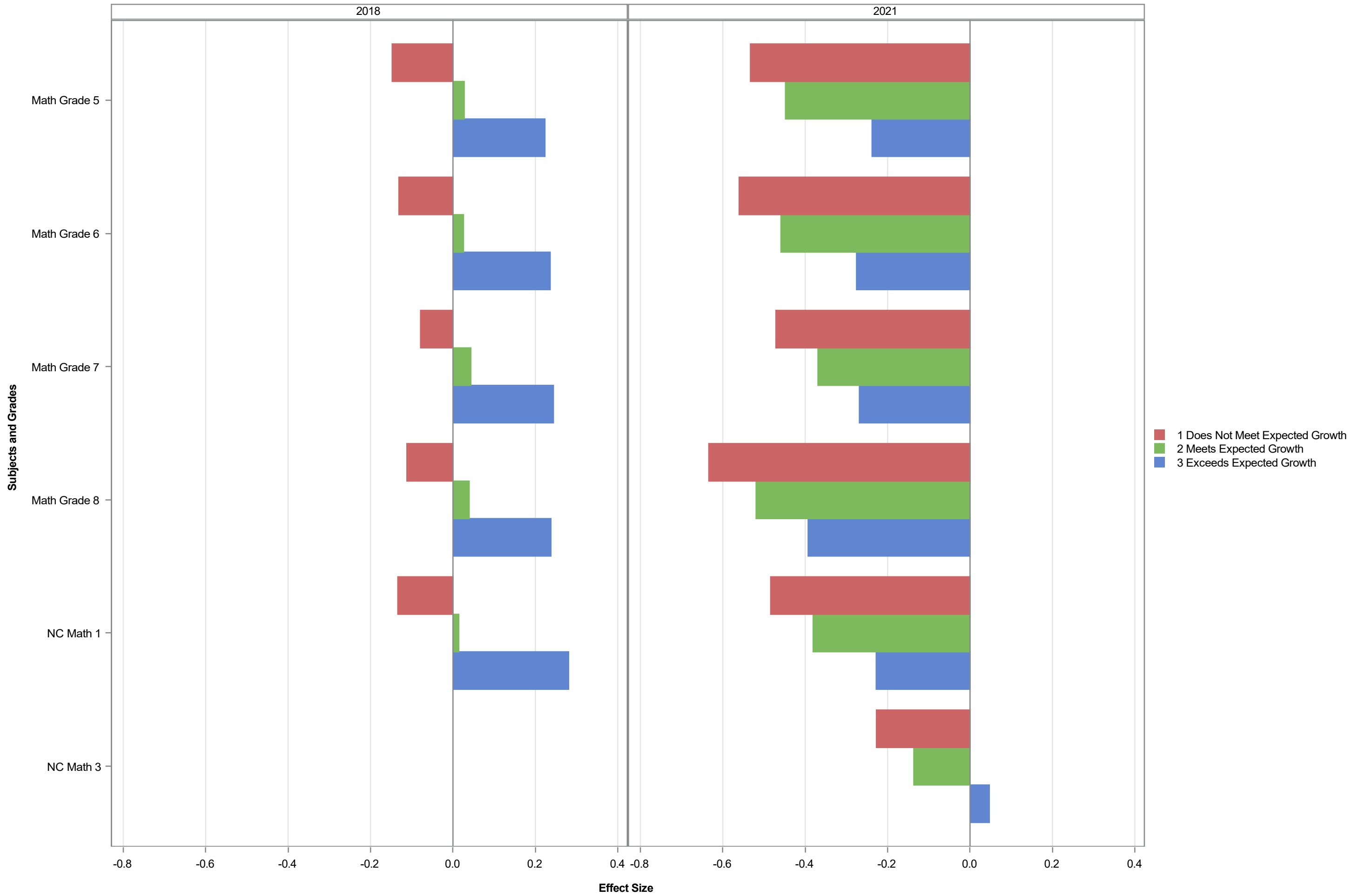
# Effect Size by Subject Grade - Teacher Previous Effectiveness Level



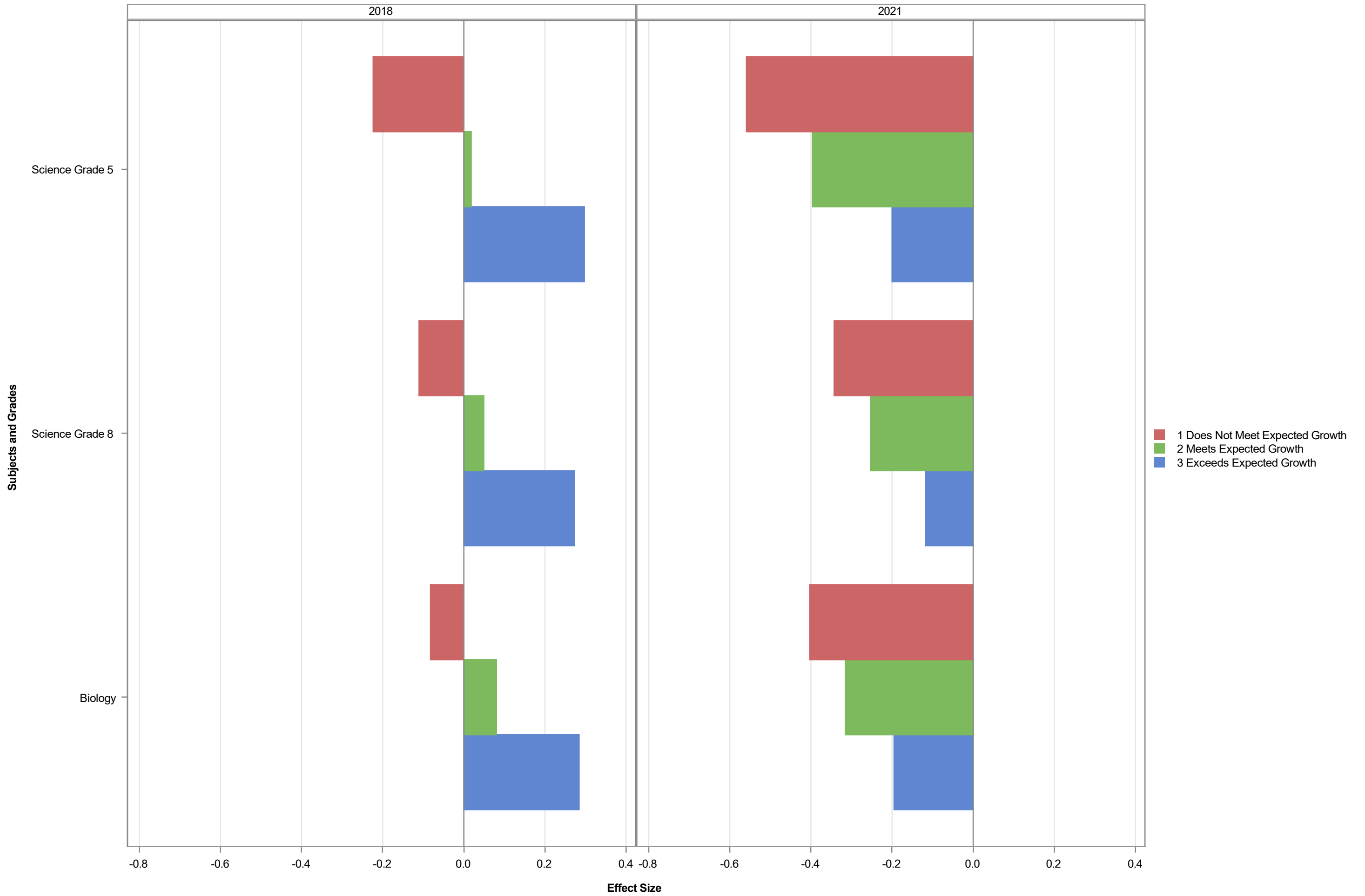
# Effect Size by Subject Grade - Teacher Previous Effectiveness Level



### Effect Size by Subject Grade - Teacher Previous Effectiveness Level



# Effect Size by Subject Grade - Teacher Previous Effectiveness Level





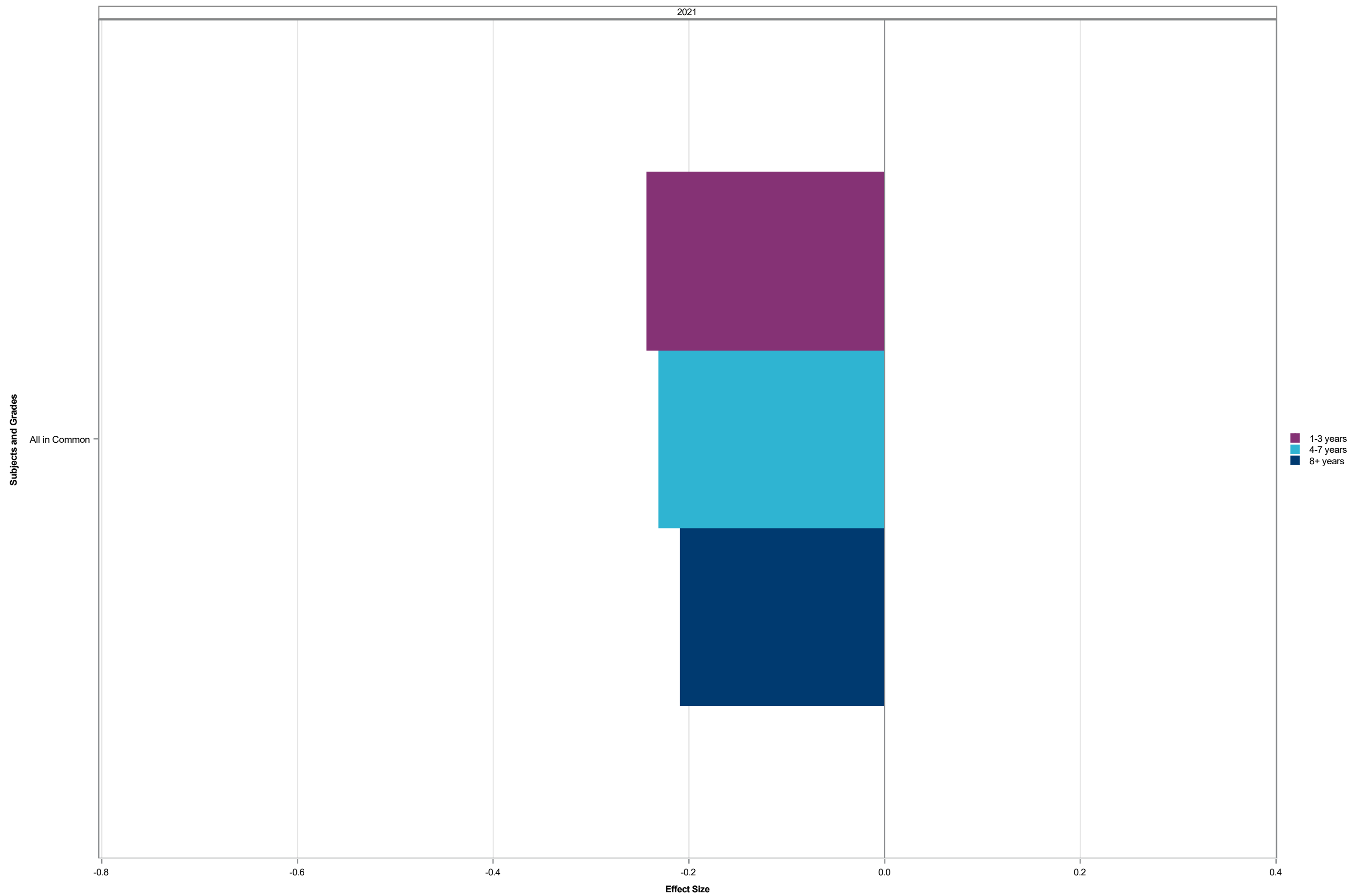
### Effect Size by Subject Grade - Teacher Previous Effectiveness Level - 2021

Assessment	Teacher Previous Effectiveness Level								
	1 Does Not Meet Expected Growth			2 Meets Expected Growth			3 Exceeds Expected Growth		
	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.42	0.0019	85559	-0.25	0.0009	387768	-0.18	0.0014	165379
Reading Grade 3	-0.16	0.0305	492	-0.11	0.0041	28784	0.04	0.0164	1760
Reading Grade 4	-0.42	0.0211	929	-0.26	0.0040	27307	-0.07	0.0149	1939
Reading Grade 5	-0.25	0.0134	1541	-0.15	0.0031	28607	-0.05	0.0110	2416
Reading Grade 6	-0.28	0.0085	3580	-0.20	0.0027	32256	-0.14	0.0066	5225
Reading Grade 7	-0.26	0.0082	3477	-0.22	0.0025	34837	-0.18	0.0075	4266
Reading Grade 8	-0.24	0.0080	3411	-0.19	0.0025	33261	-0.19	0.0064	5196
English II	-0.03	0.0068	4543	0.04	0.0024	34446	0.12	0.0033	18396
Science Grade 5	-0.56	0.0082	5738	-0.40	0.0043	22042	-0.20	0.0057	13470
Science Grade 8	-0.34	0.0049	11105	-0.25	0.0034	23055	-0.12	0.0039	18802
Biology	-0.40	0.0044	12239	-0.32	0.0031	24848	-0.20	0.0033	24451
Math Grade 5	-0.53	0.0086	4902	-0.45	0.0042	22326	-0.24	0.0065	9698
Math Grade 6	-0.56	0.0056	9383	-0.46	0.0039	18964	-0.28	0.0044	16165
Math Grade 7	-0.47	0.0055	9280	-0.37	0.0036	22068	-0.27	0.0046	14189
Math Grade 8	-0.63	0.0080	5767	-0.52	0.0058	11612	-0.39	0.0063	11105
NC Math 1	-0.48	0.0054	9172	-0.38	0.0035	23355	-0.23	0.0042	18301
NC Math 3	-0.23	0.0051	12549	-0.14	0.0042	18994	0.05	0.0041	20409

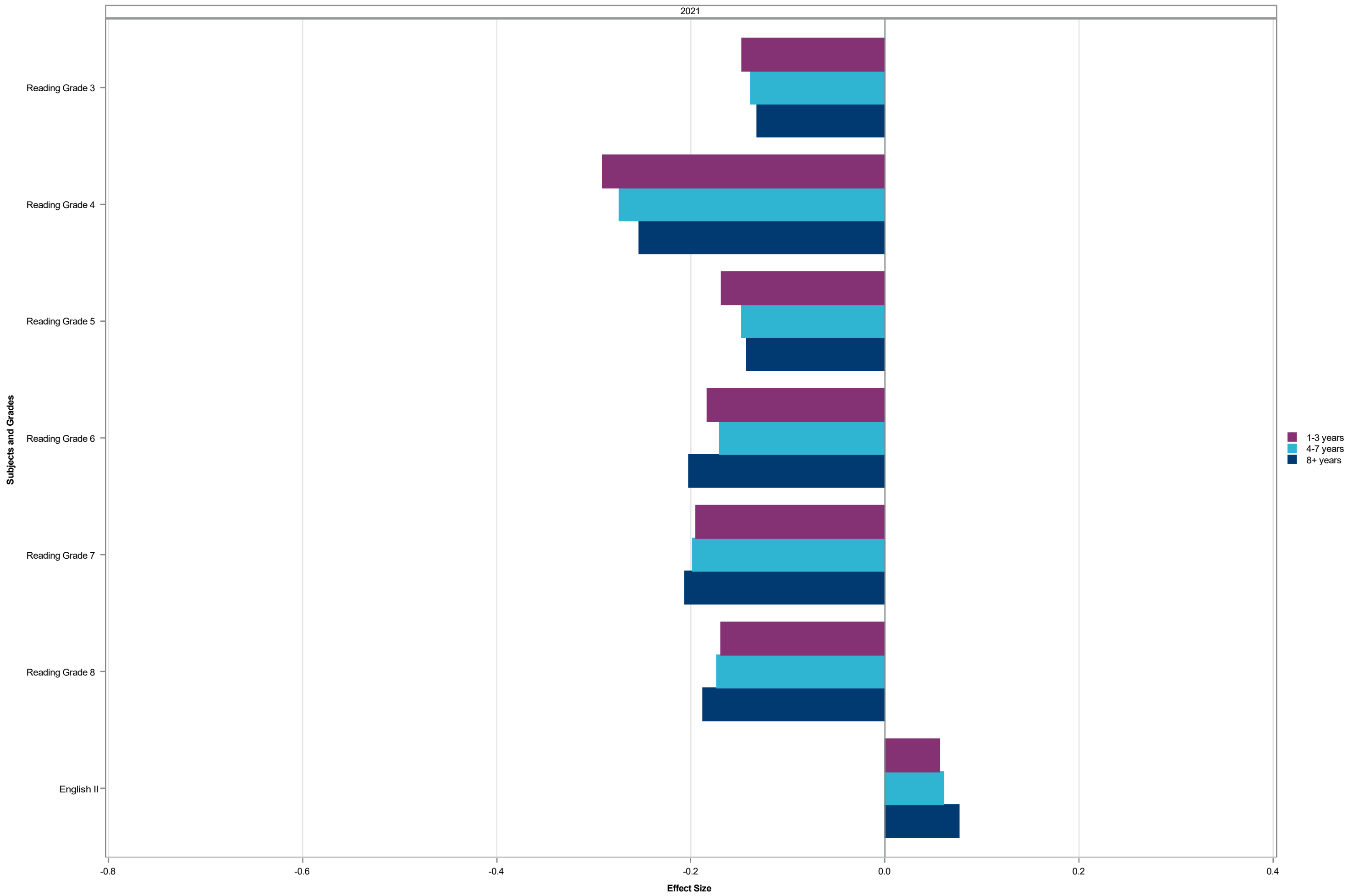
### Effect Size by Subject Grade - Teacher Previous Effectiveness Level - 2018

Assessment	Teacher Previous Effectiveness Level								
	1 Does Not Meet Expected Growth			2 Meets Expected Growth			3 Exceeds Expected Growth		
	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.11	0.0014	125347	0.03	0.0007	551685	0.23	0.0011	214279
Reading Grade 3	-0.06	0.0174	1397	0.04	0.0029	47093	0.21	0.0128	2440
Reading Grade 4	-0.10	0.0135	1372	0.02	0.0023	46102	0.15	0.0090	2778
Reading Grade 5	-0.10	0.0103	2275	-0.02	0.0023	45219	0.09	0.0079	3622
Reading Grade 6	-0.09	0.0066	5188	0.01	0.0022	45189	0.09	0.0049	8315
Reading Grade 7	0.01	0.0067	5266	0.08	0.0022	45499	0.15	0.0058	6127
Reading Grade 8	0.01	0.0078	3638	0.06	0.0022	46803	0.13	0.0062	5453
English II	-0.14	0.0060	6406	-0.00	0.0023	40721	0.10	0.0027	25223
Science Grade 5	-0.22	0.0054	10365	0.02	0.0030	33840	0.30	0.0039	20778
Science Grade 8	-0.11	0.0037	17191	0.05	0.0029	28642	0.27	0.0032	24264
Biology	-0.08	0.0038	15601	0.08	0.0027	31509	0.28	0.0030	30119
Math Grade 5	-0.15	0.0054	8848	0.03	0.0026	35234	0.22	0.0042	13937
Math Grade 6	-0.13	0.0037	16014	0.03	0.0030	24185	0.24	0.0031	22954
Math Grade 7	-0.08	0.0043	11213	0.04	0.0026	30241	0.24	0.0037	14603
Math Grade 8	-0.11	0.0061	7636	0.04	0.0038	18532	0.24	0.0051	10823
NC Math 1	-0.13	0.0042	12937	0.01	0.0027	32876	0.28	0.0033	22843

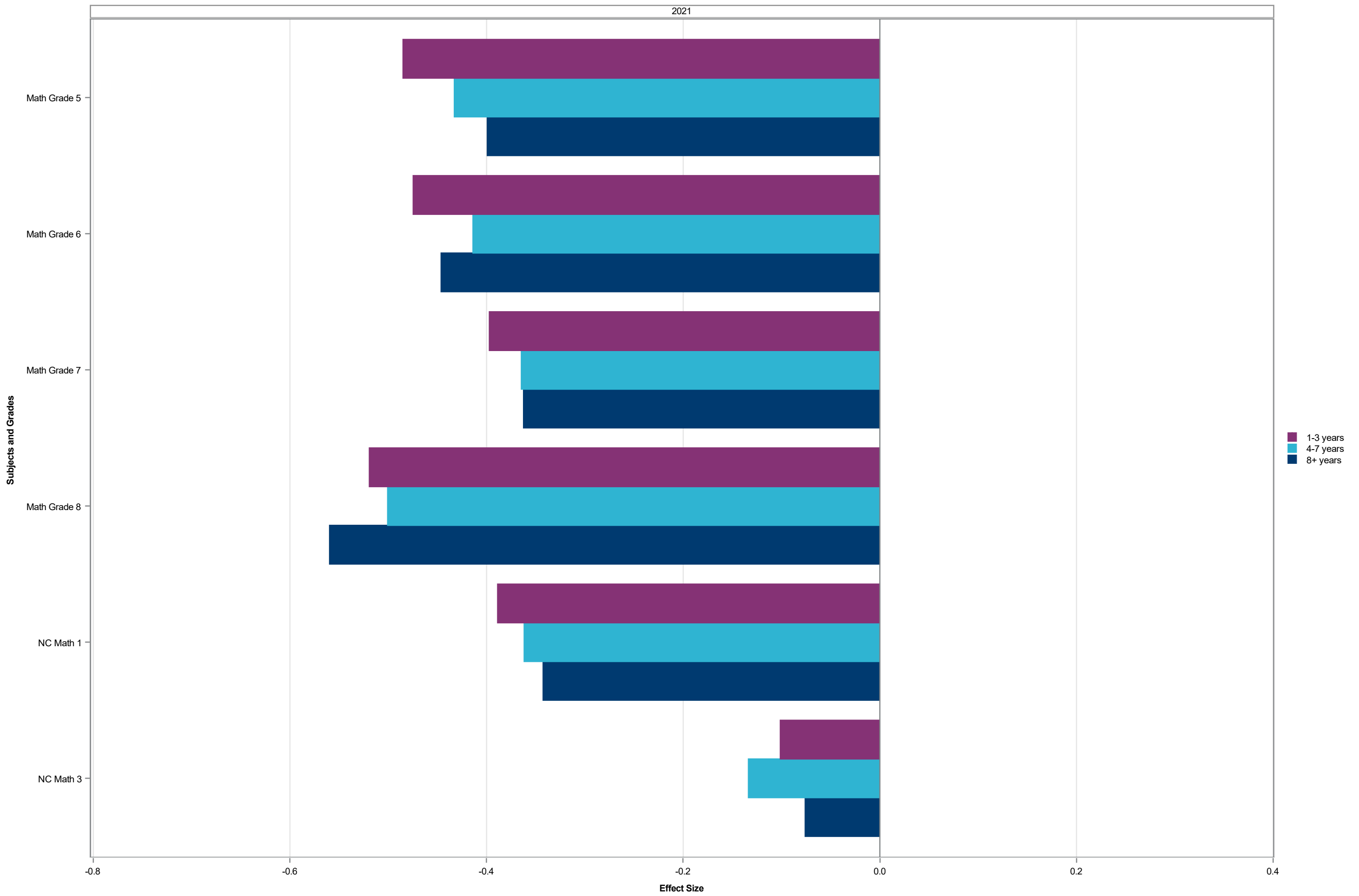
# Effect Size by Subject Grade - Principal Longevity at a School



# Effect Size by Subject Grade - Principal Longevity at a School



# Effect Size by Subject Grade - Principal Longevity at a School



# Effect Size by Subject Grade - Principal Longevity at a School

2021

Subjects and Grades

Science Grade 5

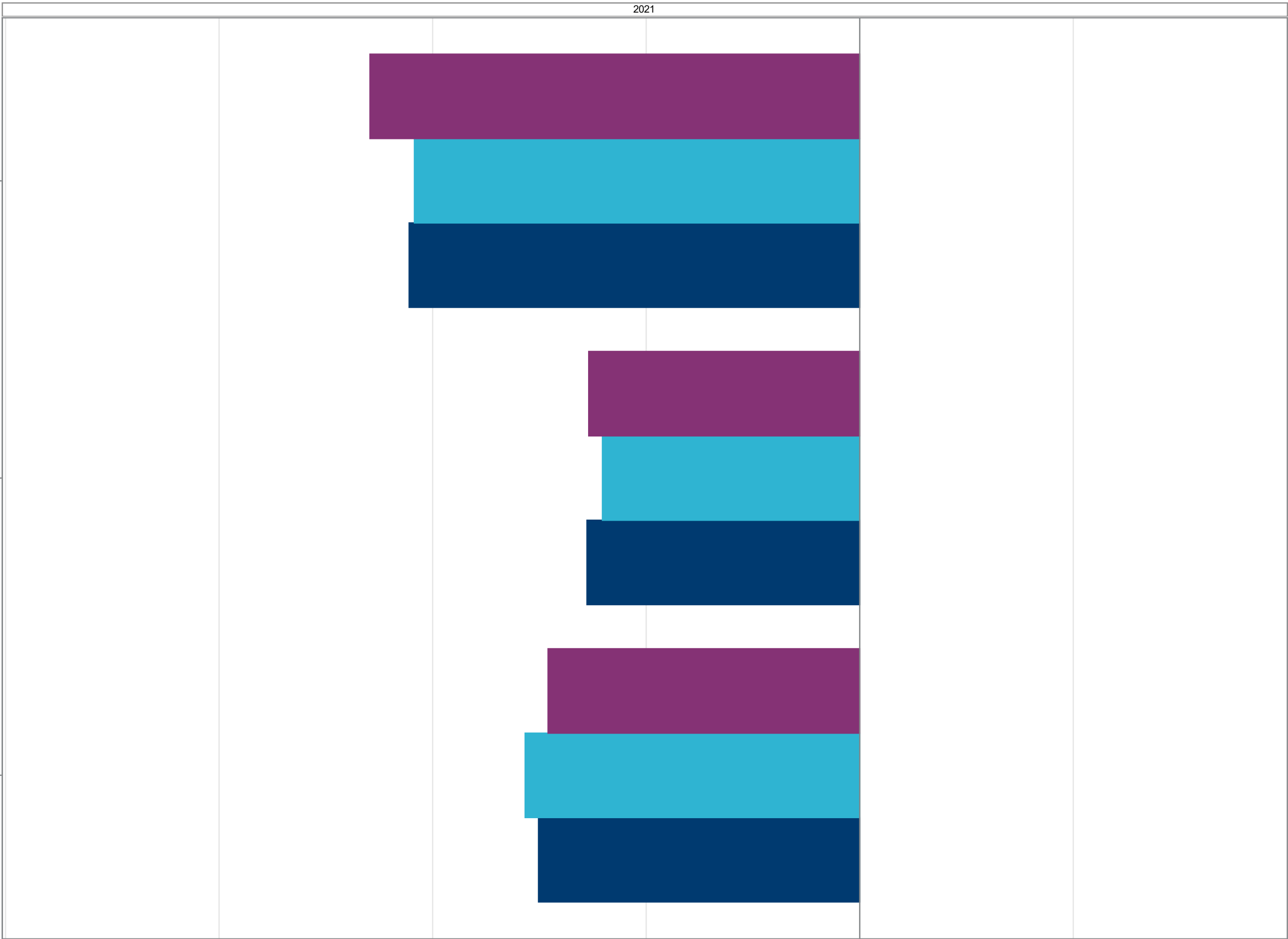
Science Grade 8

Biology

- 1-3 years
- 4-7 years
- 8+ years

-0.8 -0.6 -0.4 -0.2 0.0 0.2 0.4

Effect Size



# Effect Size by Subject Grade - Principal Longevity at a School

2021

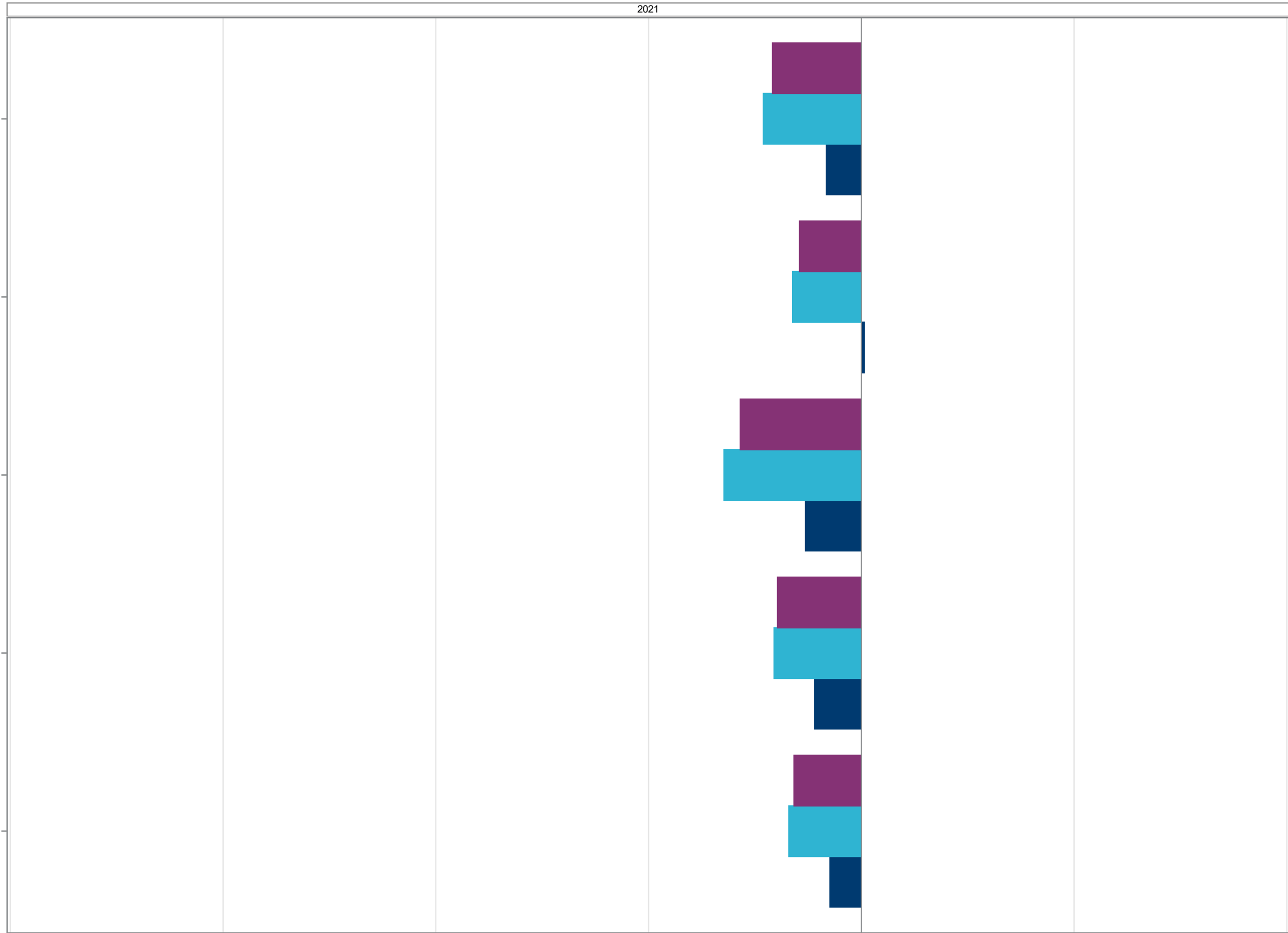
Subjects and Grades

ACT Composite  
ACT English  
ACT Math  
ACT Reading  
ACT Science

1-3 years  
4-7 years  
8+ years

-0.8 -0.6 -0.4 -0.2 0.0 0.2 0.4

Effect Size

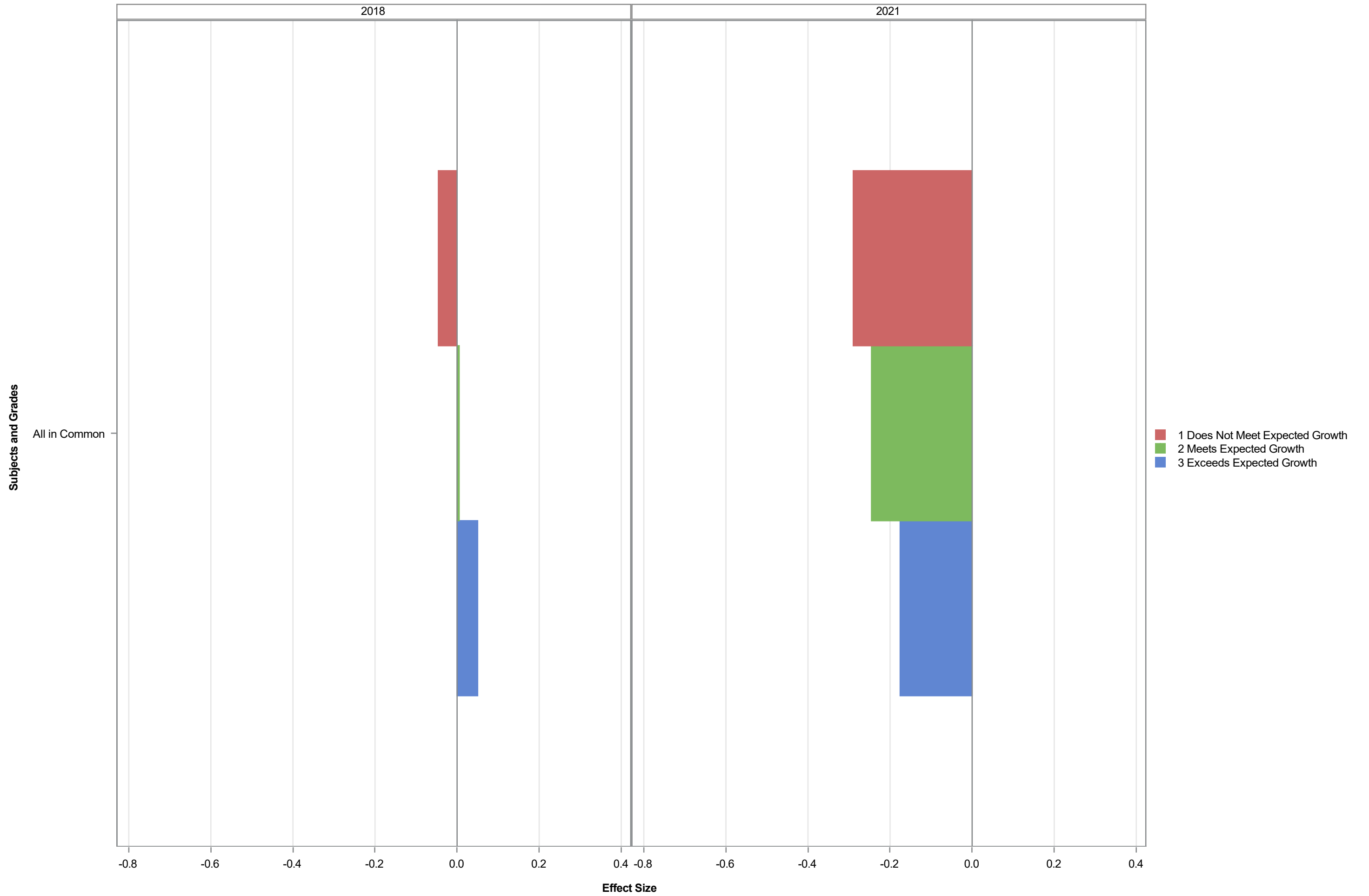


### Effect Size by Subject Grade - Principal Longevity at a School - 2021

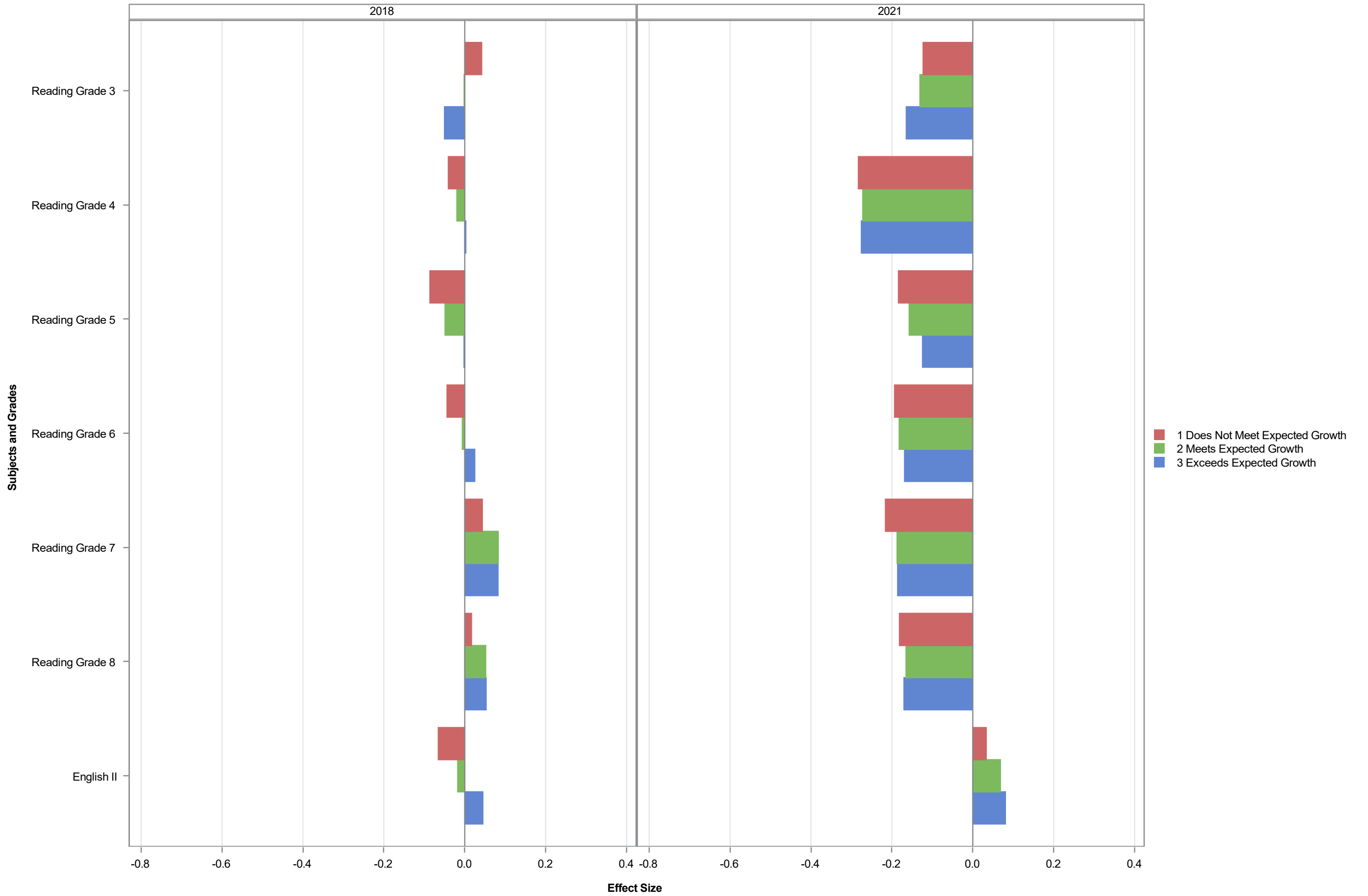
Assessment	Principal Longevity at a School								
	1-3 years			4-7 years			8+ years		
	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.24	0.0006	808844	-0.23	0.0007	728513	-0.21	0.0011	299567
Reading Grade 3	-0.15	0.0036	36618	-0.14	0.0035	37313	-0.13	0.0058	14700
Reading Grade 4	-0.29	0.0035	37569	-0.27	0.0034	38172	-0.25	0.0055	15176
Reading Grade 5	-0.17	0.0026	40062	-0.15	0.0026	40165	-0.14	0.0041	16131
Reading Grade 6	-0.18	0.0024	44763	-0.17	0.0025	38857	-0.20	0.0042	13823
Reading Grade 7	-0.19	0.0022	47331	-0.20	0.0024	40305	-0.21	0.0040	14727
Reading Grade 8	-0.17	0.0022	45932	-0.17	0.0024	39268	-0.19	0.0039	14561
English II	0.06	0.0022	44293	0.06	0.0023	38870	0.08	0.0034	18261
Science Grade 5	-0.46	0.0033	39983	-0.42	0.0033	40101	-0.42	0.0051	16109
Science Grade 8	-0.25	0.0025	46181	-0.24	0.0026	39545	-0.26	0.0044	14552
Biology	-0.29	0.0025	41843	-0.31	0.0026	37168	-0.30	0.0038	17649
Math Grade 5	-0.48	0.0031	39989	-0.43	0.0031	40160	-0.40	0.0050	16116
Math Grade 6	-0.47	0.0026	44739	-0.41	0.0028	38837	-0.45	0.0047	13781
Math Grade 7	-0.40	0.0025	47301	-0.36	0.0026	40202	-0.36	0.0044	14721
Math Grade 8	-0.52	0.0034	33514	-0.50	0.0039	26200	-0.56	0.0064	9265
NC Math 1	-0.39	0.0026	45887	-0.36	0.0027	41597	-0.34	0.0041	17674
NC Math 3	-0.10	0.0029	39808	-0.13	0.0031	34788	-0.08	0.0046	16664
ACT Composite	-0.08	0.0026	34527	-0.09	0.0028	30307	-0.03	0.0042	14452
ACT English	-0.06	0.0031	34601	-0.06	0.0033	30381	0.00	0.0049	14468
ACT Math	-0.11	0.0029	34580	-0.13	0.0031	30362	-0.05	0.0048	14468
ACT Reading	-0.08	0.0032	34568	-0.08	0.0035	30353	-0.04	0.0050	14465
ACT Science	-0.06	0.0032	34563	-0.07	0.0034	30350	-0.03	0.0050	14468



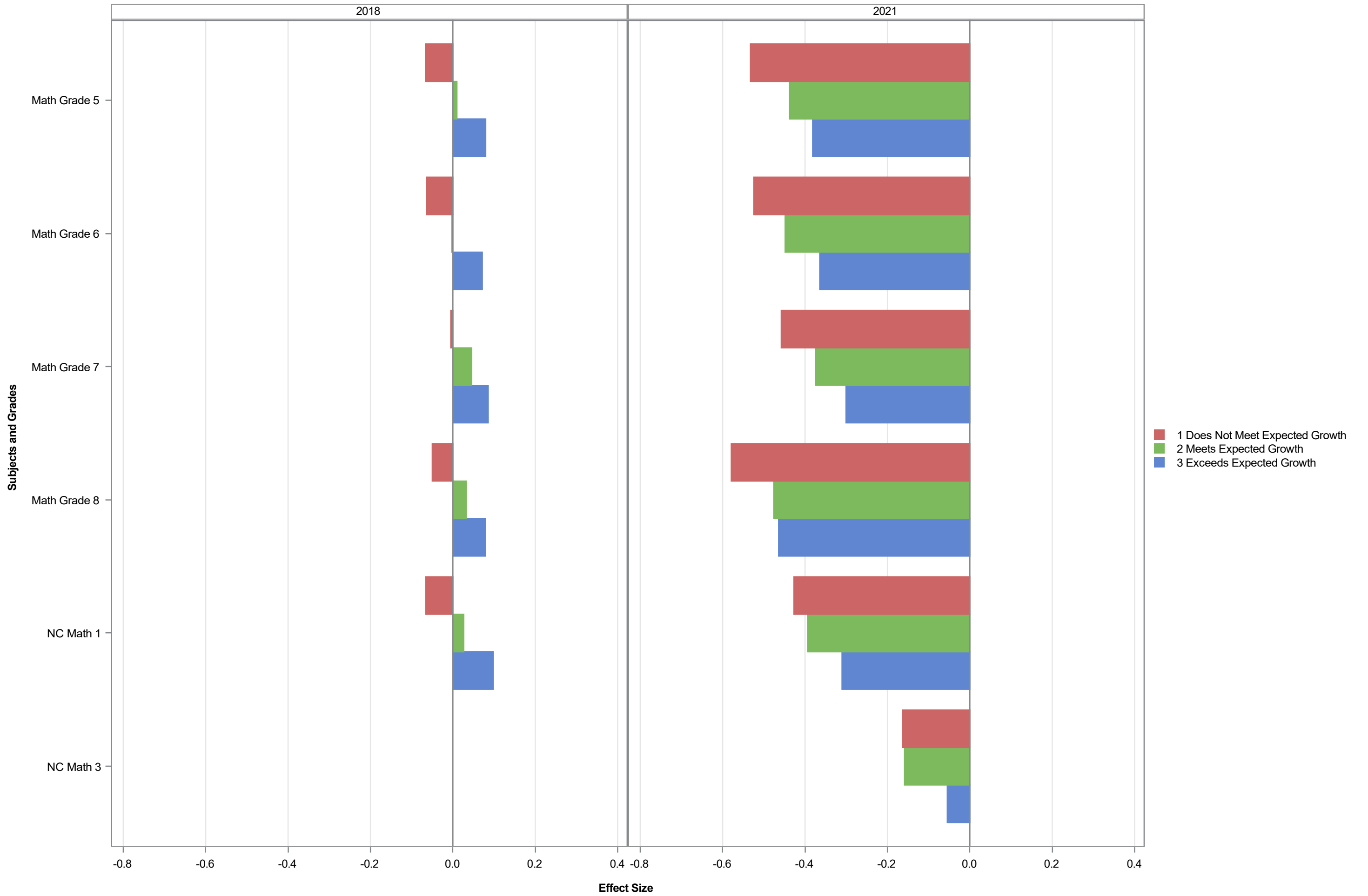
# Effect Size by Subject Grade - Principal Previous Effectiveness Level



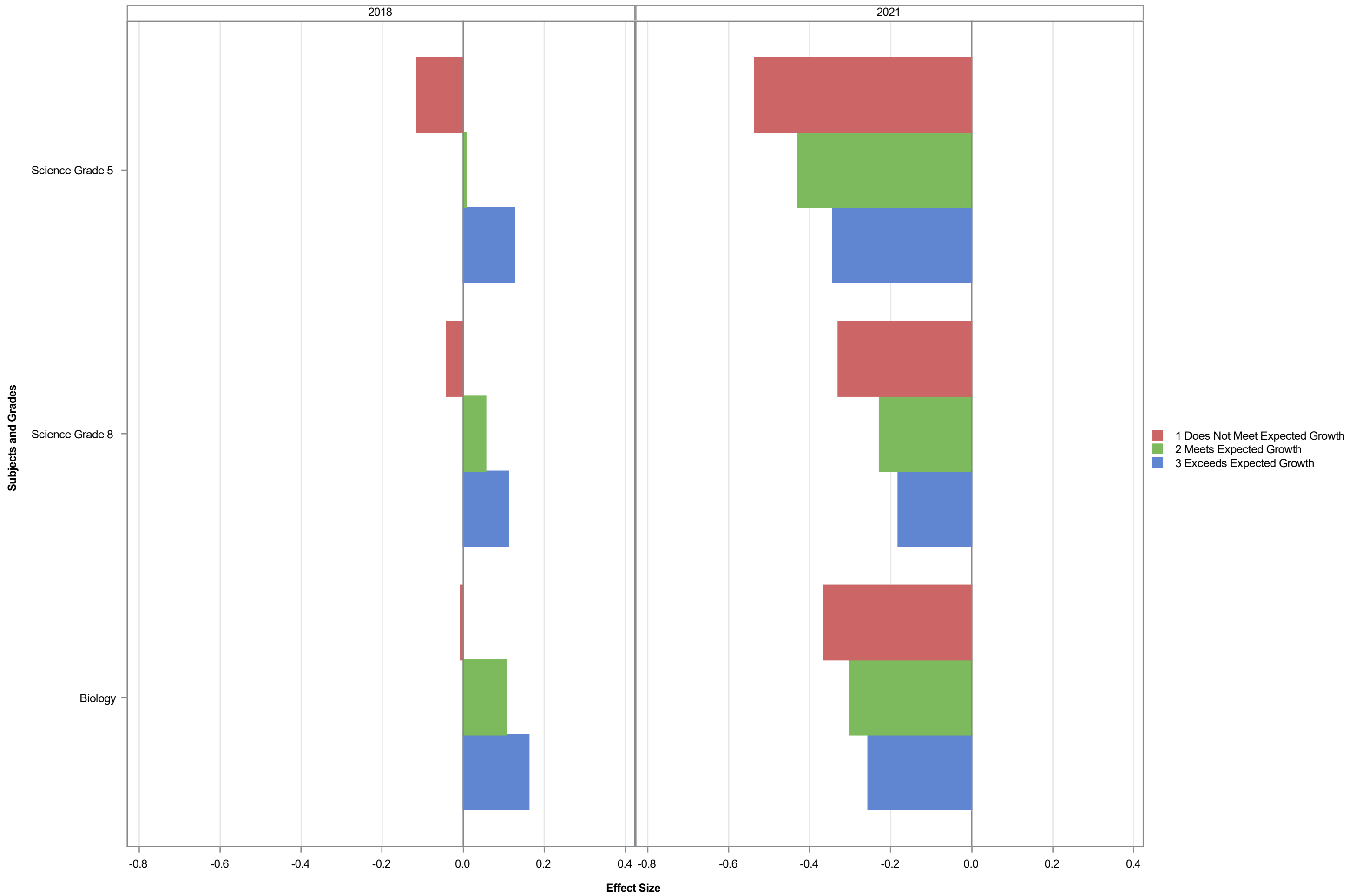
# Effect Size by Subject Grade - Principal Previous Effectiveness Level



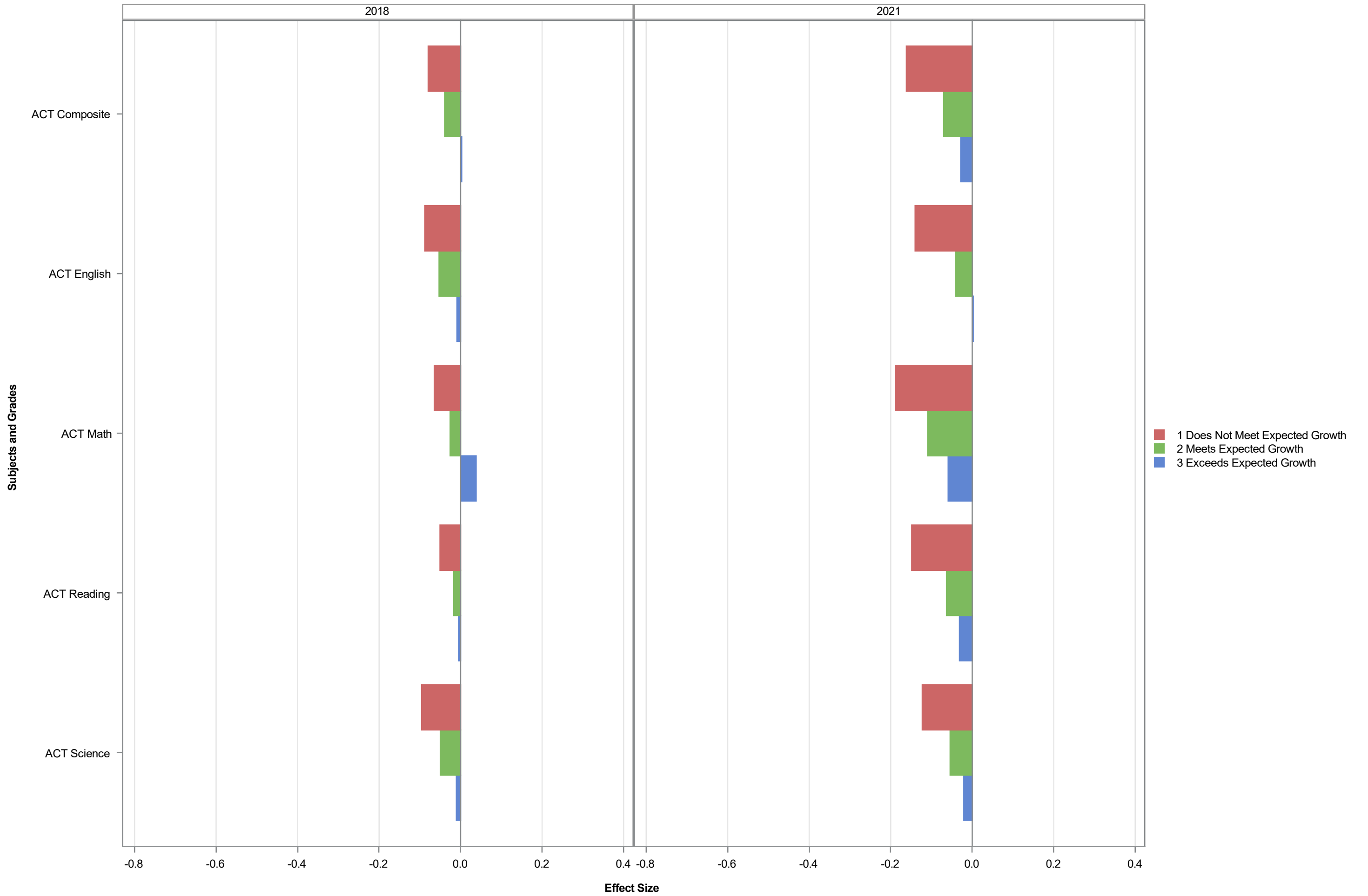
### Effect Size by Subject Grade - Principal Previous Effectiveness Level



# Effect Size by Subject Grade - Principal Previous Effectiveness Level



# Effect Size by Subject Grade - Principal Previous Effectiveness Level



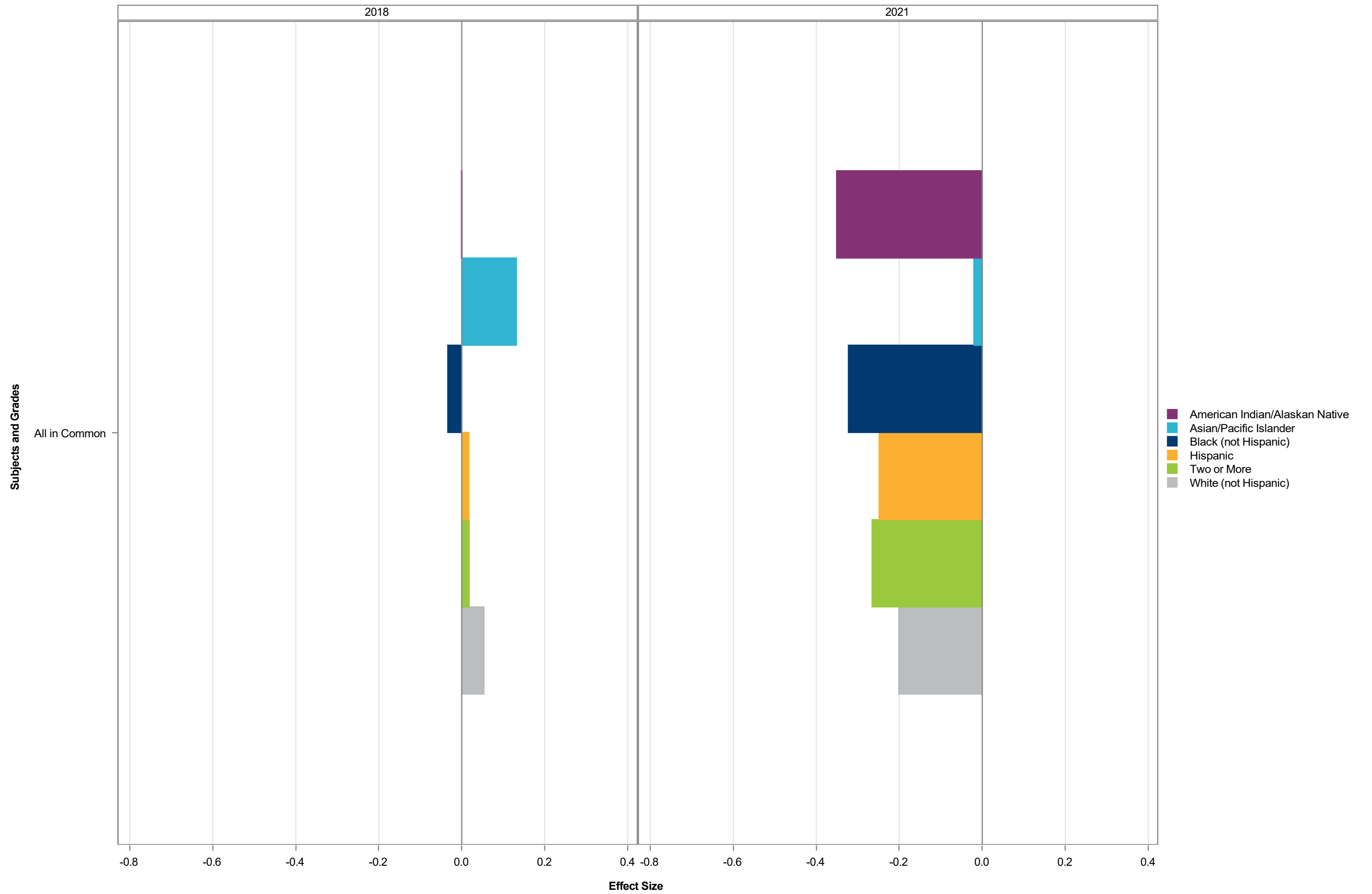
**Effect Size by Subject Grade - Principal Previous Effectiveness Level - 2021**

Assessment	Principal Previous Effectiveness Level								
	1 Does Not Meet Expected Growth			2 Meets Expected Growth			3 Exceeds Expected Growth		
	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.29	0.0007	608761	-0.25	0.0009	463710	-0.18	0.0007	745227
Reading Grade 3	-0.12	0.0044	23585	-0.13	0.0037	34240	-0.16	0.0040	29215
Reading Grade 4	-0.28	0.0043	24936	-0.27	0.0037	34791	-0.28	0.0039	29593
Reading Grade 5	-0.18	0.0032	27073	-0.16	0.0027	37630	-0.12	0.0030	30568
Reading Grade 6	-0.19	0.0026	36097	-0.18	0.0033	23144	-0.17	0.0025	37279
Reading Grade 7	-0.22	0.0025	38434	-0.19	0.0032	23611	-0.19	0.0024	39496
Reading Grade 8	-0.18	0.0025	37477	-0.17	0.0031	22869	-0.17	0.0024	38715
English II	0.03	0.0025	33915	0.07	0.0034	17792	0.08	0.0021	48407
Science Grade 5	-0.54	0.0039	27032	-0.43	0.0033	37595	-0.34	0.0038	30500
Science Grade 8	-0.33	0.0027	37748	-0.23	0.0034	22995	-0.18	0.0027	38813
Biology	-0.36	0.0028	32186	-0.30	0.0038	16953	-0.26	0.0024	46434
Math Grade 5	-0.53	0.0037	27033	-0.44	0.0032	37632	-0.38	0.0036	30523
Math Grade 6	-0.52	0.0029	36074	-0.45	0.0036	23158	-0.36	0.0029	37201
Math Grade 7	-0.46	0.0027	38418	-0.37	0.0034	23611	-0.30	0.0027	39389
Math Grade 8	-0.58	0.0037	28000	-0.48	0.0049	15789	-0.46	0.0041	24763
NC Math 1	-0.43	0.0028	37193	-0.39	0.0037	20703	-0.31	0.0026	45990
NC Math 3	-0.16	0.0033	29491	-0.16	0.0045	16092	-0.05	0.0028	44595
ACT Composite	-0.16	0.0030	24671	-0.07	0.0041	14226	-0.03	0.0025	39625
ACT English	-0.14	0.0034	24746	-0.04	0.0048	14249	0.00	0.0030	39694
ACT Math	-0.19	0.0033	24720	-0.11	0.0045	14246	-0.06	0.0029	39681
ACT Reading	-0.15	0.0038	24713	-0.06	0.0049	14238	-0.03	0.0030	39672
ACT Science	-0.12	0.0038	24710	-0.05	0.0049	14238	-0.02	0.0030	39669

### Effect Size by Subject Grade - Principal Previous Effectiveness Level - 2018

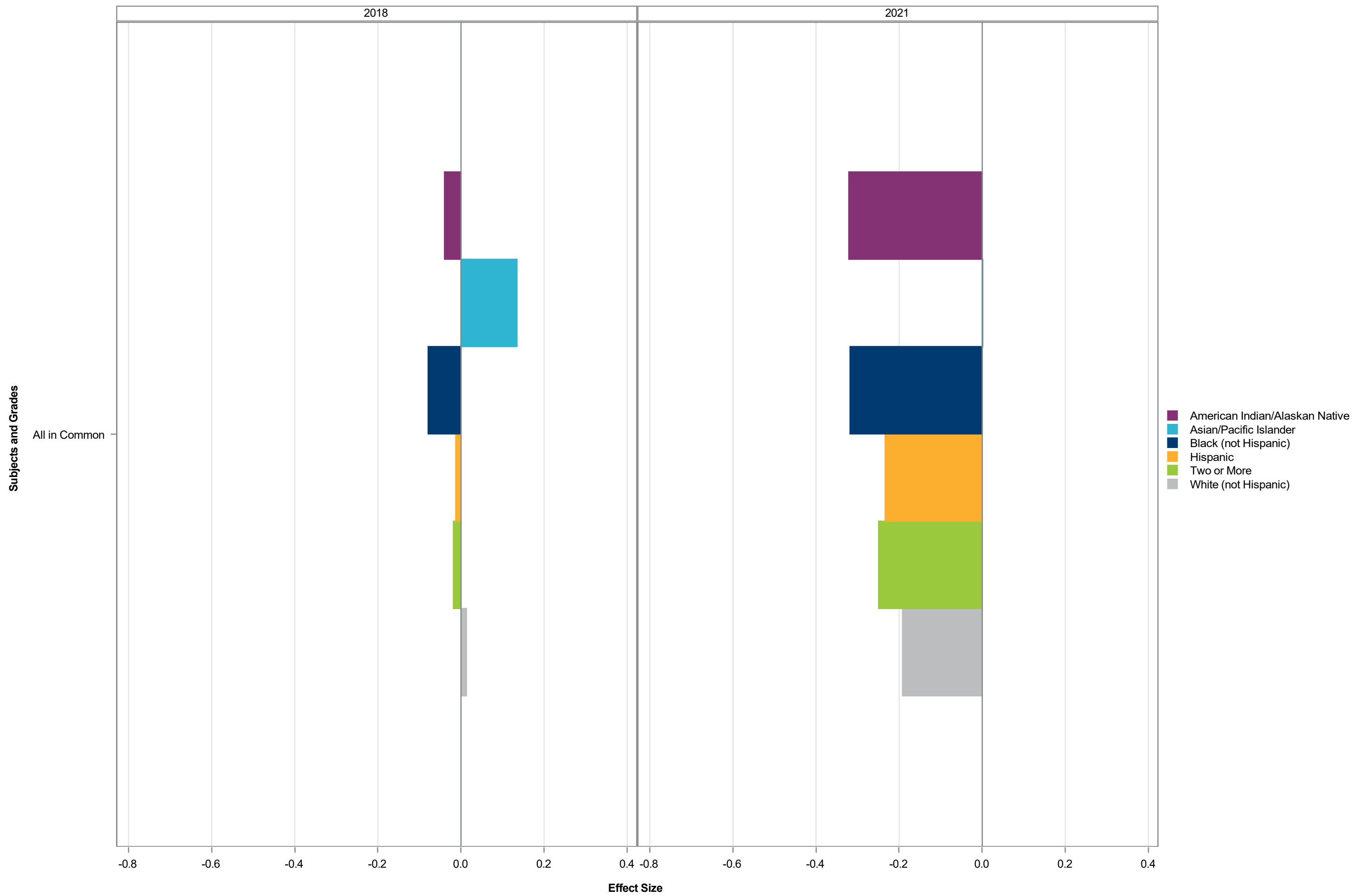
Assessment	Principal Previous Effectiveness Level								
	1 Does Not Meet Expected Growth			2 Meets Expected Growth			3 Exceeds Expected Growth		
	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.05	0.0006	675133	0.01	0.0007	547929	0.05	0.0006	830849
Reading Grade 3	0.04	0.0037	30225	-0.00	0.0030	45059	-0.05	0.0035	31401
Reading Grade 4	-0.04	0.0028	32990	-0.02	0.0023	47184	0.00	0.0028	32585
Reading Grade 5	-0.09	0.0027	32205	-0.05	0.0023	46714	-0.00	0.0027	30929
Reading Grade 6	-0.04	0.0024	38588	-0.01	0.0029	26772	0.02	0.0022	44798
Reading Grade 7	0.04	0.0025	36416	0.08	0.0030	25177	0.08	0.0023	43087
Reading Grade 8	0.02	0.0026	33993	0.05	0.0031	23981	0.05	0.0024	40835
English II	-0.07	0.0025	37221	-0.02	0.0034	19162	0.04	0.0020	51320
Science Grade 5	-0.11	0.0033	31881	0.01	0.0027	46255	0.13	0.0033	30669
Science Grade 8	-0.04	0.0028	34108	0.06	0.0033	24063	0.11	0.0025	40938
Biology	-0.01	0.0027	36393	0.11	0.0038	18830	0.16	0.0023	51009
Math Grade 5	-0.07	0.0029	32151	0.01	0.0023	46651	0.08	0.0028	30898
Math Grade 6	-0.06	0.0025	38549	-0.00	0.0030	26746	0.07	0.0023	44771
Math Grade 7	-0.01	0.0025	36342	0.05	0.0030	25140	0.09	0.0022	43049
Math Grade 8	-0.05	0.0034	25487	0.03	0.0042	16811	0.08	0.0033	27072
NC Math 1	-0.07	0.0026	38685	0.03	0.0033	23182	0.10	0.0022	51400
ACT Composite	-0.08	0.0025	31875	-0.04	0.0034	17207	0.00	0.0022	47133
ACT English	-0.09	0.0029	32042	-0.05	0.0040	17263	-0.01	0.0025	47261
ACT Math	-0.06	0.0028	32018	-0.03	0.0039	17261	0.04	0.0025	47255
ACT Reading	-0.05	0.0030	31998	-0.02	0.0041	17241	-0.01	0.0026	47236
ACT Science	-0.10	0.0032	31966	-0.05	0.0043	17230	-0.01	0.0027	47203

# Effect Size by Subject Grade - Race/Ethnicity Split by Sex - F

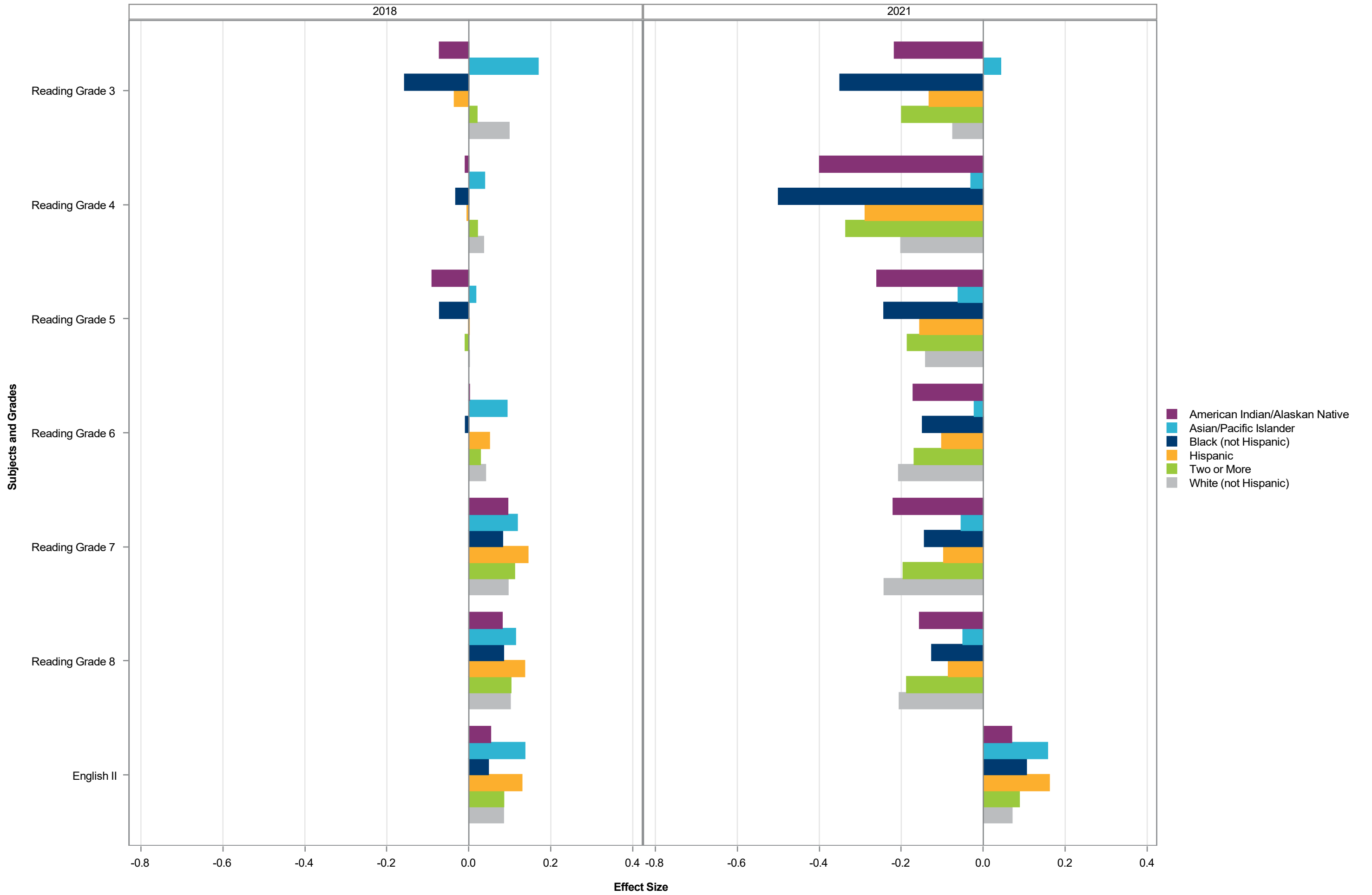




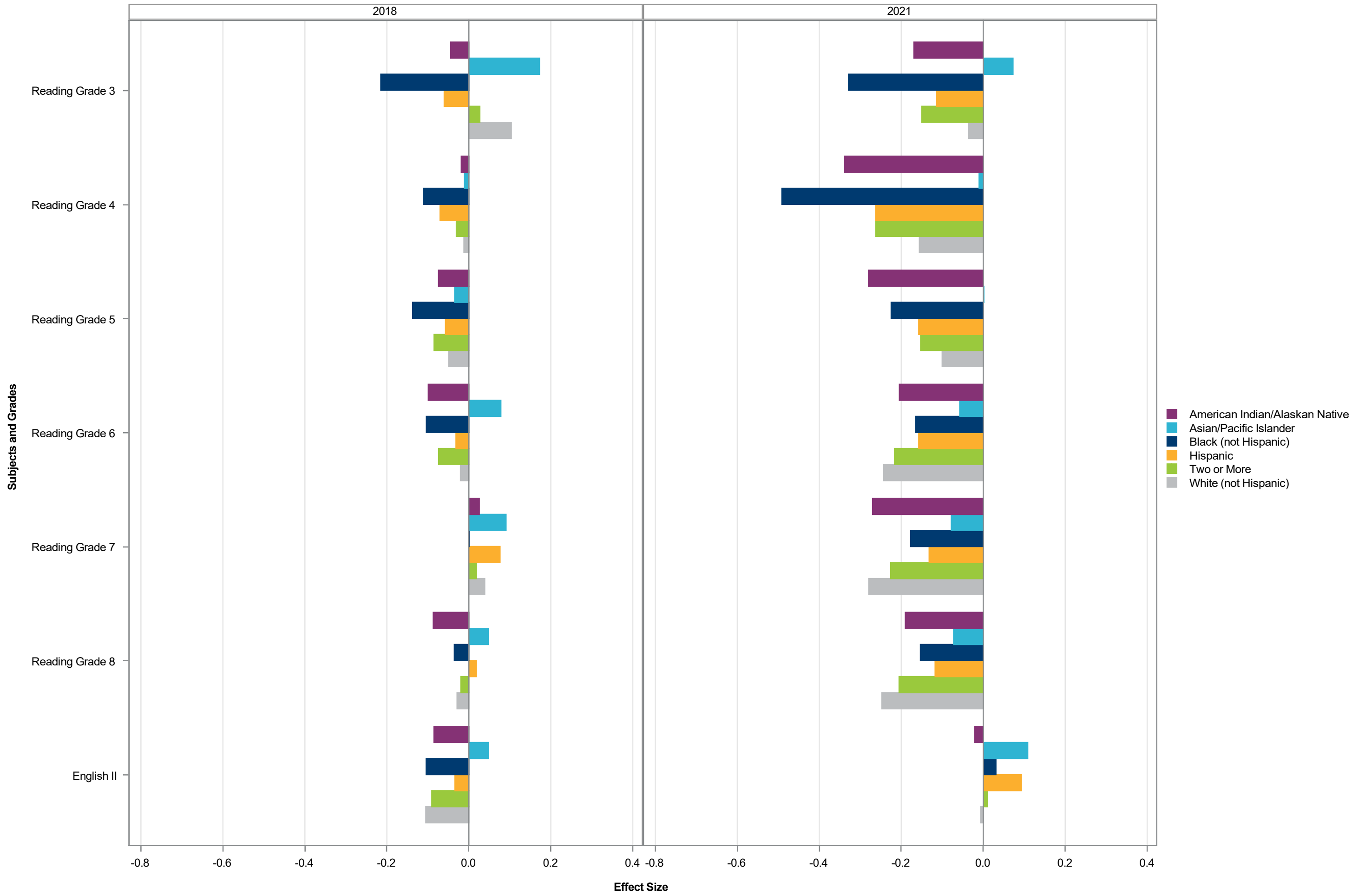
# Effect Size by Subject Grade - Race/Ethnicity Split by Sex - M



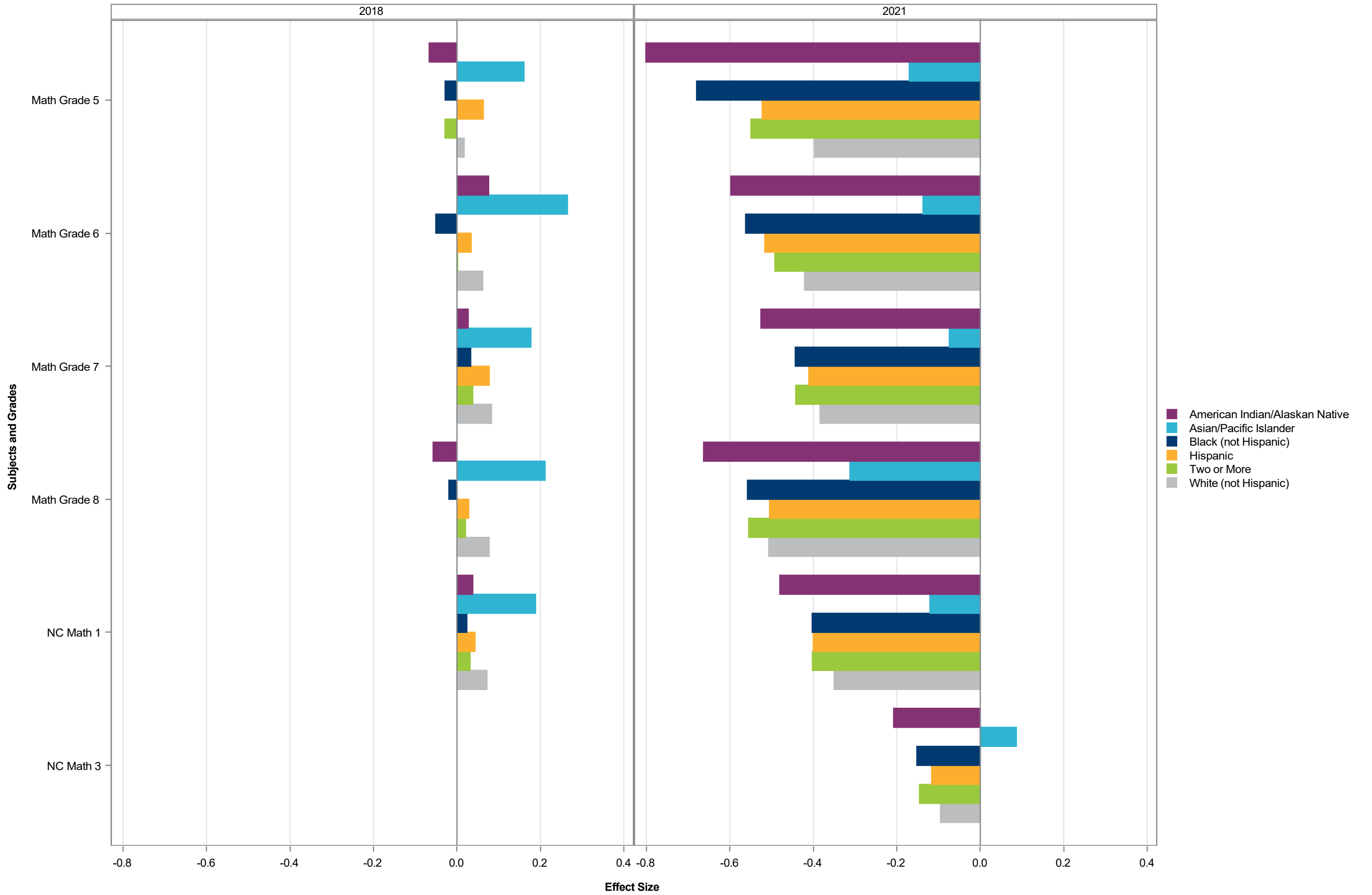
Effect Size by Subject Grade - Race/Ethnicity Split by Sex - F



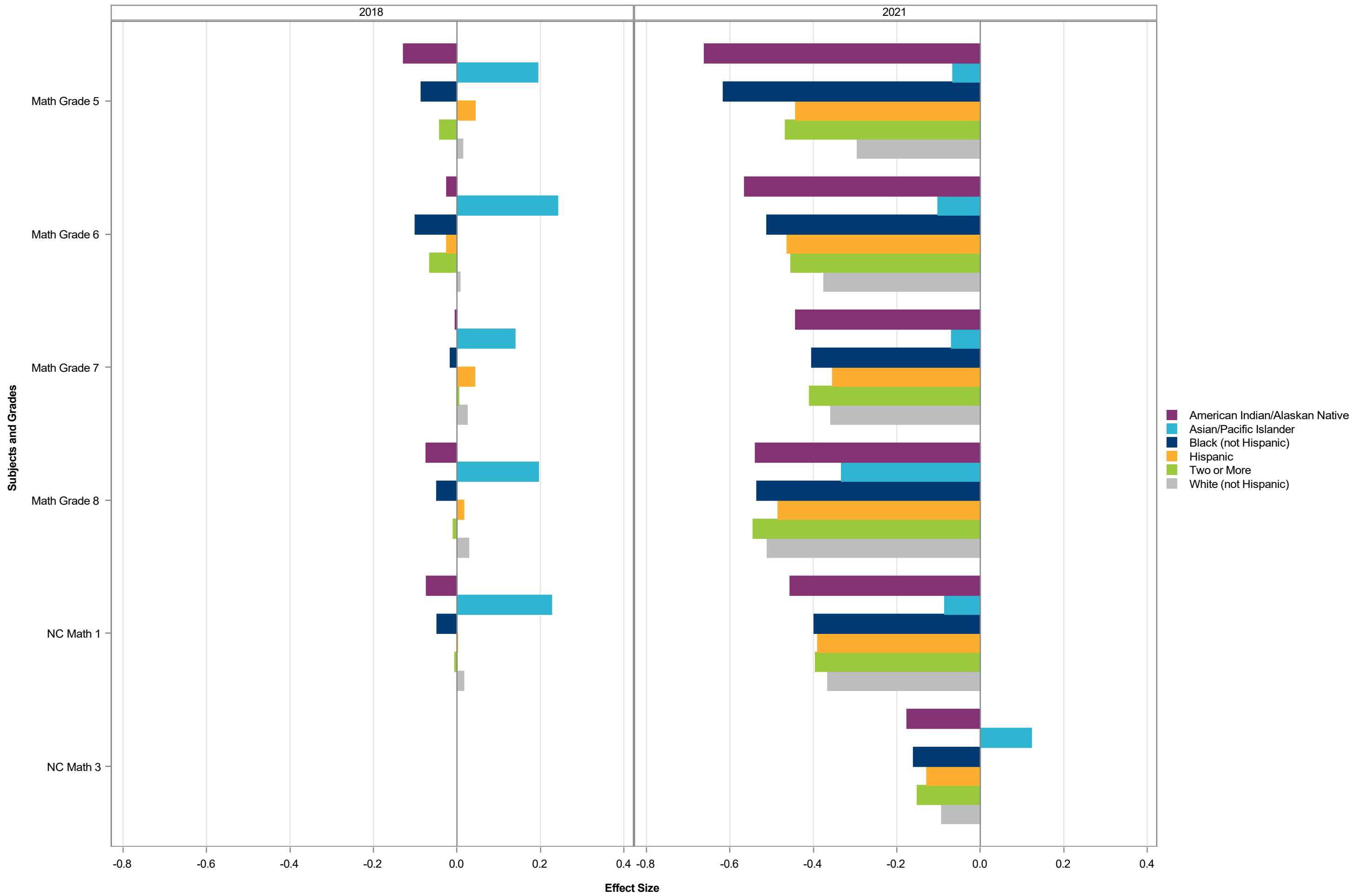
Effect Size by Subject Grade - Race/Ethnicity Split by Sex - M



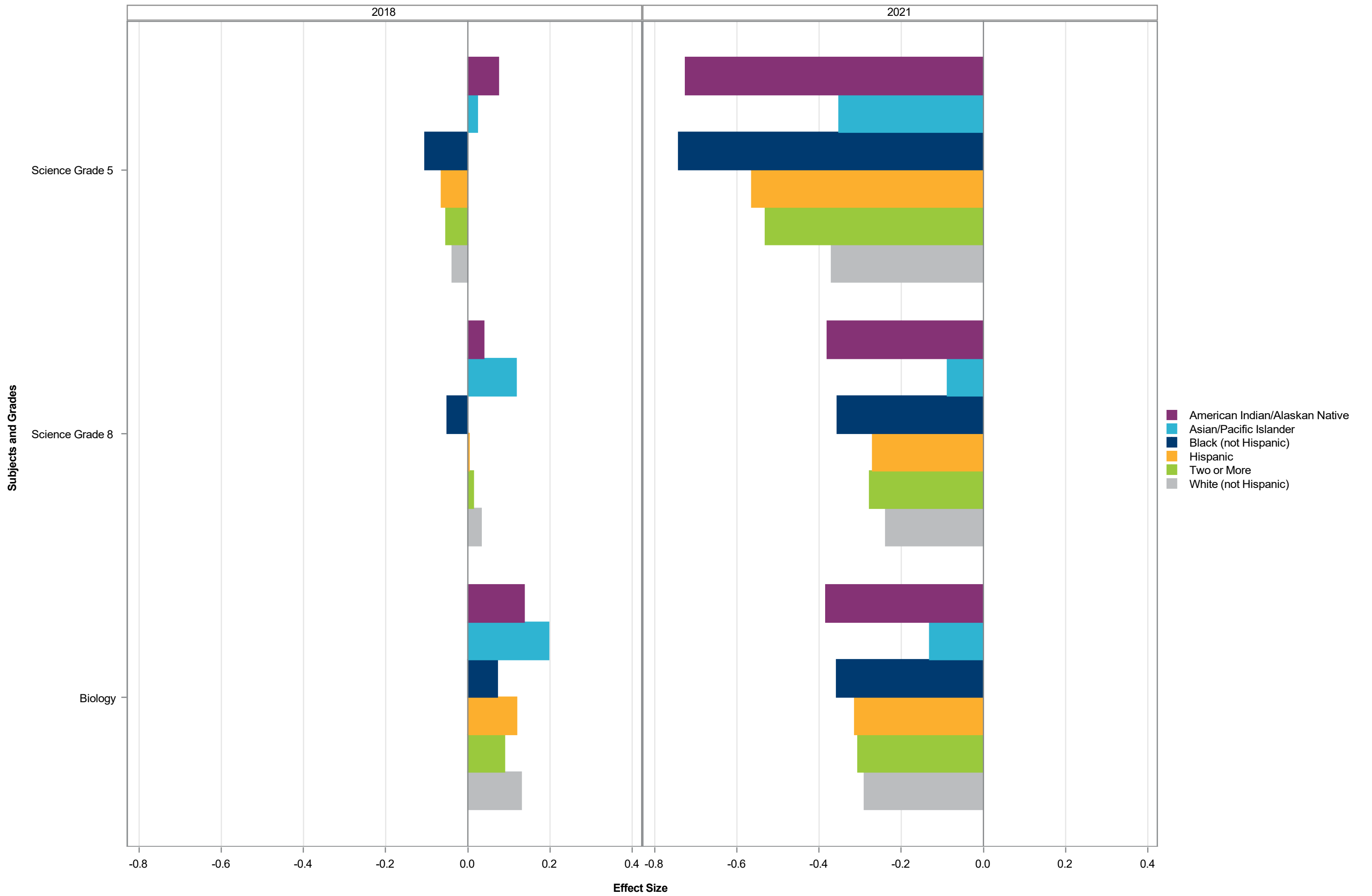
Effect Size by Subject Grade - Race/Ethnicity Split by Sex - F



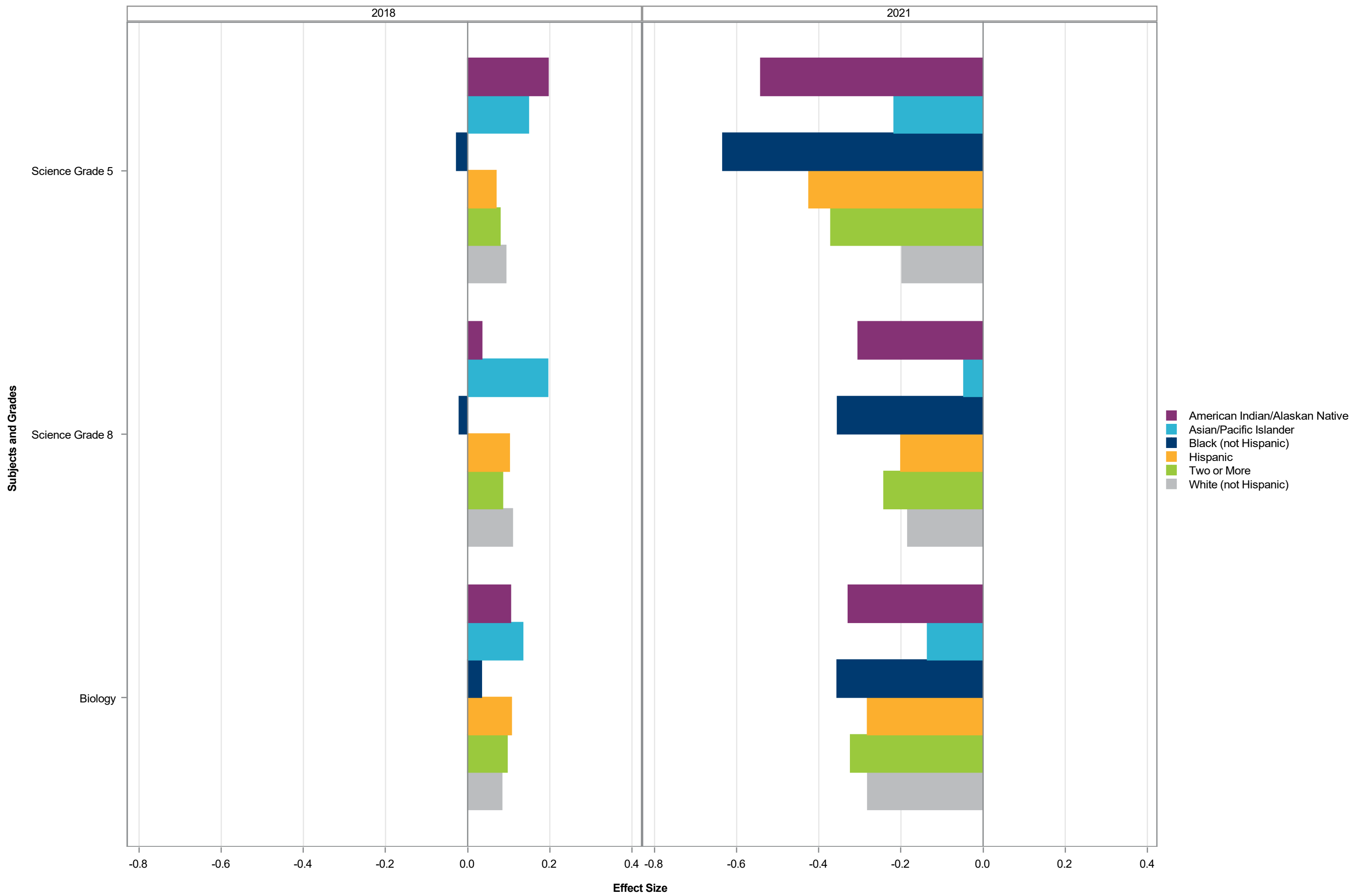
Effect Size by Subject Grade - Race/Ethnicity Split by Sex - M



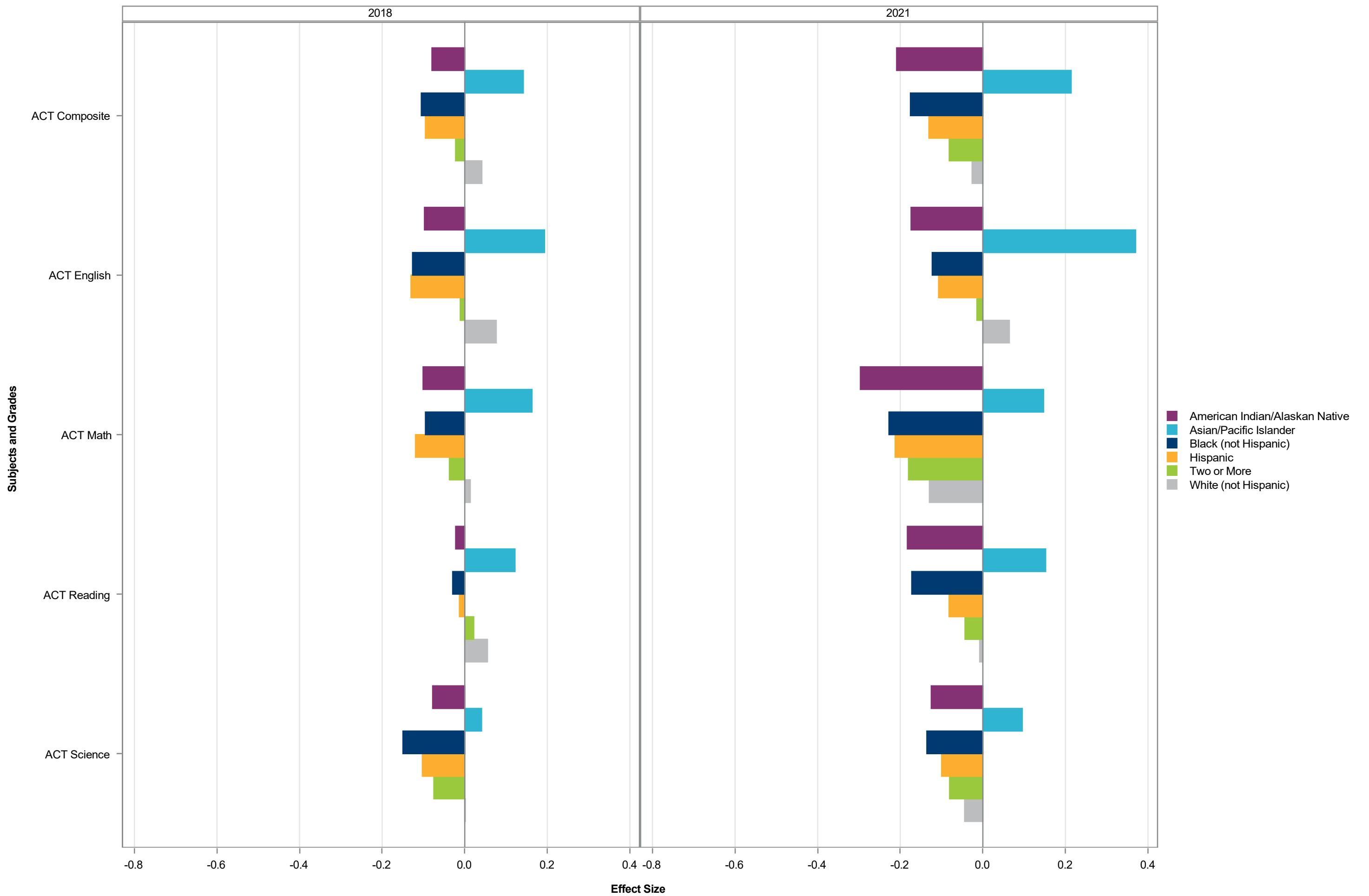
### Effect Size by Subject Grade - Race/Ethnicity Split by Sex - F



Effect Size by Subject Grade - Race/Ethnicity Split by Sex - M

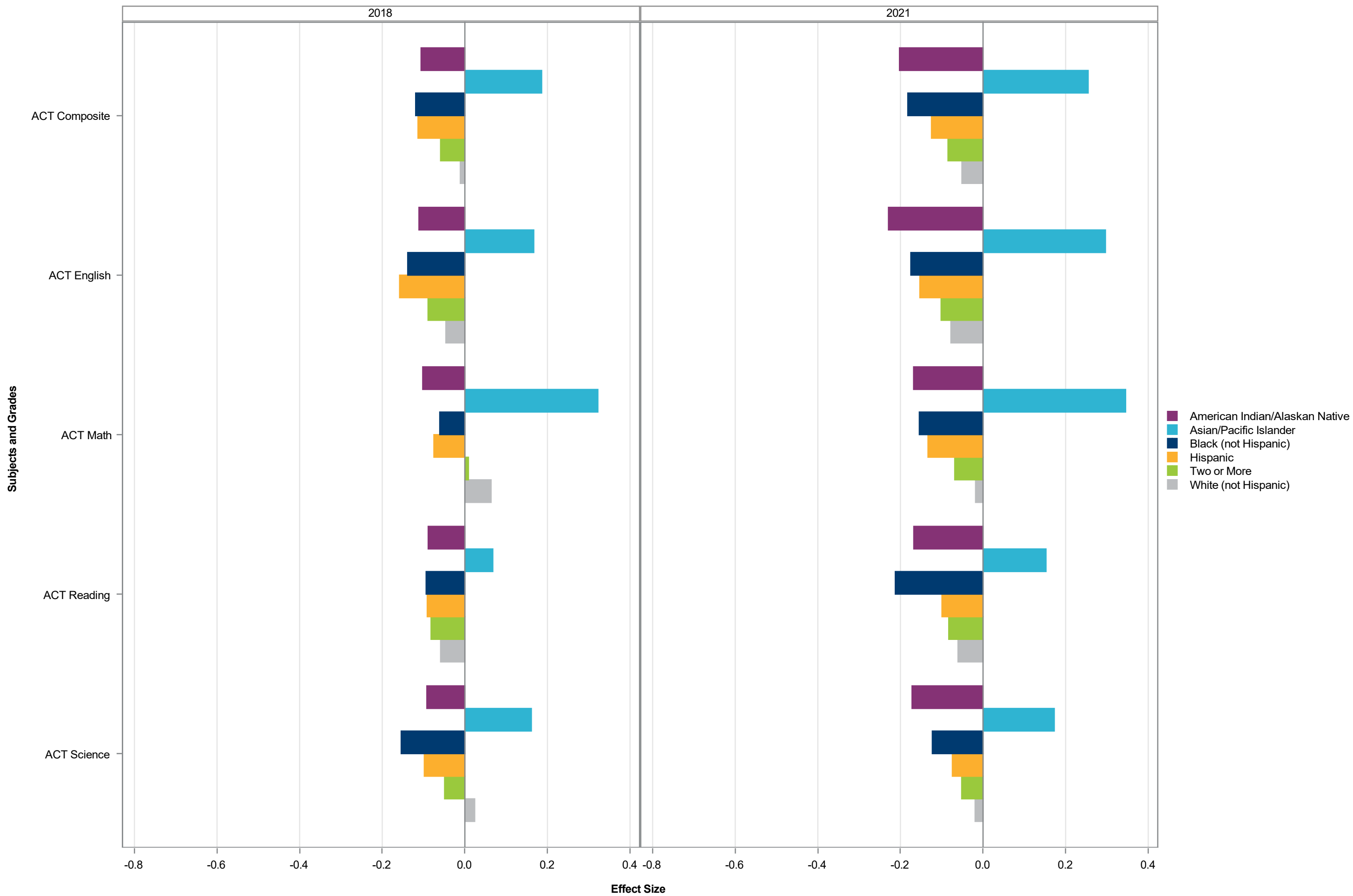


Effect Size by Subject Grade - Race/Ethnicity Split by Sex - F





Effect Size by Subject Grade - Race/Ethnicity Split by Sex - M



**Effect Size by Subject Grade - Race/Ethnicity Split by Sex - F - 2021**

	Race/Ethnicity Split by Sex																	
	American Indian/Alaskan Native			Asian/Pacific Islander			Black (not Hispanic)			Hispanic			Two or More			White (not Hispanic)		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.35	0.0055	10639	-0.02	0.0033	32153	-0.32	0.0012	224237	-0.25	0.0014	172900	-0.27	0.0028	44083	-0.20	0.0009	430171
Reading Grade 3	-0.22	0.0280	519	0.04	0.0160	1706	-0.35	0.0064	10922	-0.13	0.0071	8574	-0.20	0.0145	2435	-0.07	0.0048	19605
Reading Grade 4	-0.40	0.0272	519	-0.03	0.0162	1681	-0.50	0.0061	11186	-0.29	0.0070	8876	-0.34	0.0133	2404	-0.20	0.0046	20169
Reading Grade 5	-0.26	0.0216	557	-0.06	0.0118	1781	-0.24	0.0048	11952	-0.15	0.0054	9487	-0.19	0.0107	2436	-0.14	0.0035	21630
Reading Grade 6	-0.17	0.0198	608	-0.02	0.0113	1698	-0.15	0.0043	12342	-0.10	0.0050	9404	-0.17	0.0102	2330	-0.21	0.0033	21650
Reading Grade 7	-0.22	0.0196	571	-0.05	0.0107	1713	-0.14	0.0041	12756	-0.10	0.0046	9989	-0.20	0.0094	2472	-0.24	0.0031	23209
Reading Grade 8	-0.16	0.0192	606	-0.05	0.0104	1722	-0.13	0.0041	12149	-0.08	0.0047	9768	-0.19	0.0093	2409	-0.20	0.0030	22570
English II	0.07	0.0178	568	0.16	0.0098	1691	0.11	0.0039	12510	0.16	0.0044	9356	0.09	0.0097	2127	0.07	0.0028	23956
Science Grade 5	-0.73	0.0259	555	-0.35	0.0141	1783	-0.74	0.0055	11874	-0.56	0.0063	9474	-0.53	0.0127	2427	-0.37	0.0042	21630
Science Grade 8	-0.38	0.0206	608	-0.09	0.0123	1713	-0.36	0.0045	12148	-0.27	0.0050	9808	-0.28	0.0106	2423	-0.24	0.0034	22691
Biology	-0.38	0.0206	515	-0.13	0.0132	1728	-0.36	0.0045	11900	-0.31	0.0054	8758	-0.31	0.0109	2090	-0.29	0.0032	23206
Math Grade 5	-0.80	0.0236	555	-0.17	0.0145	1783	-0.68	0.0053	11907	-0.52	0.0062	9475	-0.55	0.0126	2436	-0.40	0.0042	21636
Math Grade 6	-0.60	0.0226	610	-0.14	0.0148	1694	-0.56	0.0049	12353	-0.52	0.0057	9402	-0.49	0.0114	2336	-0.42	0.0038	21599
Math Grade 7	-0.53	0.0217	570	-0.07	0.0139	1712	-0.44	0.0045	12742	-0.41	0.0053	9975	-0.44	0.0108	2463	-0.38	0.0035	23160
Math Grade 8	-0.66	0.0280	501	-0.31	0.0300	578	-0.56	0.0061	9601	-0.51	0.0072	7571	-0.56	0.0153	1696	-0.51	0.0055	13719
NC Math 1	-0.48	0.0216	577	-0.12	0.0148	1772	-0.40	0.0046	12926	-0.40	0.0055	9818	-0.40	0.0112	2400	-0.35	0.0036	23692
NC Math 3	-0.21	0.0246	496	0.09	0.0136	1765	-0.15	0.0053	11098	-0.12	0.0064	8090	-0.15	0.0132	1992	-0.10	0.0039	22746
ACT Composite	-0.21	0.0199	439	0.21	0.0148	1479	-0.18	0.0047	8983	-0.13	0.0053	6625	-0.08	0.0110	1839	-0.03	0.0032	21199
ACT English	-0.17	0.0243	441	0.37	0.0179	1480	-0.12	0.0054	8999	-0.11	0.0062	6638	-0.01	0.0133	1841	0.06	0.0040	21218
ACT Math	-0.30	0.0232	441	0.15	0.0183	1480	-0.23	0.0053	8998	-0.21	0.0059	6635	-0.18	0.0119	1840	-0.13	0.0036	21212
ACT Reading	-0.18	0.0241	440	0.15	0.0159	1479	-0.17	0.0058	8995	-0.08	0.0067	6633	-0.04	0.0137	1840	-0.01	0.0040	21210
ACT Science	-0.12	0.0235	439	0.10	0.0158	1480	-0.14	0.0061	8994	-0.10	0.0069	6634	-0.08	0.0134	1839	-0.04	0.0038	21210

**Effect Size by Subject Grade - Race/Ethnicity Split by Sex - M - 2021**

	Race/Ethnicity Split by Sex																	
	American Indian/Alaskan Native			Asian/Pacific Islander			Black (not Hispanic)			Hispanic			Two or More			White (not Hispanic)		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.32	0.0058	10651	0.00	0.0034	32329	-0.32	0.0012	223371	-0.23	0.0014	174693	-0.25	0.0028	44257	-0.19	0.0009	452062
Reading Grade 3	-0.17	0.0286	523	0.07	0.0161	1723	-0.33	0.0067	11076	-0.11	0.0071	8904	-0.15	0.0141	2394	-0.04	0.0047	20858
Reading Grade 4	-0.34	0.0265	560	-0.01	0.0157	1788	-0.49	0.0062	11460	-0.26	0.0070	8996	-0.26	0.0137	2497	-0.16	0.0045	21455
Reading Grade 5	-0.28	0.0225	536	0.00	0.0114	1879	-0.22	0.0048	12083	-0.16	0.0053	9809	-0.15	0.0110	2457	-0.10	0.0035	22842
Reading Grade 6	-0.20	0.0220	615	-0.06	0.0109	1828	-0.16	0.0045	12568	-0.16	0.0049	10068	-0.22	0.0107	2412	-0.24	0.0033	23128
Reading Grade 7	-0.27	0.0215	587	-0.08	0.0108	1844	-0.18	0.0043	13099	-0.13	0.0048	10420	-0.23	0.0098	2563	-0.28	0.0032	24283
Reading Grade 8	-0.19	0.0196	627	-0.07	0.0106	1735	-0.15	0.0044	12419	-0.12	0.0047	10011	-0.21	0.0101	2332	-0.25	0.0031	24389
English II	-0.02	0.0210	540	0.11	0.0107	1656	0.03	0.0043	12209	0.09	0.0048	9331	0.01	0.0105	2287	-0.01	0.0030	25533
Science Grade 5	-0.54	0.0318	536	-0.22	0.0143	1879	-0.63	0.0057	12047	-0.42	0.0065	9806	-0.37	0.0132	2461	-0.20	0.0043	22792
Science Grade 8	-0.30	0.0235	633	-0.05	0.0126	1734	-0.35	0.0048	12471	-0.20	0.0054	10051	-0.24	0.0112	2371	-0.18	0.0035	24598
Biology	-0.33	0.0216	542	-0.14	0.0127	1750	-0.36	0.0046	11597	-0.28	0.0057	8541	-0.32	0.0110	2214	-0.28	0.0033	24199
Math Grade 5	-0.66	0.0270	536	-0.07	0.0143	1875	-0.62	0.0052	12080	-0.44	0.0060	9813	-0.47	0.0127	2453	-0.29	0.0041	22801
Math Grade 6	-0.56	0.0217	612	-0.10	0.0135	1818	-0.51	0.0048	12544	-0.46	0.0054	10052	-0.45	0.0109	2416	-0.37	0.0036	23115
Math Grade 7	-0.44	0.0224	583	-0.07	0.0134	1843	-0.40	0.0046	13094	-0.35	0.0052	10444	-0.41	0.0107	2561	-0.36	0.0034	24221
Math Grade 8	-0.54	0.0280	552	-0.33	0.0281	585	-0.54	0.0059	10308	-0.48	0.0070	7807	-0.54	0.0149	1752	-0.51	0.0052	15094
NC Math 1	-0.46	0.0201	596	-0.09	0.0146	1841	-0.40	0.0044	13583	-0.39	0.0053	10361	-0.39	0.0112	2471	-0.37	0.0034	25585
NC Math 3	-0.18	0.0251	509	0.12	0.0147	1710	-0.16	0.0054	10308	-0.13	0.0068	7571	-0.15	0.0132	1995	-0.09	0.0040	23304
ACT Composite	-0.20	0.0257	414	0.25	0.0174	1309	-0.18	0.0054	8113	-0.12	0.0061	6045	-0.08	0.0122	1719	-0.05	0.0036	21418
ACT English	-0.23	0.0273	414	0.30	0.0208	1311	-0.17	0.0060	8166	-0.15	0.0067	6063	-0.10	0.0134	1728	-0.08	0.0040	21450
ACT Math	-0.17	0.0266	415	0.35	0.0207	1310	-0.15	0.0057	8156	-0.13	0.0065	6063	-0.07	0.0134	1725	-0.02	0.0040	21433
ACT Reading	-0.17	0.0297	415	0.15	0.0178	1310	-0.21	0.0067	8148	-0.10	0.0075	6057	-0.08	0.0153	1724	-0.06	0.0044	21433
ACT Science	-0.17	0.0317	415	0.17	0.0186	1311	-0.12	0.0068	8150	-0.07	0.0076	6051	-0.05	0.0150	1720	-0.02	0.0043	21435

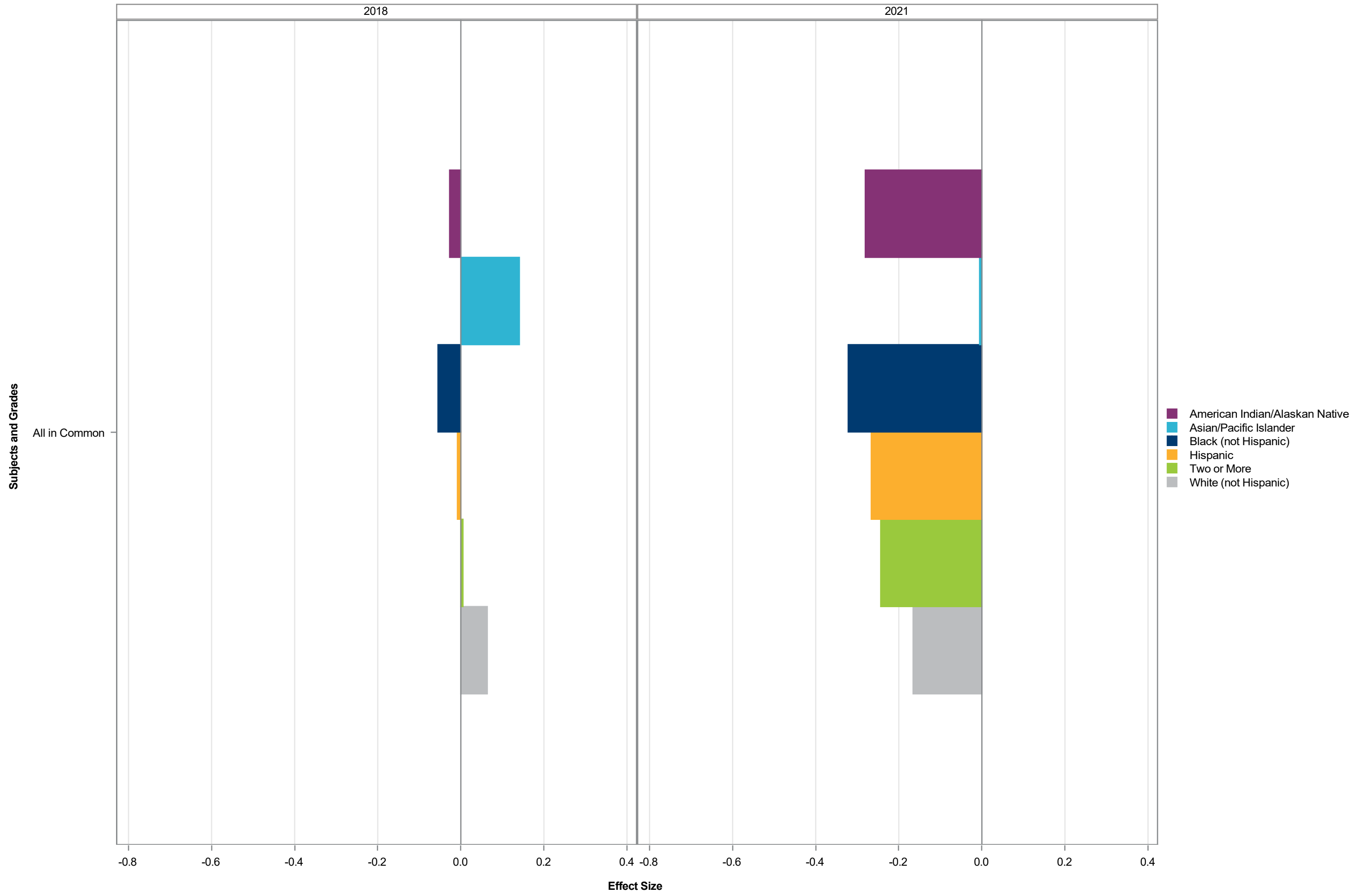
### Effect Size by Subject Grade - Race/Ethnicity Split by Sex - F - 2018

	Race/Ethnicity Split by Sex																	
	American Indian/Alaskan Native			Asian/Pacific Islander			Black (not Hispanic)			Hispanic			Two or More			White (not Hispanic)		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.00	0.0046	12555	0.13	0.0028	31669	-0.03	0.0010	260356	0.02	0.0012	171392	0.02	0.0024	43368	0.05	0.0007	498405
Reading Grade 3	-0.07	0.0237	693	0.17	0.0136	1788	-0.16	0.0051	13878	-0.04	0.0060	9786	0.02	0.0128	2267	0.10	0.0040	24047
Reading Grade 4	-0.01	0.0206	651	0.04	0.0110	1789	-0.03	0.0042	14304	-0.00	0.0048	10286	0.02	0.0102	2520	0.04	0.0031	26040
Reading Grade 5	-0.09	0.0189	677	0.02	0.0106	1777	-0.07	0.0041	13658	-0.00	0.0046	10225	-0.01	0.0095	2482	-0.00	0.0030	25224
Reading Grade 6	0.00	0.0188	620	0.09	0.0099	1852	-0.01	0.0039	13731	0.05	0.0044	9907	0.03	0.0095	2387	0.04	0.0028	26075
Reading Grade 7	0.09	0.0190	644	0.12	0.0112	1615	0.08	0.0040	13113	0.14	0.0046	9048	0.11	0.0099	2114	0.10	0.0029	25153
Reading Grade 8	0.08	0.0195	578	0.11	0.0109	1572	0.08	0.0042	12092	0.14	0.0050	7967	0.10	0.0100	2156	0.10	0.0030	24099
English II	0.05	0.0176	689	0.14	0.0099	1581	0.05	0.0038	13622	0.13	0.0048	8325	0.08	0.0092	2236	0.08	0.0026	26720
Science Grade 5	0.07	0.0240	671	0.02	0.0132	1760	-0.10	0.0050	13494	-0.06	0.0057	10152	-0.05	0.0115	2447	-0.04	0.0035	25001
Science Grade 8	0.04	0.0207	581	0.12	0.0116	1572	-0.05	0.0046	12134	0.00	0.0056	7968	0.01	0.0105	2167	0.03	0.0031	24177
Biology	0.14	0.0232	642	0.20	0.0111	1696	0.07	0.0045	13796	0.12	0.0058	8134	0.09	0.0107	2173	0.13	0.0030	26299
Math Grade 5	-0.07	0.0204	676	0.16	0.0110	1776	-0.03	0.0043	13630	0.06	0.0050	10209	-0.03	0.0101	2478	0.02	0.0031	25203
Math Grade 6	0.08	0.0205	620	0.26	0.0106	1851	-0.05	0.0043	13701	0.03	0.0050	9902	0.00	0.0102	2383	0.06	0.0030	26066
Math Grade 7	0.03	0.0186	641	0.18	0.0110	1615	0.03	0.0041	13089	0.08	0.0050	9028	0.04	0.0103	2115	0.08	0.0029	25141
Math Grade 8	-0.06	0.0247	452	0.21	0.0227	538	-0.02	0.0055	9797	0.03	0.0068	6294	0.02	0.0136	1506	0.08	0.0043	14588
NC Math 1	0.04	0.0194	765	0.19	0.0118	1746	0.02	0.0043	14338	0.04	0.0054	9096	0.03	0.0102	2435	0.07	0.0030	27091
ACT Composite	-0.08	0.0157	591	0.14	0.0132	1427	-0.11	0.0037	12356	-0.10	0.0047	7004	-0.02	0.0097	1898	0.04	0.0027	25486
ACT English	-0.10	0.0189	591	0.19	0.0172	1429	-0.13	0.0044	12408	-0.13	0.0058	7013	-0.01	0.0116	1901	0.08	0.0034	25505
ACT Math	-0.10	0.0180	591	0.16	0.0159	1428	-0.10	0.0043	12411	-0.12	0.0055	7019	-0.04	0.0114	1901	0.01	0.0031	25502
ACT Reading	-0.02	0.0197	591	0.12	0.0145	1428	-0.03	0.0044	12406	-0.01	0.0058	7016	0.02	0.0119	1902	0.06	0.0033	25495
ACT Science	-0.08	0.0204	591	0.04	0.0146	1429	-0.15	0.0049	12398	-0.10	0.0061	7013	-0.07	0.0125	1900	-0.00	0.0033	25493

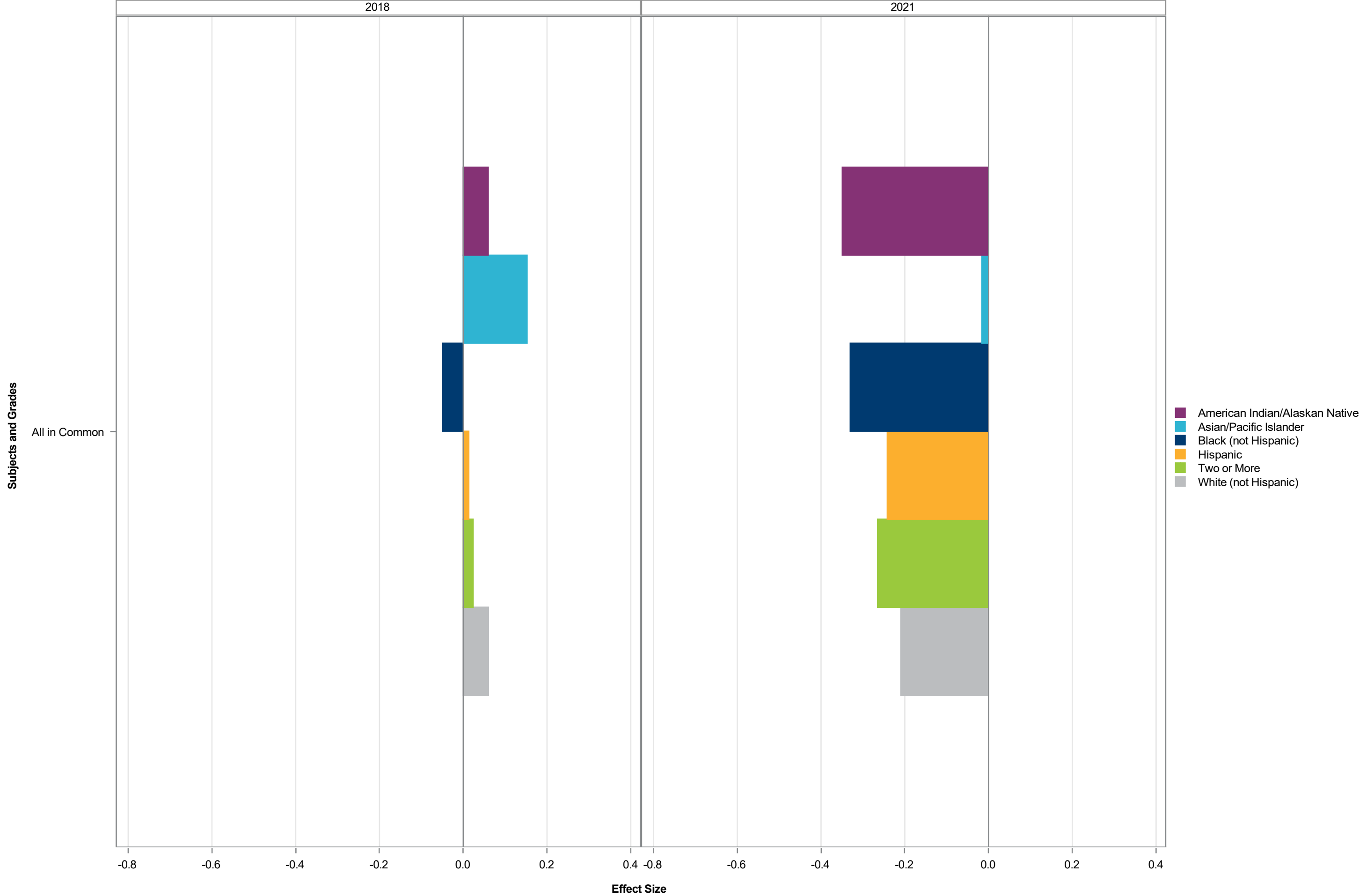
**Effect Size by Subject Grade - Race/Ethnicity Split by Sex - M - 2018**

	Race/Ethnicity Split by Sex																	
	American Indian/Alaskan Native			Asian/Pacific Islander			Black (not Hispanic)			Hispanic			Two or More			White (not Hispanic)		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.04	0.0048	12639	0.13	0.0029	31953	-0.08	0.0011	259966	-0.01	0.0013	174934	-0.02	0.0026	43401	0.01	0.0007	524978
Reading Grade 3	-0.04	0.0233	717	0.17	0.0137	1910	-0.21	0.0054	13987	-0.06	0.0061	10332	0.03	0.0133	2321	0.10	0.0040	25797
Reading Grade 4	-0.02	0.0202	680	-0.01	0.0110	1917	-0.11	0.0043	14659	-0.07	0.0049	10662	-0.03	0.0102	2628	-0.01	0.0031	27352
Reading Grade 5	-0.07	0.0194	699	-0.03	0.0109	1795	-0.14	0.0042	14069	-0.06	0.0048	10445	-0.08	0.0104	2374	-0.05	0.0030	27145
Reading Grade 6	-0.10	0.0197	667	0.08	0.0102	1861	-0.10	0.0041	14249	-0.03	0.0047	10308	-0.07	0.0098	2464	-0.02	0.0029	27111
Reading Grade 7	0.03	0.0210	646	0.09	0.0110	1591	0.00	0.0043	13114	0.08	0.0050	9290	0.02	0.0104	2275	0.04	0.0030	26825
Reading Grade 8	-0.09	0.0211	625	0.05	0.0116	1465	-0.04	0.0045	12317	0.02	0.0053	8305	-0.02	0.0106	2222	-0.03	0.0031	26026
English II	-0.08	0.0188	692	0.05	0.0104	1637	-0.10	0.0041	13978	-0.03	0.0052	8603	-0.09	0.0105	2187	-0.10	0.0029	28028
Science Grade 5	0.20	0.0250	691	0.15	0.0133	1784	-0.03	0.0054	13912	0.07	0.0060	10370	0.08	0.0127	2330	0.09	0.0036	26903
Science Grade 8	0.03	0.0215	627	0.20	0.0134	1465	-0.02	0.0049	12350	0.10	0.0060	8338	0.09	0.0116	2225	0.11	0.0032	26126
Biology	0.10	0.0244	649	0.13	0.0122	1687	0.03	0.0048	13720	0.11	0.0062	8223	0.10	0.0124	2062	0.08	0.0031	27743
Math Grade 5	-0.13	0.0198	698	0.19	0.0106	1795	-0.09	0.0044	14045	0.04	0.0051	10428	-0.04	0.0112	2365	0.01	0.0031	27120
Math Grade 6	-0.02	0.0192	665	0.24	0.0108	1862	-0.10	0.0042	14240	-0.02	0.0050	10291	-0.07	0.0101	2460	0.01	0.0030	27096
Math Grade 7	-0.00	0.0199	642	0.14	0.0111	1590	-0.02	0.0042	13076	0.04	0.0050	9276	0.00	0.0098	2266	0.02	0.0028	26802
Math Grade 8	-0.07	0.0233	509	0.20	0.0235	551	-0.05	0.0053	10634	0.02	0.0068	6749	-0.01	0.0133	1607	0.03	0.0042	16649
NC Math 1	-0.07	0.0203	777	0.23	0.0118	1747	-0.05	0.0043	14778	-0.00	0.0054	9458	-0.01	0.0103	2482	0.02	0.0030	29149
ACT Composite	-0.11	0.0189	531	0.19	0.0146	1458	-0.12	0.0044	11283	-0.11	0.0055	6750	-0.06	0.0116	1816	-0.01	0.0031	25778
ACT English	-0.11	0.0210	531	0.17	0.0174	1460	-0.14	0.0050	11424	-0.16	0.0063	6782	-0.09	0.0130	1832	-0.05	0.0034	25854
ACT Math	-0.10	0.0209	531	0.32	0.0181	1460	-0.06	0.0048	11402	-0.07	0.0061	6776	0.01	0.0128	1834	0.06	0.0036	25843
ACT Reading	-0.09	0.0232	531	0.07	0.0151	1458	-0.09	0.0052	11384	-0.09	0.0066	6775	-0.08	0.0136	1831	-0.06	0.0036	25821
ACT Science	-0.09	0.0259	531	0.16	0.0161	1460	-0.15	0.0056	11345	-0.10	0.0069	6773	-0.05	0.0146	1820	0.02	0.0039	25810

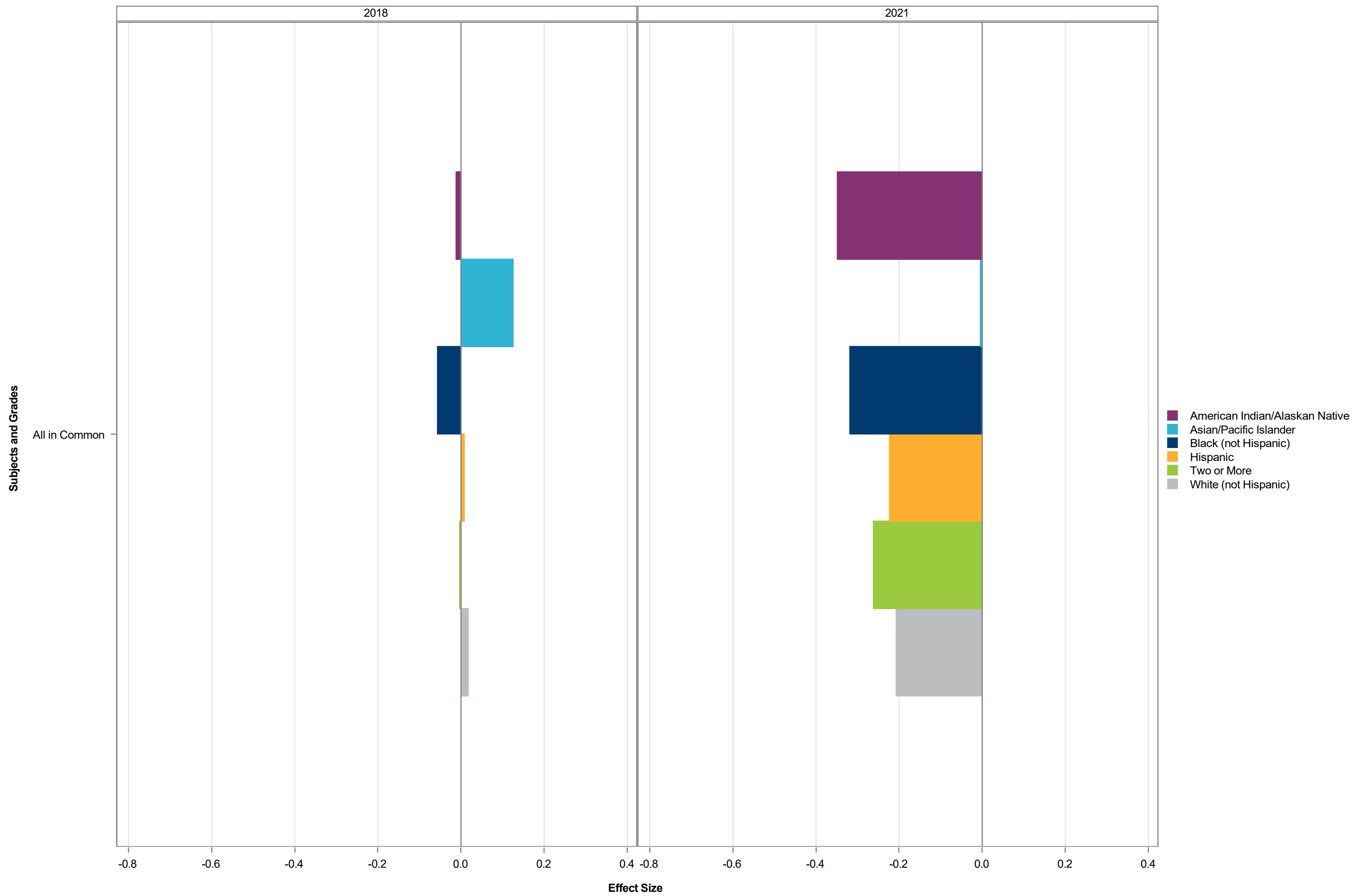
# Effect Size by Subject Grade - Race/Ethnicity Split by Urbanicity - City



# Effect Size by Subject Grade - Race/Ethnicity Split by Urbanicity - City School

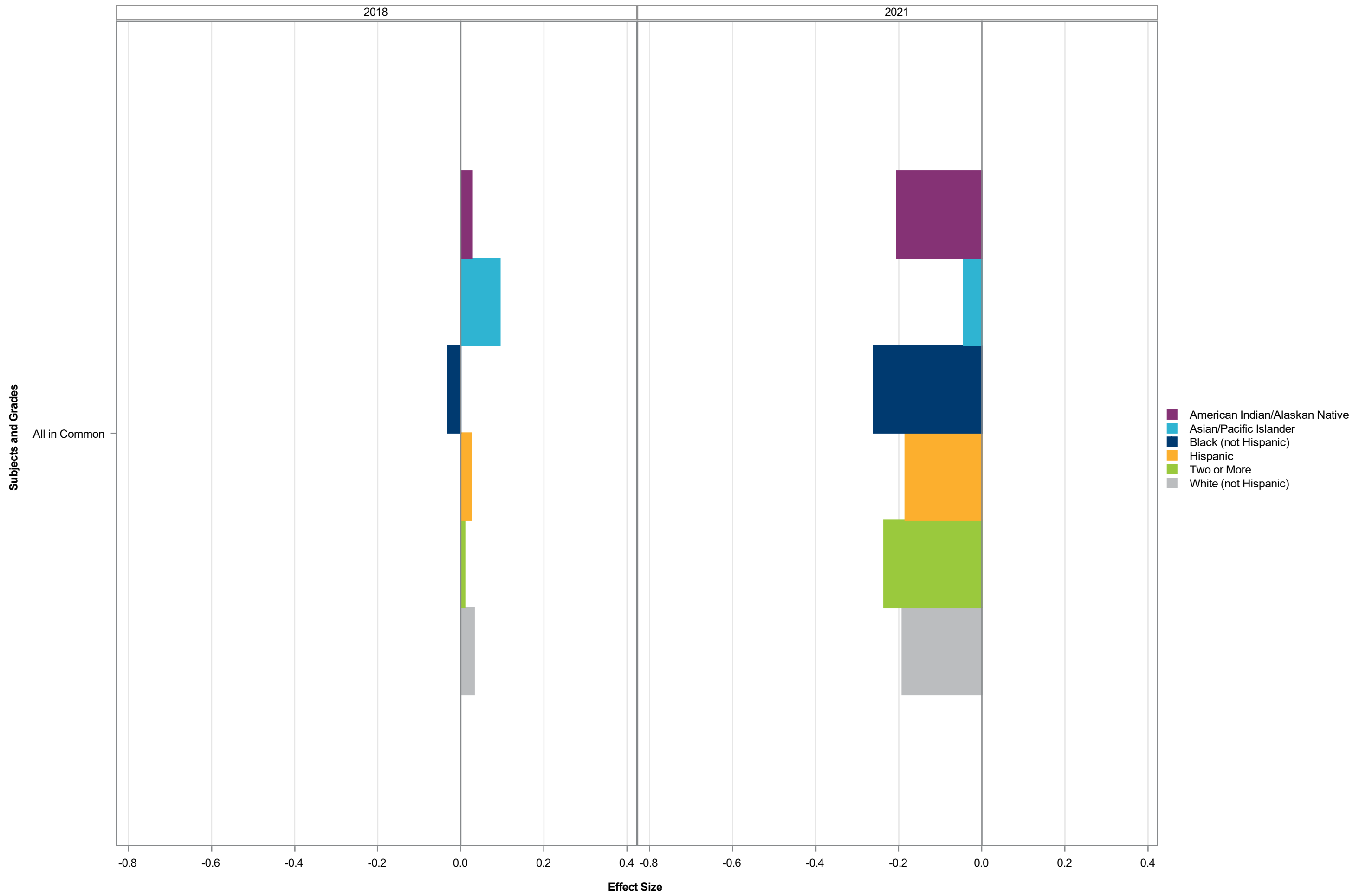


# Effect Size by Subject Grade - Race/Ethnicity Split by Urbanicity - Rural

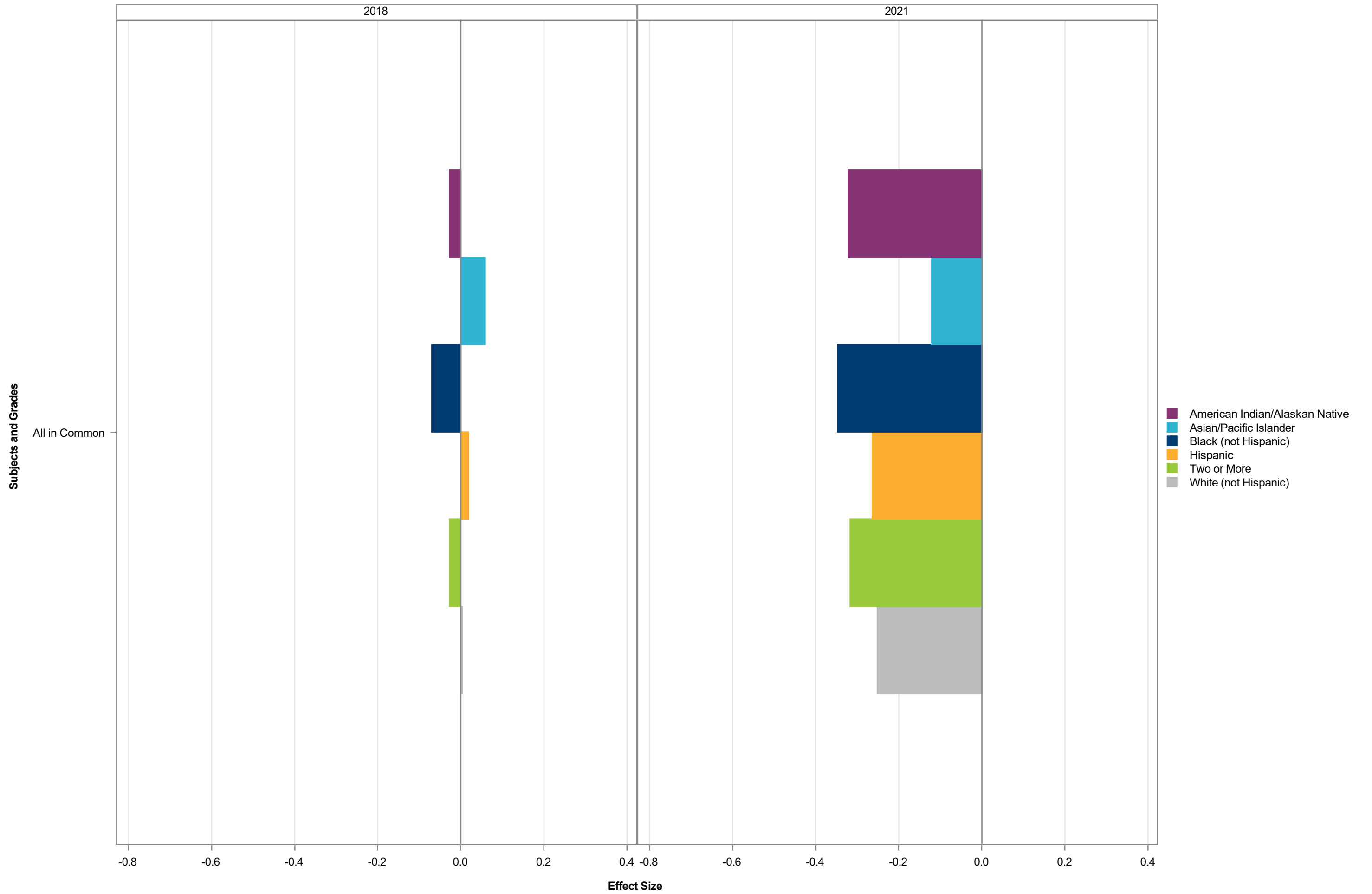




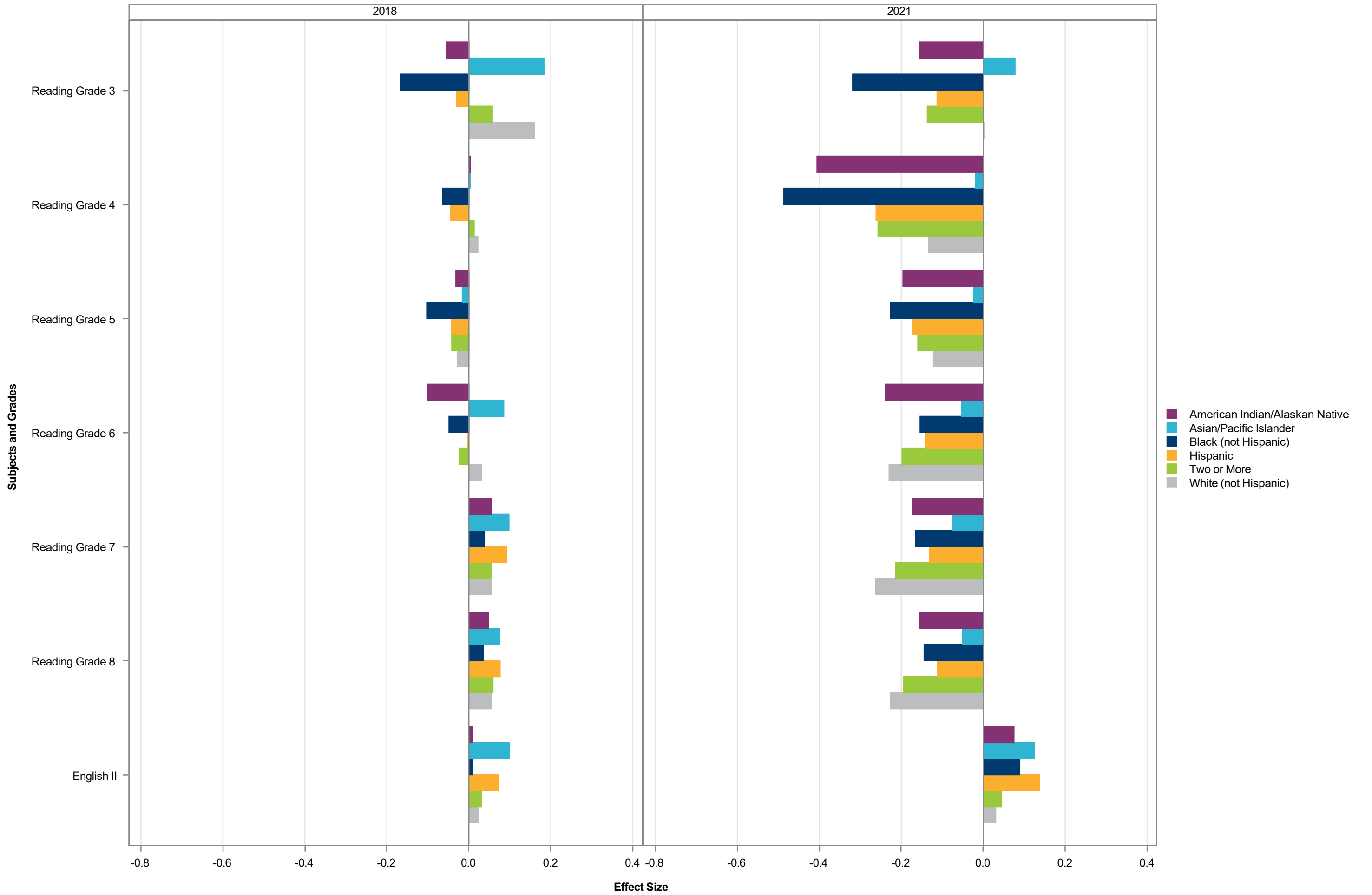
# Effect Size by Subject Grade - Race/Ethnicity Split by Urbanicity - Suburb



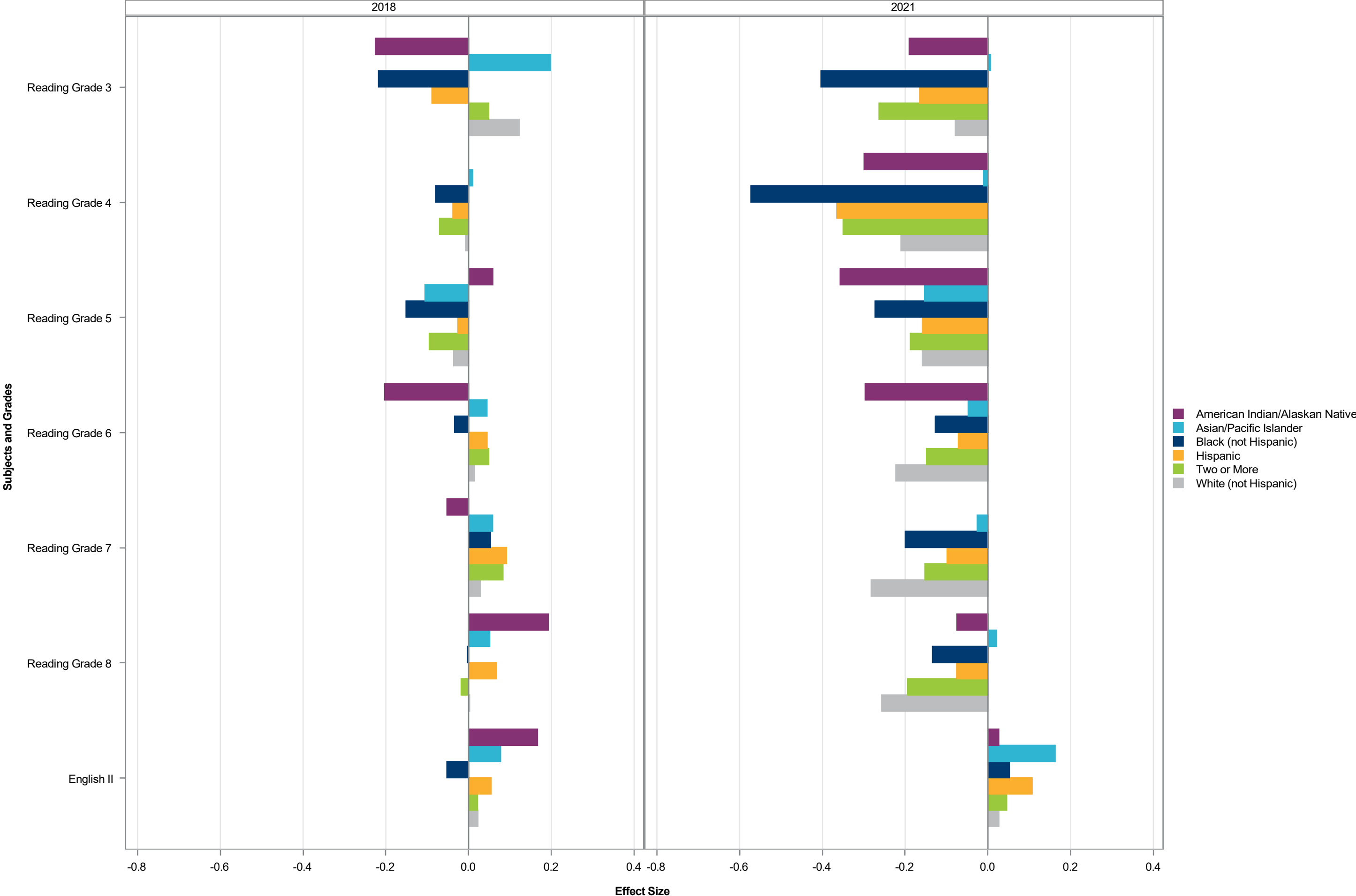
# Effect Size by Subject Grade - Race/Ethnicity Split by Urbanicity - Town



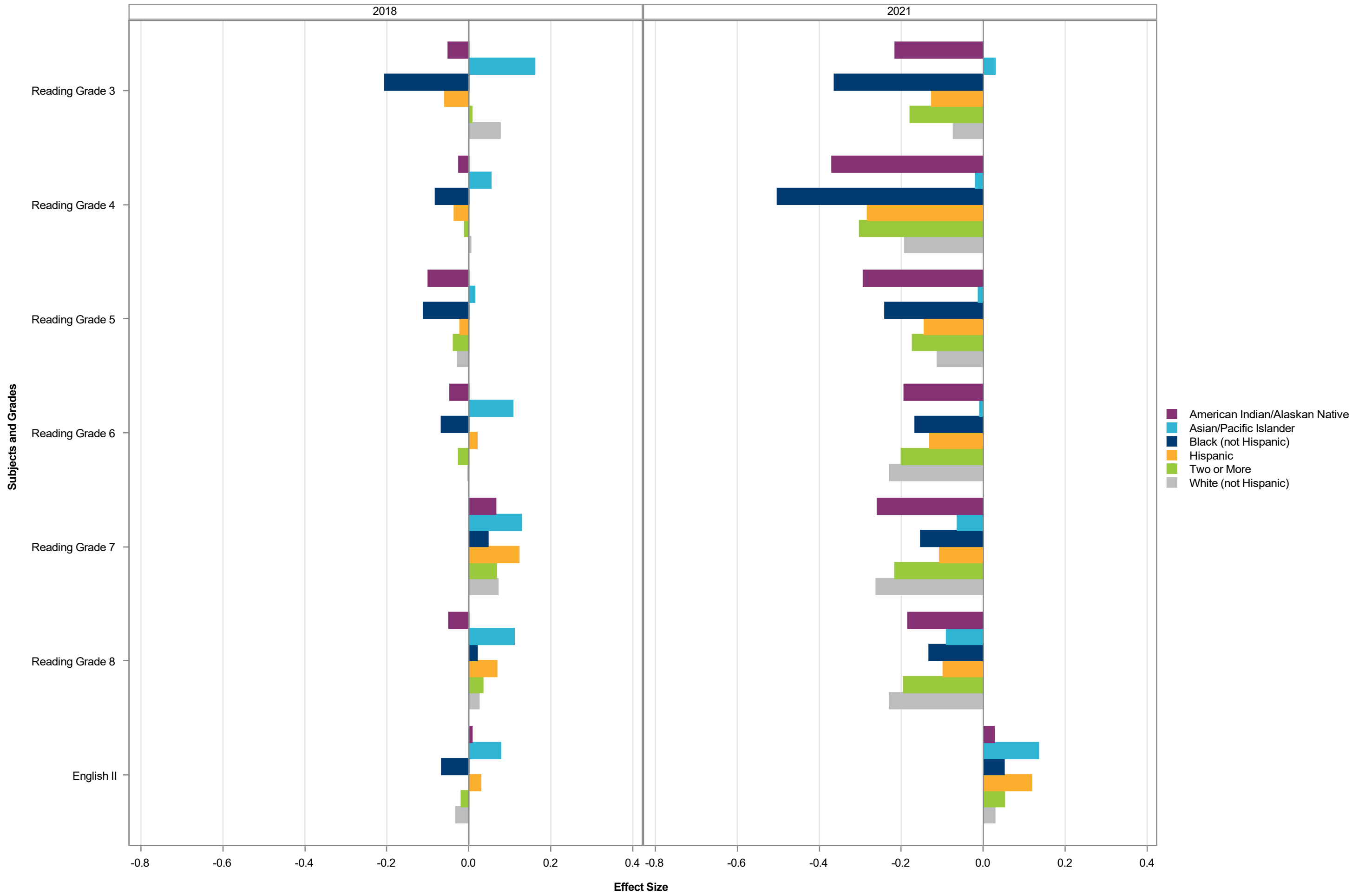
# Effect Size by Subject Grade - Race/Ethnicity Split by Urbanicity - City



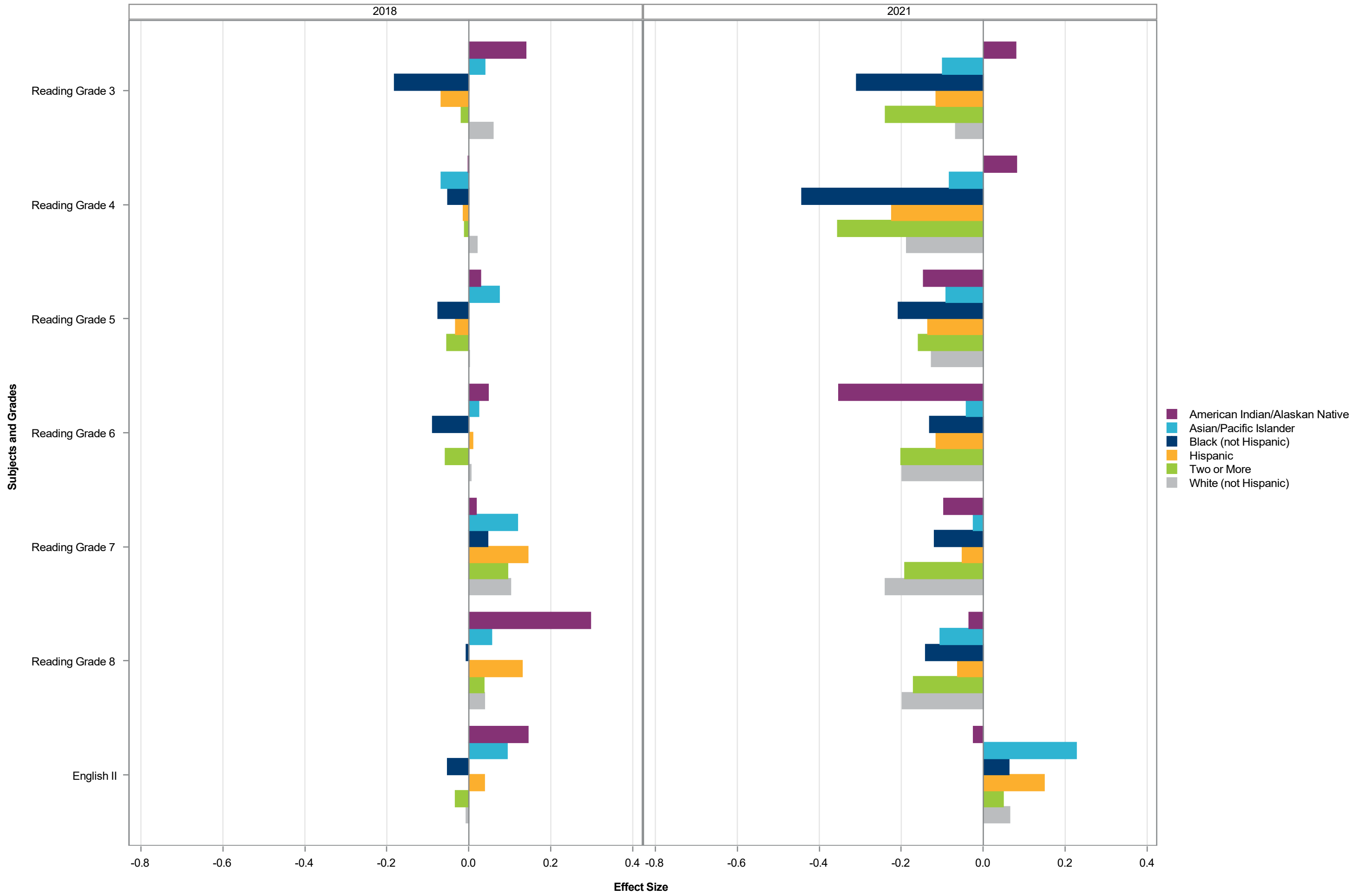
Effect Size by Subject Grade - Race/Ethnicity Split by Urbanicity - City School



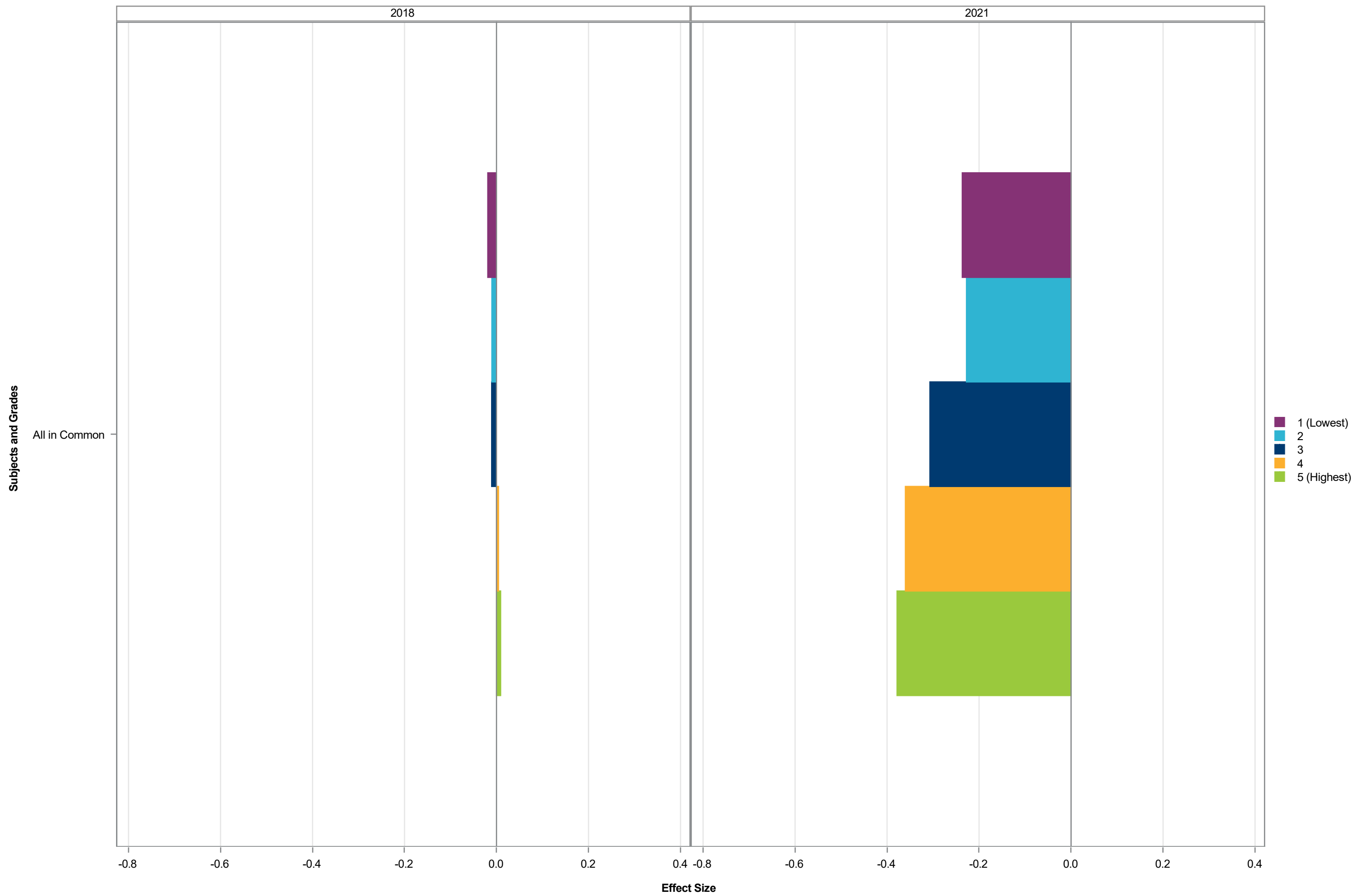
### Effect Size by Subject Grade - Race/Ethnicity Split by Urbanicity - Rural



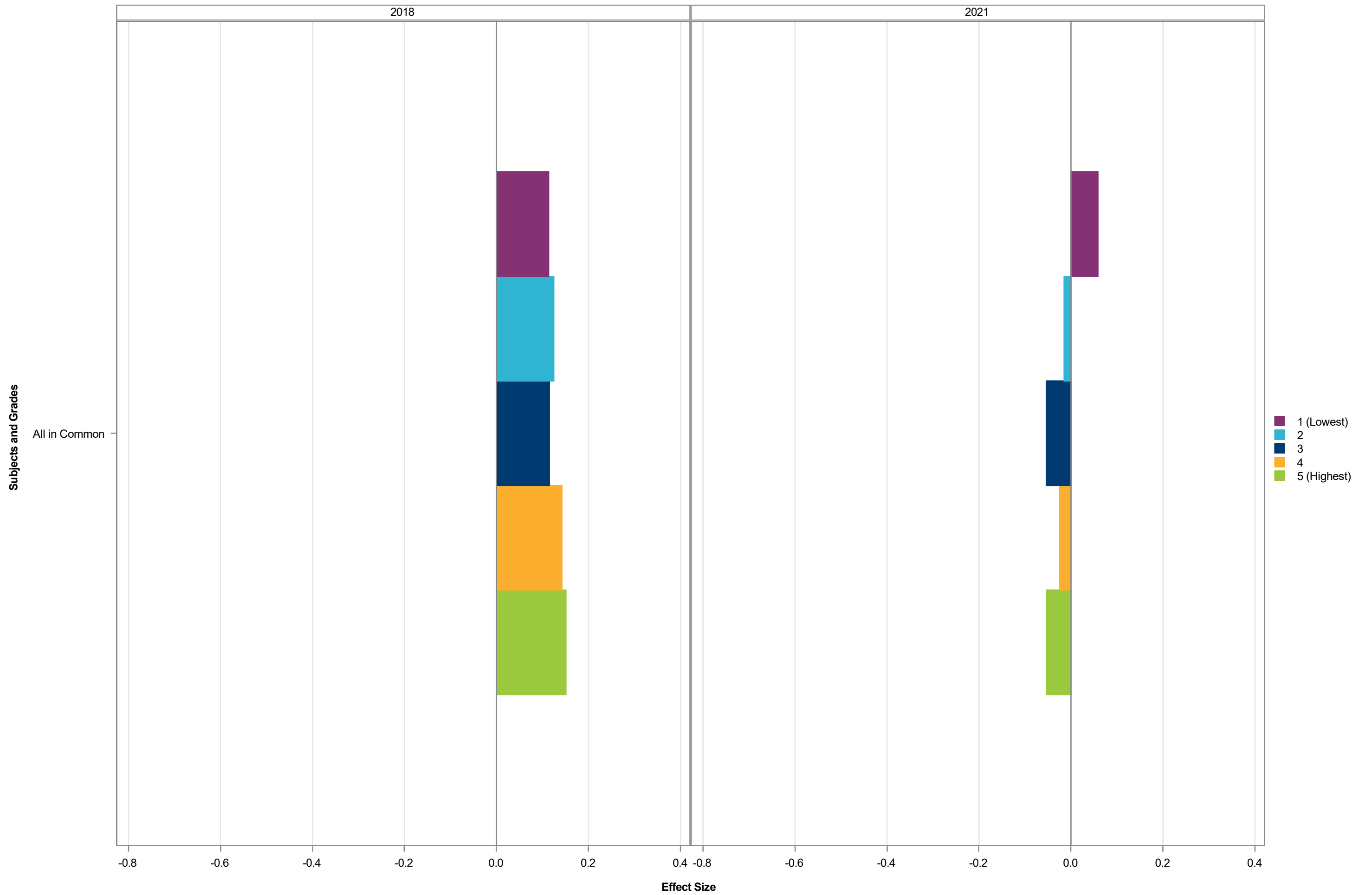
### Effect Size by Subject Grade - Race/Ethnicity Split by Urbanicity - Suburb



# Effect Size by Subject Grade - Student Remote Quintile Split by Race/Ethnicity - American Indian/Alaskan Native

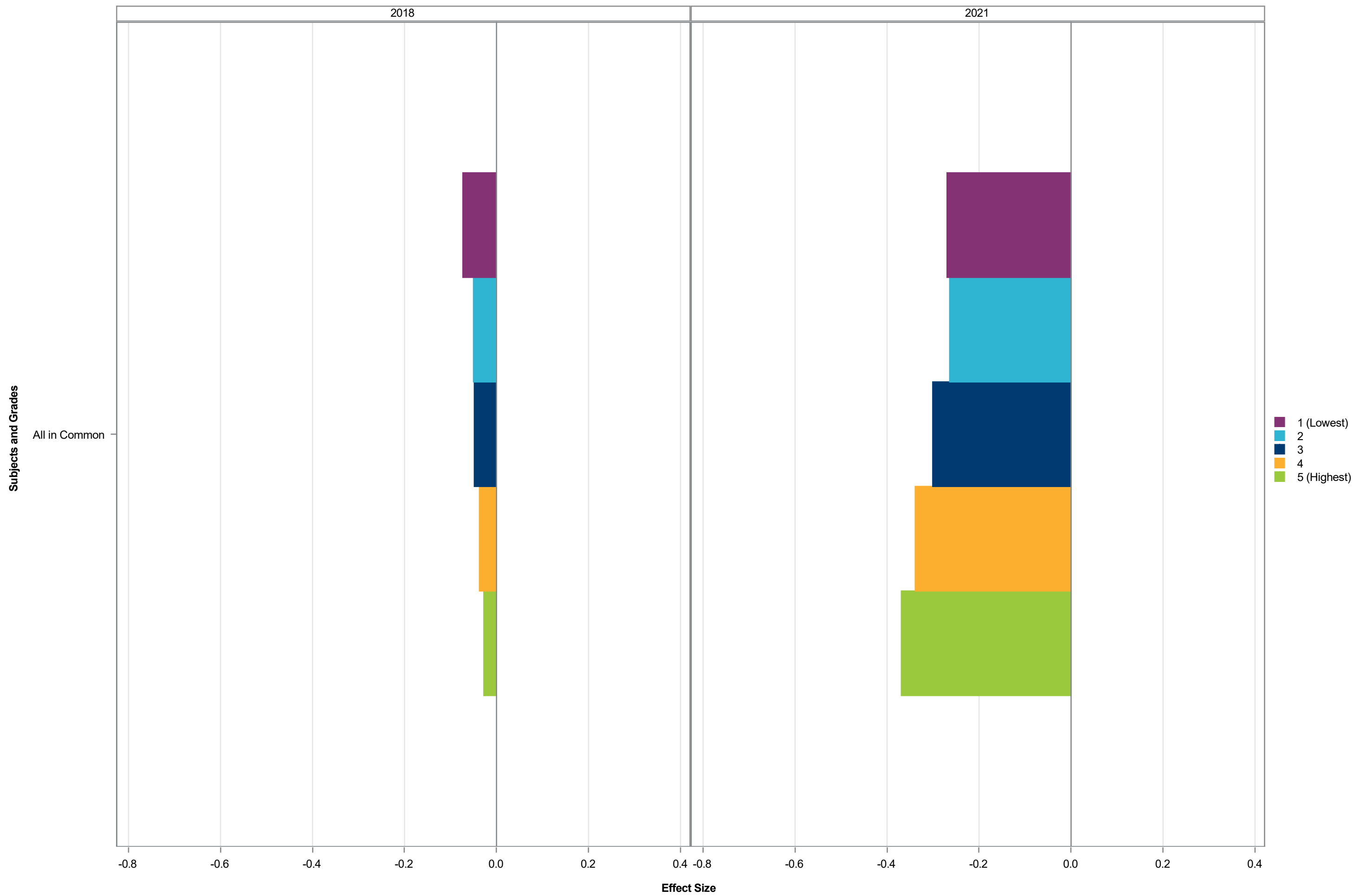


# Effect Size by Subject Grade - Student Remote Quintile Split by Race/Ethnicity - Asian/Pacific Islander

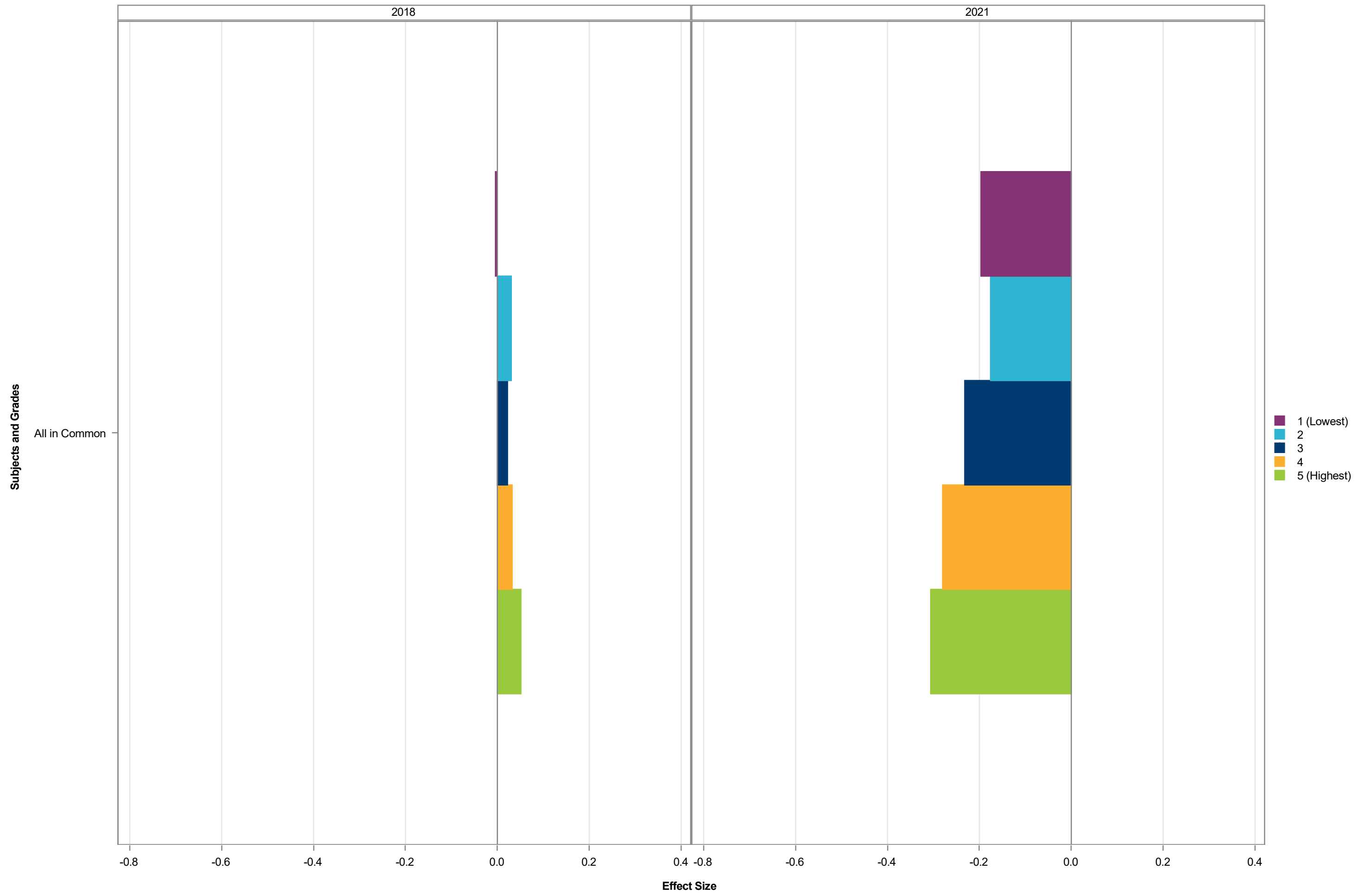




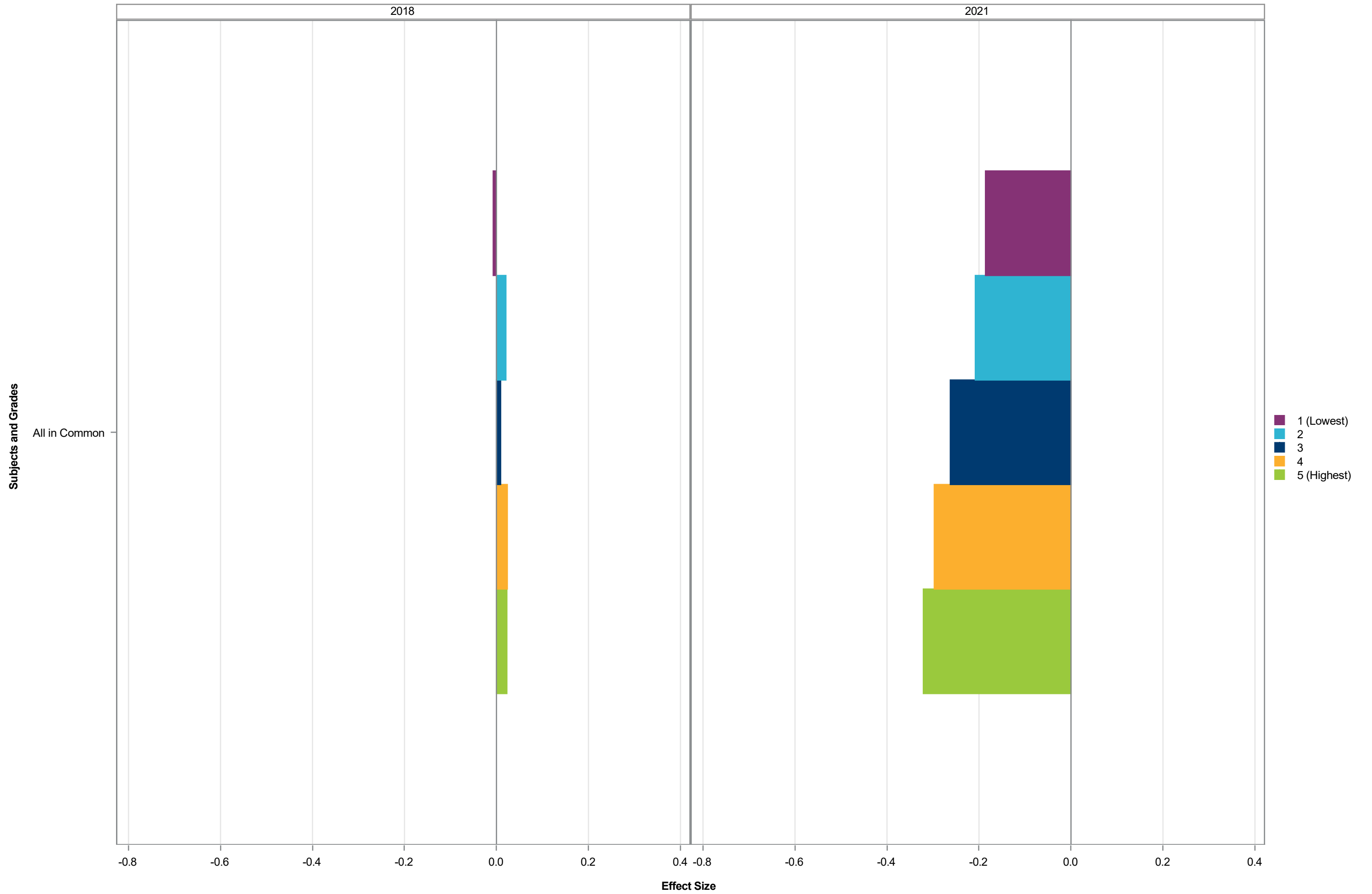
# Effect Size by Subject Grade - Student Remote Quintile Split by Race/Ethnicity - Black (not Hispanic)



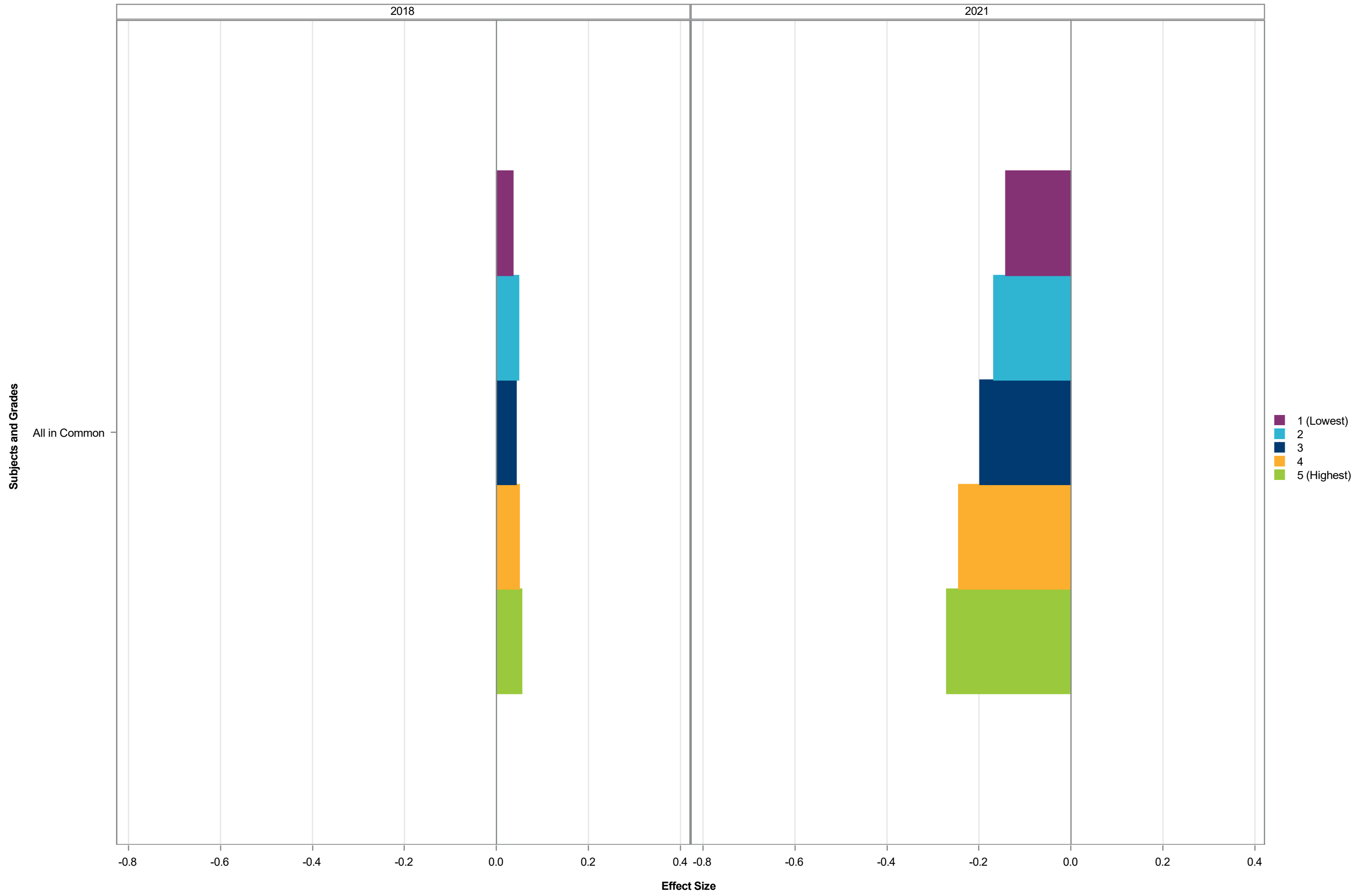
# Effect Size by Subject Grade - Student Remote Quintile Split by Race/Ethnicity - Hispanic



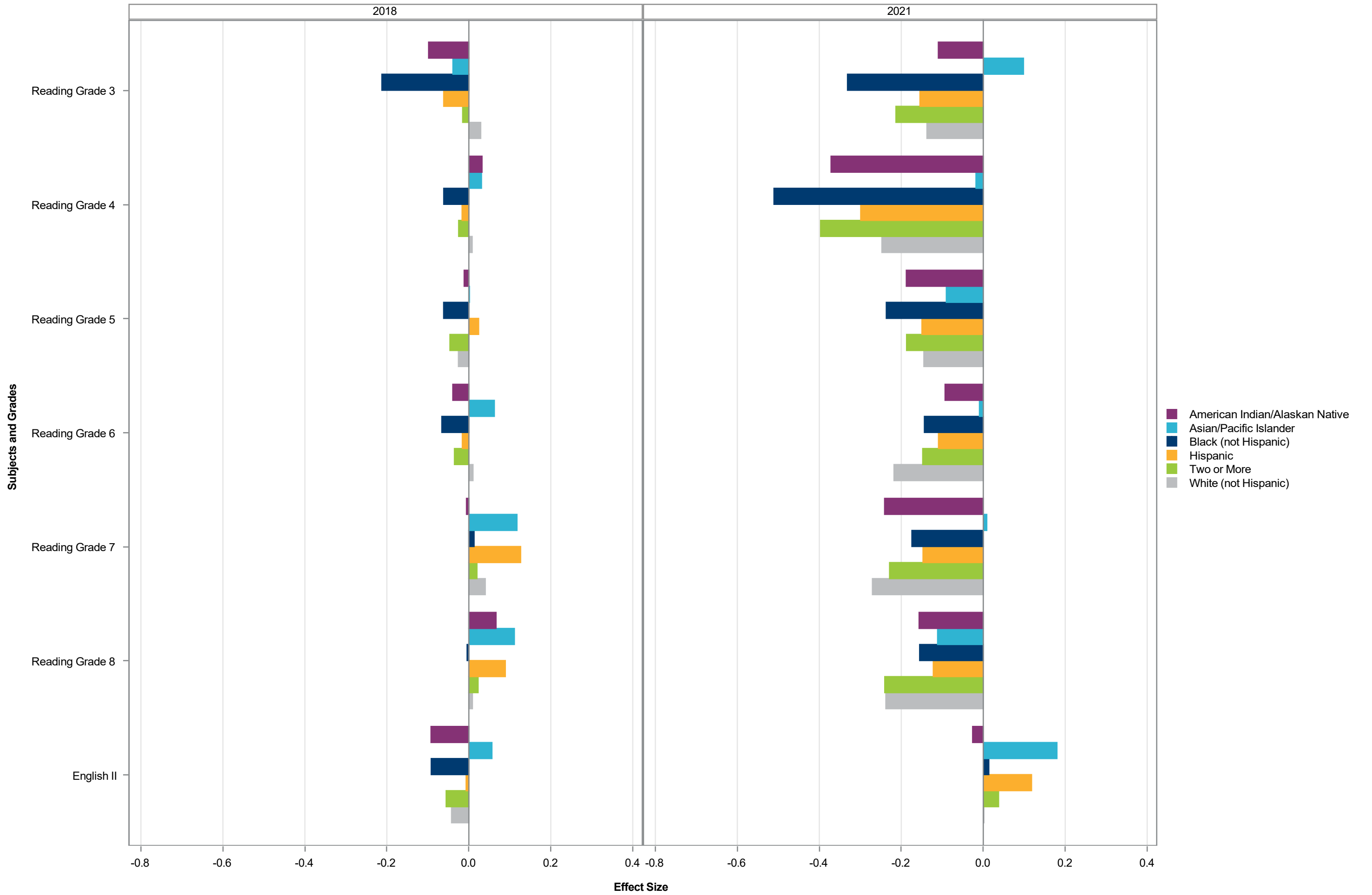
# Effect Size by Subject Grade - Student Remote Quintile Split by Race/Ethnicity - Two or More



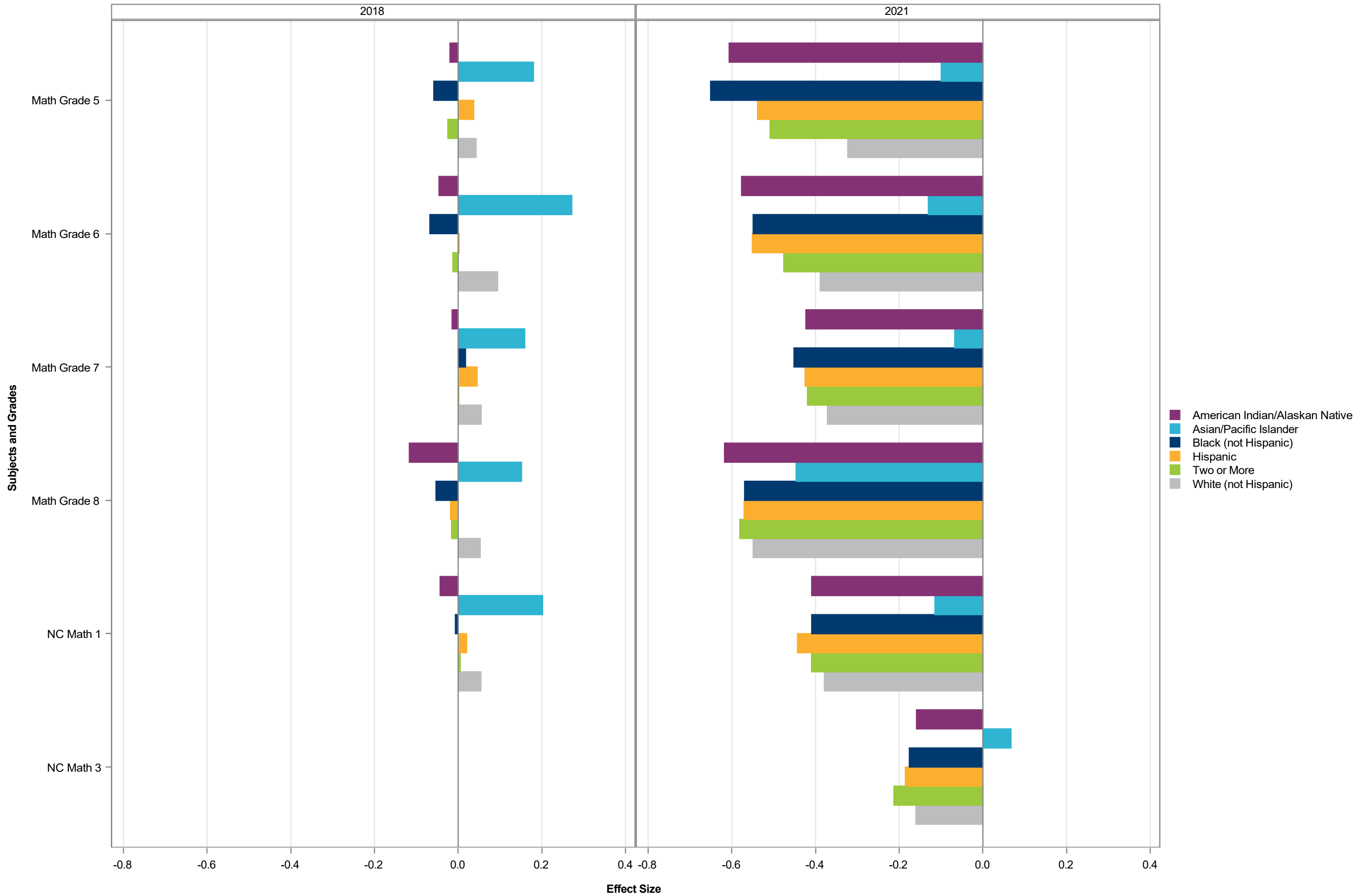
# Effect Size by Subject Grade - Student Remote Quintile Split by Race/Ethnicity - White (not Hispanic)



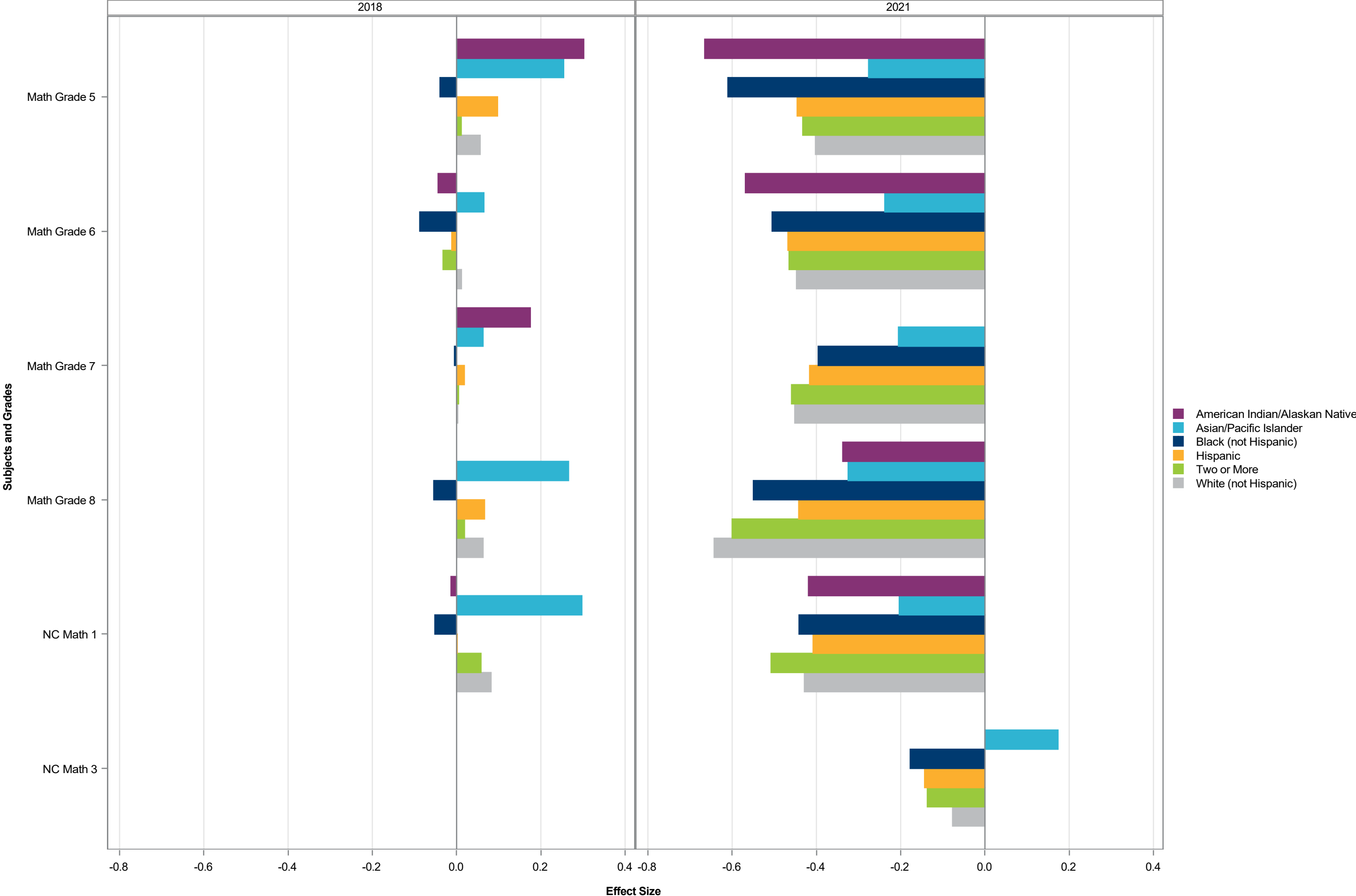
# Effect Size by Subject Grade - Race/Ethnicity Split by Urbanicity - Town



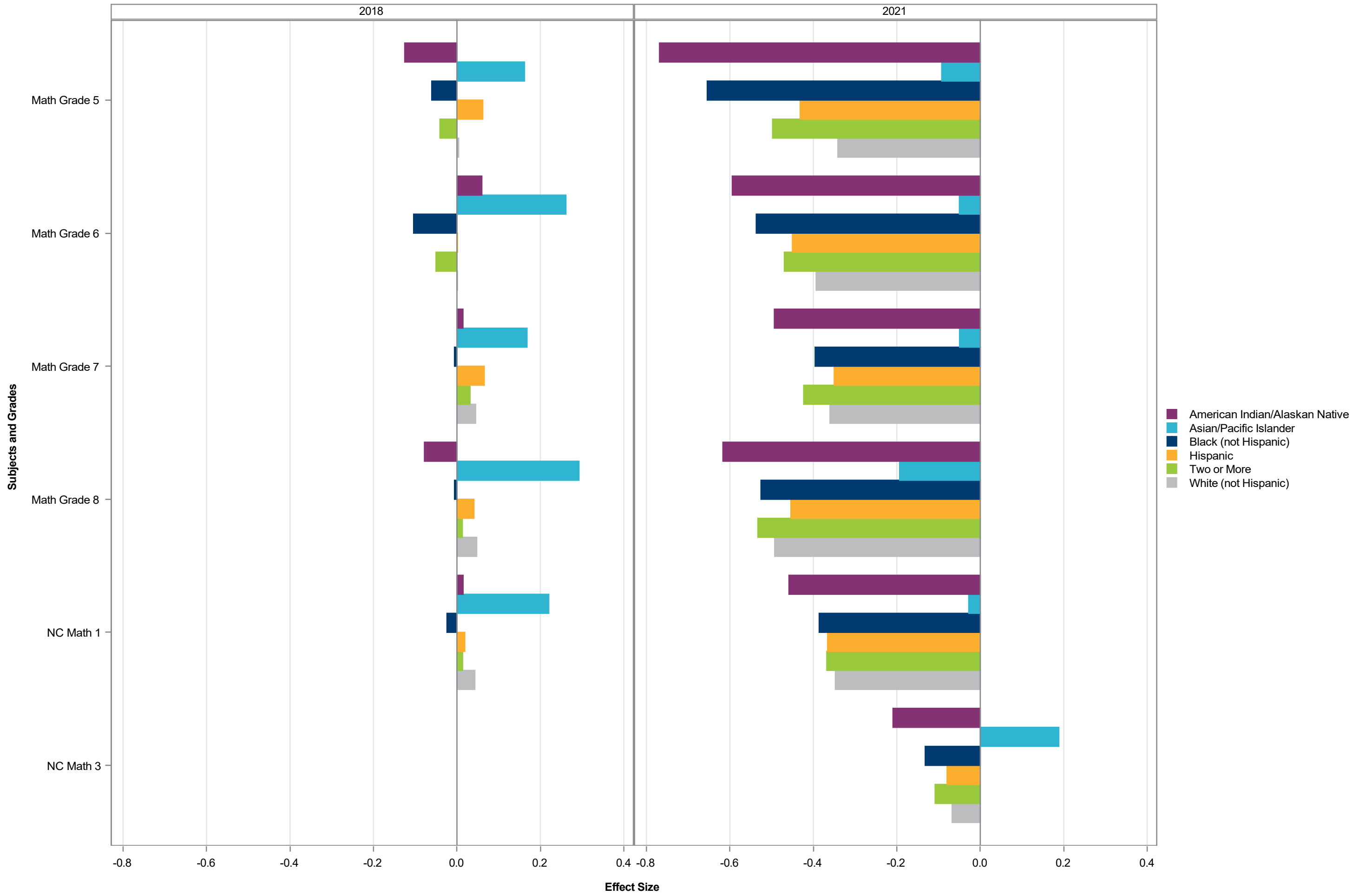
# Effect Size by Subject Grade - Race/Ethnicity Split by Urbanicity - City



# Effect Size by Subject Grade - Race/Ethnicity Split by Urbanicity - City School

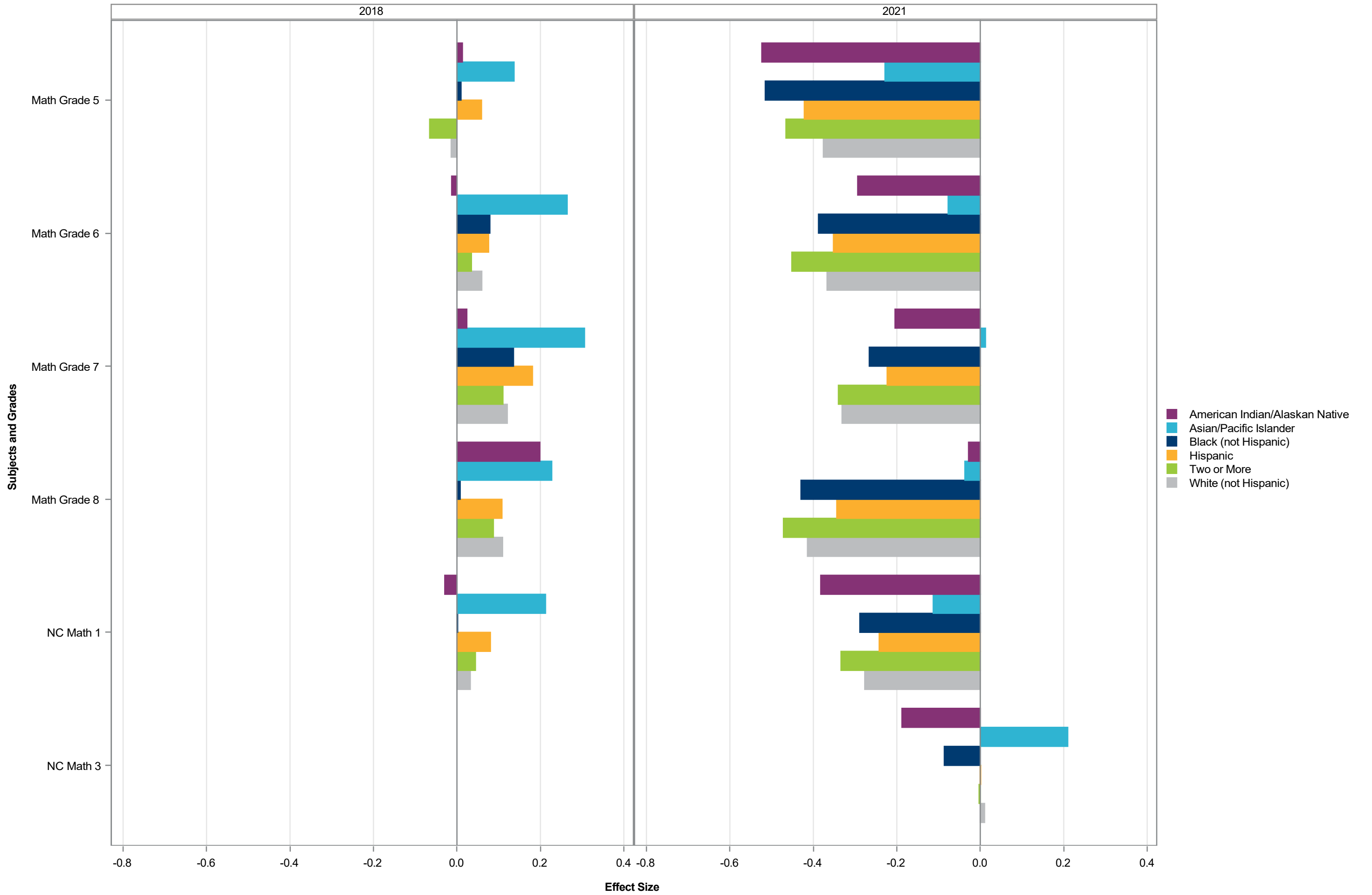


# Effect Size by Subject Grade - Race/Ethnicity Split by Urbanicity - Rural

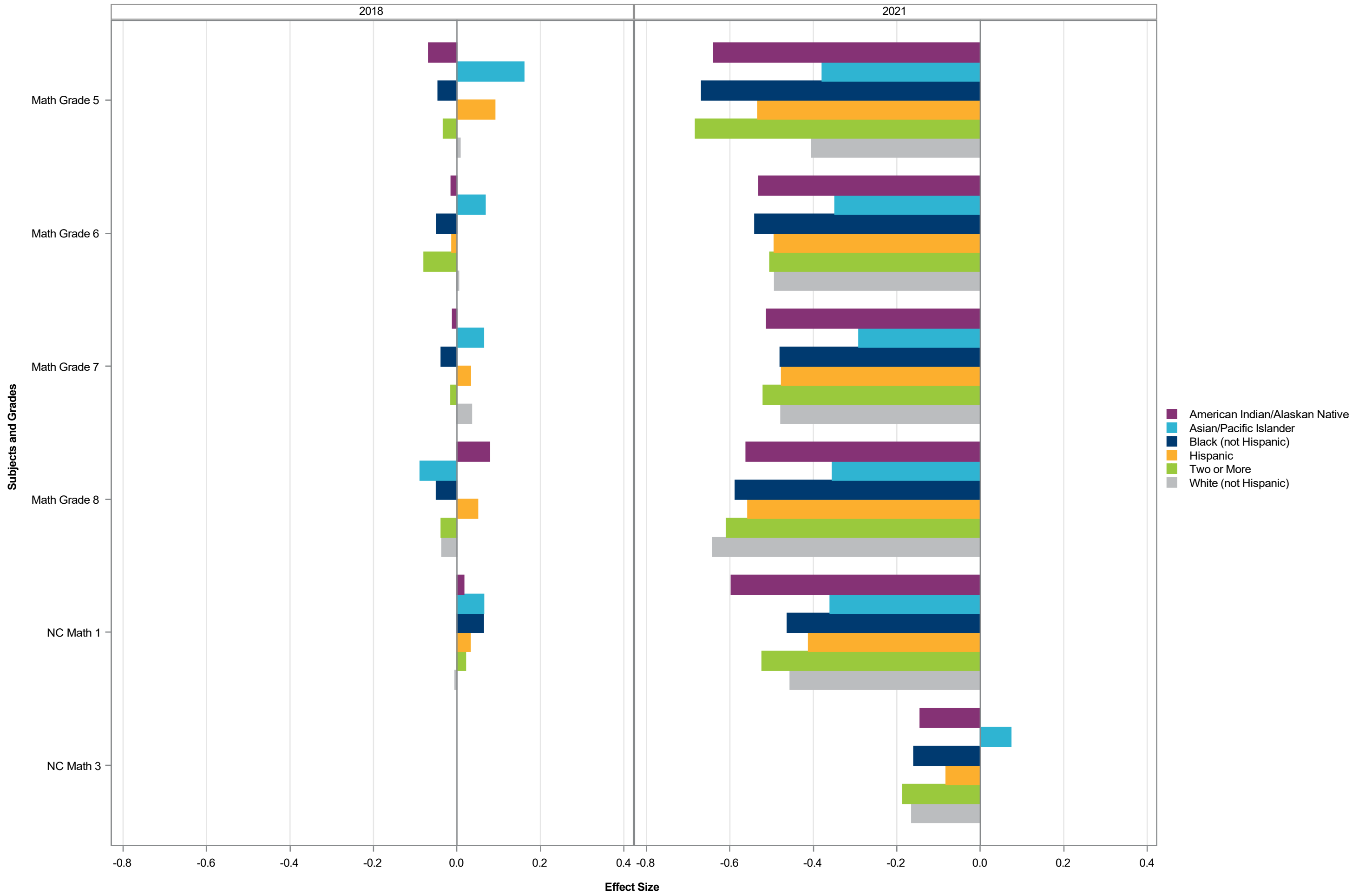




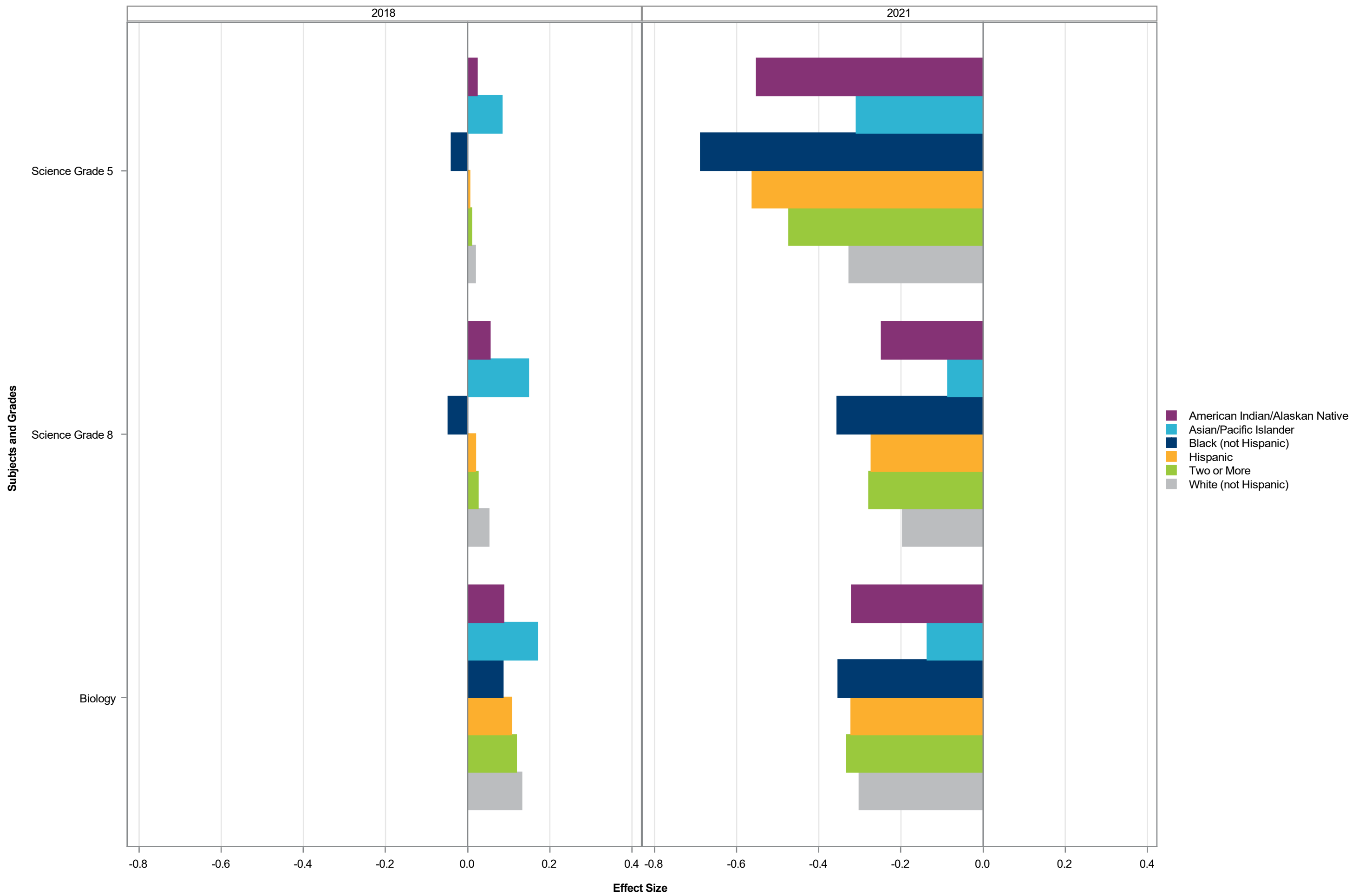
### Effect Size by Subject Grade - Race/Ethnicity Split by Urbanicity - Suburb



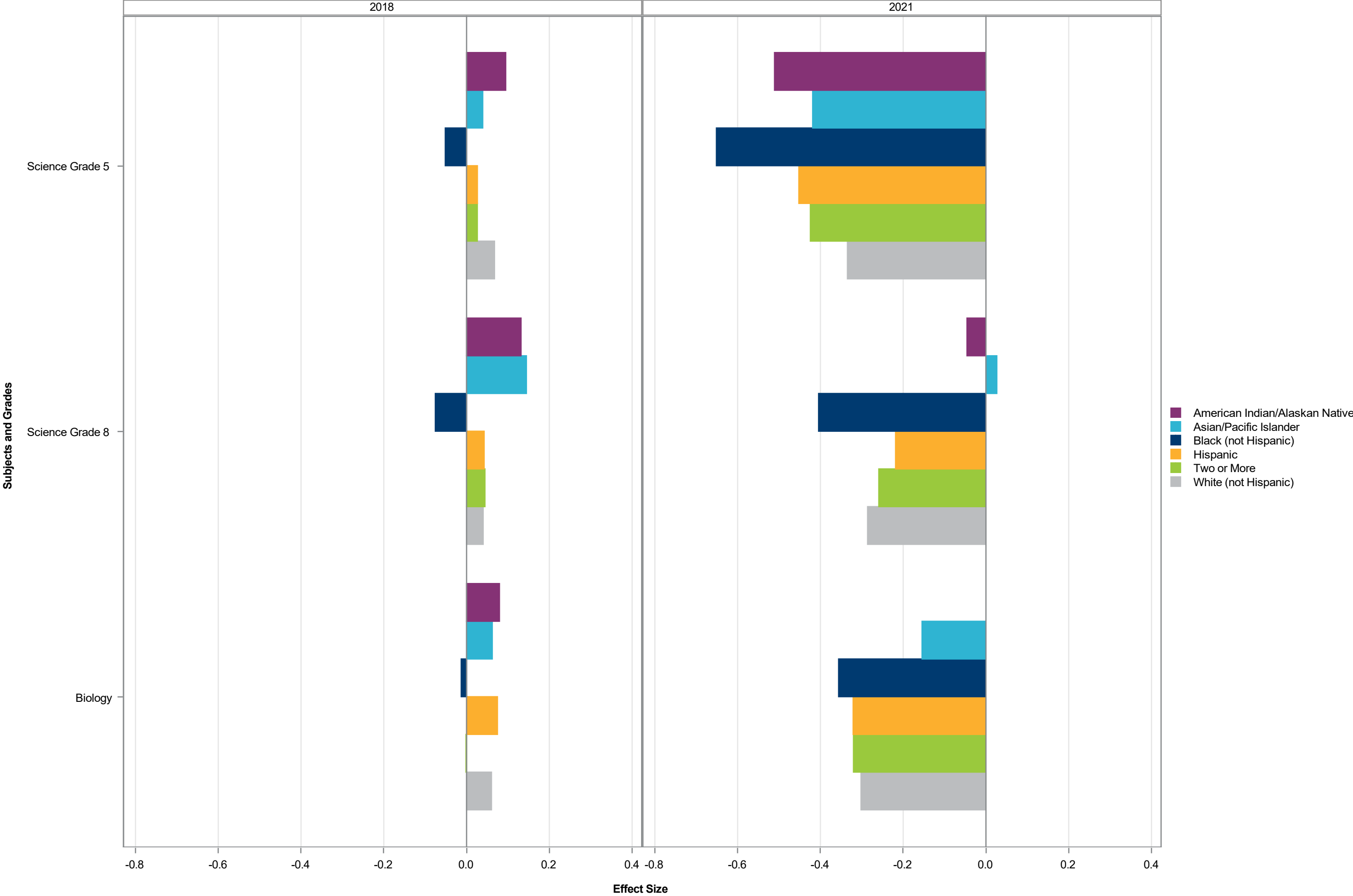
# Effect Size by Subject Grade - Race/Ethnicity Split by Urbanicity - Town



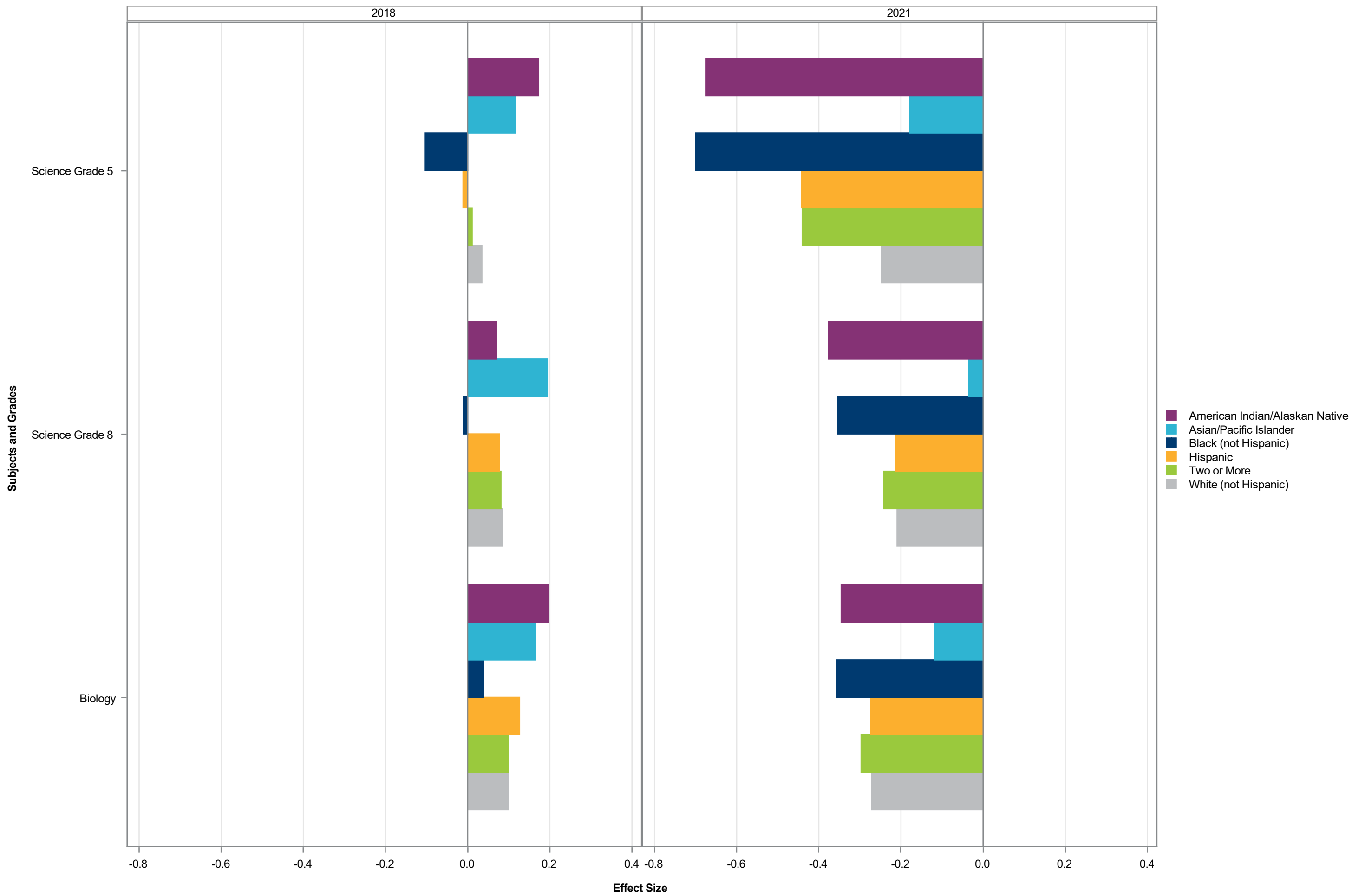
Effect Size by Subject Grade - Race/Ethnicity Split by Urbanicity - City



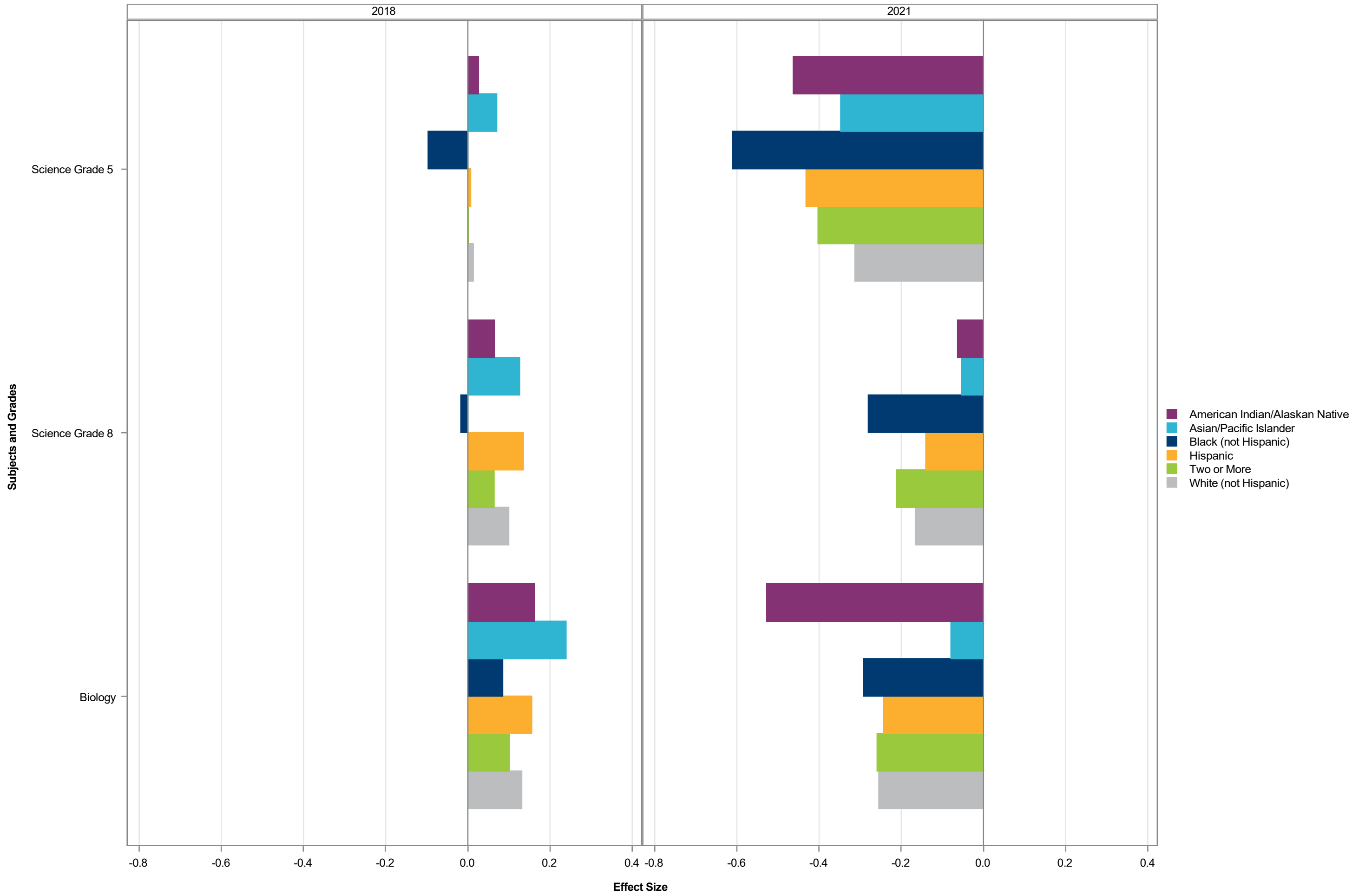
# Effect Size by Subject Grade - Race/Ethnicity Split by Urbanicity - City School



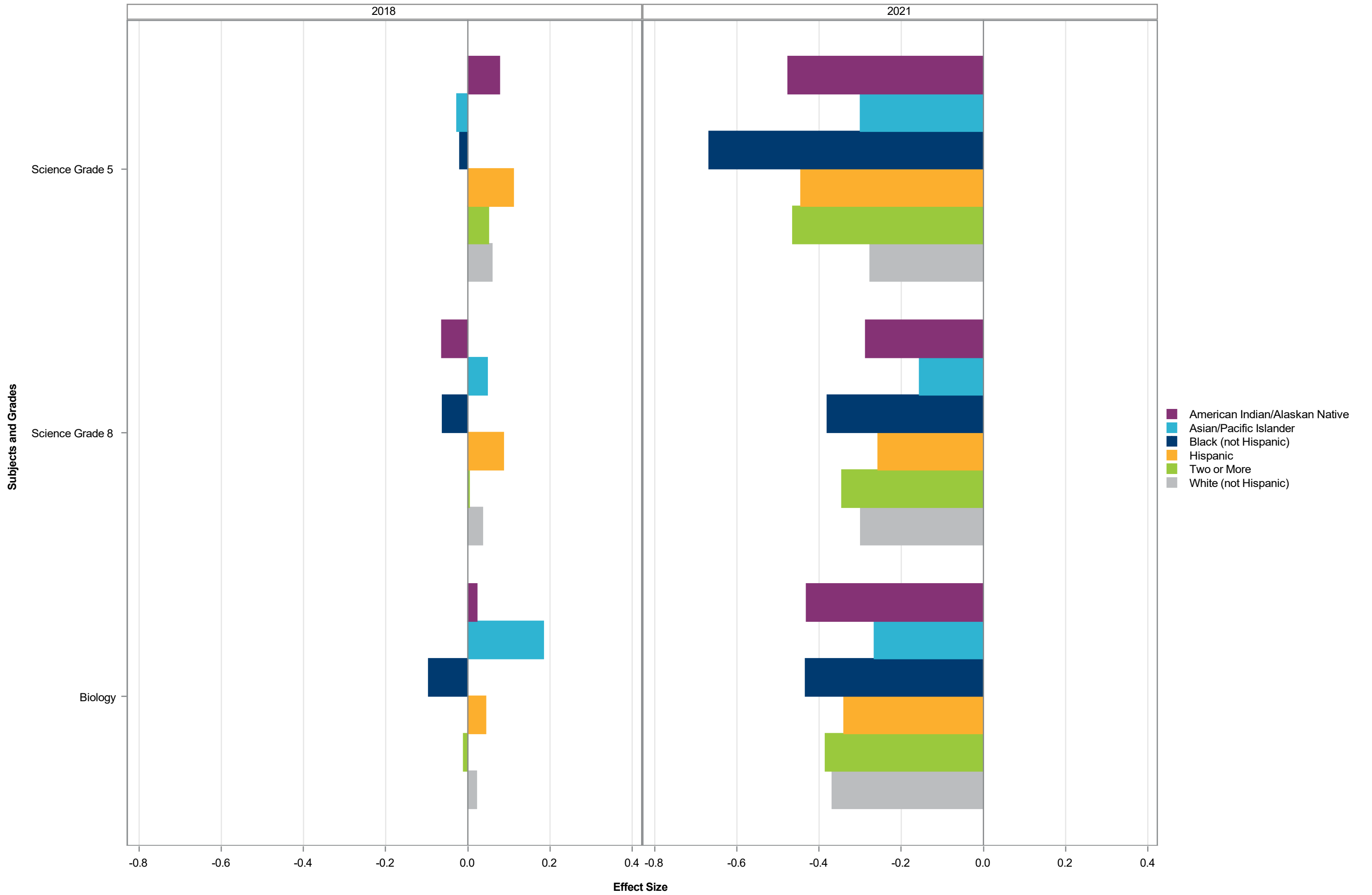
# Effect Size by Subject Grade - Race/Ethnicity Split by Urbanicity - Rural



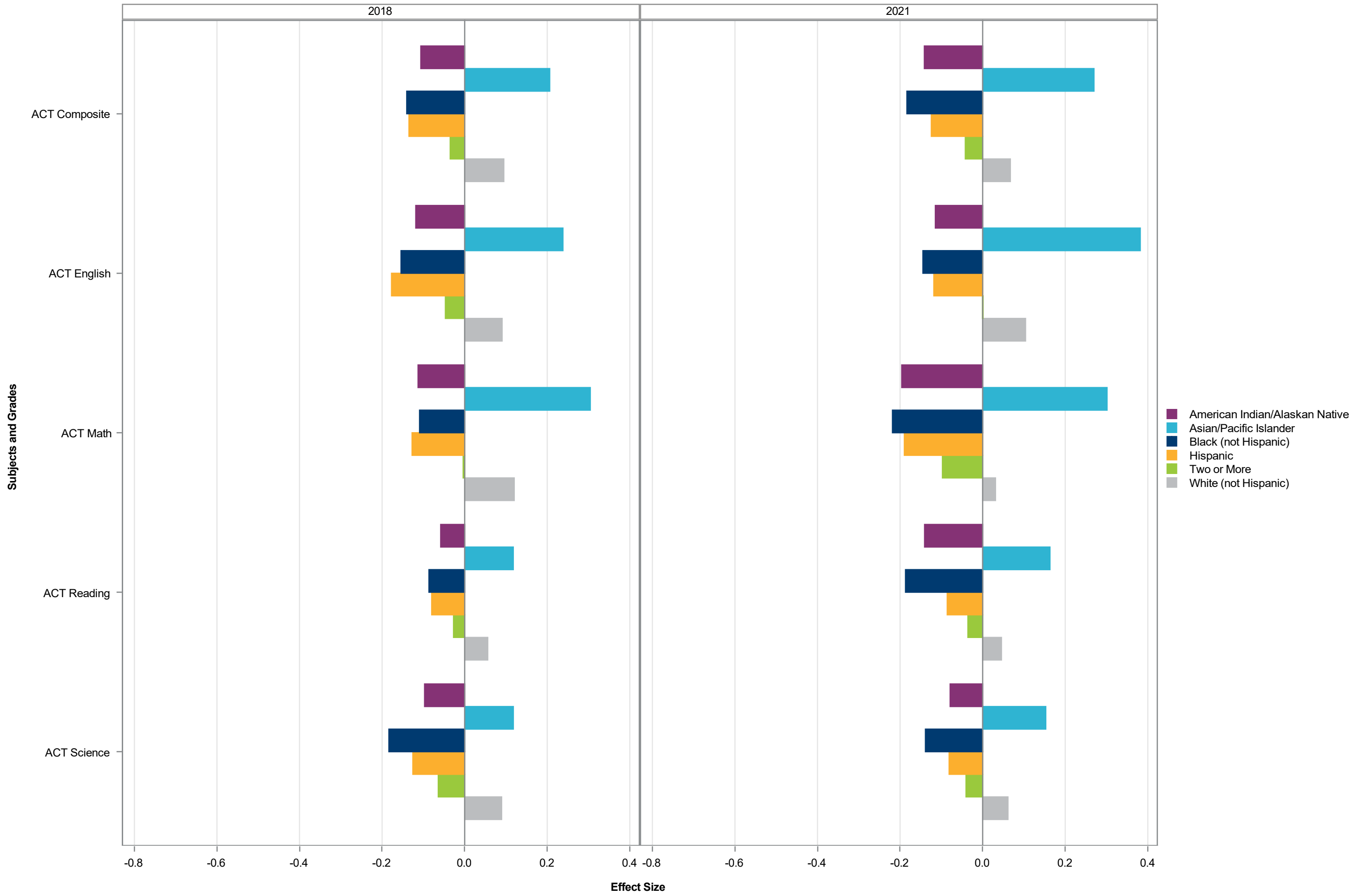
# Effect Size by Subject Grade - Race/Ethnicity Split by Urbanicity - Suburb



# Effect Size by Subject Grade - Race/Ethnicity Split by Urbanicity - Town

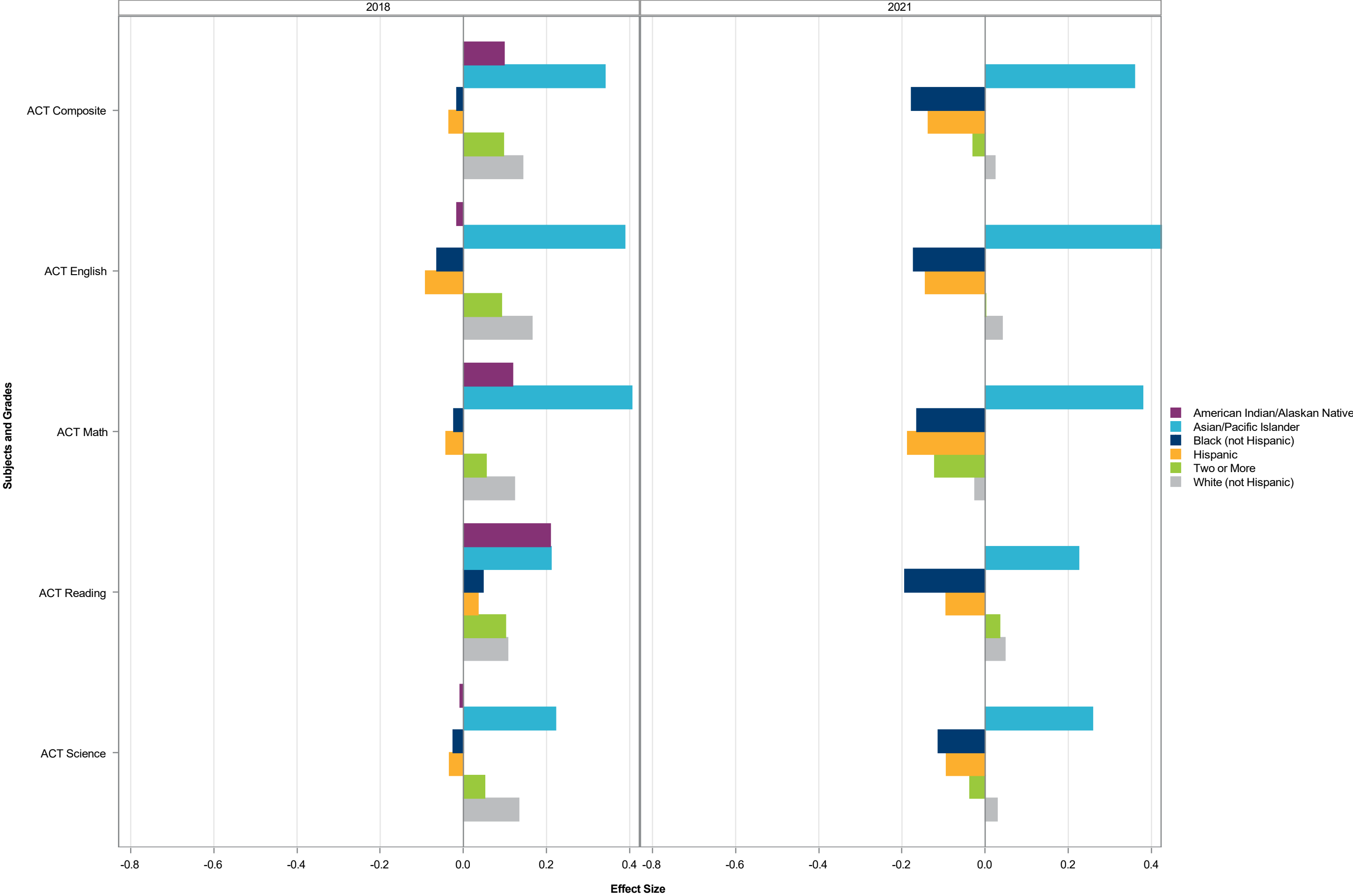


Effect Size by Subject Grade - Race/Ethnicity Split by Urbanicity - City

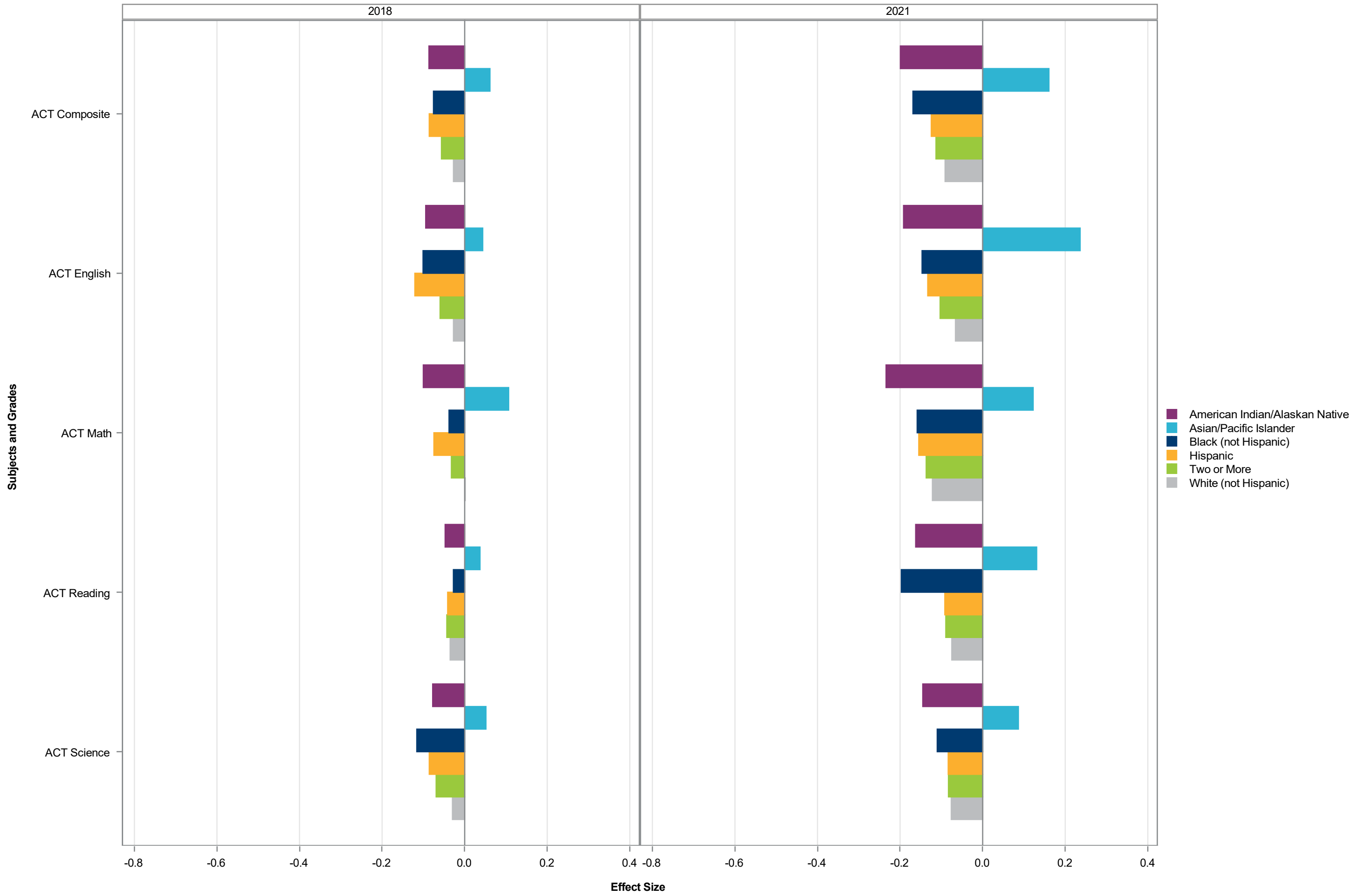




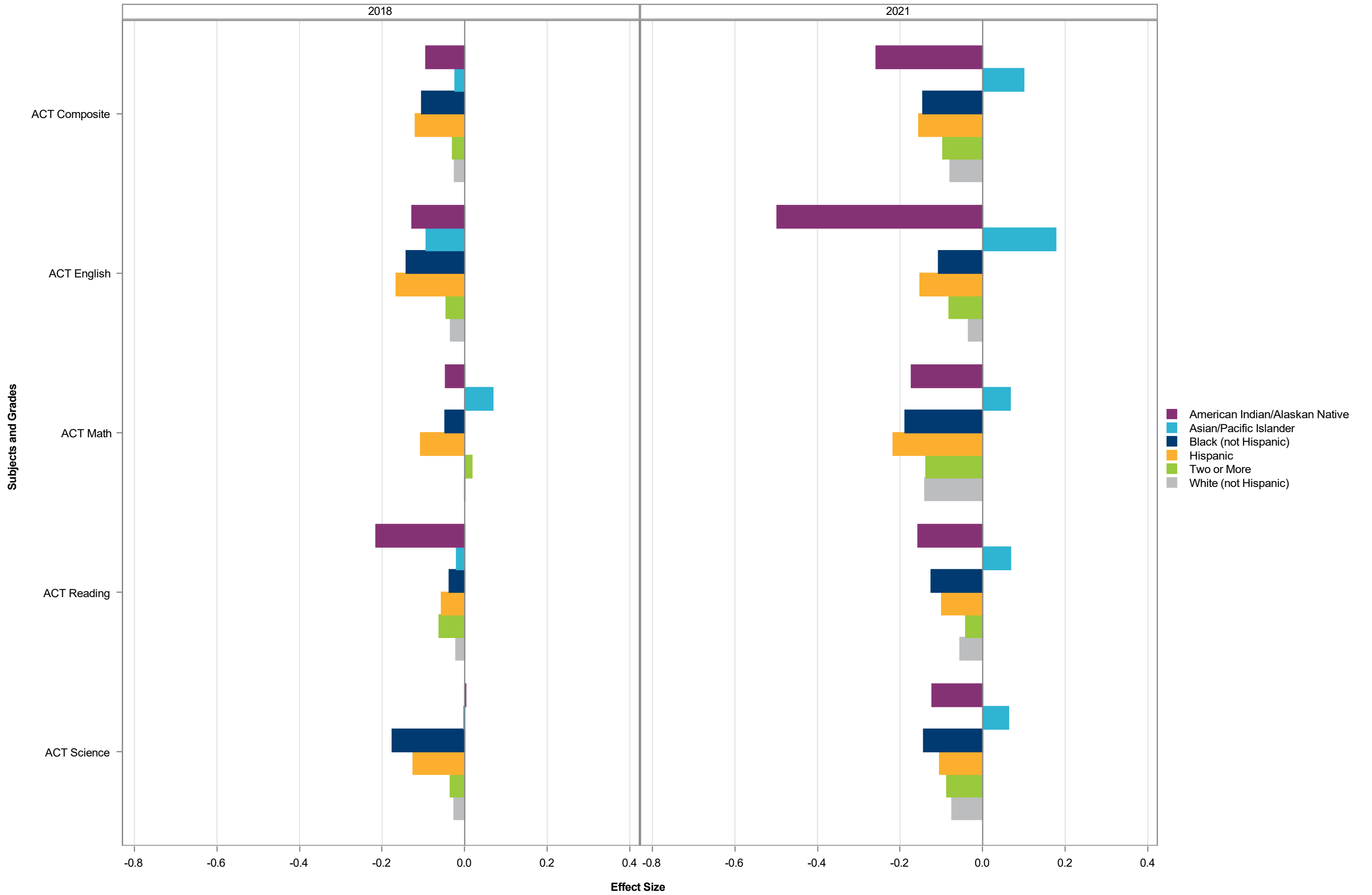
### Effect Size by Subject Grade - Race/Ethnicity Split by Urbanicity - City School



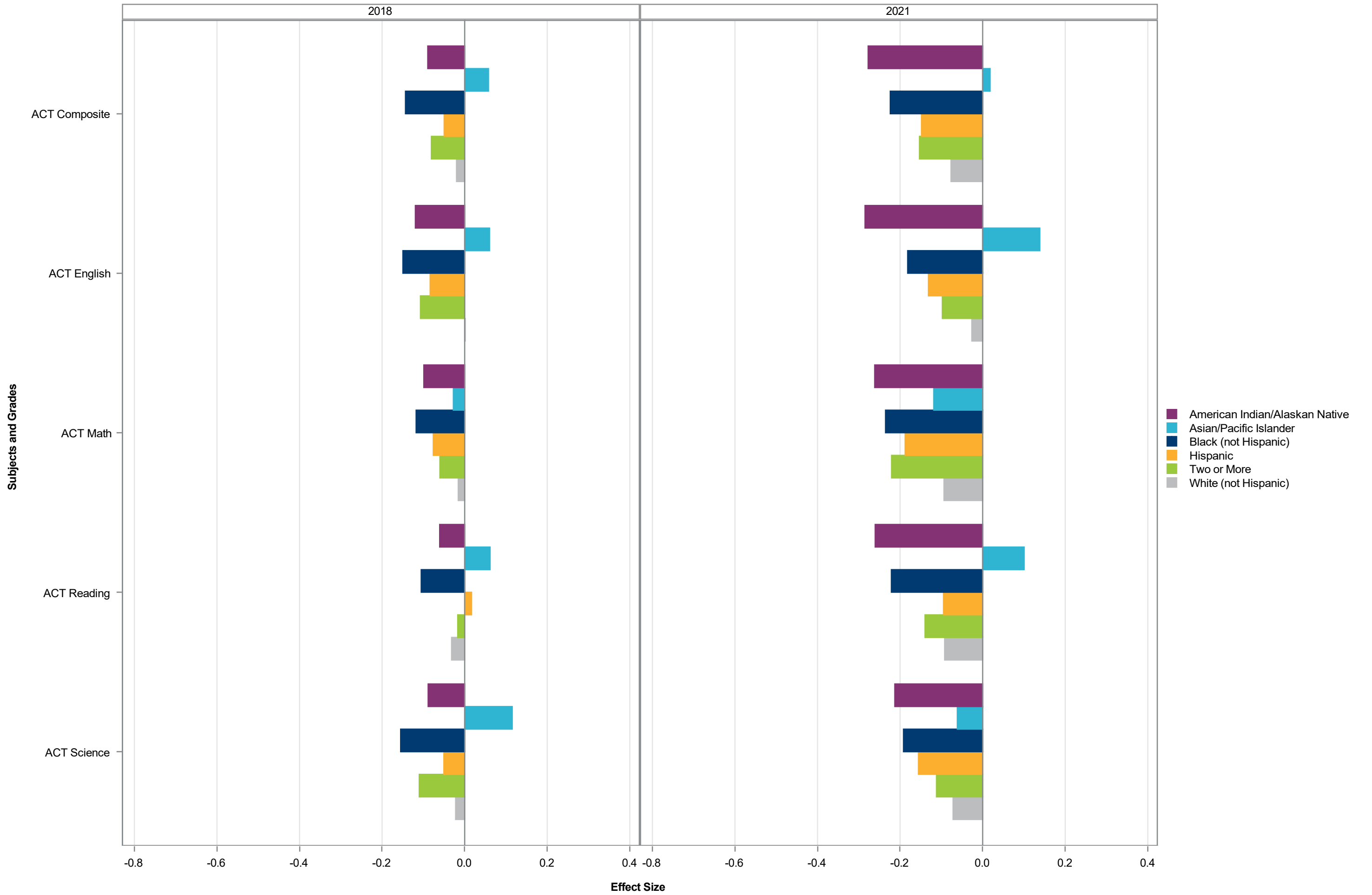
# Effect Size by Subject Grade - Race/Ethnicity Split by Urbanicity - Rural



### Effect Size by Subject Grade - Race/Ethnicity Split by Urbanicity - Suburb



### Effect Size by Subject Grade - Race/Ethnicity Split by Urbanicity - Town



### Effect Size by Subject Grade - Race/Ethnicity Split by Urbanicity - City - 2021

	Race/Ethnicity Split by Urbanicity																	
	American Indian/Alaskan Native			Asian/Pacific Islander			Black (not Hispanic)			Hispanic			Two or More			White (not Hispanic)		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.28	0.0123	2272	-0.01	0.0030	41492	-0.32	0.0013	215570	-0.27	0.0016	140560	-0.24	0.0034	31270	-0.17	0.0012	251719
Reading Grade 3	-0.16	0.0654	96	0.08	0.0142	2252	-0.32	0.0068	10803	-0.11	0.0076	7429	-0.14	0.0173	1657	0.00	0.0061	12035
Reading Grade 4	-0.41	0.0628	105	-0.02	0.0140	2298	-0.49	0.0063	11090	-0.26	0.0077	7536	-0.26	0.0160	1788	-0.13	0.0059	12488
Reading Grade 5	-0.20	0.0453	112	-0.02	0.0102	2412	-0.23	0.0048	11574	-0.17	0.0058	8143	-0.16	0.0125	1738	-0.12	0.0045	13289
Reading Grade 6	-0.24	0.0443	129	-0.05	0.0097	2276	-0.15	0.0045	11766	-0.14	0.0055	7935	-0.20	0.0128	1586	-0.23	0.0043	12918
Reading Grade 7	-0.17	0.0415	129	-0.08	0.0096	2265	-0.17	0.0043	12464	-0.13	0.0054	8234	-0.21	0.0117	1703	-0.26	0.0042	13174
Reading Grade 8	-0.15	0.0512	98	-0.05	0.0094	2155	-0.14	0.0044	11631	-0.11	0.0053	7941	-0.19	0.0114	1614	-0.23	0.0042	12706
English II	0.07	0.0449	132	0.12	0.0092	2151	0.09	0.0042	12483	0.14	0.0052	7692	0.04	0.0121	1599	0.03	0.0039	14209
Science Grade 5	-0.55	0.0607	113	-0.31	0.0124	2416	-0.69	0.0057	11487	-0.56	0.0070	8122	-0.47	0.0151	1726	-0.33	0.0053	13264
Science Grade 8	-0.25	0.0505	99	-0.09	0.0111	2146	-0.36	0.0047	11598	-0.27	0.0059	7951	-0.28	0.0133	1630	-0.20	0.0046	12759
Biology	-0.32	0.0502	128	-0.14	0.0115	2321	-0.35	0.0045	12149	-0.32	0.0060	7515	-0.33	0.0129	1626	-0.30	0.0044	13990
Math Grade 5	-0.61	0.0591	113	-0.10	0.0125	2413	-0.65	0.0053	11549	-0.54	0.0065	8131	-0.51	0.0148	1730	-0.32	0.0053	13258
Math Grade 6	-0.58	0.0503	129	-0.13	0.0122	2267	-0.55	0.0050	11763	-0.55	0.0060	7921	-0.48	0.0139	1594	-0.39	0.0048	12882
Math Grade 7	-0.42	0.0470	129	-0.07	0.0120	2262	-0.45	0.0047	12442	-0.42	0.0059	8228	-0.42	0.0132	1693	-0.37	0.0046	13130
Math Grade 8	-0.62	0.0761	78	-0.45	0.0287	566	-0.57	0.0062	8984	-0.57	0.0078	5810	-0.58	0.0195	1038	-0.55	0.0086	5503
NC Math 1	-0.41	0.0500	127	-0.11	0.0132	2313	-0.41	0.0046	13101	-0.44	0.0061	8247	-0.41	0.0138	1641	-0.38	0.0049	13640
NC Math 3	-0.16	0.0564	120	0.07	0.0124	2349	-0.18	0.0054	10828	-0.19	0.0072	6537	-0.21	0.0153	1550	-0.16	0.0052	13735
ACT Composite	-0.14	0.0457	111	0.27	0.0147	1794	-0.18	0.0052	8109	-0.12	0.0068	4737	-0.04	0.0140	1379	0.07	0.0046	12486
ACT English	-0.11	0.0570	111	0.38	0.0176	1797	-0.14	0.0061	8152	-0.12	0.0079	4752	-0.00	0.0158	1384	0.10	0.0056	12504
ACT Math	-0.20	0.0490	111	0.30	0.0179	1796	-0.22	0.0057	8146	-0.19	0.0075	4748	-0.10	0.0152	1383	0.03	0.0055	12495
ACT Reading	-0.14	0.0547	111	0.16	0.0153	1795	-0.19	0.0066	8138	-0.09	0.0085	4745	-0.04	0.0174	1382	0.05	0.0056	12493
ACT Science	-0.08	0.0498	111	0.15	0.0155	1797	-0.14	0.0067	8141	-0.08	0.0084	4743	-0.04	0.0168	1379	0.06	0.0055	12496

**Effect Size by Subject Grade - Race/Ethnicity Split by Urbanicity - City School - 2021**

	Race/Ethnicity Split by Urbanicity																	
	American Indian/Alaskan Native			Asian/Pacific Islander			Black (not Hispanic)			Hispanic			Two or More			White (not Hispanic)		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.35	0.0351	219	-0.02	0.0122	2718	-0.33	0.0047	14589	-0.24	0.0045	16382	-0.27	0.0089	4415	-0.21	0.0035	29496
Reading Grade 3	-0.19	0.1113	13	0.01	0.0514	151	-0.40	0.0246	722	-0.17	0.0245	783	-0.26	0.0438	253	-0.08	0.0177	1389
Reading Grade 4	-0.30	0.0958	13	-0.01	0.0510	144	-0.57	0.0246	742	-0.37	0.0225	849	-0.35	0.0386	293	-0.21	0.0178	1408
Reading Grade 5	-0.36	0.1596	12	-0.15	0.0426	127	-0.27	0.0190	791	-0.16	0.0180	933	-0.19	0.0323	258	-0.16	0.0141	1434
Reading Grade 6	-0.30	0.1197	14	-0.05	0.0389	166	-0.13	0.0177	790	-0.07	0.0160	923	-0.15	0.0336	248	-0.22	0.0132	1420
Reading Grade 7	.	.	.	-0.03	0.0406	153	-0.20	0.0168	854	-0.10	0.0149	961	-0.15	0.0291	284	-0.28	0.0119	1579
Reading Grade 8	-0.07	0.0997	15	0.02	0.0355	182	-0.13	0.0157	825	-0.08	0.0154	890	-0.19	0.0348	208	-0.26	0.0119	1569
English II	0.03	0.0982	14	0.16	0.0368	98	0.05	0.0162	755	0.11	0.0153	772	0.05	0.0368	188	0.03	0.0122	1529
Science Grade 5	-0.51	0.1406	12	-0.42	0.0488	126	-0.65	0.0216	788	-0.45	0.0209	935	-0.42	0.0401	257	-0.33	0.0166	1434
Science Grade 8	-0.05	0.1386	15	0.03	0.0390	182	-0.40	0.0178	832	-0.22	0.0159	897	-0.26	0.0328	209	-0.29	0.0133	1591
Biology	.	.	.	-0.15	0.0560	112	-0.36	0.0177	743	-0.32	0.0177	758	-0.32	0.0339	210	-0.30	0.0132	1553
Math Grade 5	-0.67	0.2348	12	-0.28	0.0566	124	-0.61	0.0203	782	-0.45	0.0206	930	-0.43	0.0372	257	-0.40	0.0162	1438
Math Grade 6	-0.57	0.1437	14	-0.24	0.0500	164	-0.51	0.0175	788	-0.47	0.0180	918	-0.46	0.0324	247	-0.45	0.0146	1415
Math Grade 7	.	.	.	-0.21	0.0465	153	-0.40	0.0171	862	-0.42	0.0164	963	-0.46	0.0313	284	-0.45	0.0135	1571
Math Grade 8	-0.34	0.1845	11	-0.32	0.0804	82	-0.55	0.0214	729	-0.44	0.0240	737	-0.60	0.0519	153	-0.64	0.0212	897
NC Math 1	-0.42	0.1351	14	-0.20	0.0509	169	-0.44	0.0195	812	-0.41	0.0173	927	-0.51	0.0317	273	-0.43	0.0138	1639
NC Math 3	.	.	.	0.17	0.0471	123	-0.18	0.0209	699	-0.14	0.0215	693	-0.14	0.0456	170	-0.08	0.0160	1453
ACT Composite	.	.	.	0.36	0.0572	117	-0.18	0.0201	554	-0.14	0.0178	640	-0.03	0.0394	158	0.02	0.0137	1525
ACT English	.	.	.	0.48	0.0671	117	-0.17	0.0216	556	-0.14	0.0209	643	0.00	0.0489	159	0.04	0.0159	1528
ACT Math	.	.	.	0.38	0.0693	117	-0.16	0.0220	556	-0.19	0.0193	643	-0.12	0.0424	159	-0.02	0.0148	1525
ACT Reading	.	.	.	0.22	0.0562	117	-0.19	0.0237	554	-0.09	0.0226	640	0.04	0.0482	159	0.05	0.0166	1526
ACT Science	.	.	.	0.26	0.0636	117	-0.11	0.0249	554	-0.09	0.0226	640	-0.04	0.0484	158	0.03	0.0161	1526

**Effect Size by Subject Grade - Race/Ethnicity Split by Urbanicity - Rural - 2021**

	Race/Ethnicity Split by Urbanicity																	
	American Indian/Alaskan Native			Asian/Pacific Islander			Black (not Hispanic)			Hispanic			Two or More			White (not Hispanic)		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.35	0.0046	15811	-0.00	0.0045	16212	-0.32	0.0014	176700	-0.22	0.0014	154529	-0.26	0.0029	40579	-0.21	0.0008	467800
Reading Grade 3	-0.22	0.0232	790	0.03	0.0220	845	-0.36	0.0073	8469	-0.13	0.0076	7513	-0.18	0.0147	2266	-0.07	0.0047	21200
Reading Grade 4	-0.37	0.0218	792	-0.02	0.0224	857	-0.50	0.0070	8813	-0.28	0.0074	7668	-0.30	0.0141	2177	-0.19	0.0045	21711
Reading Grade 5	-0.29	0.0180	831	-0.01	0.0163	876	-0.24	0.0054	9469	-0.14	0.0057	8224	-0.17	0.0115	2296	-0.11	0.0035	22999
Reading Grade 6	-0.19	0.0173	911	-0.01	0.0160	870	-0.17	0.0050	9968	-0.13	0.0052	8674	-0.20	0.0107	2220	-0.23	0.0033	23656
Reading Grade 7	-0.26	0.0172	852	-0.06	0.0148	919	-0.15	0.0047	10100	-0.11	0.0049	9069	-0.22	0.0099	2351	-0.26	0.0030	25383
Reading Grade 8	-0.18	0.0159	906	-0.09	0.0143	882	-0.13	0.0047	9756	-0.10	0.0049	8817	-0.19	0.0100	2256	-0.23	0.0030	25401
English II	0.03	0.0158	809	0.13	0.0136	912	0.05	0.0046	9390	0.12	0.0049	8333	0.05	0.0104	2011	0.03	0.0028	26357
Science Grade 5	-0.67	0.0239	831	-0.18	0.0206	874	-0.70	0.0064	9440	-0.44	0.0069	8231	-0.44	0.0135	2300	-0.25	0.0042	22983
Science Grade 8	-0.38	0.0188	913	-0.03	0.0175	882	-0.35	0.0052	9813	-0.21	0.0054	8869	-0.24	0.0113	2283	-0.21	0.0033	25595
Biology	-0.35	0.0168	784	-0.12	0.0172	850	-0.36	0.0053	8731	-0.27	0.0059	7282	-0.30	0.0117	1865	-0.27	0.0032	24830
Math Grade 5	-0.77	0.0204	828	-0.09	0.0207	876	-0.65	0.0060	9445	-0.43	0.0066	8232	-0.50	0.0134	2297	-0.34	0.0041	22994
Math Grade 6	-0.59	0.0181	912	-0.05	0.0204	868	-0.54	0.0054	9956	-0.45	0.0059	8677	-0.47	0.0115	2220	-0.39	0.0036	23631
Math Grade 7	-0.49	0.0185	847	-0.05	0.0194	922	-0.40	0.0052	10093	-0.35	0.0056	9079	-0.42	0.0111	2348	-0.36	0.0034	25338
Math Grade 8	-0.62	0.0219	835	-0.19	0.0355	399	-0.53	0.0066	8297	-0.45	0.0075	7129	-0.53	0.0151	1761	-0.49	0.0049	17444
NC Math 1	-0.46	0.0161	874	-0.03	0.0201	895	-0.39	0.0050	10350	-0.37	0.0057	8941	-0.37	0.0115	2268	-0.35	0.0033	26406
NC Math 3	-0.21	0.0200	721	0.19	0.0196	831	-0.13	0.0060	8043	-0.08	0.0069	6772	-0.11	0.0137	1697	-0.07	0.0038	24070
ACT Composite	-0.20	0.0188	618	0.16	0.0201	697	-0.17	0.0055	6910	-0.12	0.0057	5950	-0.11	0.0119	1530	-0.09	0.0032	22363
ACT English	-0.19	0.0212	619	0.24	0.0249	697	-0.15	0.0060	6928	-0.13	0.0064	5960	-0.10	0.0138	1535	-0.07	0.0037	22384
ACT Math	-0.23	0.0209	620	0.12	0.0252	697	-0.16	0.0061	6928	-0.15	0.0062	5962	-0.14	0.0133	1532	-0.12	0.0035	22376
ACT Reading	-0.16	0.0220	620	0.13	0.0221	697	-0.20	0.0067	6922	-0.09	0.0071	5961	-0.09	0.0151	1532	-0.07	0.0040	22375
ACT Science	-0.15	0.0232	619	0.09	0.0219	697	-0.11	0.0070	6922	-0.08	0.0074	5958	-0.08	0.0148	1531	-0.08	0.0039	22374

**Effect Size by Subject Grade - Race/Ethnicity Split by Urbanicity - Suburb - 2021**

Assessment	Race/Ethnicity Split by Urbanicity																	
	American Indian/Alaskan Native			Asian/Pacific Islander			Black (not Hispanic)			Hispanic			Two or More			White (not Hispanic)		
	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.21	0.0310	296	-0.04	0.0117	2428	-0.26	0.0047	14221	-0.18	0.0039	19749	-0.24	0.0074	6121	-0.19	0.0020	81881
Reading Grade 3	0.08	0.1372	11	-0.10	0.0643	100	-0.31	0.0257	683	-0.12	0.0226	915	-0.24	0.0396	302	-0.07	0.0109	3708
Reading Grade 4	0.08	0.1893	11	-0.08	0.0726	90	-0.44	0.0236	732	-0.22	0.0208	962	-0.36	0.0411	292	-0.19	0.0111	3619
Reading Grade 5	-0.15	0.1074	17	-0.09	0.0402	143	-0.21	0.0202	747	-0.14	0.0162	1034	-0.16	0.0330	286	-0.13	0.0083	4150
Reading Grade 6	-0.35	0.1487	12	-0.04	0.0418	130	-0.13	0.0159	851	-0.11	0.0155	1047	-0.20	0.0289	344	-0.20	0.0077	4163
Reading Grade 7	-0.10	0.1658	11	-0.02	0.0350	129	-0.12	0.0170	845	-0.05	0.0136	1194	-0.19	0.0268	336	-0.24	0.0071	4460
Reading Grade 8	-0.03	0.0948	27	-0.11	0.0342	154	-0.14	0.0159	816	-0.06	0.0130	1168	-0.17	0.0258	346	-0.20	0.0069	4421
English II	-0.02	0.1133	13	0.23	0.0424	103	0.06	0.0169	729	0.15	0.0133	1040	0.05	0.0263	314	0.06	0.0069	4499
Science Grade 5	-0.46	0.1331	17	-0.35	0.0566	144	-0.61	0.0235	759	-0.43	0.0195	1036	-0.40	0.0403	289	-0.31	0.0097	4149
Science Grade 8	-0.06	0.0950	27	-0.05	0.0443	153	-0.28	0.0167	824	-0.14	0.0151	1174	-0.21	0.0282	349	-0.17	0.0077	4456
Biology	-0.53	0.0932	14	-0.08	0.0467	109	-0.29	0.0192	663	-0.24	0.0169	963	-0.26	0.0267	314	-0.25	0.0074	4299
Math Grade 5	-0.52	0.1061	17	-0.23	0.0517	143	-0.52	0.0216	760	-0.42	0.0183	1037	-0.47	0.0359	289	-0.38	0.0096	4152
Math Grade 6	-0.29	0.1546	11	-0.08	0.0542	130	-0.39	0.0170	848	-0.35	0.0167	1049	-0.45	0.0290	345	-0.37	0.0085	4168
Math Grade 7	-0.20	0.1797	11	0.01	0.0512	128	-0.27	0.0172	844	-0.22	0.0153	1193	-0.34	0.0290	338	-0.33	0.0080	4453
Math Grade 8	-0.03	0.1812	18	-0.04	0.0686	71	-0.43	0.0232	717	-0.34	0.0201	1021	-0.47	0.0368	290	-0.41	0.0115	3160
NC Math 1	-0.38	0.1176	19	-0.11	0.0429	156	-0.29	0.0188	783	-0.24	0.0160	1111	-0.33	0.0302	337	-0.28	0.0076	4728
NC Math 3	-0.19	0.1761	12	0.21	0.0627	101	-0.09	0.0219	610	-0.00	0.0197	890	-0.00	0.0359	282	0.01	0.0090	4143
ACT Composite	-0.26	0.1265	12	0.10	0.0531	109	-0.14	0.0210	521	-0.15	0.0153	760	-0.10	0.0287	270	-0.08	0.0078	3856
ACT English	-0.50	0.1131	12	0.18	0.0571	109	-0.11	0.0245	526	-0.15	0.0177	762	-0.08	0.0350	270	-0.03	0.0093	3860
ACT Math	-0.17	0.1189	12	0.07	0.0570	109	-0.19	0.0228	522	-0.22	0.0172	761	-0.14	0.0301	270	-0.14	0.0088	3860
ACT Reading	-0.16	0.1823	12	0.07	0.0574	109	-0.12	0.0251	526	-0.10	0.0198	761	-0.04	0.0349	270	-0.06	0.0095	3860
ACT Science	-0.12	0.1458	12	0.06	0.0665	109	-0.14	0.0271	525	-0.10	0.0199	761	-0.09	0.0356	270	-0.07	0.0096	3860



**Effect Size by Subject Grade - Race/Ethnicity Split by Urbanicity - Town - 2021**

	Race/Ethnicity Split by Urbanicity																	
	American Indian/Alaskan Native			Asian/Pacific Islander			Black (not Hispanic)			Hispanic			Two or More			White (not Hispanic)		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.32	0.0111	2692	-0.12	0.0142	1624	-0.35	0.0036	26490	-0.26	0.0045	16355	-0.32	0.0076	5939	-0.25	0.0026	51280
Reading Grade 3	-0.11	0.0567	132	0.10	0.0696	81	-0.33	0.0189	1318	-0.15	0.0227	838	-0.21	0.0382	351	-0.14	0.0151	2131
Reading Grade 4	-0.37	0.0527	158	-0.02	0.0705	80	-0.51	0.0184	1269	-0.30	0.0233	857	-0.40	0.0357	351	-0.25	0.0140	2398
Reading Grade 5	-0.19	0.0461	121	-0.09	0.0471	102	-0.24	0.0138	1453	-0.15	0.0166	960	-0.19	0.0304	315	-0.14	0.0103	2599
Reading Grade 6	-0.09	0.0402	157	-0.01	0.0518	84	-0.14	0.0130	1534	-0.11	0.0159	892	-0.15	0.0270	344	-0.22	0.0097	2619
Reading Grade 7	-0.24	0.0390	158	0.01	0.0431	90	-0.17	0.0120	1588	-0.15	0.0152	951	-0.23	0.0268	360	-0.27	0.0090	2896
Reading Grade 8	-0.16	0.0360	187	-0.11	0.0555	84	-0.16	0.0123	1535	-0.12	0.0148	962	-0.24	0.0262	315	-0.24	0.0088	2857
English II	-0.03	0.0398	140	0.18	0.0461	83	0.01	0.0122	1360	0.12	0.0158	849	0.04	0.0291	300	0.00	0.0086	2888
Science Grade 5	-0.48	0.0612	118	-0.30	0.0616	102	-0.67	0.0162	1446	-0.44	0.0210	954	-0.46	0.0375	316	-0.28	0.0132	2591
Science Grade 8	-0.29	0.0360	187	-0.16	0.0501	84	-0.38	0.0134	1547	-0.26	0.0166	967	-0.34	0.0284	321	-0.30	0.0100	2883
Biology	-0.43	0.0465	122	-0.27	0.0507	85	-0.43	0.0137	1208	-0.34	0.0182	781	-0.38	0.0291	288	-0.37	0.0093	2728
Math Grade 5	-0.64	0.0537	121	-0.38	0.0617	102	-0.67	0.0154	1450	-0.53	0.0194	956	-0.68	0.0344	316	-0.40	0.0125	2594
Math Grade 6	-0.53	0.0433	156	-0.35	0.0616	83	-0.54	0.0141	1541	-0.49	0.0187	888	-0.50	0.0283	346	-0.49	0.0104	2616
Math Grade 7	-0.51	0.0372	158	-0.29	0.0578	89	-0.48	0.0128	1591	-0.48	0.0169	956	-0.52	0.0274	360	-0.48	0.0094	2889
Math Grade 8	-0.56	0.0623	111	-0.35	0.0998	45	-0.59	0.0179	1177	-0.56	0.0250	680	-0.61	0.0384	204	-0.64	0.0146	1804
NC Math 1	-0.60	0.0505	139	-0.36	0.0573	80	-0.46	0.0133	1461	-0.41	0.0168	952	-0.52	0.0293	352	-0.46	0.0099	2861
NC Math 3	-0.14	0.0512	143	0.07	0.0581	70	-0.16	0.0170	1226	-0.08	0.0221	768	-0.19	0.0363	287	-0.16	0.0113	2648
ACT Composite	-0.28	0.0471	105	0.02	0.0610	70	-0.22	0.0151	1002	-0.15	0.0190	582	-0.15	0.0298	220	-0.08	0.0101	2383
ACT English	-0.29	0.0479	106	0.14	0.0763	70	-0.18	0.0164	1003	-0.13	0.0214	583	-0.10	0.0332	220	-0.03	0.0121	2388
ACT Math	-0.26	0.0518	106	-0.12	0.0714	70	-0.24	0.0159	1002	-0.19	0.0203	583	-0.22	0.0323	220	-0.09	0.0109	2385
ACT Reading	-0.26	0.0548	105	0.10	0.0663	70	-0.22	0.0181	1003	-0.09	0.0225	582	-0.14	0.0382	220	-0.09	0.0123	2385
ACT Science	-0.21	0.0586	105	-0.06	0.0702	70	-0.19	0.0193	1002	-0.16	0.0244	582	-0.11	0.0384	220	-0.07	0.0121	2385

### Effect Size by Subject Grade - Race/Ethnicity Split by Urbanicity - City - 2018

	Race/Ethnicity Split by Urbanicity																	
	American Indian/Alaskan Native			Asian/Pacific Islander			Black (not Hispanic)			Hispanic			Two or More			White (not Hispanic)		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.03	0.0094	3174	0.14	0.0026	40939	-0.06	0.0010	261481	-0.01	0.0014	146657	0.01	0.0029	33608	0.06	0.0009	300704
Reading Grade 3	-0.05	0.0477	172	0.18	0.0117	2500	-0.17	0.0053	14202	-0.03	0.0065	8865	0.06	0.0155	1678	0.16	0.0048	15925
Reading Grade 4	0.00	0.0371	196	0.00	0.0096	2421	-0.06	0.0042	14821	-0.04	0.0052	9210	0.01	0.0118	1908	0.02	0.0039	16472
Reading Grade 5	-0.03	0.0427	136	-0.02	0.0094	2347	-0.10	0.0041	14018	-0.04	0.0050	9035	-0.04	0.0111	1784	-0.03	0.0038	15699
Reading Grade 6	-0.10	0.0480	153	0.09	0.0088	2397	-0.05	0.0040	14278	-0.00	0.0050	8787	-0.02	0.0114	1766	0.03	0.0036	15966
Reading Grade 7	0.05	0.0367	173	0.10	0.0098	2046	0.04	0.0041	13442	0.09	0.0053	7777	0.06	0.0120	1593	0.05	0.0038	15229
Reading Grade 8	0.05	0.0431	173	0.07	0.0098	1959	0.04	0.0044	12310	0.08	0.0057	7000	0.06	0.0116	1751	0.06	0.0039	14654
English II	0.01	0.0326	185	0.10	0.0090	2069	0.01	0.0040	13592	0.07	0.0057	6787	0.03	0.0108	1763	0.02	0.0037	15514
Science Grade 5	0.02	0.0529	132	0.08	0.0115	2330	-0.04	0.0052	13836	0.01	0.0064	8969	0.01	0.0139	1757	0.02	0.0045	15590
Science Grade 8	0.05	0.0394	172	0.15	0.0110	1961	-0.05	0.0047	12352	0.02	0.0063	7016	0.03	0.0124	1761	0.05	0.0041	14704
Biology	0.09	0.0404	186	0.17	0.0102	2203	0.09	0.0046	13837	0.11	0.0065	6853	0.12	0.0124	1767	0.13	0.0039	15893
Math Grade 5	-0.02	0.0453	135	0.18	0.0094	2347	-0.06	0.0043	13998	0.04	0.0054	9020	-0.02	0.0125	1780	0.04	0.0039	15689
Math Grade 6	-0.05	0.0411	153	0.27	0.0093	2397	-0.07	0.0042	14257	0.00	0.0055	8772	-0.01	0.0117	1765	0.09	0.0038	15957
Math Grade 7	-0.01	0.0363	172	0.16	0.0099	2045	0.02	0.0041	13415	0.05	0.0055	7766	0.00	0.0115	1594	0.06	0.0036	15227
Math Grade 8	-0.12	0.0424	127	0.15	0.0236	554	-0.05	0.0054	10020	-0.02	0.0075	5367	-0.02	0.0160	1059	0.05	0.0068	6481
NC Math 1	-0.04	0.0411	199	0.20	0.0105	2239	-0.01	0.0043	14482	0.02	0.0060	7840	0.00	0.0113	1989	0.05	0.0039	16182
ACT Composite	-0.11	0.0358	142	0.21	0.0129	1823	-0.14	0.0042	11631	-0.13	0.0061	5498	-0.04	0.0120	1572	0.09	0.0040	15078
ACT English	-0.12	0.0401	142	0.24	0.0160	1826	-0.15	0.0049	11775	-0.18	0.0071	5528	-0.05	0.0139	1582	0.09	0.0047	15122
ACT Math	-0.11	0.0410	142	0.30	0.0158	1825	-0.11	0.0047	11758	-0.13	0.0069	5524	-0.00	0.0136	1582	0.12	0.0047	15116
ACT Reading	-0.06	0.0444	142	0.12	0.0136	1824	-0.09	0.0050	11741	-0.08	0.0074	5523	-0.03	0.0144	1581	0.06	0.0048	15103
ACT Science	-0.10	0.0459	142	0.12	0.0143	1826	-0.18	0.0055	11716	-0.13	0.0076	5520	-0.06	0.0150	1576	0.09	0.0049	15103

**Effect Size by Subject Grade - Race/Ethnicity Split by Urbanicity - City School - 2018**

	Race/Ethnicity Split by Urbanicity																	
	American Indian/Alaskan Native			Asian/Pacific Islander			Black (not Hispanic)			Hispanic			Two or More			White (not Hispanic)		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	0.06	0.0328	299	0.15	0.0090	3457	-0.05	0.0040	16529	0.01	0.0039	16769	0.02	0.0081	4467	0.06	0.0028	35938
Reading Grade 3	-0.23	0.1173	19	0.20	0.0449	190	-0.22	0.0197	904	-0.09	0.0194	929	0.05	0.0382	278	0.12	0.0151	1728
Reading Grade 4	.	.	.	0.01	0.0351	167	-0.08	0.0173	902	-0.04	0.0158	1024	-0.07	0.0305	296	-0.01	0.0118	1845
Reading Grade 5	0.06	0.1725	17	-0.11	0.0316	177	-0.15	0.0157	885	-0.03	0.0159	957	-0.10	0.0323	248	-0.04	0.0113	1873
Reading Grade 6	-0.20	0.1594	12	0.04	0.0293	193	-0.03	0.0164	832	0.04	0.0146	950	0.05	0.0290	252	0.01	0.0104	1814
Reading Grade 7	-0.05	0.0846	21	0.06	0.0361	177	0.05	0.0168	808	0.09	0.0161	847	0.08	0.0311	209	0.03	0.0113	1803
Reading Grade 8	0.19	0.1511	13	0.05	0.0335	158	-0.00	0.0186	709	0.07	0.0170	801	-0.02	0.0366	184	0.00	0.0121	1693
English II	0.17	0.0814	18	0.08	0.0301	178	-0.05	0.0159	938	0.05	0.0156	841	0.02	0.0311	237	0.02	0.0100	1940
Science Grade 5	0.09	0.1195	17	0.04	0.0482	175	-0.05	0.0203	875	0.03	0.0197	955	0.03	0.0393	244	0.07	0.0136	1854
Science Grade 8	0.13	0.1507	13	0.14	0.0400	157	-0.08	0.0196	711	0.04	0.0179	804	0.04	0.0439	182	0.04	0.0125	1696
Biology	0.08	0.1662	13	0.06	0.0359	183	-0.01	0.0156	1035	0.07	0.0174	898	-0.00	0.0297	262	0.06	0.0111	2010
Math Grade 5	0.30	0.1523	17	0.25	0.0353	177	-0.04	0.0170	881	0.10	0.0165	956	0.01	0.0348	248	0.06	0.0116	1871
Math Grade 6	-0.04	0.1448	12	0.06	0.0304	192	-0.09	0.0179	831	-0.01	0.0145	949	-0.03	0.0290	253	0.01	0.0111	1814
Math Grade 7	0.17	0.1716	21	0.06	0.0309	176	-0.01	0.0174	803	0.02	0.0168	843	0.00	0.0307	209	0.00	0.0107	1803
Math Grade 8	.	.	.	0.27	0.0696	63	-0.05	0.0209	626	0.07	0.0213	620	0.02	0.0453	127	0.06	0.0168	976
NC Math 1	-0.01	0.1155	19	0.30	0.0354	179	-0.05	0.0160	968	0.00	0.0159	960	0.06	0.0341	217	0.08	0.0115	1940
ACT Composite	0.10	0.1428	14	0.34	0.0394	183	-0.02	0.0156	763	-0.03	0.0156	687	0.10	0.0369	203	0.14	0.0116	1855
ACT English	-0.02	0.1671	14	0.39	0.0442	183	-0.06	0.0188	765	-0.09	0.0185	687	0.09	0.0440	204	0.17	0.0138	1857
ACT Math	0.12	0.1362	14	0.41	0.0531	183	-0.02	0.0179	765	-0.04	0.0163	687	0.05	0.0428	205	0.12	0.0136	1856
ACT Reading	0.21	0.1700	14	0.21	0.0395	183	0.05	0.0186	765	0.04	0.0195	687	0.10	0.0403	205	0.11	0.0133	1855
ACT Science	-0.01	0.1833	14	0.22	0.0442	183	-0.02	0.0196	763	-0.03	0.0202	687	0.05	0.0454	204	0.13	0.0138	1855

**Effect Size by Subject Grade - Race/Ethnicity Split by Urbanicity - Rural - 2018**

	Race/Ethnicity Split by Urbanicity																	
	American Indian/Alaskan Native			Asian/Pacific Islander			Black (not Hispanic)			Hispanic			Two or More			White (not Hispanic)		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.01	0.0041	17032	0.13	0.0040	14934	-0.06	0.0012	189405	0.01	0.0013	145531	-0.00	0.0027	36444	0.02	0.0007	530227
Reading Grade 3	-0.05	0.0199	1002	0.16	0.0202	818	-0.21	0.0062	10037	-0.06	0.0066	8358	0.01	0.0139	2011	0.08	0.0040	25146
Reading Grade 4	-0.02	0.0173	896	0.05	0.0166	863	-0.08	0.0050	10387	-0.04	0.0053	8535	-0.01	0.0109	2262	0.00	0.0031	27014
Reading Grade 5	-0.10	0.0158	997	0.01	0.0161	801	-0.11	0.0050	10123	-0.02	0.0052	8496	-0.04	0.0108	2131	-0.03	0.0030	26662
Reading Grade 6	-0.05	0.0161	863	0.11	0.0147	887	-0.07	0.0047	10049	0.02	0.0049	8376	-0.03	0.0104	2125	-0.00	0.0029	27361
Reading Grade 7	0.07	0.0174	838	0.13	0.0156	800	0.05	0.0049	9333	0.12	0.0052	7864	0.07	0.0109	1956	0.07	0.0029	27076
Reading Grade 8	-0.05	0.0181	759	0.11	0.0167	718	0.02	0.0051	8855	0.07	0.0056	6836	0.03	0.0115	1804	0.02	0.0030	26040
English II	0.01	0.0164	910	0.08	0.0152	743	-0.07	0.0047	10166	0.03	0.0054	7343	-0.02	0.0114	1795	-0.03	0.0028	28589
Science Grade 5	0.17	0.0213	988	0.12	0.0206	792	-0.10	0.0060	10018	-0.01	0.0064	8438	0.01	0.0130	2099	0.03	0.0035	26415
Science Grade 8	0.07	0.0195	764	0.19	0.0180	717	-0.01	0.0057	8877	0.08	0.0064	6847	0.08	0.0124	1808	0.08	0.0032	26152
Biology	0.20	0.0208	860	0.16	0.0173	765	0.04	0.0056	9741	0.13	0.0066	6839	0.10	0.0134	1644	0.10	0.0030	27957
Math Grade 5	-0.13	0.0169	997	0.16	0.0162	801	-0.06	0.0051	10101	0.06	0.0056	8479	-0.04	0.0114	2123	0.00	0.0031	26634
Math Grade 6	0.06	0.0172	863	0.26	0.0156	888	-0.10	0.0050	10033	-0.00	0.0054	8373	-0.05	0.0111	2119	-0.00	0.0030	27346
Math Grade 7	0.01	0.0166	833	0.17	0.0153	801	-0.01	0.0050	9310	0.07	0.0054	7849	0.03	0.0108	1950	0.04	0.0028	27057
Math Grade 8	-0.08	0.0208	658	0.29	0.0253	381	-0.01	0.0062	7760	0.04	0.0072	5733	0.01	0.0138	1445	0.05	0.0039	18578
NC Math 1	0.01	0.0173	1014	0.22	0.0167	816	-0.02	0.0049	10506	0.02	0.0058	7618	0.01	0.0114	1977	0.04	0.0029	29489
ACT Composite	-0.09	0.0147	758	0.06	0.0174	668	-0.08	0.0044	8799	-0.09	0.0052	5902	-0.06	0.0114	1435	-0.03	0.0027	26521
ACT English	-0.09	0.0167	758	0.04	0.0226	669	-0.10	0.0051	8835	-0.12	0.0062	5910	-0.06	0.0132	1442	-0.03	0.0032	26559
ACT Math	-0.10	0.0165	758	0.11	0.0218	669	-0.04	0.0050	8833	-0.07	0.0060	5913	-0.03	0.0133	1442	0.00	0.0031	26555
ACT Reading	-0.05	0.0183	758	0.04	0.0201	668	-0.03	0.0053	8828	-0.04	0.0065	5912	-0.04	0.0139	1441	-0.04	0.0033	26544
ACT Science	-0.08	0.0196	758	0.05	0.0201	669	-0.12	0.0057	8814	-0.09	0.0068	5910	-0.07	0.0148	1435	-0.03	0.0034	26532

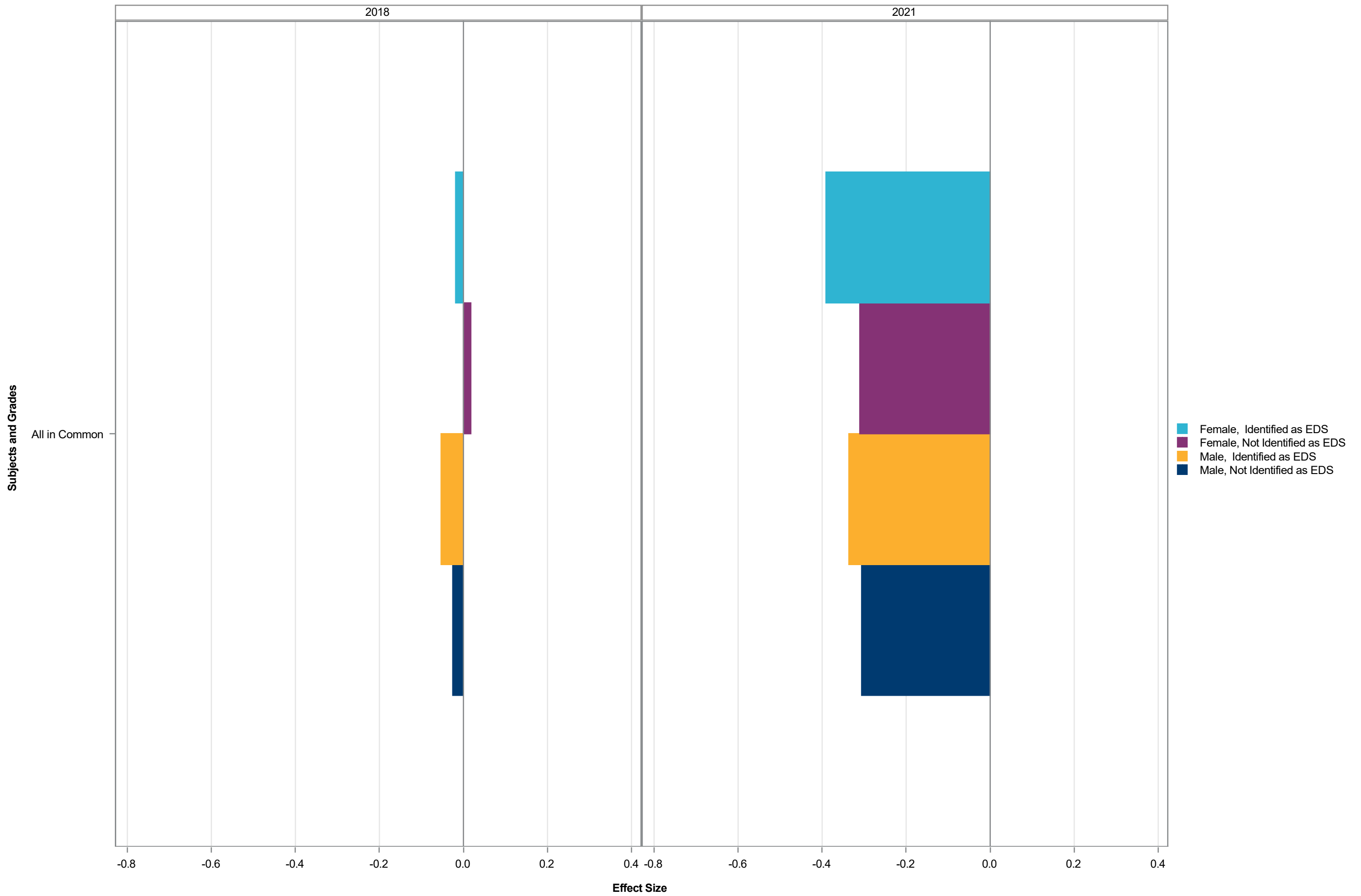
**Effect Size by Subject Grade - Race/Ethnicity Split by Urbanicity - Suburb - 2018**

	Race/Ethnicity Split by Urbanicity																	
	American Indian/Alaskan Native			Asian/Pacific Islander			Black (not Hispanic)			Hispanic			Two or More			White (not Hispanic)		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	0.03	0.0271	366	0.09	0.0104	2225	-0.03	0.0044	14808	0.03	0.0038	18355	0.01	0.0067	5930	0.03	0.0017	92673
Reading Grade 3	0.14	0.1625	17	0.04	0.0629	95	-0.18	0.0218	814	-0.07	0.0195	983	-0.02	0.0350	285	0.06	0.0096	4082
Reading Grade 4	-0.00	0.1686	17	-0.07	0.0380	150	-0.05	0.0179	868	-0.01	0.0146	1104	-0.01	0.0303	314	0.02	0.0075	4730
Reading Grade 5	0.03	0.0914	29	0.07	0.0365	150	-0.08	0.0179	787	-0.03	0.0153	1094	-0.05	0.0282	329	0.00	0.0072	4707
Reading Grade 6	0.05	0.1855	12	0.02	0.0383	138	-0.09	0.0164	817	0.01	0.0140	1061	-0.06	0.0266	343	0.01	0.0068	4862
Reading Grade 7	0.02	0.1108	14	0.12	0.0407	104	0.05	0.0175	765	0.14	0.0139	979	0.09	0.0274	302	0.10	0.0069	4685
Reading Grade 8	0.30	0.0724	17	0.06	0.0393	121	-0.01	0.0185	705	0.13	0.0162	858	0.04	0.0269	316	0.04	0.0070	4703
English II	0.14	0.1116	20	0.09	0.0375	94	-0.05	0.0169	810	0.04	0.0154	896	-0.03	0.0280	298	-0.01	0.0067	5080
Science Grade 5	0.03	0.0987	29	0.07	0.0434	150	-0.10	0.0221	780	0.01	0.0173	1079	0.00	0.0341	326	0.01	0.0085	4657
Science Grade 8	0.06	0.1075	17	0.13	0.0409	121	-0.02	0.0199	707	0.14	0.0165	862	0.06	0.0262	318	0.10	0.0071	4712
Biology	0.16	0.1675	15	0.24	0.0514	102	0.08	0.0188	817	0.16	0.0177	846	0.10	0.0328	277	0.13	0.0073	4812
Math Grade 5	0.01	0.0885	29	0.14	0.0369	150	0.01	0.0183	785	0.06	0.0148	1094	-0.07	0.0291	329	-0.01	0.0075	4706
Math Grade 6	-0.01	0.1109	12	0.26	0.0415	138	0.08	0.0178	819	0.08	0.0152	1061	0.03	0.0270	341	0.06	0.0071	4860
Math Grade 7	0.02	0.1395	14	0.31	0.0400	104	0.14	0.0175	764	0.18	0.0156	978	0.11	0.0284	299	0.12	0.0070	4676
Math Grade 8	0.20	0.1071	14	0.23	0.0566	58	0.01	0.0220	650	0.11	0.0198	747	0.09	0.0358	265	0.11	0.0091	3410
NC Math 1	-0.03	0.1542	15	0.21	0.0471	130	0.00	0.0190	786	0.08	0.0171	963	0.04	0.0272	347	0.03	0.0072	4970
ACT Composite	-0.09	0.0841	19	-0.02	0.0490	84	-0.10	0.0184	626	-0.12	0.0148	750	-0.03	0.0278	247	-0.02	0.0065	4602
ACT English	-0.13	0.1183	19	-0.09	0.0609	84	-0.14	0.0205	628	-0.17	0.0180	750	-0.05	0.0309	248	-0.03	0.0079	4606
ACT Math	-0.05	0.1174	19	0.07	0.0613	84	-0.05	0.0201	627	-0.11	0.0176	750	0.02	0.0299	249	-0.00	0.0077	4606
ACT Reading	-0.22	0.0999	19	-0.02	0.0546	84	-0.04	0.0213	626	-0.06	0.0177	750	-0.06	0.0339	249	-0.02	0.0080	4604
ACT Science	0.00	0.1515	19	-0.00	0.0557	84	-0.18	0.0241	627	-0.13	0.0187	750	-0.03	0.0358	248	-0.03	0.0083	4603

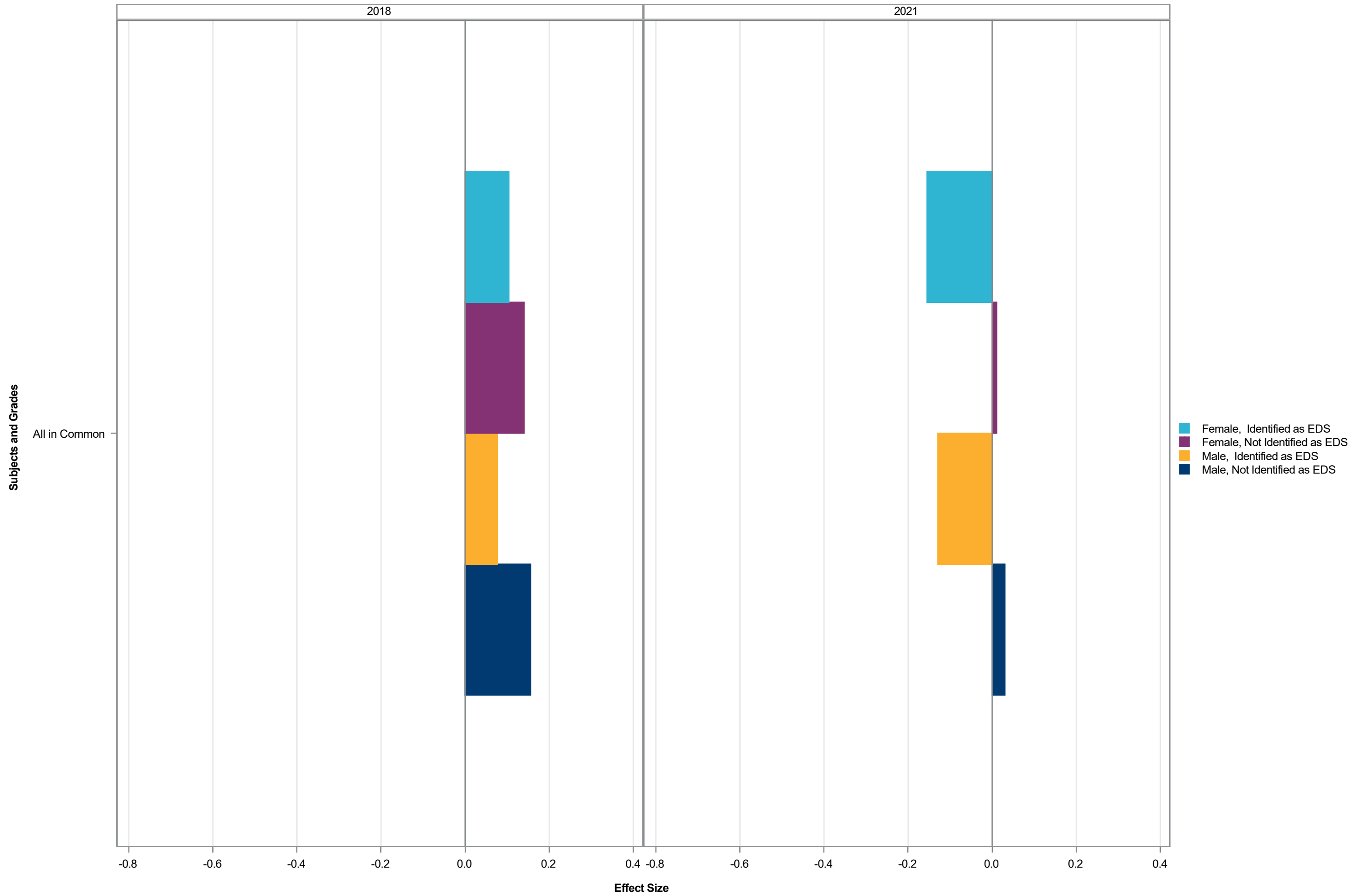
**Effect Size by Subject Grade - Race/Ethnicity Split by Urbanicity - Town - 2018**

	Race/Ethnicity Split by Urbanicity																	
	American Indian/Alaskan Native			Asian/Pacific Islander			Black (not Hispanic)			Hispanic			Two or More			White (not Hispanic)		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.03	0.0093	2921	0.06	0.0119	1660	-0.07	0.0030	29507	0.02	0.0041	15614	-0.03	0.0070	5540	0.00	0.0021	58034
Reading Grade 3	-0.10	0.0492	131	-0.04	0.0688	79	-0.21	0.0162	1487	-0.06	0.0204	848	-0.02	0.0390	270	0.03	0.0124	2622
Reading Grade 4	0.03	0.0487	118	0.03	0.0492	89	-0.06	0.0131	1503	-0.02	0.0156	936	-0.02	0.0290	314	0.01	0.0091	2979
Reading Grade 5	-0.01	0.0451	130	0.00	0.0521	85	-0.06	0.0124	1497	0.02	0.0157	938	-0.05	0.0286	315	-0.03	0.0087	3014
Reading Grade 6	-0.04	0.0351	184	0.06	0.0400	95	-0.07	0.0117	1661	-0.02	0.0146	973	-0.04	0.0254	338	0.01	0.0086	3040
Reading Grade 7	-0.01	0.0386	184	0.12	0.0452	78	0.01	0.0117	1509	0.13	0.0163	797	0.02	0.0287	303	0.04	0.0086	3018
Reading Grade 8	0.07	0.0360	173	0.11	0.0526	78	-0.00	0.0126	1450	0.09	0.0177	710	0.02	0.0281	290	0.01	0.0091	2867
English II	-0.09	0.0356	168	0.06	0.0383	99	-0.09	0.0119	1559	-0.01	0.0165	794	-0.06	0.0281	279	-0.04	0.0082	3247
Science Grade 5	0.08	0.0476	129	-0.03	0.0488	85	-0.02	0.0164	1483	0.11	0.0195	931	0.05	0.0361	303	0.06	0.0108	2981
Science Grade 8	-0.06	0.0347	173	0.05	0.0637	78	-0.06	0.0136	1457	0.09	0.0199	711	0.00	0.0281	290	0.04	0.0098	2870
Biology	0.02	0.0428	137	0.18	0.0518	87	-0.10	0.0133	1549	0.04	0.0220	641	-0.01	0.0330	238	0.02	0.0092	2991
Math Grade 5	-0.07	0.0424	129	0.16	0.0445	84	-0.05	0.0130	1494	0.09	0.0167	938	-0.03	0.0284	315	0.01	0.0091	3009
Math Grade 6	-0.01	0.0367	184	0.07	0.0477	95	-0.05	0.0121	1659	-0.01	0.0164	970	-0.08	0.0277	338	0.00	0.0091	3042
Math Grade 7	-0.01	0.0363	184	0.06	0.0487	78	-0.04	0.0129	1506	0.03	0.0182	794	-0.01	0.0266	303	0.04	0.0090	3014
Math Grade 8	0.08	0.0555	92	-0.09	0.1113	32	-0.05	0.0166	1031	0.05	0.0243	519	-0.04	0.0395	189	-0.04	0.0131	1661
NC Math 1	0.02	0.0388	195	0.06	0.0545	98	0.06	0.0139	1839	0.03	0.0197	903	0.02	0.0293	340	-0.00	0.0093	3360
ACT Composite	-0.09	0.0384	122	0.06	0.0471	84	-0.14	0.0107	1360	-0.05	0.0159	641	-0.08	0.0305	223	-0.02	0.0085	2861
ACT English	-0.12	0.0464	122	0.06	0.0559	84	-0.15	0.0128	1366	-0.08	0.0190	643	-0.11	0.0360	223	0.00	0.0102	2867
ACT Math	-0.10	0.0410	122	-0.03	0.0545	84	-0.12	0.0124	1368	-0.08	0.0187	643	-0.06	0.0317	223	-0.02	0.0094	2865
ACT Reading	-0.06	0.0452	122	0.06	0.0562	84	-0.11	0.0132	1367	0.02	0.0193	642	-0.02	0.0355	223	-0.03	0.0104	2863
ACT Science	-0.09	0.0532	122	0.12	0.0633	84	-0.16	0.0147	1362	-0.05	0.0207	642	-0.11	0.0428	223	-0.02	0.0107	2863

# Effect Size by Subject Grade - Sex and EDS Split by Race/Ethnicity - American Indian/Alaskan Native

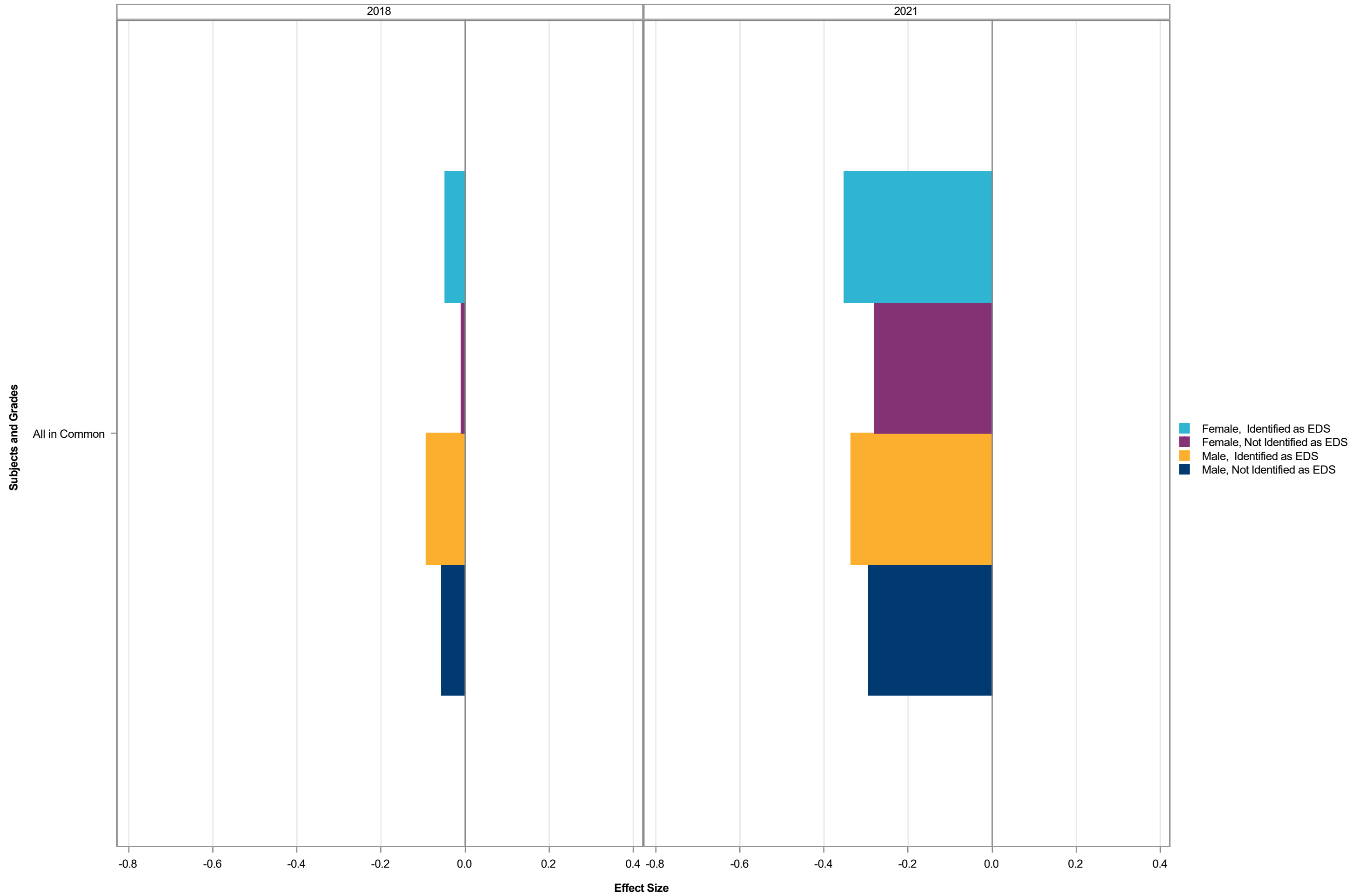


# Effect Size by Subject Grade - Sex and EDS Split by Race/Ethnicity - Asian/Pacific Islander

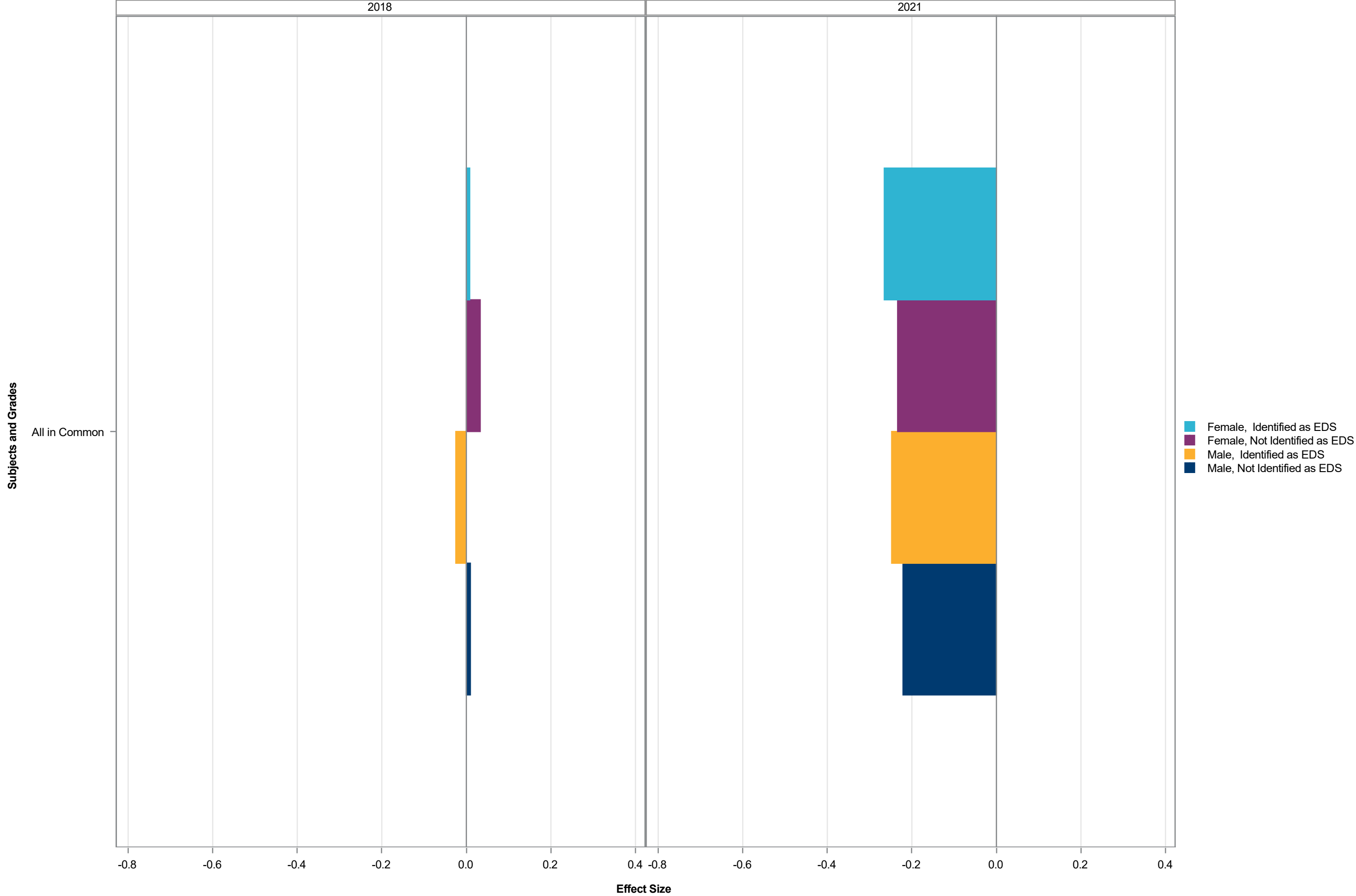




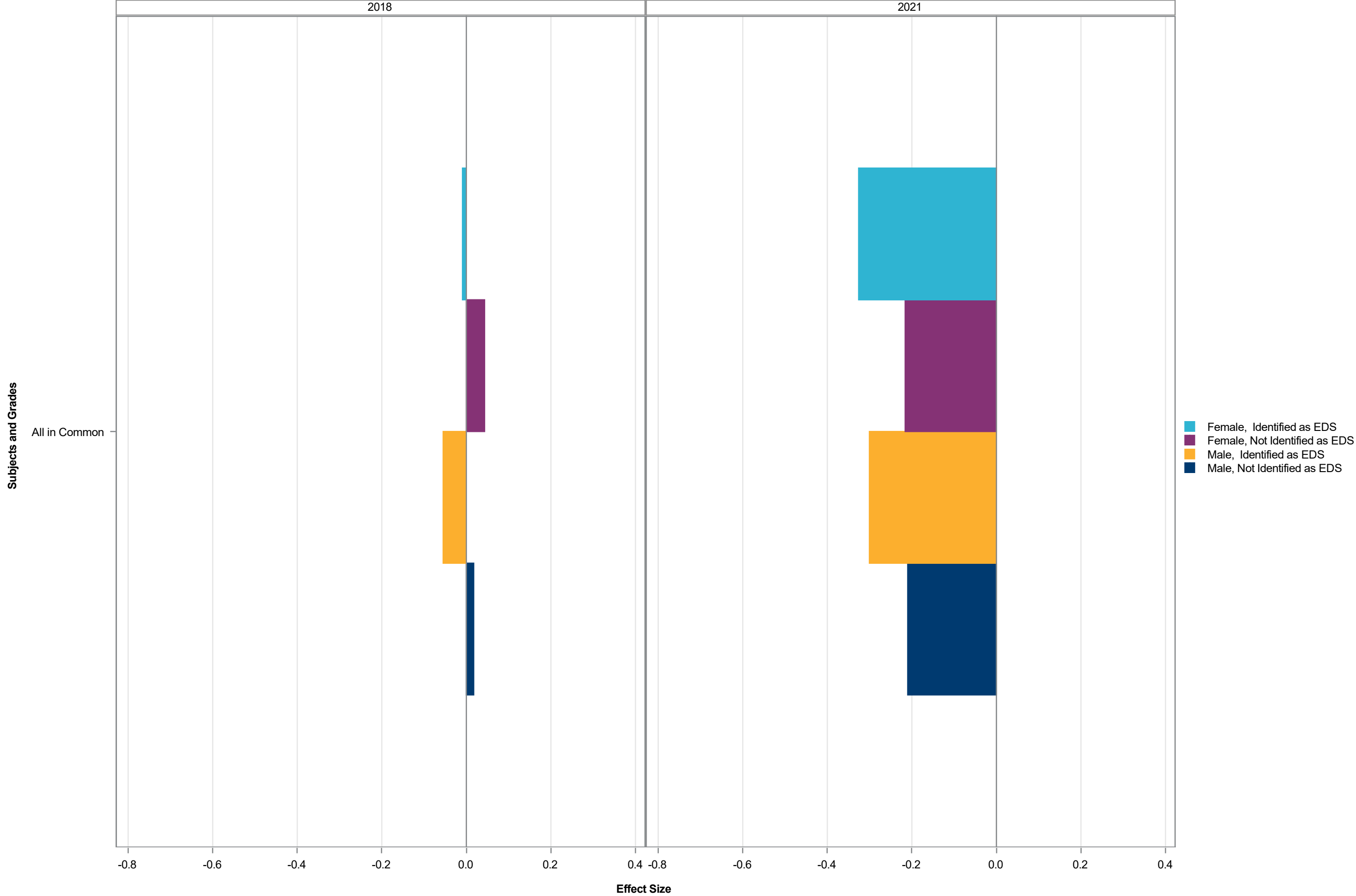
# Effect Size by Subject Grade - Sex and EDS Split by Race/Ethnicity - Black (not Hispanic)



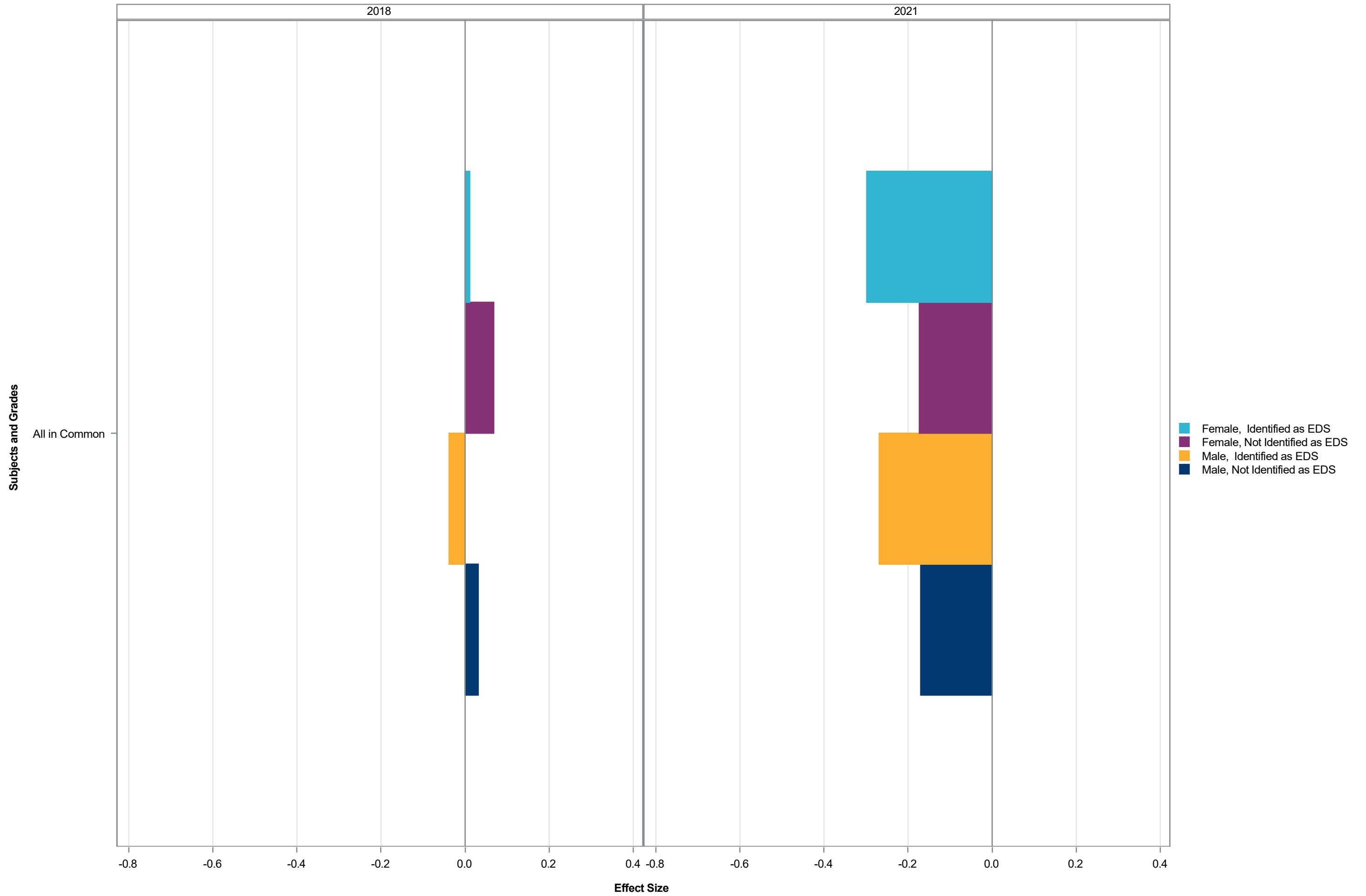
# Effect Size by Subject Grade - Sex and EDS Split by Race/Ethnicity - Hispanic



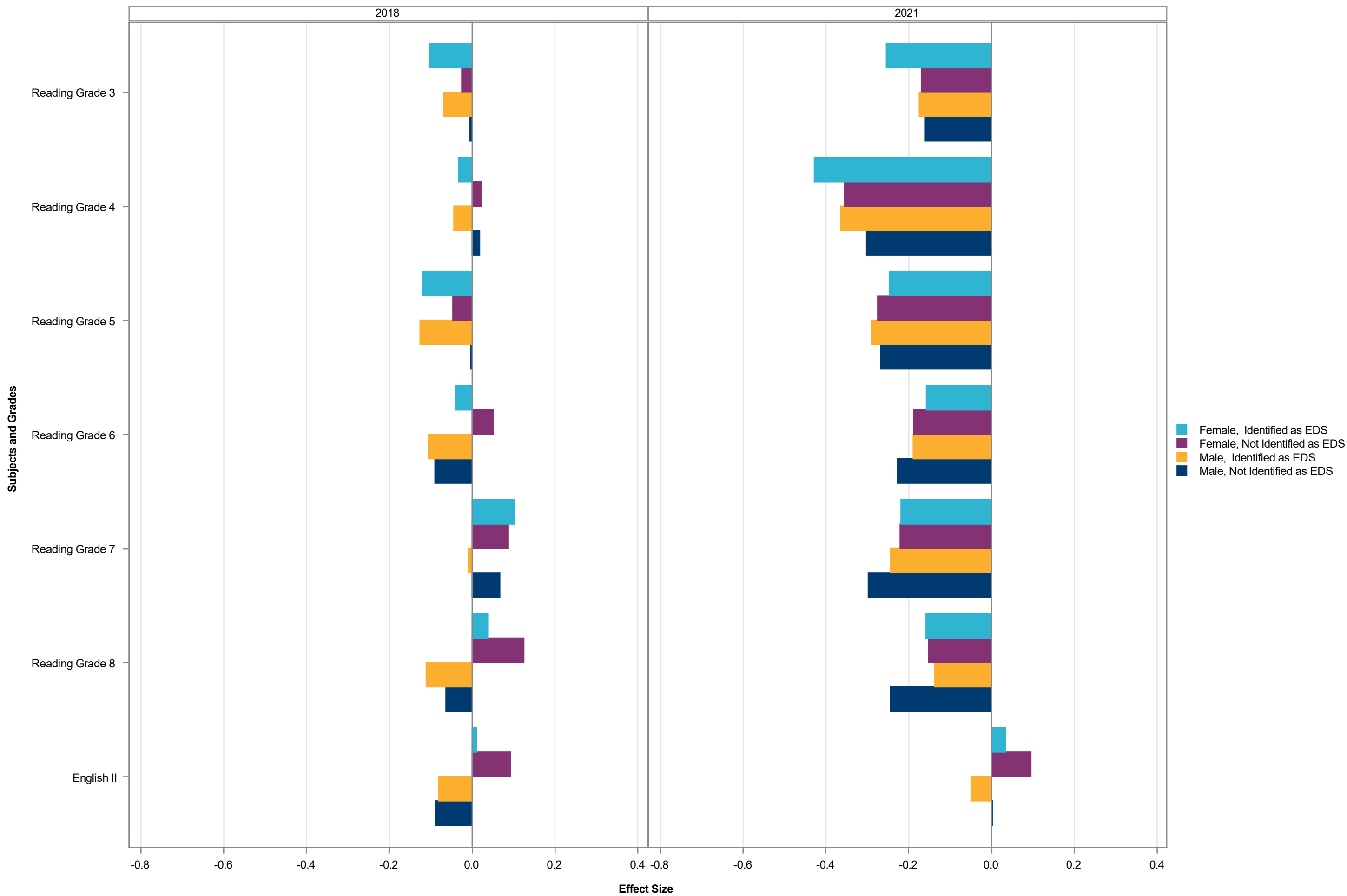
# Effect Size by Subject Grade - Sex and EDS Split by Race/Ethnicity - Two or More



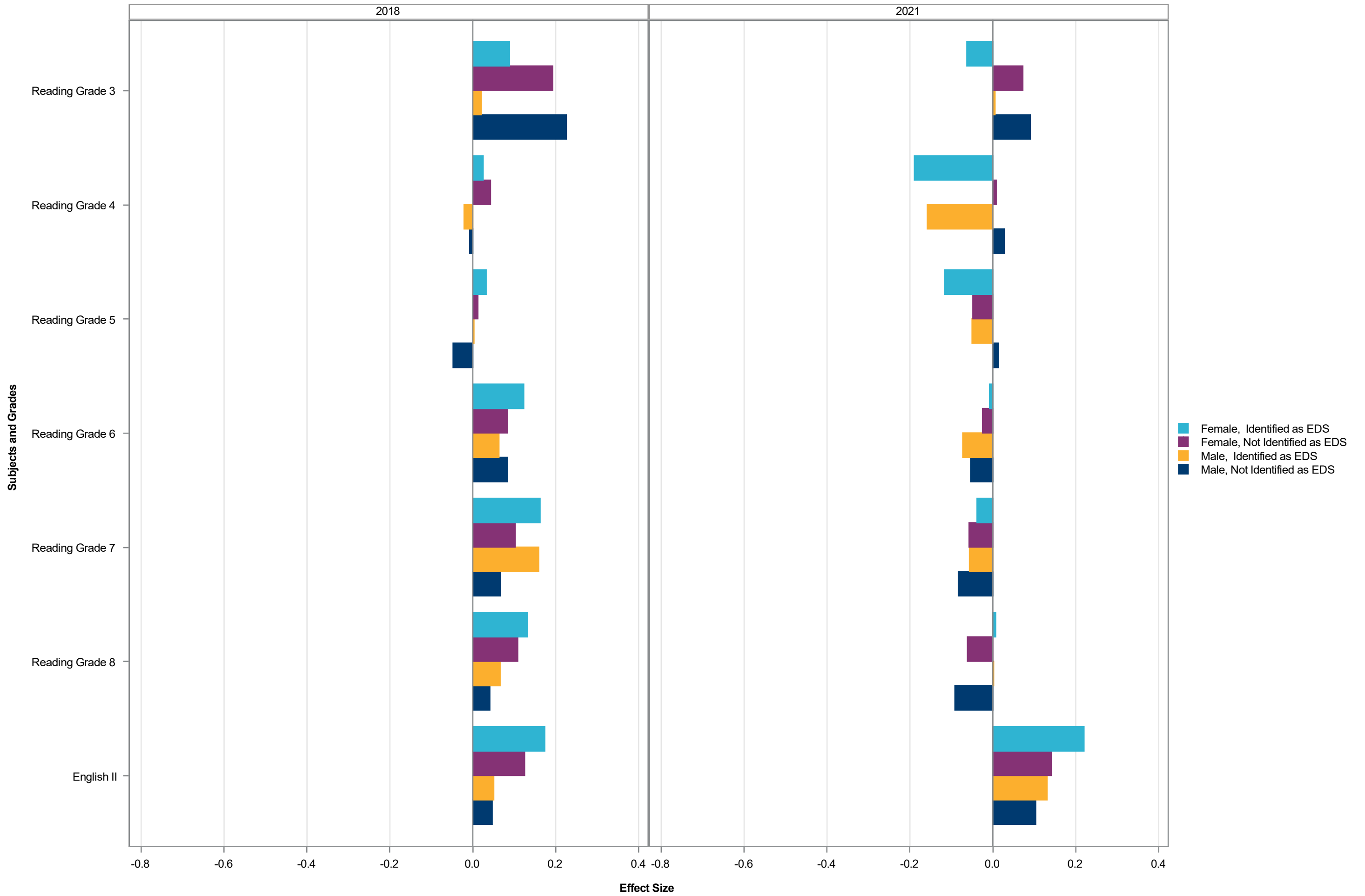
# Effect Size by Subject Grade - Sex and EDS Split by Race/Ethnicity - White (not Hispanic)



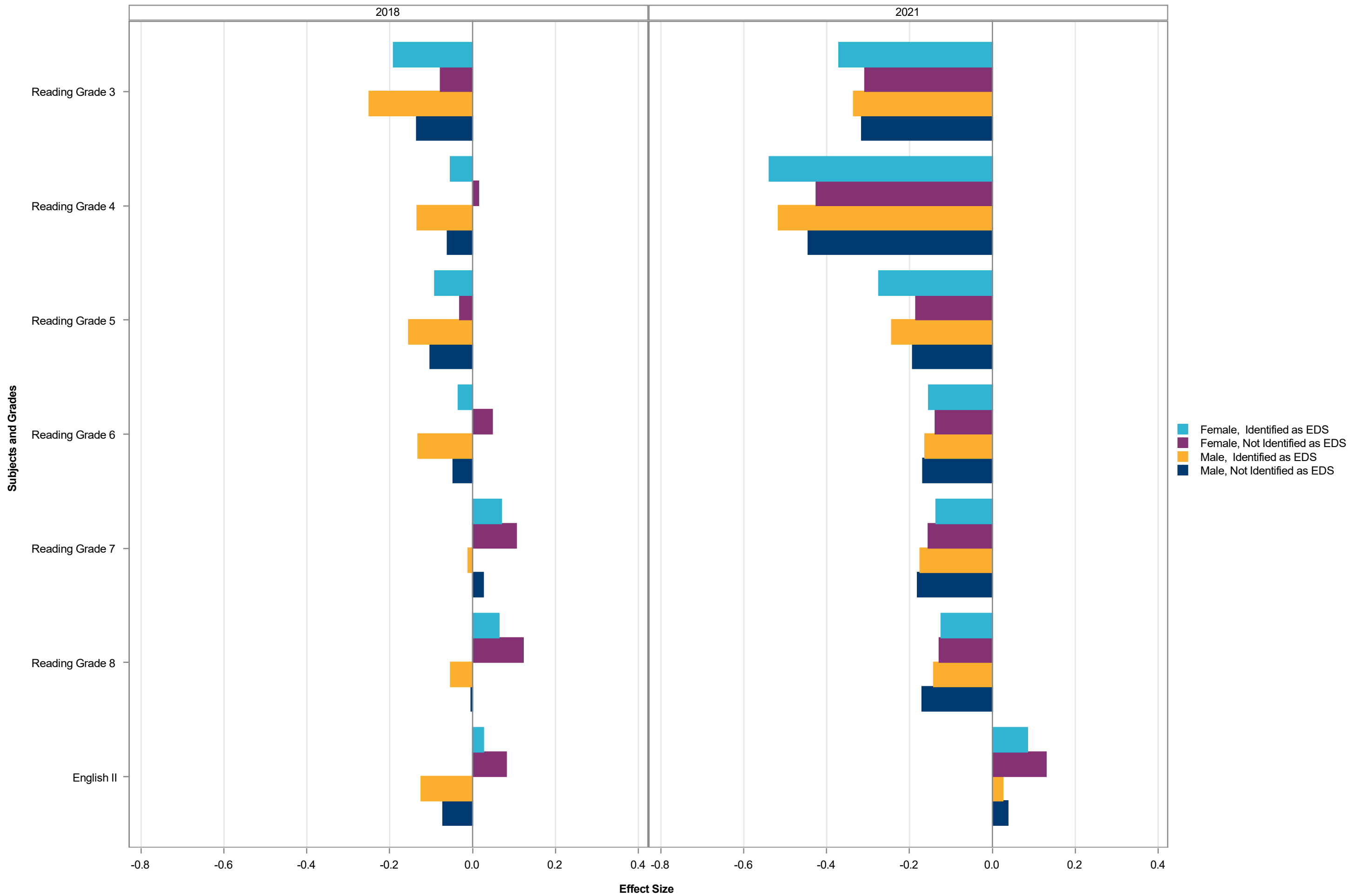
# Effect Size by Subject Grade - Sex and EDS Split by Race/Ethnicity - American Indian/Alaskan Native



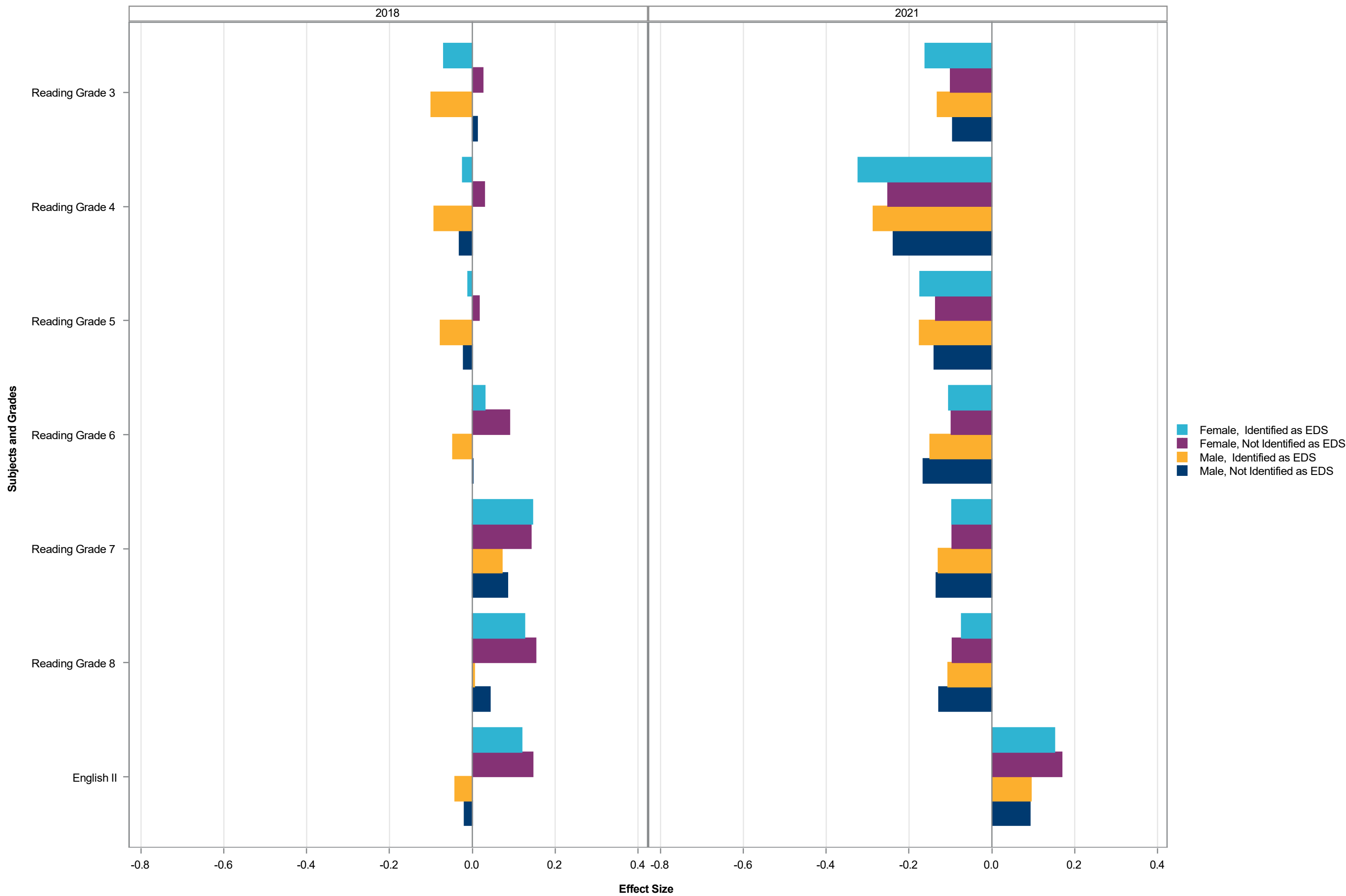
# Effect Size by Subject Grade - Sex and EDS Split by Race/Ethnicity - Asian/Pacific Islander



# Effect Size by Subject Grade - Sex and EDS Split by Race/Ethnicity - Black (not Hispanic)

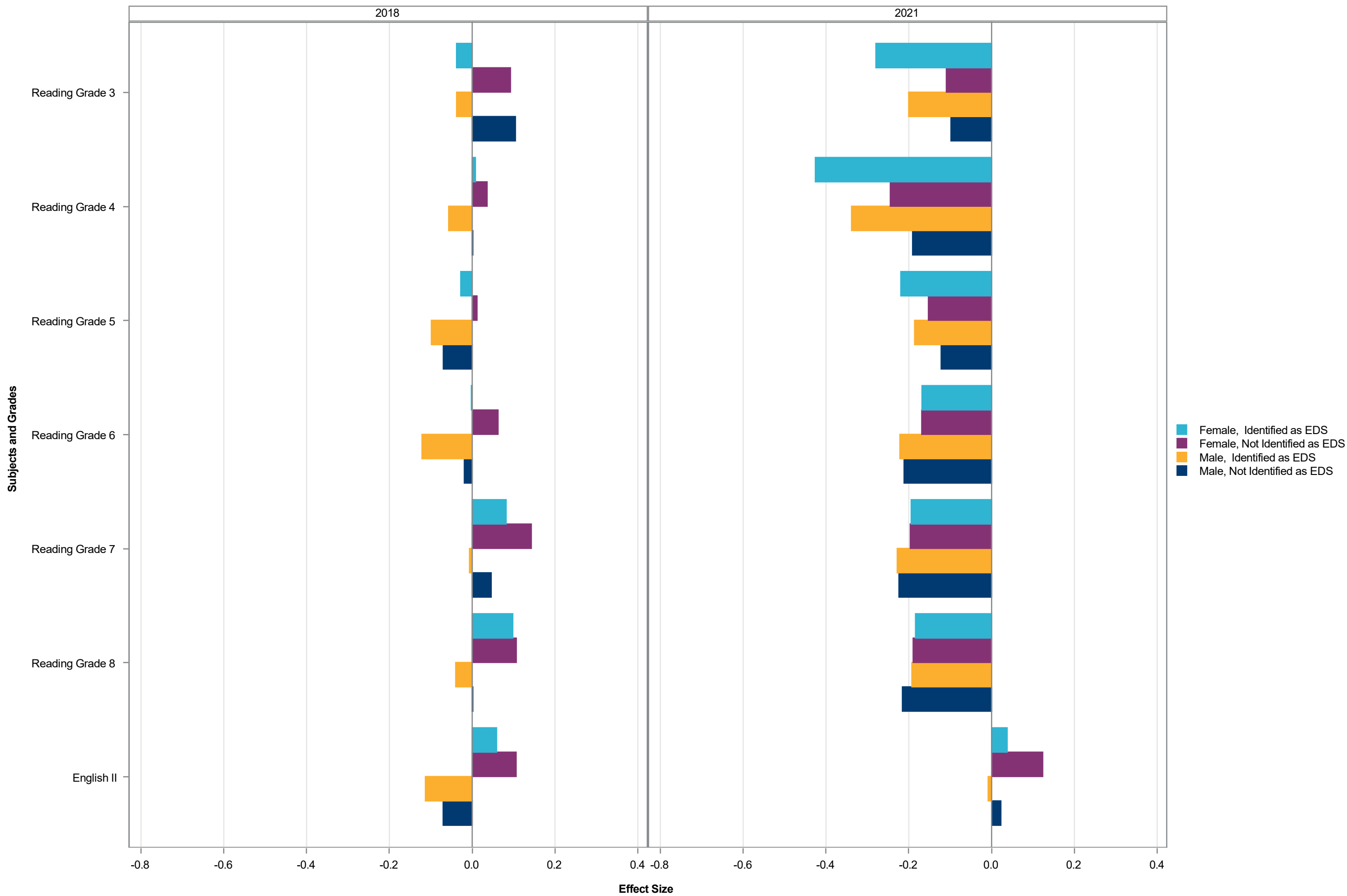


# Effect Size by Subject Grade - Sex and EDS Split by Race/Ethnicity - Hispanic

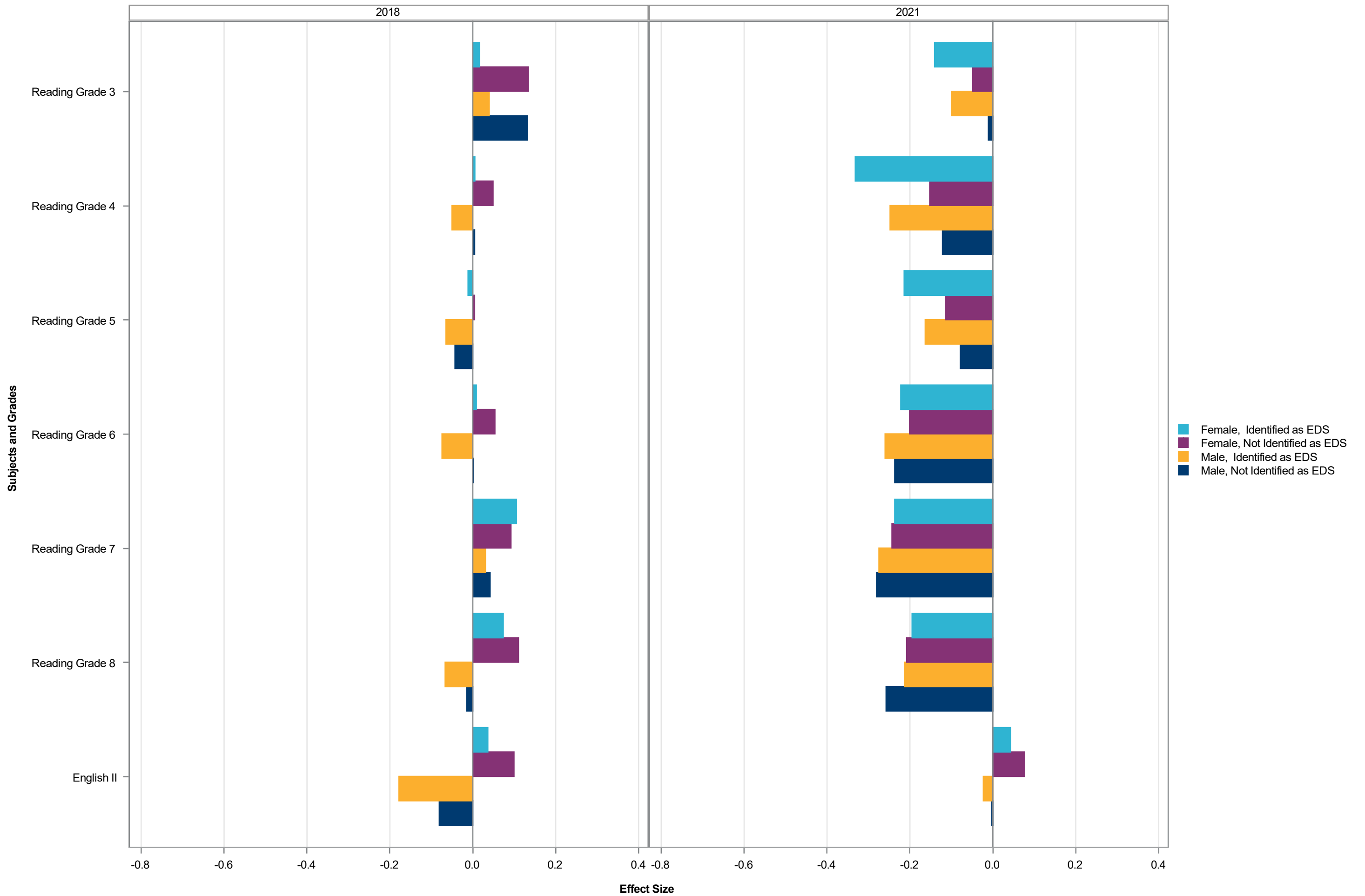




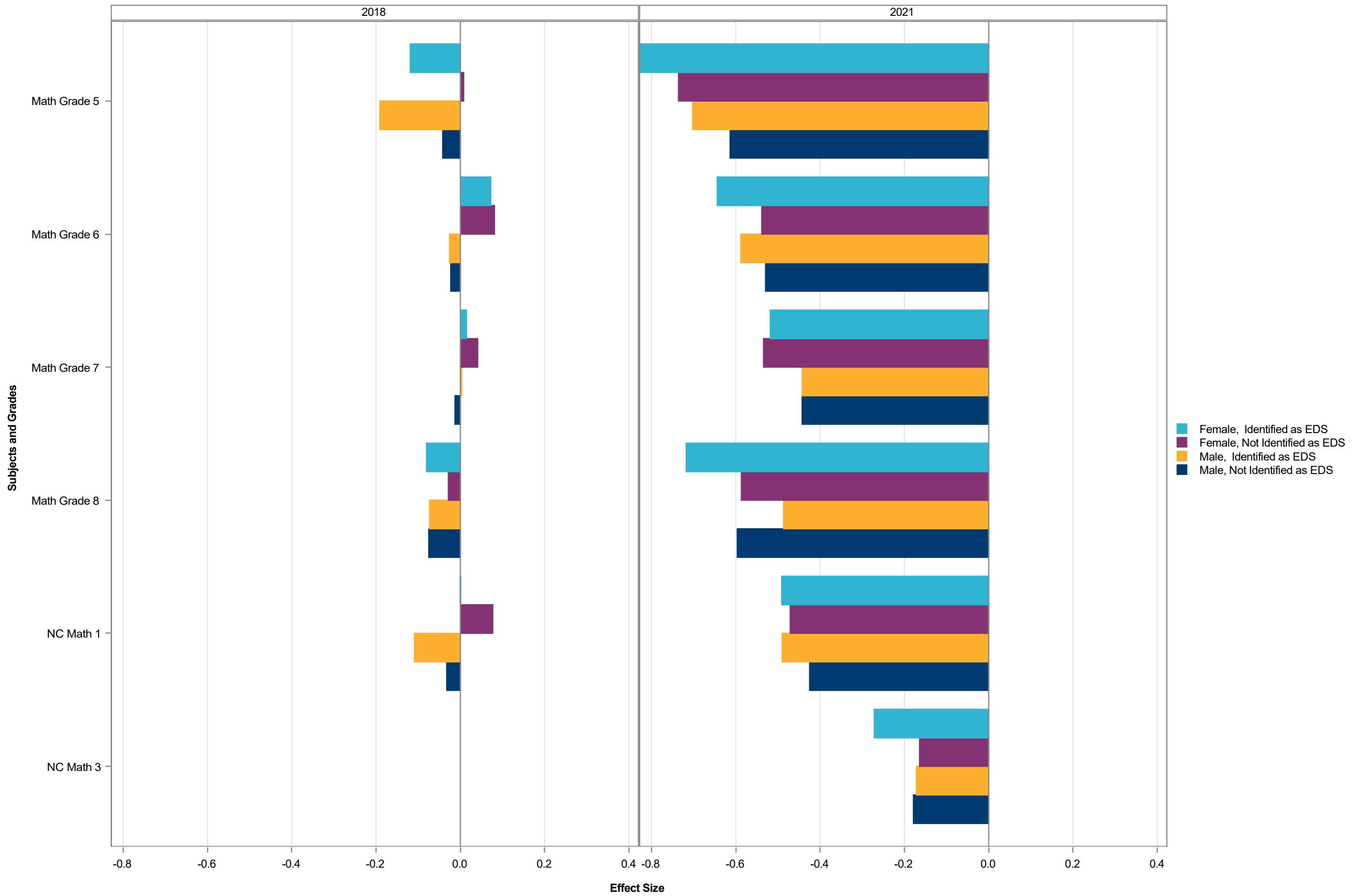
### Effect Size by Subject Grade - Sex and EDS Split by Race/Ethnicity - Two or More



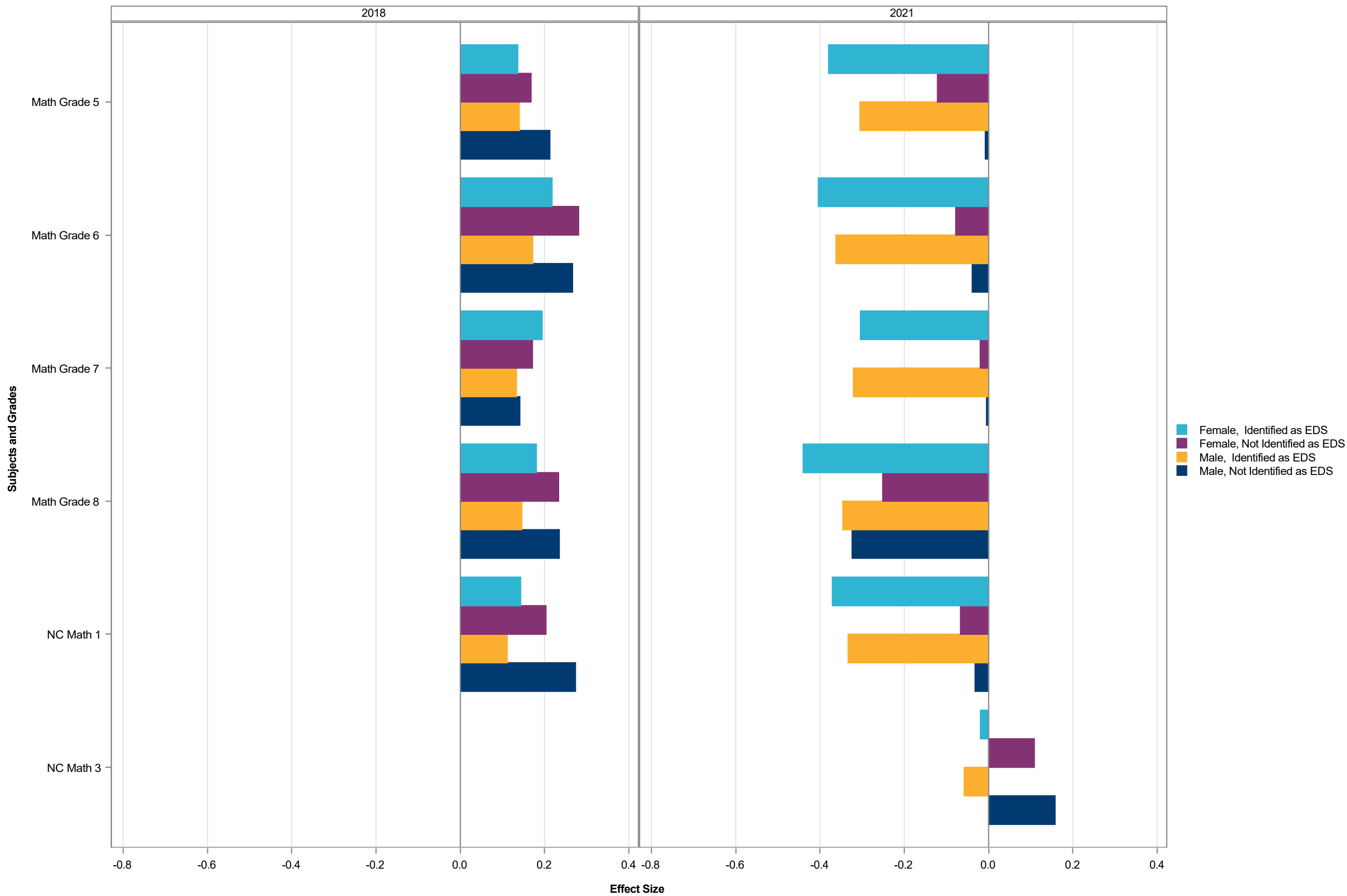
# Effect Size by Subject Grade - Sex and EDS Split by Race/Ethnicity - White (not Hispanic)



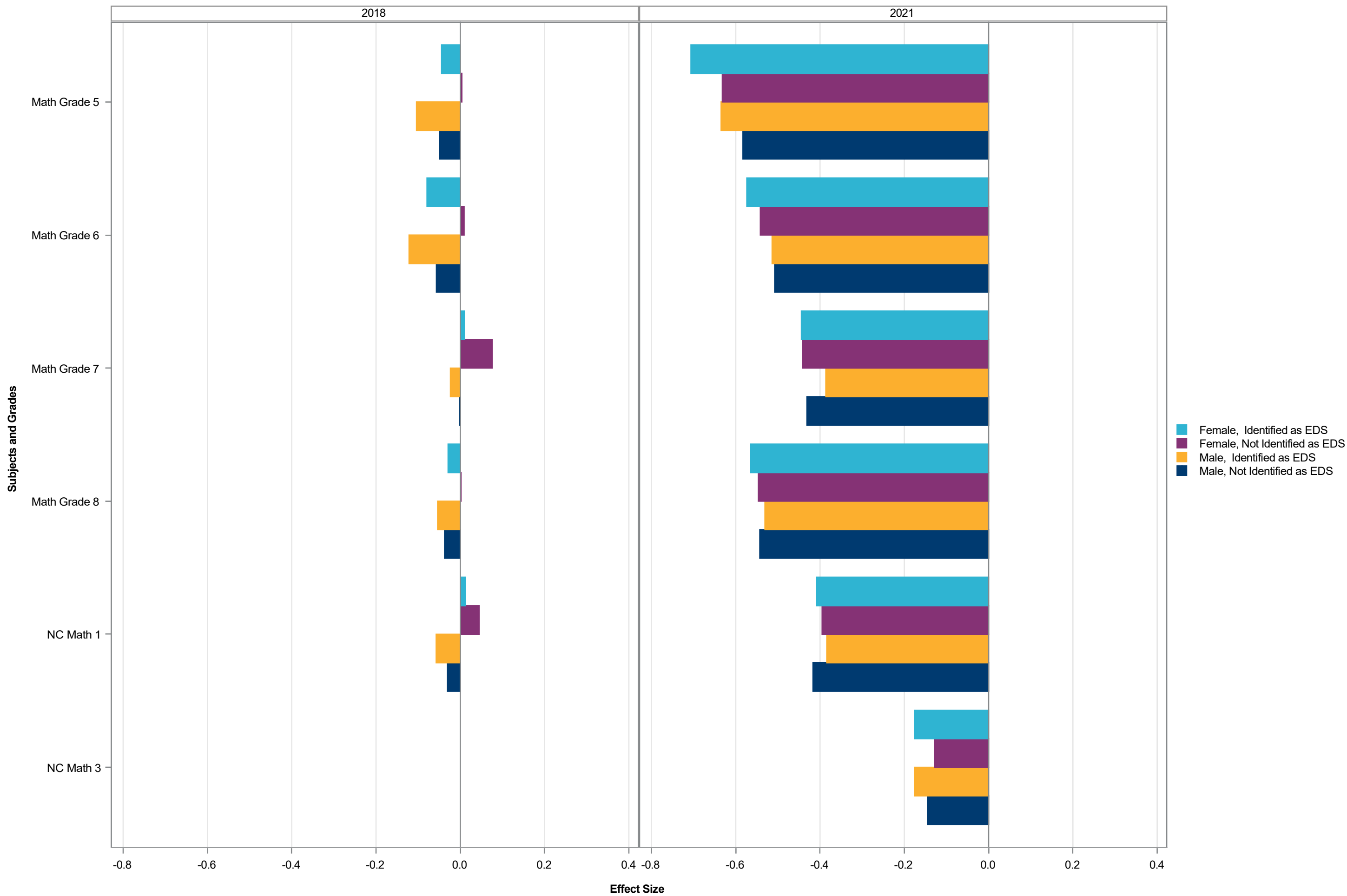
# Effect Size by Subject Grade - Sex and EDS Split by Race/Ethnicity - American Indian/Alaskan Native



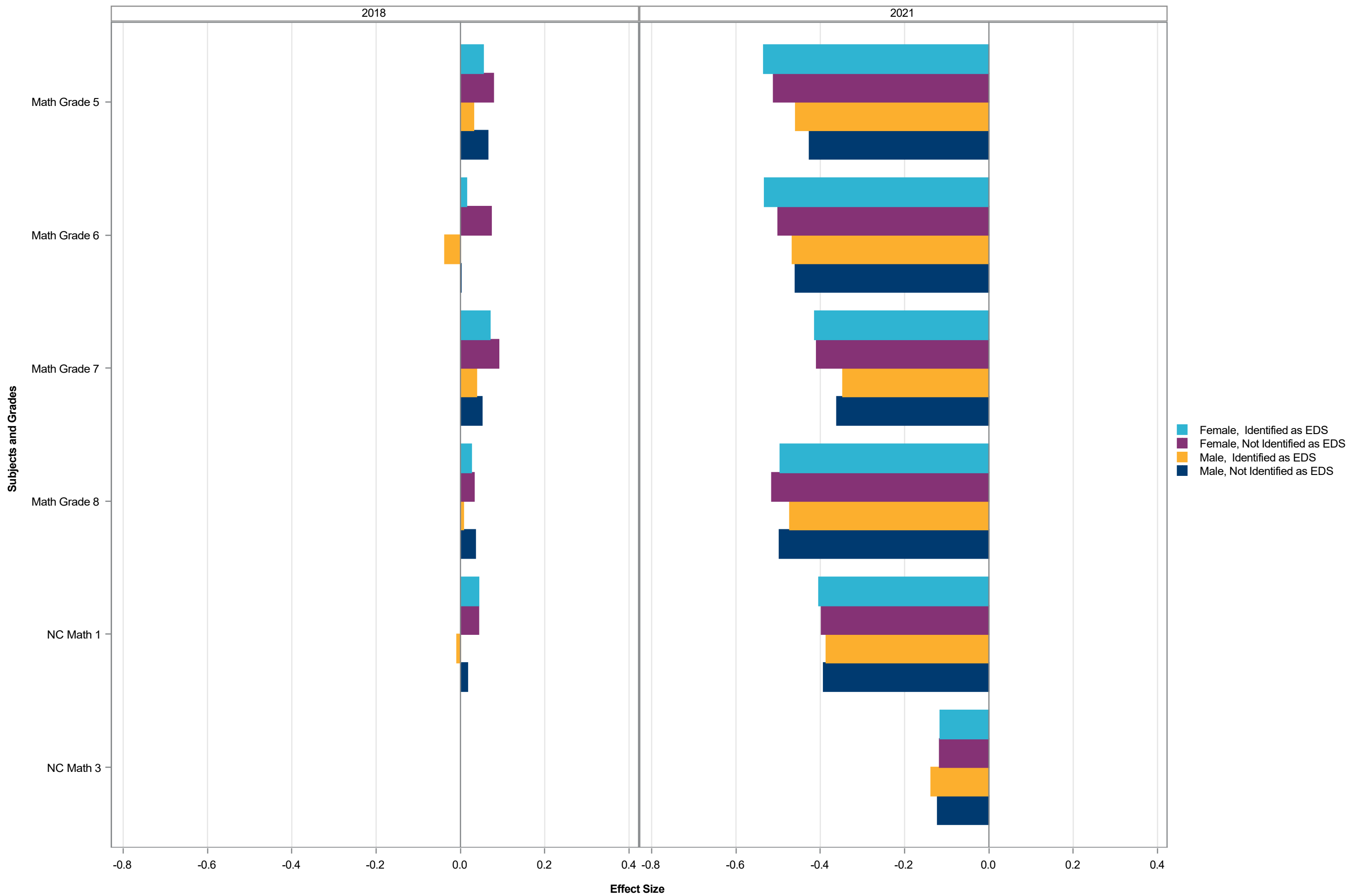
# Effect Size by Subject Grade - Sex and EDS Split by Race/Ethnicity - Asian/Pacific Islander



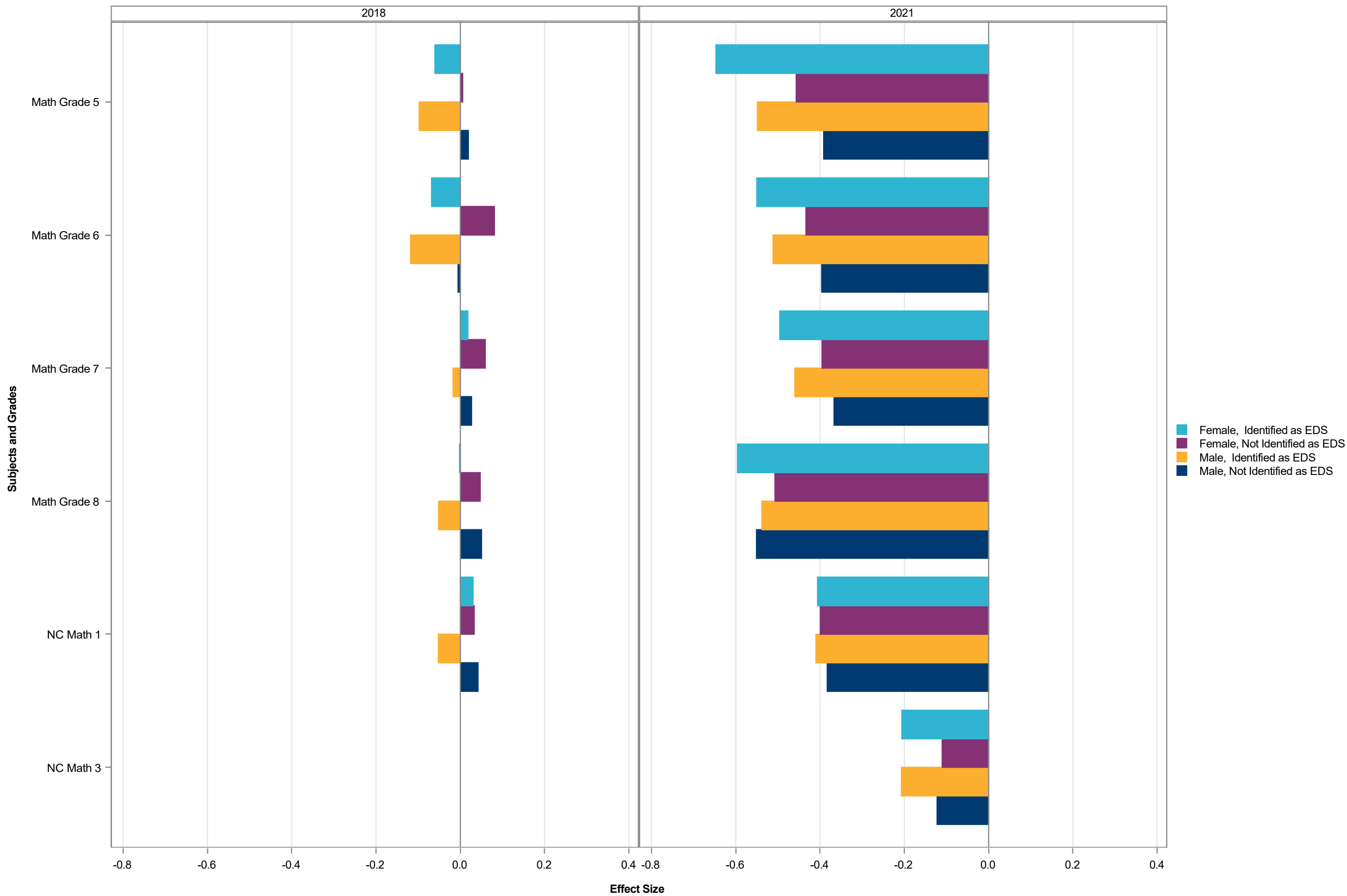
# Effect Size by Subject Grade - Sex and EDS Split by Race/Ethnicity - Black (not Hispanic)



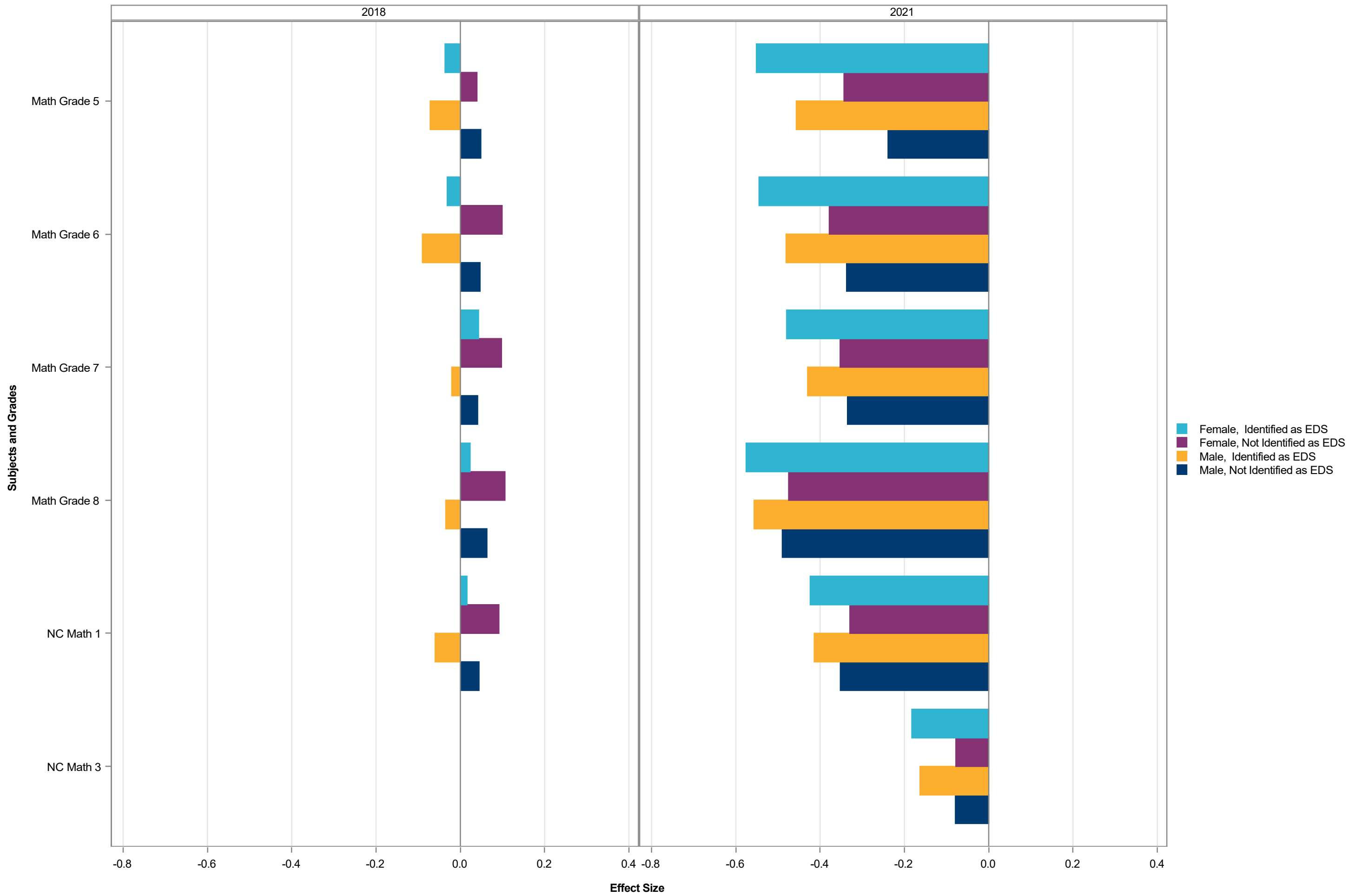
# Effect Size by Subject Grade - Sex and EDS Split by Race/Ethnicity - Hispanic



# Effect Size by Subject Grade - Sex and EDS Split by Race/Ethnicity - Two or More

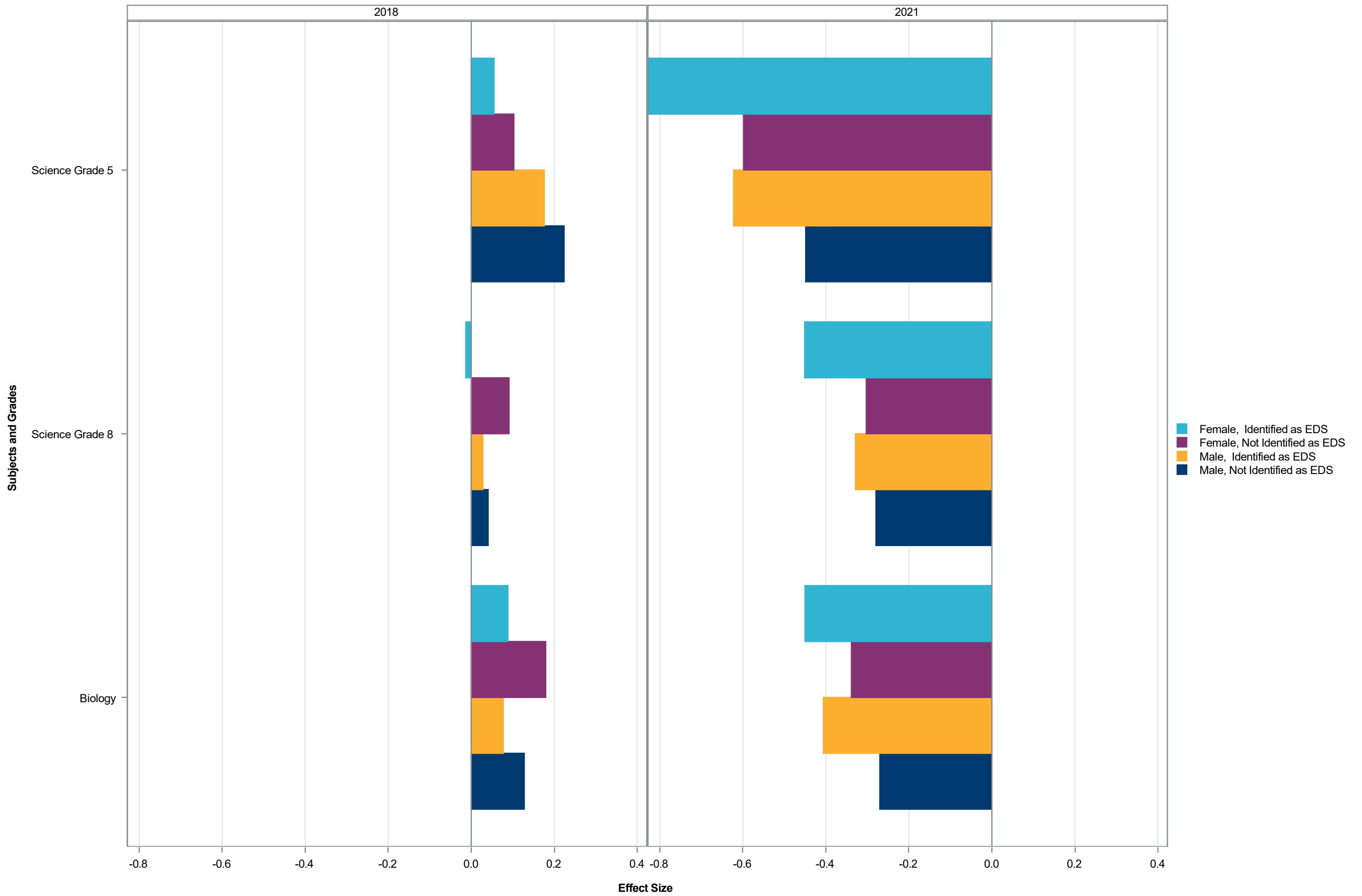


# Effect Size by Subject Grade - Sex and EDS Split by Race/Ethnicity - White (not Hispanic)

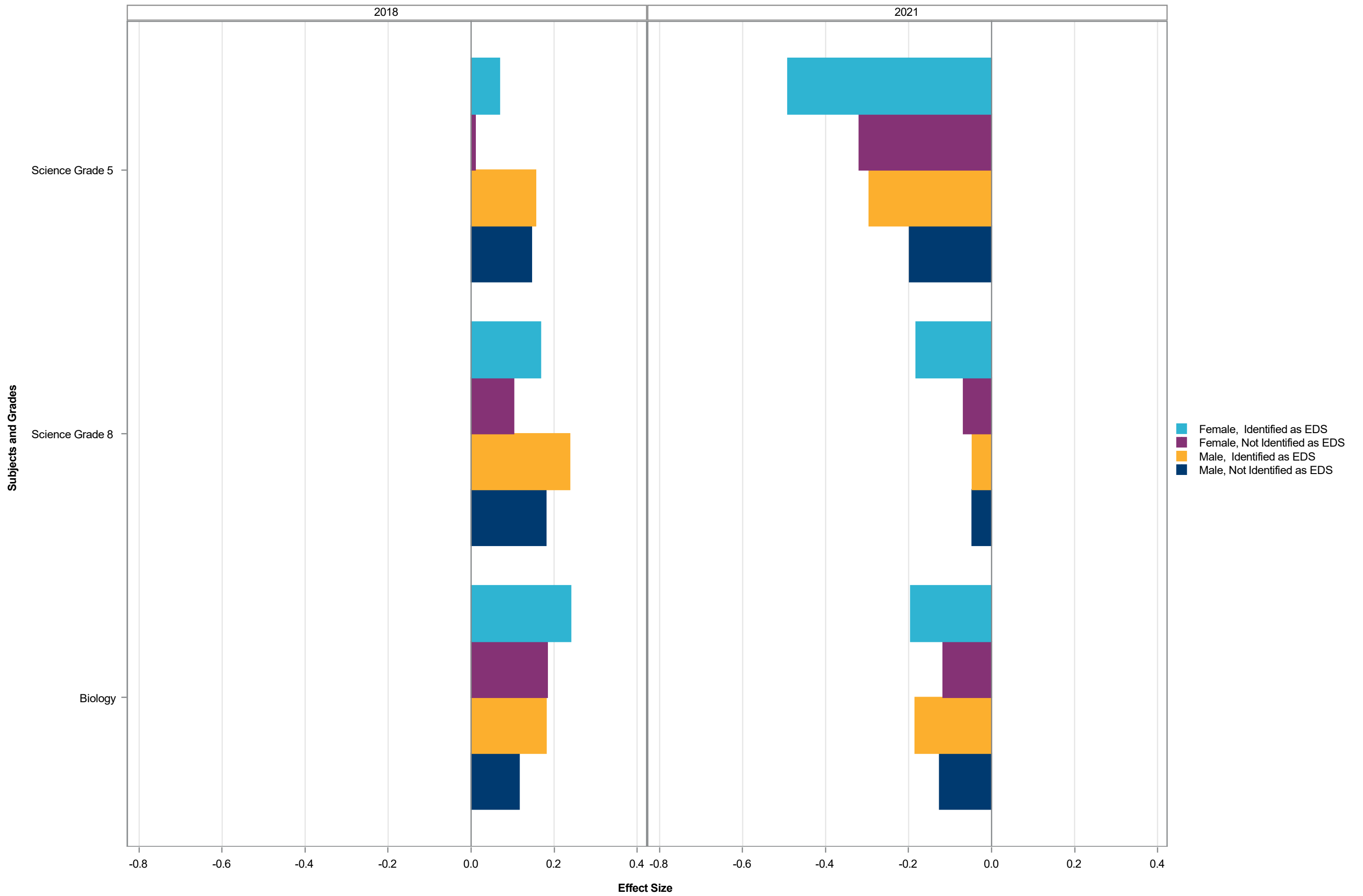




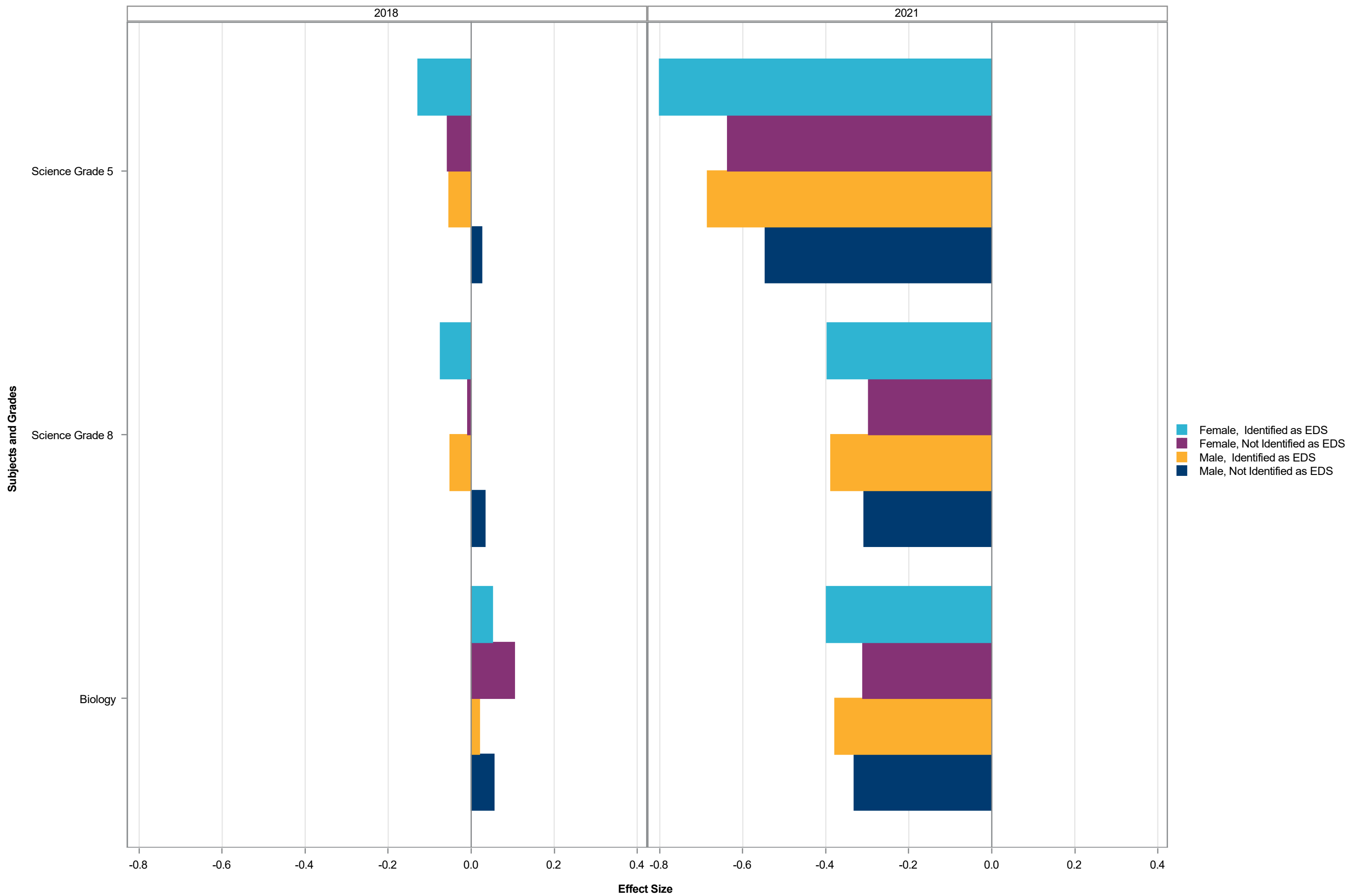
# Effect Size by Subject Grade - Sex and EDS Split by Race/Ethnicity - American Indian/Alaskan Native



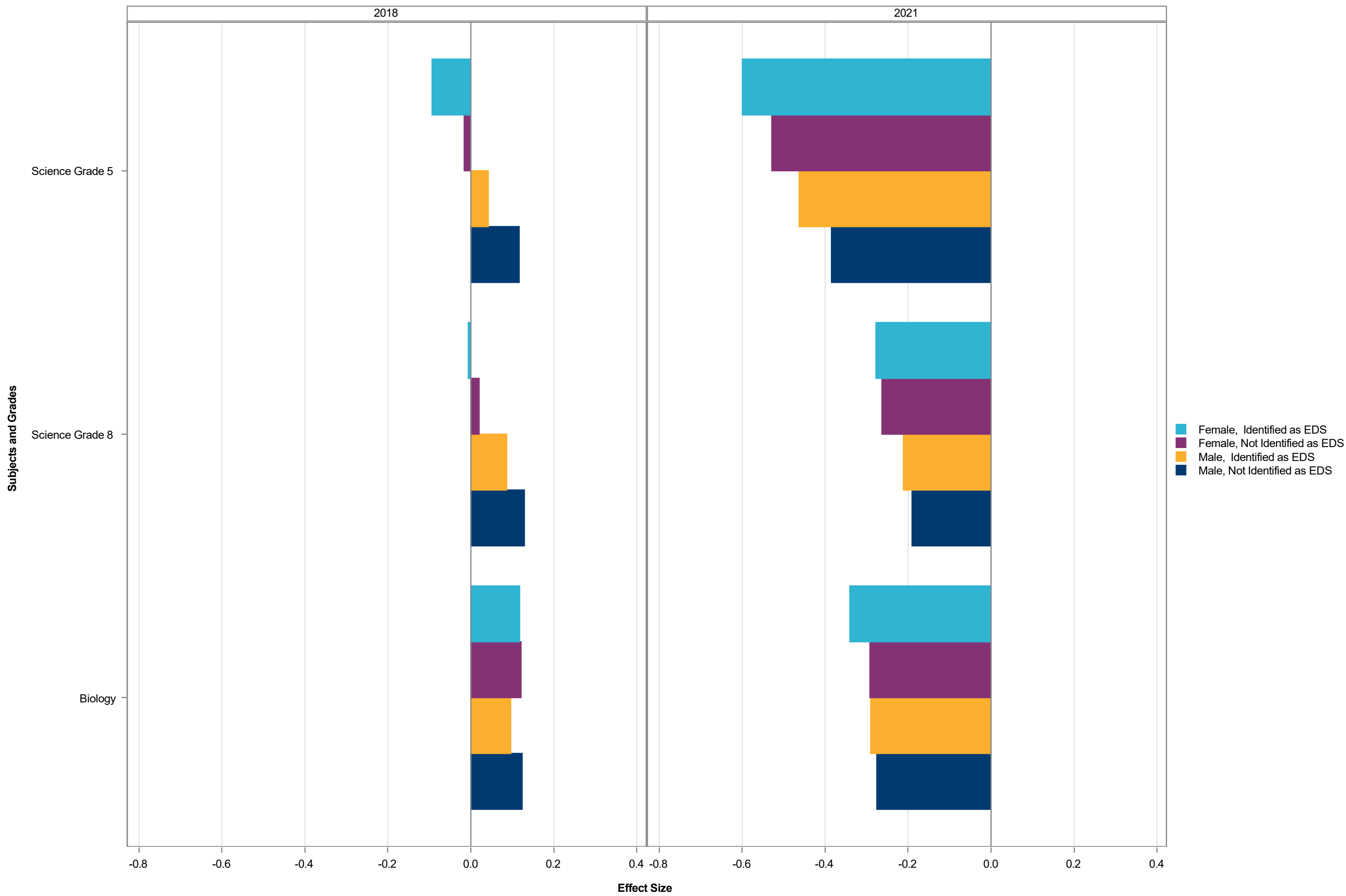
# Effect Size by Subject Grade - Sex and EDS Split by Race/Ethnicity - Asian/Pacific Islander



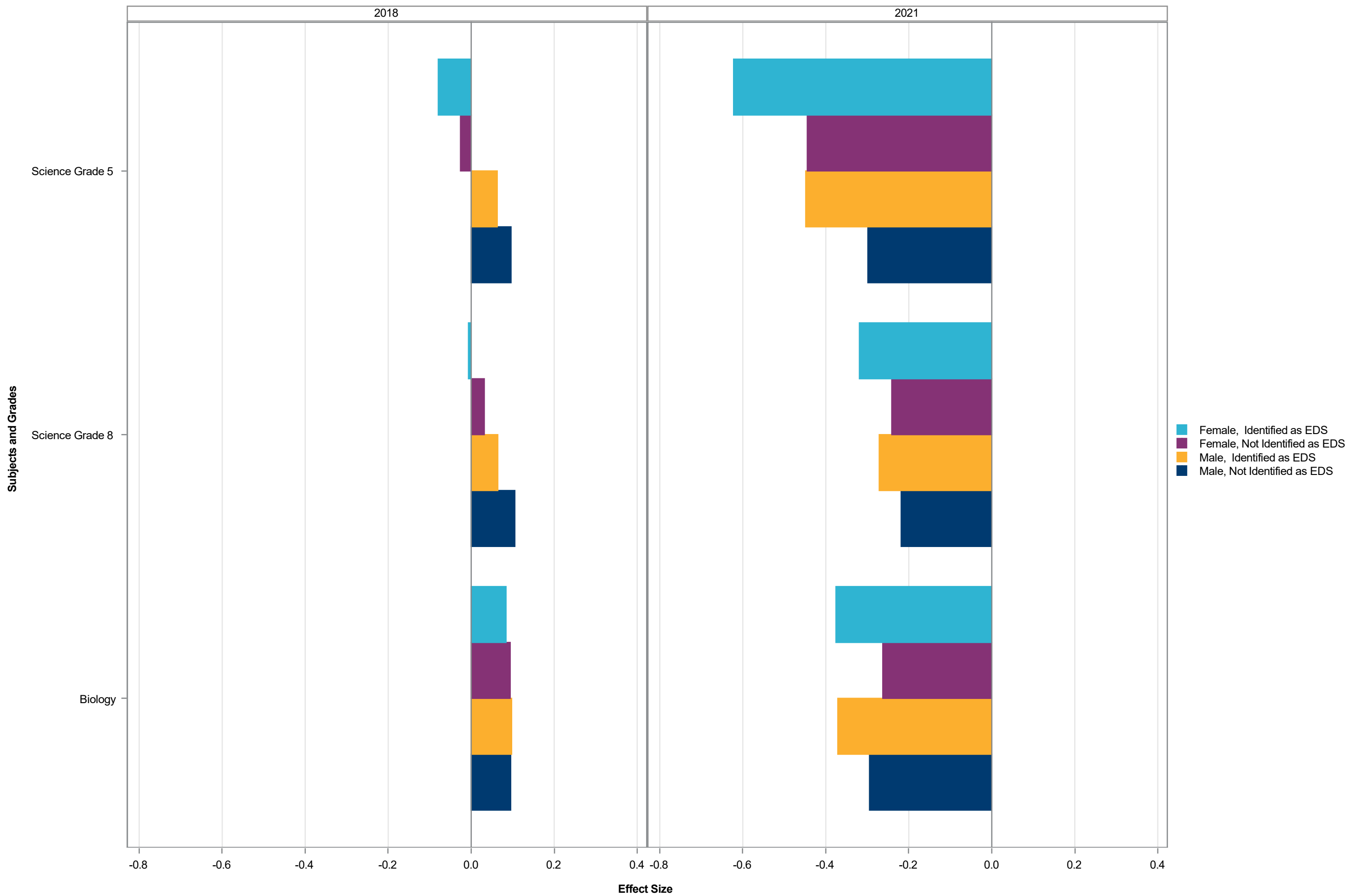
# Effect Size by Subject Grade - Sex and EDS Split by Race/Ethnicity - Black (not Hispanic)



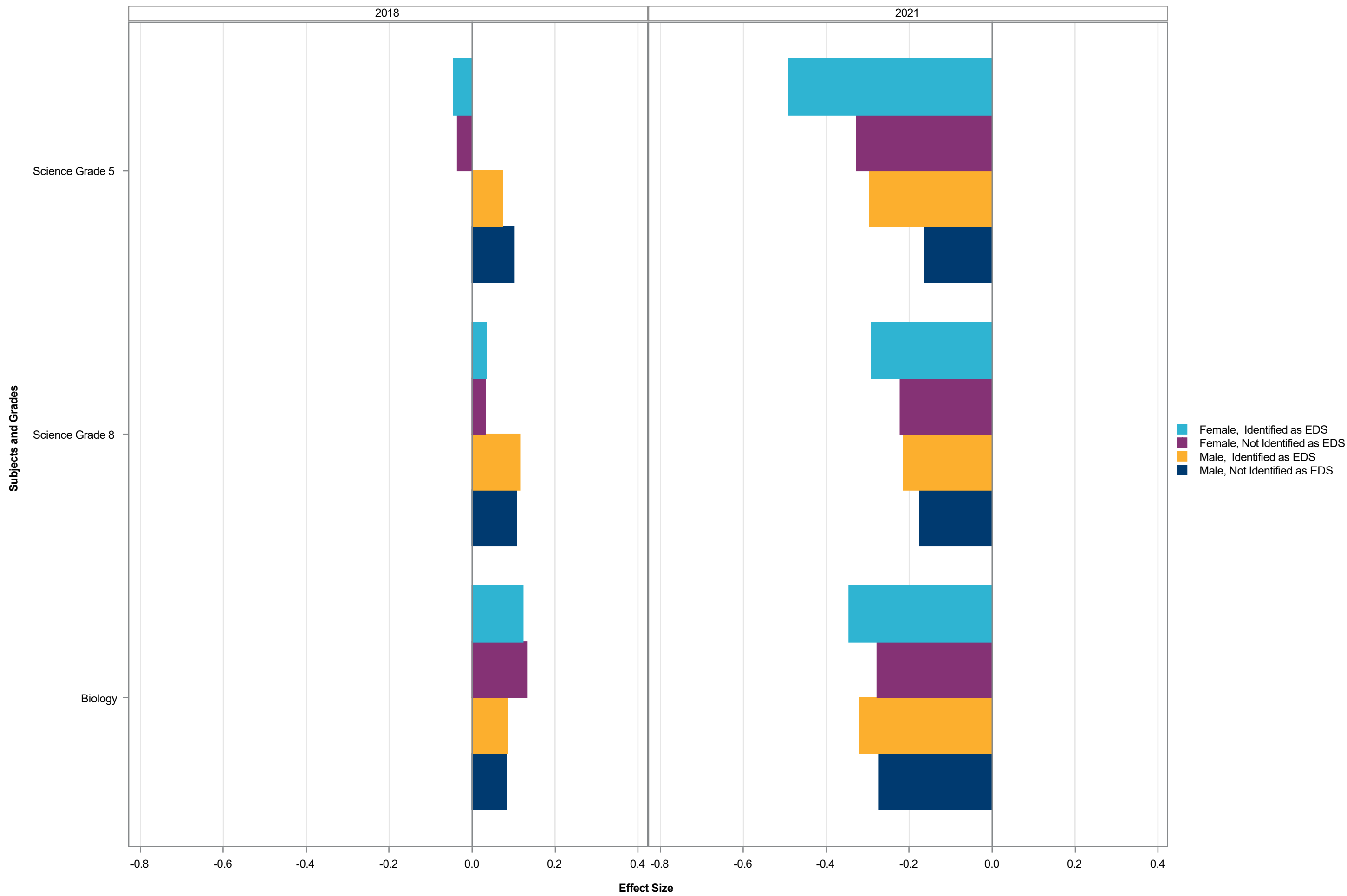
# Effect Size by Subject Grade - Sex and EDS Split by Race/Ethnicity - Hispanic



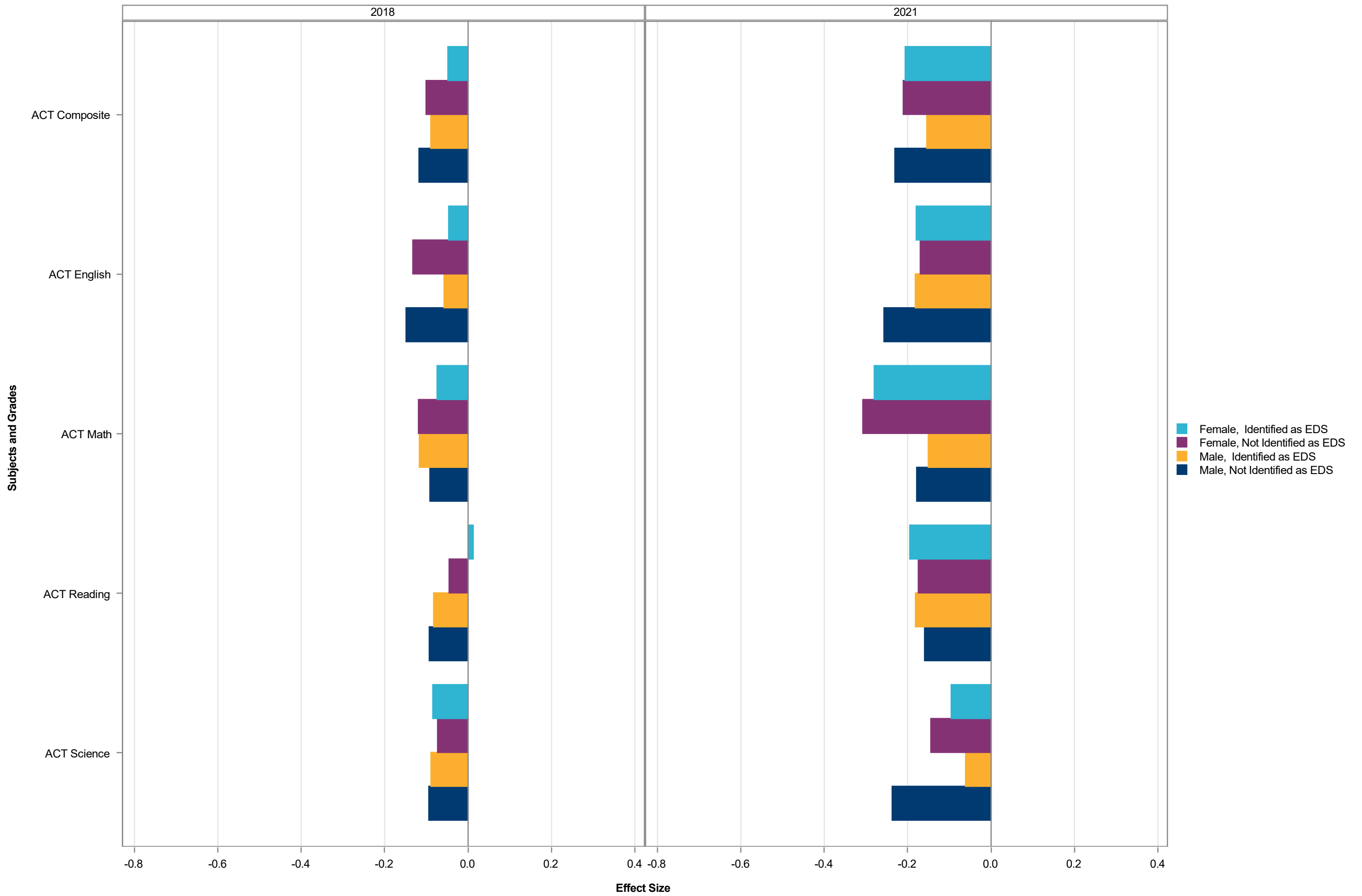
# Effect Size by Subject Grade - Sex and EDS Split by Race/Ethnicity - Two or More



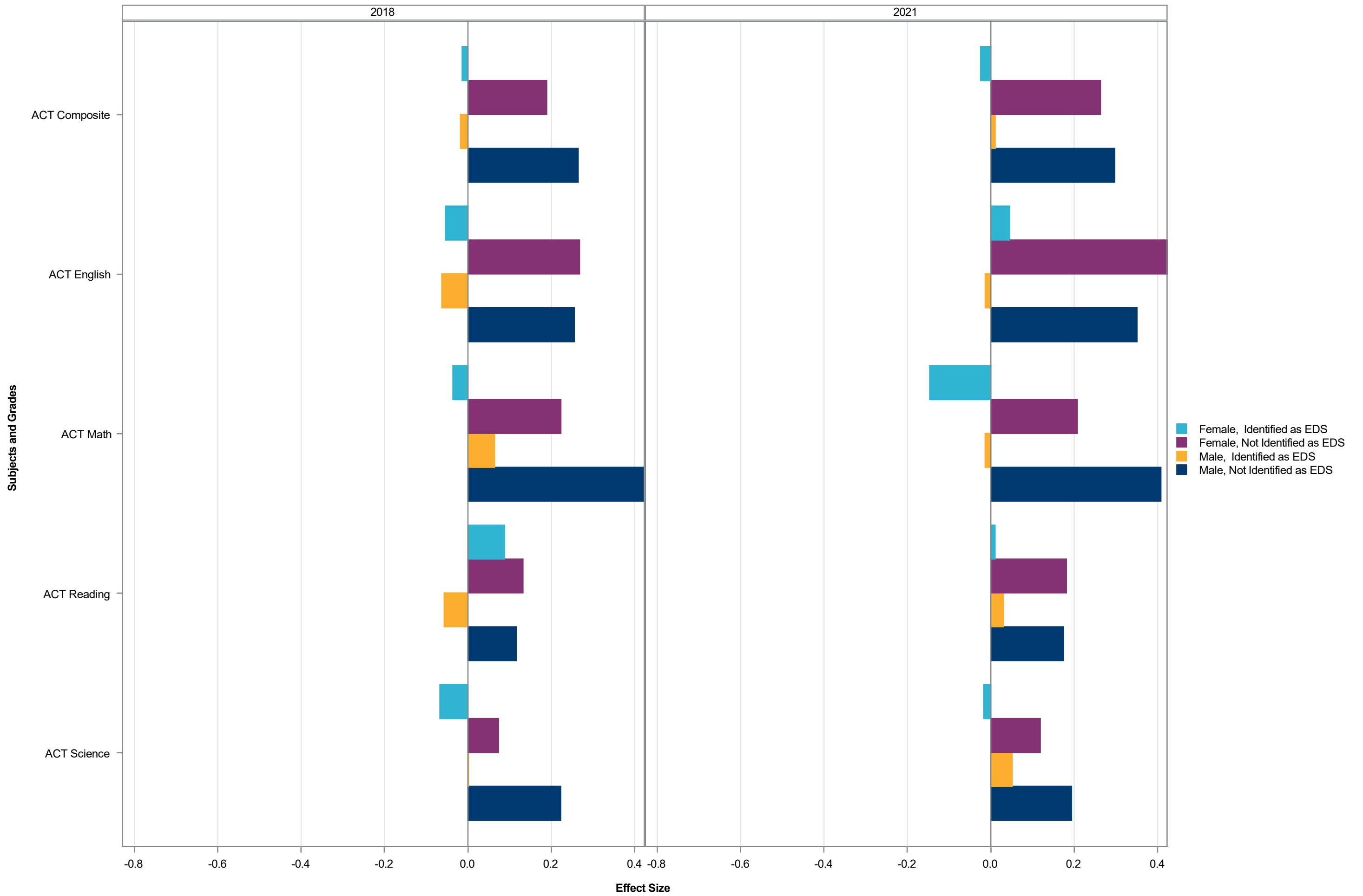
# Effect Size by Subject Grade - Sex and EDS Split by Race/Ethnicity - White (not Hispanic)



# Effect Size by Subject Grade - Sex and EDS Split by Race/Ethnicity - American Indian/Alaskan Native

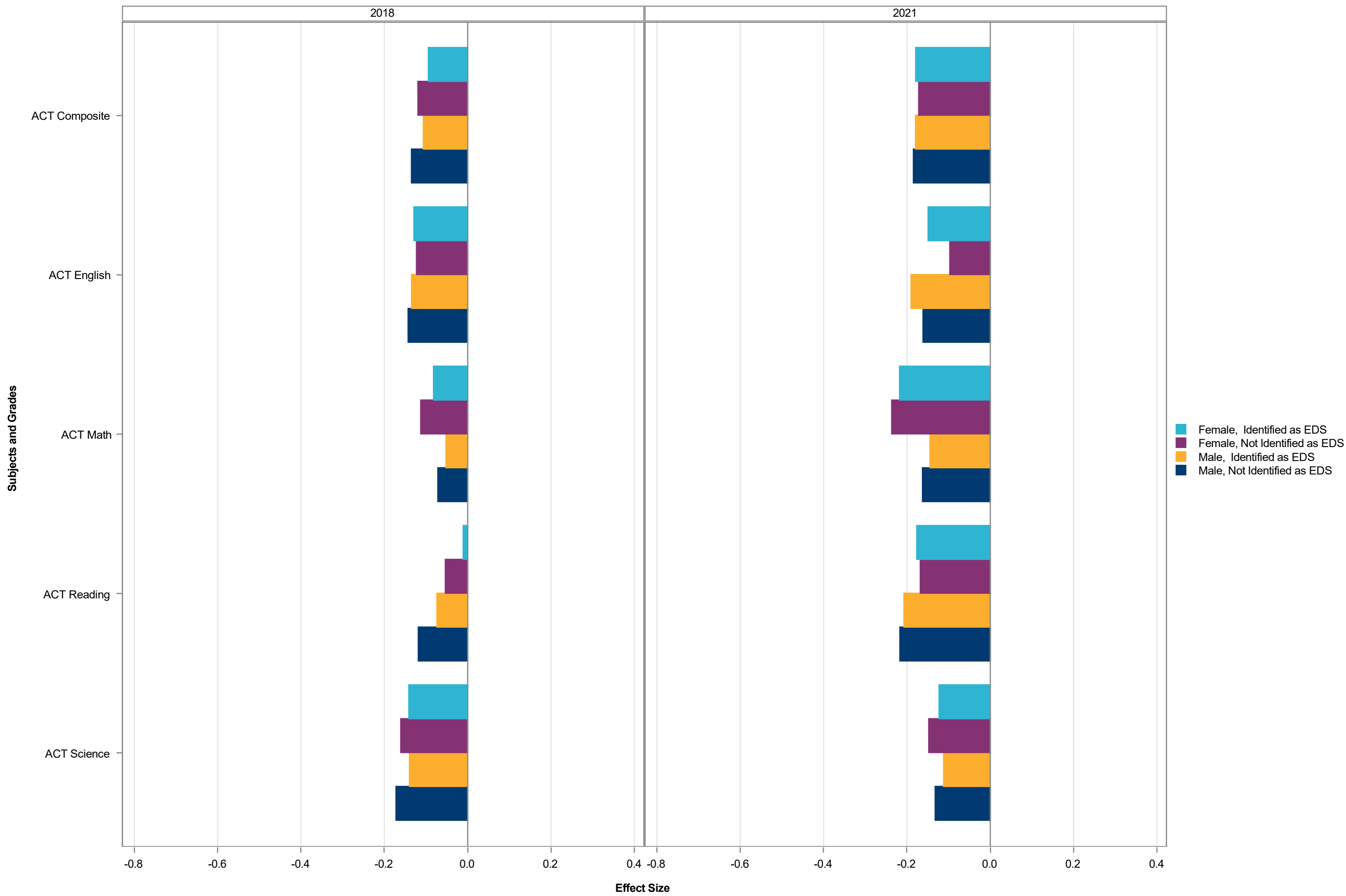


# Effect Size by Subject Grade - Sex and EDS Split by Race/Ethnicity - Asian/Pacific Islander

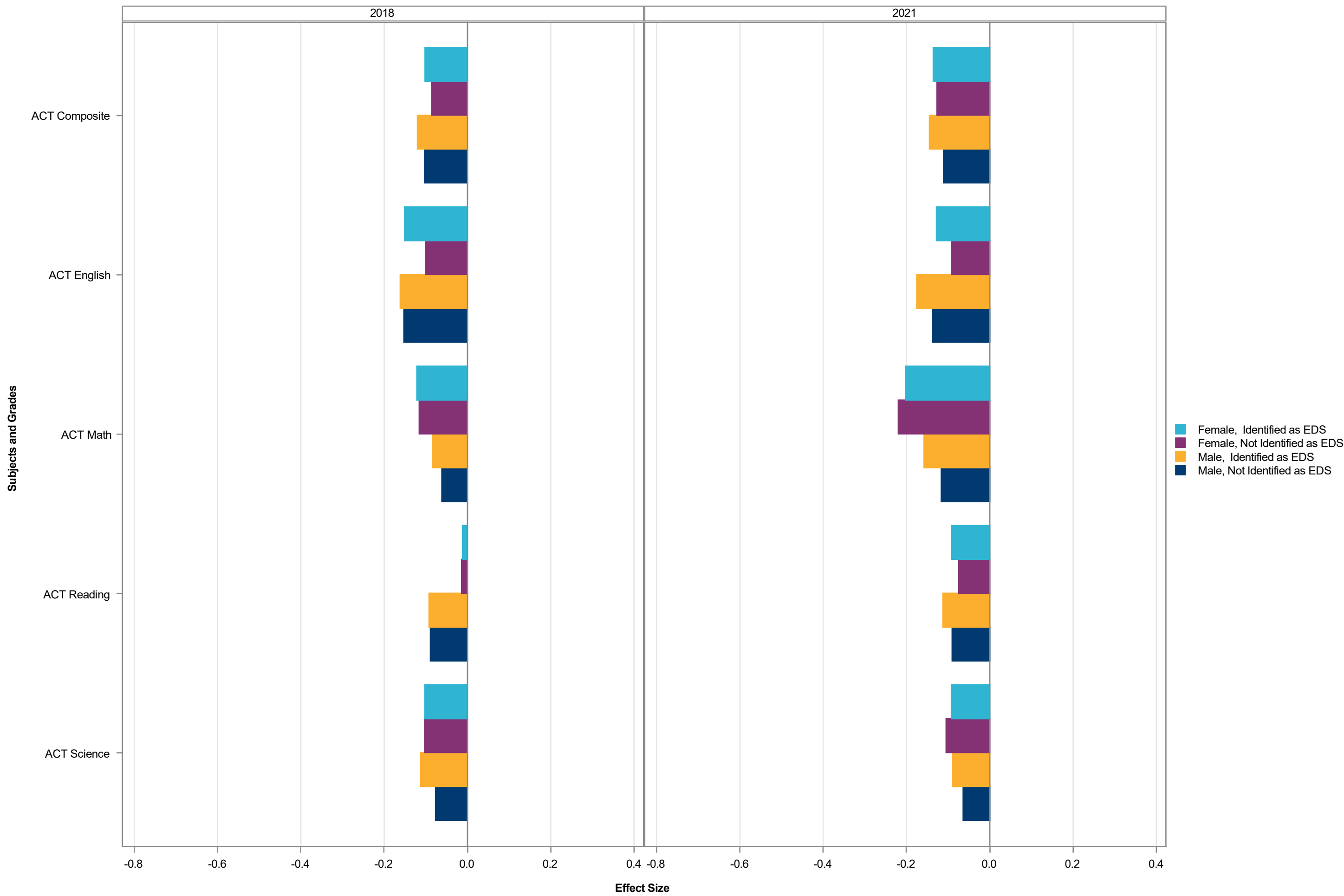




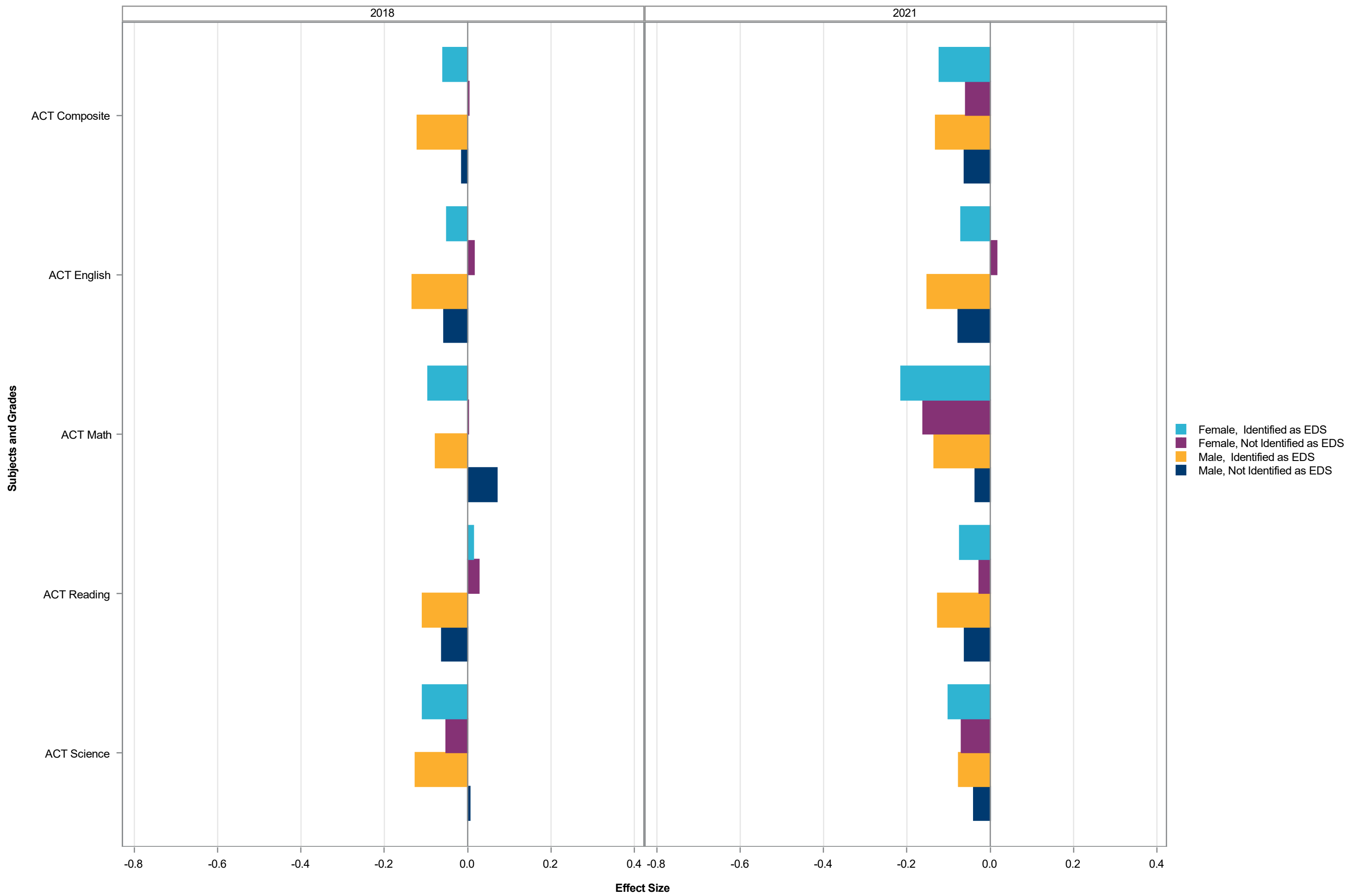
# Effect Size by Subject Grade - Sex and EDS Split by Race/Ethnicity - Black (not Hispanic)



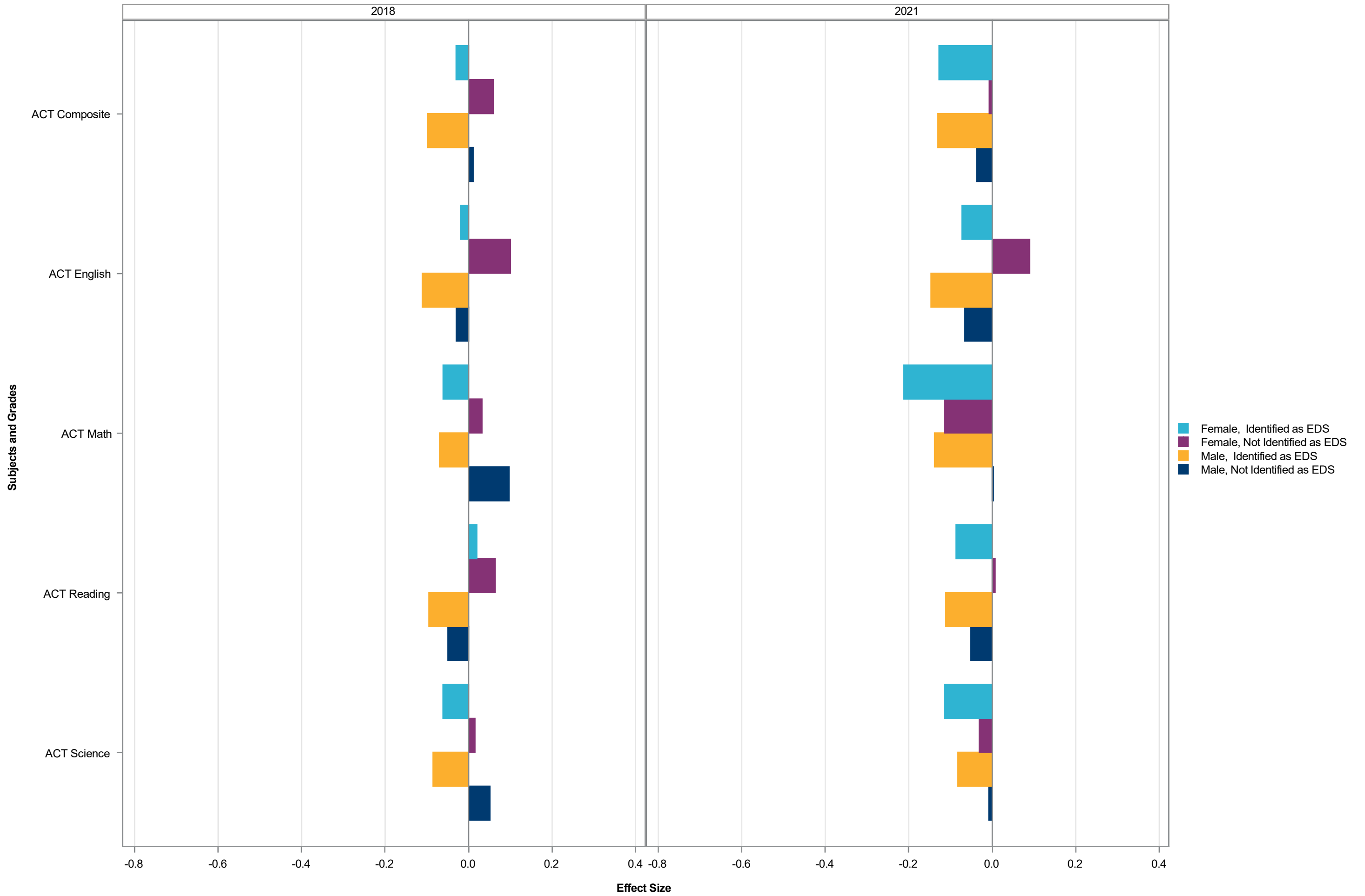
# Effect Size by Subject Grade - Sex and EDS Split by Race/Ethnicity - Hispanic



# Effect Size by Subject Grade - Sex and EDS Split by Race/Ethnicity - Two or More



Effect Size by Subject Grade - Sex and EDS Split by Race/Ethnicity - White (not Hispanic)



**Effect Size by Subject Grade - Sex and EDS Split by Race/Ethnicity - American Indian/Alaskan Native - 2021**

	Sex and EDS Split by Race/Ethnicity											
	F_N			F_Y			M_N			M_Y		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.31	0.0077	5285	-0.39	0.0078	5354	-0.31	0.0082	5346	-0.34	0.0081	5305
Reading Grade 3	-0.17	0.0441	230	-0.25	0.0359	289	-0.16	0.0476	202	-0.17	0.0359	321
Reading Grade 4	-0.36	0.0441	207	-0.43	0.0344	312	-0.30	0.0408	235	-0.36	0.0348	325
Reading Grade 5	-0.27	0.0330	247	-0.25	0.0285	310	-0.27	0.0336	249	-0.29	0.0302	287
Reading Grade 6	-0.19	0.0305	266	-0.16	0.0260	342	-0.23	0.0345	244	-0.19	0.0285	371
Reading Grade 7	-0.22	0.0291	266	-0.22	0.0265	305	-0.30	0.0309	279	-0.24	0.0300	308
Reading Grade 8	-0.15	0.0268	287	-0.16	0.0273	319	-0.24	0.0273	308	-0.14	0.0278	319
English II	0.09	0.0232	328	0.03	0.0278	240	0.00	0.0279	315	-0.05	0.0318	225
Science Grade 5	-0.60	0.0407	246	-0.83	0.0324	309	-0.45	0.0481	249	-0.62	0.0417	287
Science Grade 8	-0.30	0.0287	290	-0.45	0.0289	318	-0.28	0.0333	310	-0.33	0.0331	323
Biology	-0.34	0.0276	306	-0.45	0.0304	209	-0.27	0.0277	309	-0.41	0.0337	233
Math Grade 5	-0.74	0.0368	245	-0.85	0.0305	310	-0.61	0.0404	249	-0.70	0.0362	287
Math Grade 6	-0.54	0.0356	267	-0.64	0.0289	343	-0.53	0.0354	243	-0.59	0.0274	369
Math Grade 7	-0.53	0.0324	267	-0.52	0.0291	303	-0.44	0.0338	276	-0.44	0.0297	307
Math Grade 8	-0.59	0.0418	209	-0.72	0.0373	292	-0.60	0.0410	262	-0.49	0.0380	290
NC Math 1	-0.47	0.0300	309	-0.49	0.0311	268	-0.42	0.0287	313	-0.49	0.0281	283
NC Math 3	-0.16	0.0325	295	-0.27	0.0374	201	-0.18	0.0335	301	-0.17	0.0378	208
ACT Composite	-0.21	0.0261	263	-0.21	0.0307	176	-0.23	0.0335	260	-0.15	0.0396	154
ACT English	-0.17	0.0324	263	-0.18	0.0368	178	-0.26	0.0360	260	-0.18	0.0412	154
ACT Math	-0.31	0.0314	263	-0.28	0.0340	178	-0.18	0.0357	261	-0.15	0.0388	154
ACT Reading	-0.17	0.0323	263	-0.19	0.0360	177	-0.16	0.0371	261	-0.18	0.0495	154
ACT Science	-0.14	0.0300	263	-0.10	0.0379	176	-0.24	0.0405	261	-0.06	0.0500	154

**Effect Size by Subject Grade - Sex and EDS Split by Race/Ethnicity - Asian/Pacific Islander - 2021**

	Sex and EDS Split by Race/Ethnicity											
	F_N			F_Y			M_N			M_Y		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	0.01	0.0037	26159	-0.15	0.0076	5994	0.03	0.0037	26199	-0.13	0.0076	6130
Reading Grade 3	0.07	0.0181	1328	-0.06	0.0337	378	0.09	0.0180	1363	0.01	0.0355	360
Reading Grade 4	0.01	0.0180	1356	-0.19	0.0352	325	0.03	0.0174	1426	-0.16	0.0353	362
Reading Grade 5	-0.05	0.0128	1445	-0.12	0.0289	336	0.01	0.0127	1511	-0.05	0.0253	368
Reading Grade 6	-0.02	0.0121	1391	-0.01	0.0300	307	-0.05	0.0120	1471	-0.07	0.0267	357
Reading Grade 7	-0.06	0.0117	1387	-0.04	0.0263	326	-0.08	0.0119	1475	-0.06	0.0251	369
Reading Grade 8	-0.06	0.0115	1420	0.01	0.0252	302	-0.09	0.0116	1378	0.00	0.0250	357
English II	0.14	0.0109	1353	0.22	0.0219	338	0.10	0.0116	1344	0.13	0.0264	312
Science Grade 5	-0.32	0.0154	1445	-0.49	0.0340	338	-0.20	0.0159	1511	-0.30	0.0325	368
Science Grade 8	-0.07	0.0135	1414	-0.18	0.0291	299	-0.05	0.0140	1377	-0.05	0.0287	357
Biology	-0.12	0.0146	1418	-0.20	0.0307	310	-0.13	0.0139	1451	-0.18	0.0308	299
Math Grade 5	-0.12	0.0159	1446	-0.38	0.0327	337	-0.01	0.0156	1509	-0.31	0.0329	366
Math Grade 6	-0.08	0.0159	1386	-0.40	0.0346	308	-0.04	0.0147	1466	-0.36	0.0299	352
Math Grade 7	-0.02	0.0151	1384	-0.30	0.0320	328	-0.00	0.0149	1470	-0.32	0.0276	373
Math Grade 8	-0.25	0.0377	391	-0.44	0.0477	187	-0.32	0.0365	355	-0.35	0.0441	230
NC Math 1	-0.07	0.0160	1457	-0.37	0.0352	315	-0.03	0.0158	1516	-0.33	0.0341	325
NC Math 3	0.11	0.0147	1462	-0.02	0.0346	303	0.16	0.0161	1431	-0.06	0.0337	279
ACT Composite	0.26	0.0165	1227	-0.02	0.0293	252	0.30	0.0190	1114	0.01	0.0395	195
ACT English	0.44	0.0198	1228	0.05	0.0344	252	0.35	0.0226	1116	-0.01	0.0472	195
ACT Math	0.21	0.0203	1228	-0.15	0.0359	252	0.41	0.0225	1115	-0.01	0.0459	195
ACT Reading	0.18	0.0177	1227	0.01	0.0346	252	0.17	0.0194	1115	0.03	0.0443	195
ACT Science	0.12	0.0175	1228	-0.02	0.0356	252	0.19	0.0203	1116	0.05	0.0438	195

**Effect Size by Subject Grade - Sex and EDS Split by Race/Ethnicity - Black (not Hispanic) - 2021**

	Sex and EDS Split by Race/Ethnicity											
	F_N			F_Y			M_N			M_Y		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.28	0.0019	91812	-0.35	0.0016	132425	-0.29	0.0019	93743	-0.34	0.0016	129628
Reading Grade 3	-0.31	0.0112	3643	-0.37	0.0078	7279	-0.32	0.0116	3736	-0.34	0.0082	7340
Reading Grade 4	-0.43	0.0105	3846	-0.54	0.0075	7340	-0.44	0.0106	4031	-0.52	0.0077	7429
Reading Grade 5	-0.18	0.0080	4260	-0.27	0.0059	7692	-0.19	0.0080	4437	-0.24	0.0060	7646
Reading Grade 6	-0.14	0.0072	4402	-0.15	0.0054	7940	-0.17	0.0073	4678	-0.16	0.0058	7890
Reading Grade 7	-0.15	0.0066	4884	-0.14	0.0052	7872	-0.18	0.0068	5142	-0.17	0.0055	7957
Reading Grade 8	-0.13	0.0064	4922	-0.12	0.0054	7227	-0.17	0.0067	5133	-0.14	0.0058	7286
English II	0.13	0.0057	5721	0.08	0.0053	6789	0.04	0.0062	5678	0.03	0.0058	6531
Science Grade 5	-0.64	0.0094	4243	-0.80	0.0067	7631	-0.55	0.0095	4434	-0.69	0.0070	7613
Science Grade 8	-0.30	0.0070	4944	-0.40	0.0057	7204	-0.31	0.0074	5176	-0.39	0.0062	7295
Biology	-0.31	0.0066	5531	-0.40	0.0060	6369	-0.33	0.0067	5572	-0.38	0.0064	6025
Math Grade 5	-0.63	0.0092	4246	-0.71	0.0065	7661	-0.58	0.0088	4440	-0.63	0.0065	7640
Math Grade 6	-0.54	0.0082	4395	-0.57	0.0060	7958	-0.51	0.0079	4663	-0.51	0.0060	7881
Math Grade 7	-0.44	0.0072	4883	-0.44	0.0058	7859	-0.43	0.0072	5147	-0.39	0.0060	7947
Math Grade 8	-0.55	0.0105	3416	-0.56	0.0075	6185	-0.54	0.0098	3872	-0.53	0.0074	6436
NC Math 1	-0.40	0.0071	5440	-0.41	0.0059	7486	-0.42	0.0069	5898	-0.38	0.0058	7685
NC Math 3	-0.13	0.0076	5477	-0.18	0.0074	5621	-0.15	0.0078	5263	-0.18	0.0076	5045
ACT Composite	-0.17	0.0066	4602	-0.18	0.0067	4381	-0.18	0.0073	4327	-0.18	0.0081	3786
ACT English	-0.10	0.0078	4610	-0.15	0.0075	4389	-0.16	0.0083	4349	-0.19	0.0088	3817
ACT Math	-0.24	0.0074	4609	-0.22	0.0077	4389	-0.16	0.0078	4341	-0.14	0.0083	3815
ACT Reading	-0.17	0.0083	4606	-0.18	0.0082	4389	-0.22	0.0092	4345	-0.21	0.0099	3803
ACT Science	-0.15	0.0085	4609	-0.12	0.0088	4385	-0.13	0.0092	4344	-0.11	0.0101	3806

**Effect Size by Subject Grade - Sex and EDS Split by Race/Ethnicity - Hispanic - 2021**

	Sex and EDS Split by Race/Ethnicity											
	F_N			F_Y			M_N			M_Y		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.23	0.0019	90897	-0.27	0.0020	82003	-0.22	0.0019	91713	-0.25	0.0020	82980
Reading Grade 3	-0.10	0.0104	4111	-0.16	0.0097	4463	-0.09	0.0101	4252	-0.13	0.0098	4652
Reading Grade 4	-0.25	0.0101	4315	-0.32	0.0096	4561	-0.24	0.0100	4444	-0.29	0.0098	4552
Reading Grade 5	-0.14	0.0076	4743	-0.17	0.0076	4744	-0.14	0.0075	4843	-0.17	0.0073	4966
Reading Grade 6	-0.10	0.0071	4693	-0.10	0.0070	4711	-0.17	0.0071	4920	-0.15	0.0069	5148
Reading Grade 7	-0.10	0.0066	5089	-0.10	0.0066	4900	-0.13	0.0067	5323	-0.13	0.0068	5097
Reading Grade 8	-0.10	0.0064	5118	-0.07	0.0068	4650	-0.13	0.0065	5184	-0.11	0.0067	4827
English II	0.17	0.0059	5183	0.15	0.0067	4173	0.09	0.0065	5229	0.09	0.0073	4102
Science Grade 5	-0.53	0.0090	4745	-0.60	0.0087	4729	-0.38	0.0093	4841	-0.46	0.0092	4965
Science Grade 8	-0.26	0.0069	5138	-0.28	0.0072	4670	-0.19	0.0074	5194	-0.21	0.0078	4857
Biology	-0.29	0.0072	4865	-0.34	0.0081	3893	-0.28	0.0075	4919	-0.29	0.0087	3622
Math Grade 5	-0.51	0.0089	4742	-0.53	0.0086	4733	-0.43	0.0087	4841	-0.46	0.0083	4972
Math Grade 6	-0.50	0.0082	4696	-0.53	0.0078	4706	-0.46	0.0078	4917	-0.47	0.0074	5135
Math Grade 7	-0.41	0.0075	5081	-0.41	0.0075	4894	-0.36	0.0072	5349	-0.35	0.0074	5095
Math Grade 8	-0.52	0.0103	3722	-0.50	0.0101	3849	-0.50	0.0102	3815	-0.47	0.0098	3992
NC Math 1	-0.40	0.0076	5240	-0.40	0.0079	4578	-0.39	0.0073	5533	-0.39	0.0078	4828
NC Math 3	-0.12	0.0083	4724	-0.12	0.0100	3366	-0.12	0.0087	4503	-0.14	0.0106	3068
ACT Composite	-0.13	0.0070	3878	-0.14	0.0082	2747	-0.11	0.0080	3615	-0.15	0.0092	2430
ACT English	-0.09	0.0083	3887	-0.13	0.0095	2751	-0.14	0.0089	3623	-0.18	0.0102	2440
ACT Math	-0.22	0.0078	3883	-0.20	0.0090	2752	-0.12	0.0087	3625	-0.16	0.0097	2438
ACT Reading	-0.07	0.0089	3884	-0.09	0.0101	2749	-0.09	0.0098	3625	-0.11	0.0116	2432
ACT Science	-0.11	0.0089	3884	-0.09	0.0109	2750	-0.06	0.0099	3621	-0.09	0.0118	2430



**Effect Size by Subject Grade - Sex and EDS Split by Race/Ethnicity - Two or More - 2021**

	Sex and EDS Split by Race/Ethnicity											
	F_N			F_Y			M_N			M_Y		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.22	0.0037	24218	-0.33	0.0041	19865	-0.21	0.0037	24918	-0.30	0.0043	19339
Reading Grade 3	-0.11	0.0212	1150	-0.28	0.0196	1285	-0.10	0.0197	1179	-0.20	0.0199	1215
Reading Grade 4	-0.24	0.0187	1200	-0.43	0.0185	1204	-0.19	0.0189	1285	-0.34	0.0196	1212
Reading Grade 5	-0.15	0.0147	1245	-0.22	0.0155	1191	-0.12	0.0151	1272	-0.19	0.0161	1185
Reading Grade 6	-0.17	0.0142	1155	-0.17	0.0146	1175	-0.21	0.0142	1206	-0.22	0.0160	1206
Reading Grade 7	-0.20	0.0128	1316	-0.19	0.0140	1156	-0.22	0.0129	1399	-0.23	0.0150	1164
Reading Grade 8	-0.19	0.0126	1286	-0.18	0.0137	1123	-0.22	0.0134	1302	-0.19	0.0153	1030
English II	0.12	0.0124	1245	0.04	0.0152	882	0.02	0.0135	1362	-0.01	0.0167	925
Science Grade 5	-0.44	0.0172	1246	-0.62	0.0182	1181	-0.30	0.0181	1273	-0.45	0.0191	1188
Science Grade 8	-0.24	0.0144	1294	-0.32	0.0156	1129	-0.22	0.0146	1325	-0.27	0.0172	1046
Biology	-0.26	0.0141	1292	-0.38	0.0168	798	-0.29	0.0139	1395	-0.37	0.0181	819
Math Grade 5	-0.46	0.0176	1245	-0.65	0.0176	1191	-0.39	0.0181	1273	-0.55	0.0176	1180
Math Grade 6	-0.43	0.0166	1156	-0.55	0.0155	1180	-0.40	0.0151	1207	-0.51	0.0156	1209
Math Grade 7	-0.40	0.0147	1307	-0.50	0.0157	1156	-0.37	0.0144	1398	-0.46	0.0158	1163
Math Grade 8	-0.51	0.0230	778	-0.60	0.0203	918	-0.55	0.0213	871	-0.54	0.0209	881
NC Math 1	-0.40	0.0152	1322	-0.41	0.0167	1078	-0.38	0.0150	1363	-0.41	0.0168	1108
NC Math 3	-0.11	0.0170	1253	-0.21	0.0206	739	-0.12	0.0164	1320	-0.21	0.0224	675
ACT Composite	-0.06	0.0142	1196	-0.12	0.0171	643	-0.06	0.0155	1160	-0.13	0.0194	559
ACT English	0.02	0.0174	1197	-0.07	0.0197	644	-0.08	0.0169	1165	-0.15	0.0217	563
ACT Math	-0.16	0.0154	1196	-0.21	0.0182	644	-0.04	0.0169	1162	-0.14	0.0214	563
ACT Reading	-0.03	0.0172	1196	-0.07	0.0227	644	-0.06	0.0189	1161	-0.13	0.0259	563
ACT Science	-0.07	0.0166	1196	-0.10	0.0230	643	-0.04	0.0186	1160	-0.08	0.0251	560

**Effect Size by Subject Grade - Sex and EDS Split by Race/Ethnicity - White (not Hispanic) - 2021**

	Sex and EDS Split by Race/Ethnicity											
	F_N			F_Y			M_N			M_Y		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.17	0.0010	333853	-0.30	0.0018	96318	-0.17	0.0010	352046	-0.27	0.0019	100016
Reading Grade 3	-0.05	0.0056	14165	-0.14	0.0092	5440	-0.01	0.0055	15132	-0.10	0.0090	5726
Reading Grade 4	-0.15	0.0054	14696	-0.33	0.0088	5473	-0.12	0.0053	15641	-0.25	0.0088	5814
Reading Grade 5	-0.11	0.0041	15983	-0.21	0.0071	5647	-0.08	0.0041	16972	-0.16	0.0072	5870
Reading Grade 6	-0.20	0.0038	16078	-0.22	0.0067	5572	-0.24	0.0038	17077	-0.26	0.0069	6051
Reading Grade 7	-0.24	0.0035	17460	-0.24	0.0064	5749	-0.28	0.0036	18301	-0.27	0.0068	5982
Reading Grade 8	-0.21	0.0034	17258	-0.19	0.0065	5312	-0.26	0.0035	18766	-0.21	0.0068	5623
English II	0.08	0.0031	19317	0.04	0.0067	4639	-0.00	0.0033	20582	-0.02	0.0072	4951
Science Grade 5	-0.33	0.0048	15989	-0.49	0.0082	5641	-0.16	0.0048	16954	-0.30	0.0089	5838
Science Grade 8	-0.22	0.0038	17363	-0.29	0.0070	5328	-0.17	0.0039	18915	-0.21	0.0076	5683
Biology	-0.28	0.0036	18888	-0.35	0.0075	4318	-0.27	0.0037	19711	-0.32	0.0079	4488
Math Grade 5	-0.34	0.0049	15988	-0.55	0.0081	5648	-0.24	0.0047	16960	-0.46	0.0080	5841
Math Grade 6	-0.38	0.0044	16036	-0.54	0.0074	5563	-0.34	0.0041	17070	-0.48	0.0071	6045
Math Grade 7	-0.35	0.0040	17407	-0.48	0.0070	5753	-0.33	0.0039	18264	-0.43	0.0069	5957
Math Grade 8	-0.47	0.0068	9318	-0.58	0.0096	4401	-0.49	0.0063	10386	-0.56	0.0091	4708
NC Math 1	-0.33	0.0041	18394	-0.42	0.0074	5298	-0.35	0.0039	19978	-0.41	0.0073	5607
NC Math 3	-0.08	0.0043	18937	-0.18	0.0095	3809	-0.08	0.0044	19542	-0.16	0.0096	3762
ACT Composite	-0.01	0.0035	17894	-0.13	0.0074	3305	-0.04	0.0039	18256	-0.13	0.0087	3162
ACT English	0.09	0.0044	17910	-0.07	0.0088	3308	-0.07	0.0044	18276	-0.15	0.0096	3174
ACT Math	-0.11	0.0040	17904	-0.21	0.0082	3308	0.00	0.0044	18267	-0.14	0.0091	3166
ACT Reading	0.01	0.0043	17902	-0.09	0.0095	3308	-0.05	0.0047	18268	-0.11	0.0111	3165
ACT Science	-0.03	0.0042	17903	-0.11	0.0096	3307	-0.01	0.0047	18270	-0.08	0.0111	3165

**Effect Size by Subject Grade - Sex and EDS Split by Race/Ethnicity - American Indian/Alaskan Native - 2018**

	Sex and EDS Split by Race/Ethnicity											
	F_N			F_Y			M_N			M_Y		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	0.02	0.0063	6181	-0.02	0.0066	6374	-0.03	0.0068	6130	-0.05	0.0069	6509
Reading Grade 3	-0.03	0.0352	279	-0.10	0.0317	414	-0.01	0.0381	273	-0.07	0.0294	444
Reading Grade 4	0.02	0.0298	286	-0.03	0.0284	365	0.02	0.0316	282	-0.04	0.0262	398
Reading Grade 5	-0.05	0.0275	280	-0.12	0.0256	397	-0.00	0.0293	296	-0.13	0.0255	403
Reading Grade 6	0.05	0.0269	279	-0.04	0.0259	341	-0.09	0.0298	296	-0.11	0.0263	371
Reading Grade 7	0.09	0.0277	301	0.10	0.0263	343	0.07	0.0300	297	-0.01	0.0293	349
Reading Grade 8	0.12	0.0266	290	0.04	0.0283	288	-0.06	0.0289	317	-0.11	0.0309	308
English II	0.09	0.0252	359	0.01	0.0242	330	-0.09	0.0263	351	-0.08	0.0270	341
Science Grade 5	0.10	0.0352	276	0.05	0.0326	395	0.22	0.0340	290	0.18	0.0354	401
Science Grade 8	0.09	0.0296	290	-0.01	0.0288	291	0.04	0.0288	320	0.03	0.0321	307
Biology	0.18	0.0310	345	0.09	0.0347	297	0.13	0.0320	350	0.08	0.0375	299
Math Grade 5	0.01	0.0295	279	-0.12	0.0276	397	-0.04	0.0291	295	-0.19	0.0264	403
Math Grade 6	0.08	0.0305	279	0.07	0.0276	341	-0.02	0.0293	296	-0.03	0.0255	369
Math Grade 7	0.04	0.0254	301	0.01	0.0269	340	-0.01	0.0287	296	0.00	0.0276	346
Math Grade 8	-0.03	0.0358	202	-0.08	0.0341	250	-0.07	0.0335	248	-0.07	0.0324	261
NC Math 1	0.08	0.0279	380	-0.00	0.0270	385	-0.03	0.0305	363	-0.11	0.0271	414
ACT Composite	-0.10	0.0204	351	-0.05	0.0245	240	-0.12	0.0250	312	-0.09	0.0289	219
ACT English	-0.13	0.0253	351	-0.05	0.0280	240	-0.15	0.0285	312	-0.06	0.0305	219
ACT Math	-0.12	0.0224	351	-0.07	0.0299	240	-0.09	0.0274	312	-0.12	0.0324	219
ACT Reading	-0.05	0.0257	351	0.01	0.0305	240	-0.09	0.0298	312	-0.08	0.0369	219
ACT Science	-0.07	0.0256	351	-0.08	0.0337	240	-0.09	0.0332	312	-0.09	0.0413	219

**Effect Size by Subject Grade - Sex and EDS Split by Race/Ethnicity - Asian/Pacific Islander - 2018**

	Sex and EDS Split by Race/Ethnicity											
	F_N			F_Y			M_N			M_Y		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	0.14	0.0032	24014	0.10	0.0056	7655	0.16	0.0034	23319	0.08	0.0056	8634
Reading Grade 3	0.19	0.0153	1379	0.09	0.0290	409	0.23	0.0159	1413	0.02	0.0257	497
Reading Grade 4	0.04	0.0127	1349	0.03	0.0220	440	-0.01	0.0127	1447	-0.02	0.0221	470
Reading Grade 5	0.01	0.0121	1371	0.03	0.0223	406	-0.05	0.0124	1331	0.00	0.0225	464
Reading Grade 6	0.08	0.0115	1388	0.12	0.0196	464	0.08	0.0117	1372	0.06	0.0204	489
Reading Grade 7	0.10	0.0128	1190	0.16	0.0227	425	0.07	0.0125	1168	0.16	0.0222	423
Reading Grade 8	0.11	0.0123	1206	0.13	0.0230	366	0.04	0.0135	1090	0.07	0.0225	375
English II	0.12	0.0111	1204	0.17	0.0217	377	0.05	0.0119	1181	0.05	0.0207	456
Science Grade 5	0.01	0.0151	1358	0.07	0.0274	402	0.15	0.0155	1322	0.16	0.0258	462
Science Grade 8	0.10	0.0131	1206	0.17	0.0245	366	0.18	0.0151	1091	0.24	0.0279	374
Biology	0.18	0.0127	1298	0.24	0.0228	398	0.12	0.0139	1211	0.18	0.0247	476
Math Grade 5	0.17	0.0124	1370	0.14	0.0230	406	0.21	0.0121	1331	0.14	0.0218	464
Math Grade 6	0.28	0.0119	1387	0.22	0.0230	464	0.27	0.0122	1373	0.17	0.0224	489
Math Grade 7	0.17	0.0125	1189	0.19	0.0227	426	0.14	0.0123	1167	0.13	0.0240	423
Math Grade 8	0.23	0.0284	315	0.18	0.0372	223	0.23	0.0305	306	0.15	0.0363	245
NC Math 1	0.20	0.0133	1318	0.14	0.0254	428	0.27	0.0135	1245	0.11	0.0228	502
ACT Composite	0.19	0.0153	1096	-0.01	0.0234	331	0.26	0.0172	1053	-0.02	0.0249	405
ACT English	0.27	0.0201	1098	-0.05	0.0283	331	0.26	0.0207	1055	-0.06	0.0289	405
ACT Math	0.22	0.0184	1097	-0.04	0.0290	331	0.42	0.0213	1055	0.06	0.0309	405
ACT Reading	0.13	0.0169	1097	0.09	0.0283	331	0.12	0.0179	1053	-0.06	0.0271	405
ACT Science	0.07	0.0170	1098	-0.07	0.0274	331	0.22	0.0191	1055	0.00	0.0280	405

**Effect Size by Subject Grade - Sex and EDS Split by Race/Ethnicity - Black (not Hispanic) - 2018**

	Sex and EDS Split by Race/Ethnicity											
	F_N			F_Y			M_N			M_Y		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.01	0.0016	94702	-0.05	0.0012	165654	-0.06	0.0017	95311	-0.09	0.0013	164655
Reading Grade 3	-0.08	0.0094	4206	-0.19	0.0061	9672	-0.14	0.0098	4255	-0.25	0.0065	9732
Reading Grade 4	0.01	0.0072	4580	-0.05	0.0051	9724	-0.06	0.0075	4716	-0.13	0.0053	9943
Reading Grade 5	-0.03	0.0069	4563	-0.09	0.0050	9095	-0.10	0.0072	4720	-0.15	0.0052	9349
Reading Grade 6	0.05	0.0067	4422	-0.03	0.0047	9309	-0.05	0.0068	4751	-0.13	0.0052	9498
Reading Grade 7	0.11	0.0066	4638	0.07	0.0049	8475	0.03	0.0071	4535	-0.01	0.0054	8579
Reading Grade 8	0.12	0.0069	4338	0.06	0.0054	7754	-0.00	0.0073	4436	-0.05	0.0057	7881
English II	0.08	0.0059	5268	0.03	0.0049	8354	-0.07	0.0064	5360	-0.12	0.0054	8618
Science Grade 5	-0.06	0.0084	4496	-0.13	0.0062	8998	0.03	0.0090	4680	-0.05	0.0067	9232
Science Grade 8	-0.01	0.0076	4350	-0.07	0.0059	7784	0.03	0.0082	4458	-0.05	0.0062	7892
Biology	0.10	0.0069	5407	0.05	0.0059	8389	0.05	0.0073	5402	0.02	0.0063	8318
Math Grade 5	0.00	0.0073	4560	-0.04	0.0053	9070	-0.05	0.0073	4714	-0.10	0.0054	9331
Math Grade 6	0.01	0.0076	4411	-0.08	0.0052	9290	-0.06	0.0071	4747	-0.12	0.0051	9493
Math Grade 7	0.08	0.0068	4638	0.01	0.0051	8451	-0.00	0.0071	4528	-0.02	0.0053	8548
Math Grade 8	0.00	0.0096	3106	-0.03	0.0066	6691	-0.04	0.0094	3521	-0.05	0.0064	7113
NC Math 1	0.04	0.0071	5128	0.01	0.0053	9210	-0.03	0.0071	5294	-0.06	0.0053	9484
ACT Composite	-0.12	0.0056	5303	-0.09	0.0049	7053	-0.13	0.0066	5001	-0.11	0.0059	6282
ACT English	-0.12	0.0068	5324	-0.13	0.0057	7084	-0.14	0.0076	5063	-0.13	0.0067	6361
ACT Math	-0.11	0.0065	5322	-0.08	0.0057	7089	-0.07	0.0073	5053	-0.05	0.0064	6349
ACT Reading	-0.05	0.0067	5323	-0.01	0.0058	7083	-0.12	0.0079	5045	-0.07	0.0069	6339
ACT Science	-0.16	0.0073	5319	-0.14	0.0065	7079	-0.17	0.0085	5032	-0.14	0.0075	6313

**Effect Size by Subject Grade - Sex and EDS Split by Race/Ethnicity - Hispanic - 2018**

	Sex and EDS Split by Race/Ethnicity											
	F_N			F_Y			M_N			M_Y		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	0.03	0.0020	63502	0.01	0.0015	107890	0.01	0.0021	62884	-0.02	0.0016	112050
Reading Grade 3	0.03	0.0102	3513	-0.07	0.0073	6273	0.01	0.0105	3666	-0.10	0.0074	6666
Reading Grade 4	0.03	0.0078	3764	-0.02	0.0060	6522	-0.03	0.0080	3882	-0.09	0.0061	6780
Reading Grade 5	0.02	0.0074	3820	-0.01	0.0059	6405	-0.02	0.0079	3793	-0.08	0.0060	6652
Reading Grade 6	0.09	0.0076	3306	0.03	0.0055	6601	0.00	0.0079	3362	-0.05	0.0057	6946
Reading Grade 7	0.14	0.0078	3151	0.15	0.0058	5897	0.09	0.0089	3059	0.07	0.0060	6231
Reading Grade 8	0.15	0.0081	2896	0.13	0.0064	5071	0.04	0.0087	2969	0.01	0.0067	5336
English II	0.15	0.0078	3087	0.12	0.0060	5238	-0.02	0.0087	3084	-0.04	0.0065	5519
Science Grade 5	-0.02	0.0092	3792	-0.09	0.0072	6360	0.12	0.0099	3768	0.04	0.0075	6602
Science Grade 8	0.02	0.0094	2898	-0.01	0.0070	5070	0.13	0.0100	2979	0.09	0.0075	5359
Biology	0.12	0.0093	3085	0.12	0.0075	5049	0.12	0.0099	3088	0.10	0.0078	5135
Math Grade 5	0.08	0.0081	3811	0.05	0.0063	6398	0.06	0.0083	3789	0.03	0.0065	6639
Math Grade 6	0.07	0.0086	3304	0.01	0.0062	6598	0.00	0.0086	3357	-0.04	0.0060	6934
Math Grade 7	0.09	0.0085	3147	0.07	0.0063	5881	0.05	0.0086	3056	0.04	0.0062	6220
Math Grade 8	0.03	0.0122	2058	0.03	0.0081	4236	0.04	0.0118	2182	0.01	0.0083	4567
NC Math 1	0.04	0.0089	3265	0.04	0.0067	5831	0.02	0.0097	3147	-0.01	0.0066	6311
ACT Composite	-0.09	0.0074	2916	-0.10	0.0062	4088	-0.10	0.0088	2732	-0.12	0.0069	4018
ACT English	-0.10	0.0093	2920	-0.15	0.0074	4093	-0.15	0.0103	2747	-0.16	0.0079	4035
ACT Math	-0.12	0.0089	2924	-0.12	0.0070	4095	-0.06	0.0101	2741	-0.08	0.0075	4035
ACT Reading	-0.01	0.0092	2923	-0.01	0.0075	4093	-0.09	0.0106	2740	-0.09	0.0085	4035
ACT Science	-0.10	0.0094	2922	-0.10	0.0080	4091	-0.08	0.0112	2743	-0.11	0.0089	4030

**Effect Size by Subject Grade - Sex and EDS Split by Race/Ethnicity - Two or More - 2018**

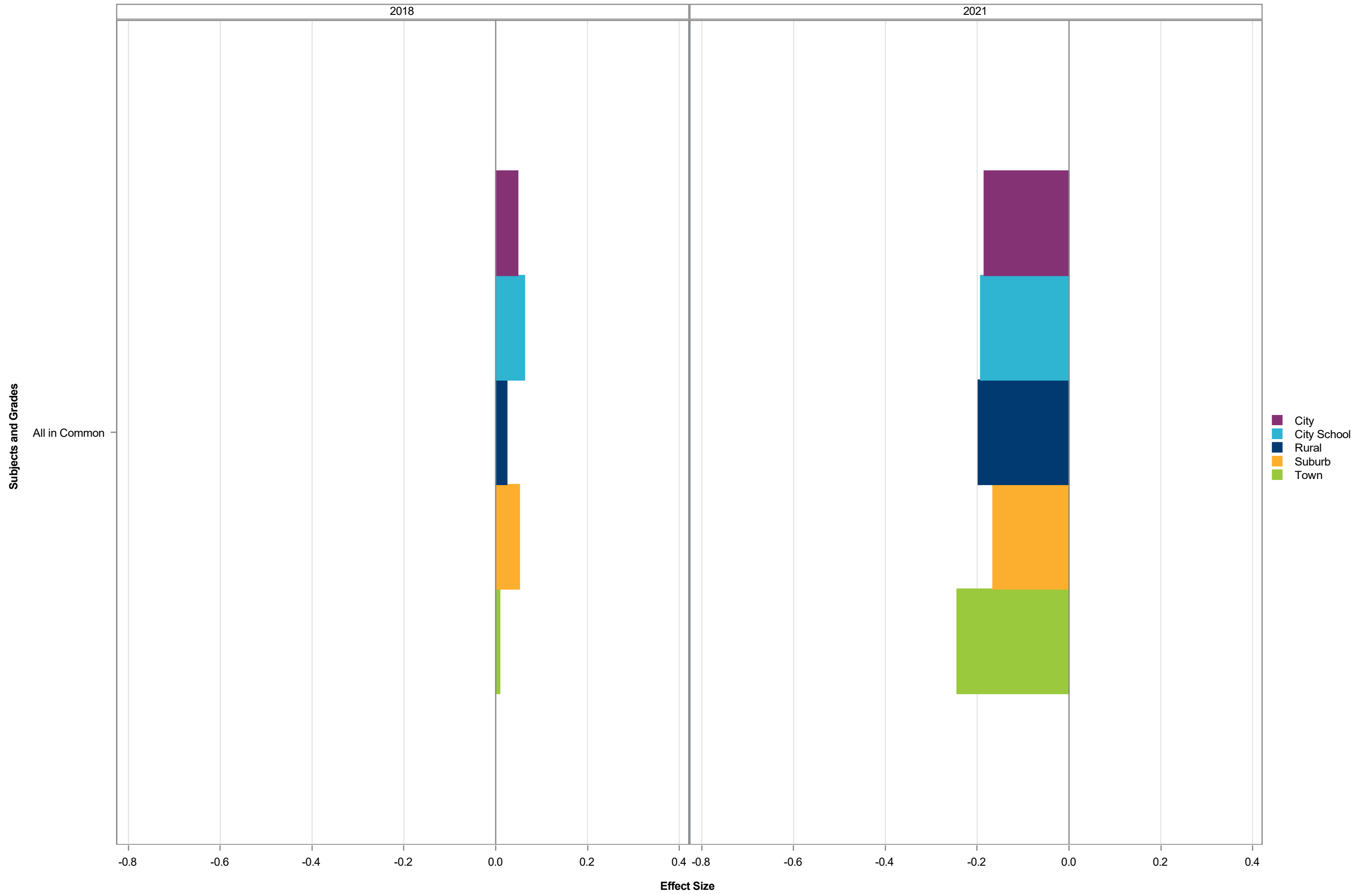
	Sex and EDS Split by Race/Ethnicity											
	F_N			F_Y			M_N			M_Y		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	0.04	0.0033	22348	-0.01	0.0035	21020	0.02	0.0036	21978	-0.05	0.0037	21423
Reading Grade 3	0.09	0.0190	1004	-0.04	0.0172	1263	0.10	0.0200	1054	-0.04	0.0177	1267
Reading Grade 4	0.04	0.0145	1161	0.01	0.0143	1359	0.00	0.0145	1212	-0.06	0.0143	1416
Reading Grade 5	0.01	0.0135	1192	-0.03	0.0132	1290	-0.07	0.0145	1144	-0.10	0.0149	1230
Reading Grade 6	0.06	0.0138	1117	-0.00	0.0130	1270	-0.02	0.0138	1149	-0.12	0.0138	1315
Reading Grade 7	0.14	0.0137	1026	0.08	0.0142	1088	0.05	0.0143	1103	-0.01	0.0151	1172
Reading Grade 8	0.11	0.0135	1147	0.10	0.0149	1009	0.00	0.0143	1137	-0.04	0.0158	1085
English II	0.11	0.0121	1234	0.06	0.0142	1002	-0.07	0.0139	1161	-0.11	0.0159	1026
Science Grade 5	-0.03	0.0166	1177	-0.08	0.0159	1270	0.10	0.0175	1132	0.06	0.0183	1198
Science Grade 8	0.03	0.0143	1150	-0.01	0.0156	1017	0.11	0.0155	1141	0.06	0.0172	1084
Biology	0.09	0.0143	1205	0.08	0.0162	968	0.10	0.0163	1110	0.10	0.0189	952
Math Grade 5	0.01	0.0144	1191	-0.06	0.0142	1287	0.02	0.0157	1140	-0.10	0.0159	1225
Math Grade 6	0.08	0.0147	1117	-0.07	0.0138	1266	-0.01	0.0146	1149	-0.12	0.0139	1311
Math Grade 7	0.06	0.0142	1025	0.02	0.0148	1090	0.03	0.0136	1103	-0.02	0.0141	1163
Math Grade 8	0.05	0.0196	684	-0.00	0.0188	822	0.05	0.0202	672	-0.05	0.0176	935
NC Math 1	0.03	0.0143	1234	0.03	0.0147	1201	0.04	0.0143	1239	-0.05	0.0146	1243
ACT Composite	0.00	0.0128	1135	-0.06	0.0147	763	-0.01	0.0157	1062	-0.12	0.0169	754
ACT English	0.02	0.0157	1137	-0.05	0.0170	764	-0.06	0.0177	1067	-0.13	0.0190	765
ACT Math	0.00	0.0150	1138	-0.10	0.0174	763	0.07	0.0174	1069	-0.08	0.0184	765
ACT Reading	0.03	0.0157	1138	0.01	0.0181	764	-0.06	0.0180	1068	-0.11	0.0206	763
ACT Science	-0.05	0.0164	1136	-0.11	0.0193	764	0.01	0.0197	1066	-0.13	0.0215	754

**Effect Size by Subject Grade - Sex and EDS Split by Race/Ethnicity - White (not Hispanic) - 2018**

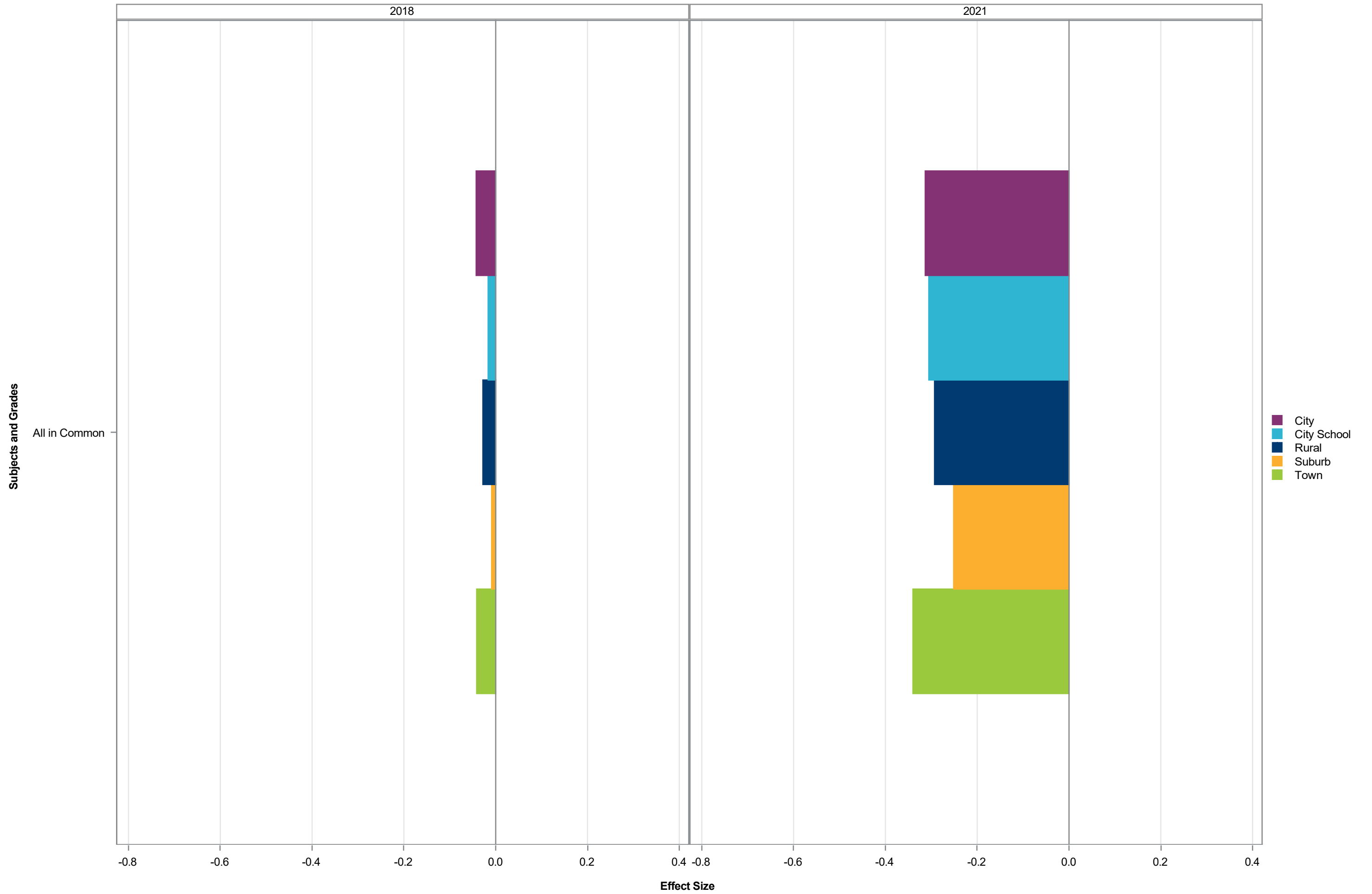
	Sex and EDS Split by Race/Ethnicity											
	F_N			F_Y			M_N			M_Y		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	0.07	0.0008	371397	0.01	0.0014	127008	0.03	0.0008	388139	-0.04	0.0015	136839
Reading Grade 3	0.13	0.0047	16665	0.02	0.0073	7382	0.13	0.0047	17857	0.04	0.0074	7940
Reading Grade 4	0.05	0.0036	18294	0.01	0.0058	7746	0.00	0.0036	19163	-0.05	0.0059	8189
Reading Grade 5	0.00	0.0035	17900	-0.01	0.0058	7324	-0.04	0.0034	19268	-0.06	0.0059	7877
Reading Grade 6	0.05	0.0032	18658	0.01	0.0056	7417	0.00	0.0034	19278	-0.07	0.0059	7833
Reading Grade 7	0.09	0.0033	18406	0.11	0.0057	6747	0.04	0.0034	19554	0.03	0.0061	7271
Reading Grade 8	0.11	0.0034	18058	0.07	0.0062	6041	-0.01	0.0035	19084	-0.07	0.0064	6942
English II	0.10	0.0029	20403	0.04	0.0058	6317	-0.08	0.0032	21083	-0.18	0.0063	6945
Science Grade 5	-0.04	0.0040	17777	-0.05	0.0067	7224	0.10	0.0041	19140	0.07	0.0070	7763
Science Grade 8	0.03	0.0035	18123	0.03	0.0064	6054	0.11	0.0037	19158	0.11	0.0067	6968
Biology	0.13	0.0033	20309	0.12	0.0065	5990	0.08	0.0035	21215	0.09	0.0070	6528
Math Grade 5	0.04	0.0036	17890	-0.04	0.0059	7313	0.05	0.0036	19262	-0.07	0.0061	7858
Math Grade 6	0.10	0.0035	18642	-0.03	0.0059	7424	0.05	0.0034	19277	-0.09	0.0057	7819
Math Grade 7	0.10	0.0033	18400	0.04	0.0059	6741	0.04	0.0032	19549	-0.02	0.0058	7253
Math Grade 8	0.11	0.0053	9548	0.02	0.0075	5040	0.06	0.0052	10696	-0.03	0.0071	5953
NC Math 1	0.09	0.0034	20169	0.02	0.0062	6922	0.04	0.0034	21296	-0.06	0.0060	7853
ACT Composite	0.06	0.0030	20422	-0.03	0.0056	5064	0.01	0.0035	20624	-0.10	0.0064	5154
ACT English	0.10	0.0038	20438	-0.02	0.0068	5067	-0.03	0.0039	20671	-0.11	0.0070	5183
ACT Math	0.03	0.0036	20436	-0.06	0.0065	5066	0.10	0.0041	20665	-0.07	0.0071	5178
ACT Reading	0.06	0.0038	20431	0.02	0.0072	5064	-0.05	0.0041	20654	-0.10	0.0079	5167
ACT Science	0.02	0.0036	20428	-0.06	0.0074	5065	0.05	0.0043	20645	-0.09	0.0084	5165



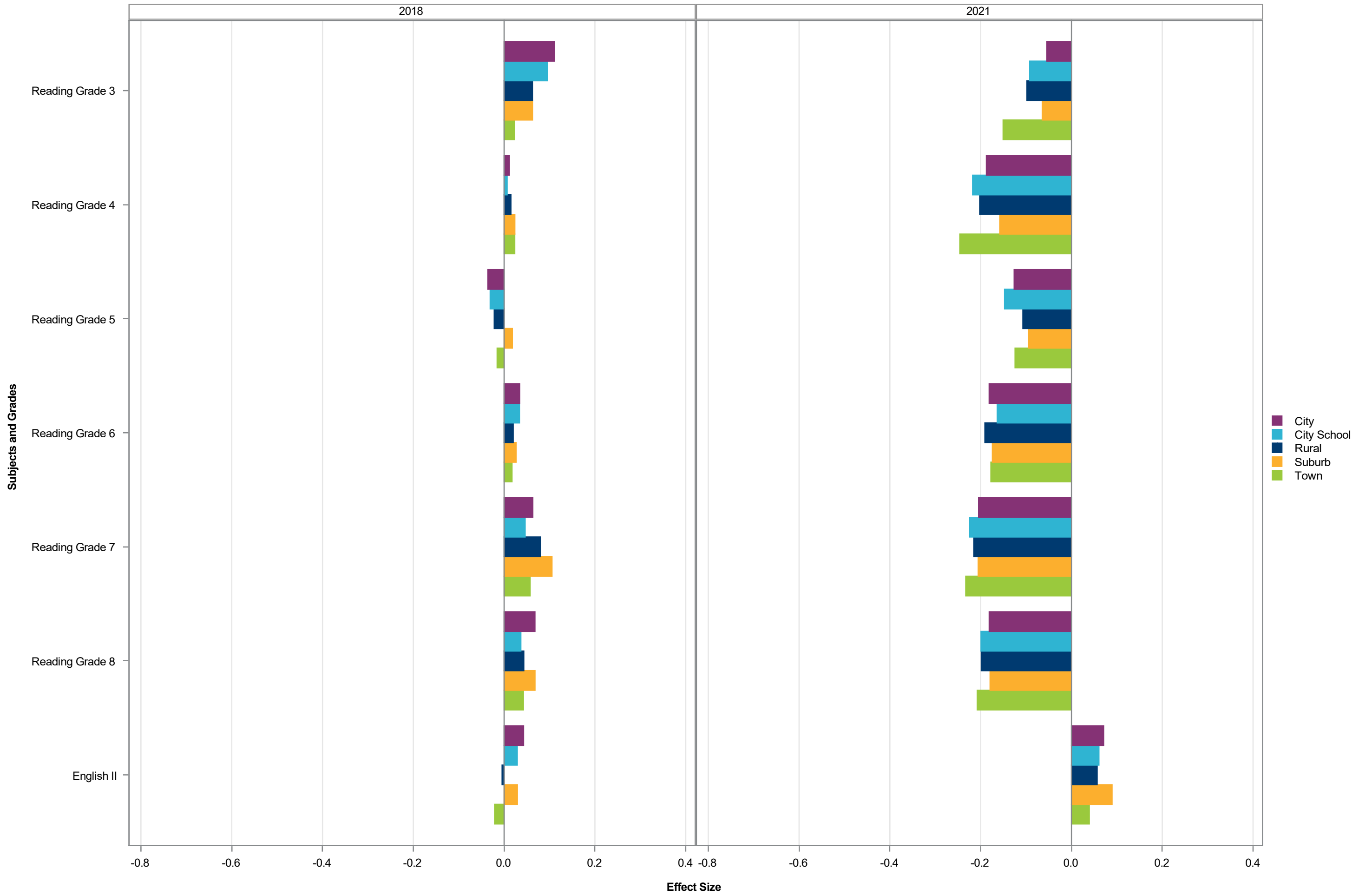
# Effect Size by Subject Grade - Urbanicity Split by Economically Disadvantaged - N



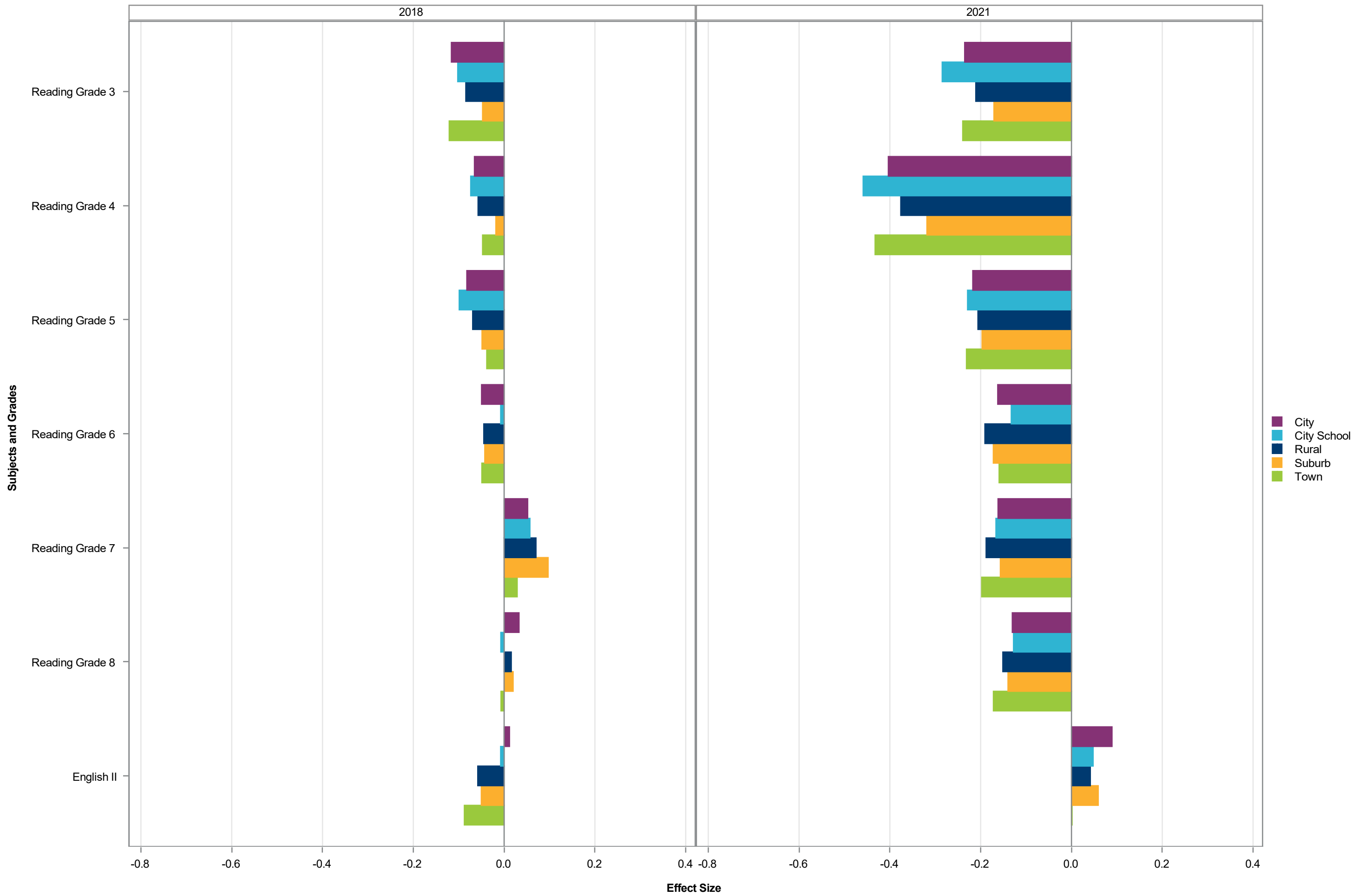
# Effect Size by Subject Grade - Urbanicity Split by Economically Disadvantaged - Y



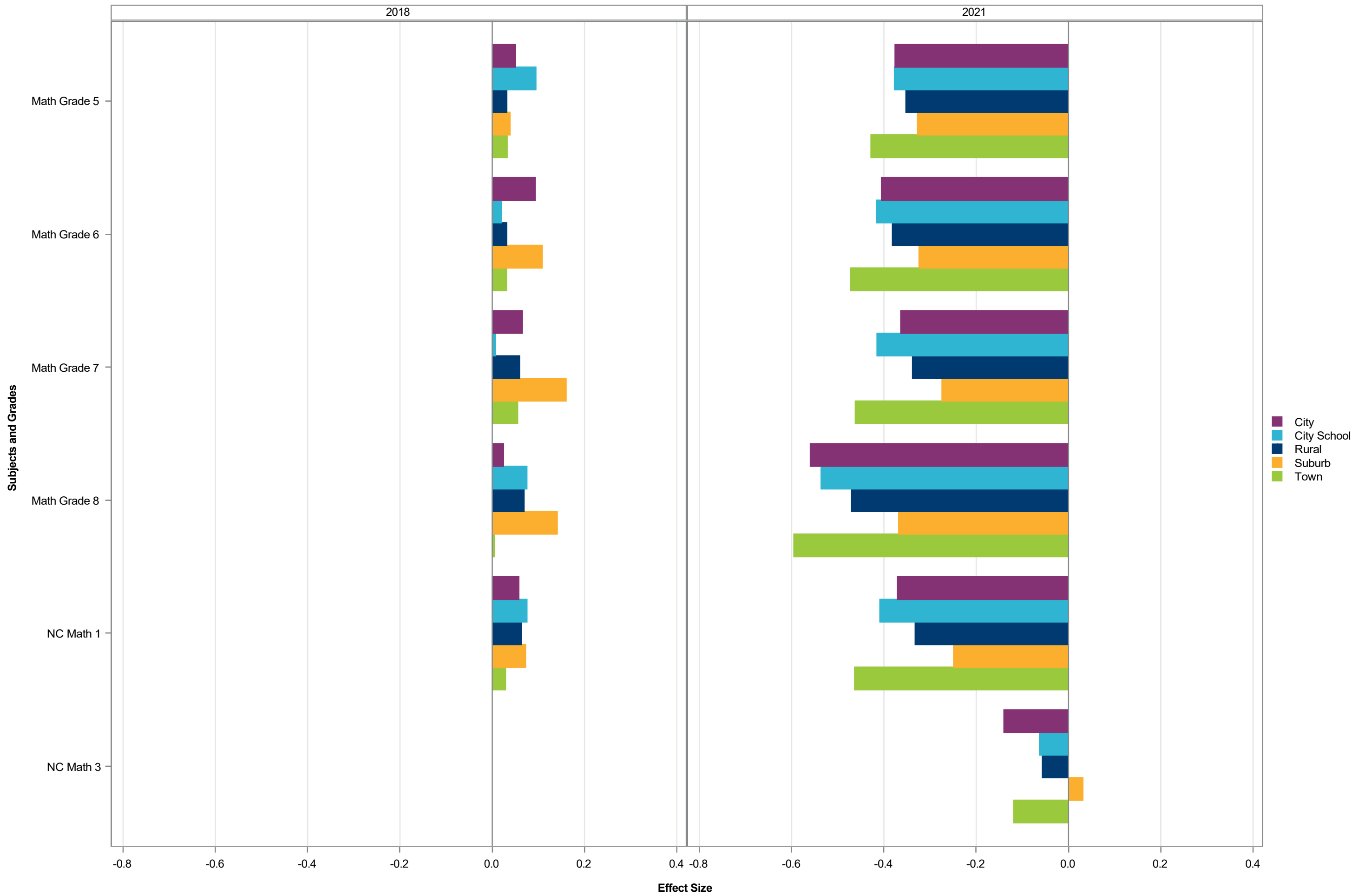
# Effect Size by Subject Grade - Urbanicity Split by Economically Disadvantaged - N



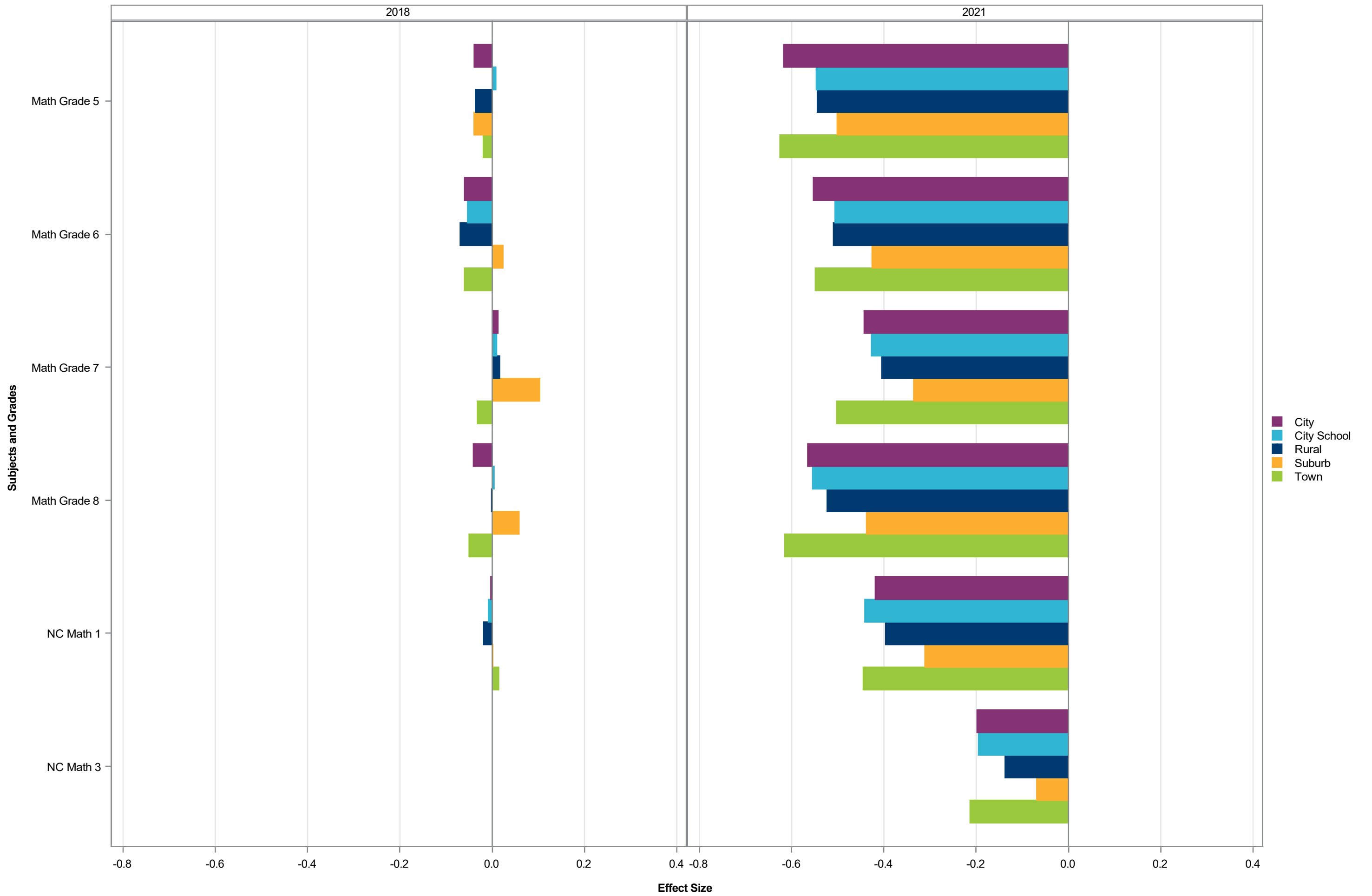
# Effect Size by Subject Grade - Urbanicity Split by Economically Disadvantaged - Y



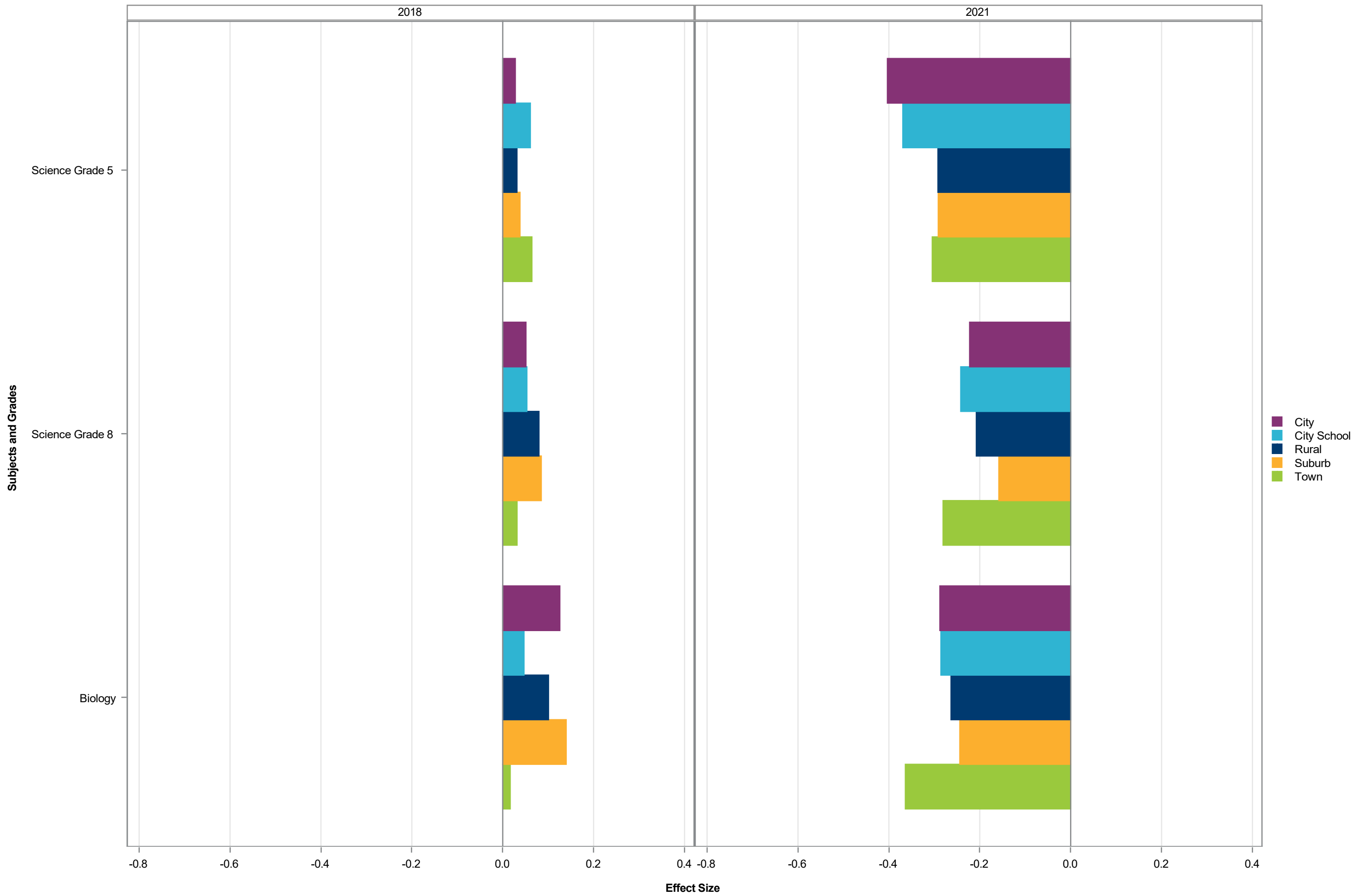
# Effect Size by Subject Grade - Urbanicity Split by Economically Disadvantaged - N



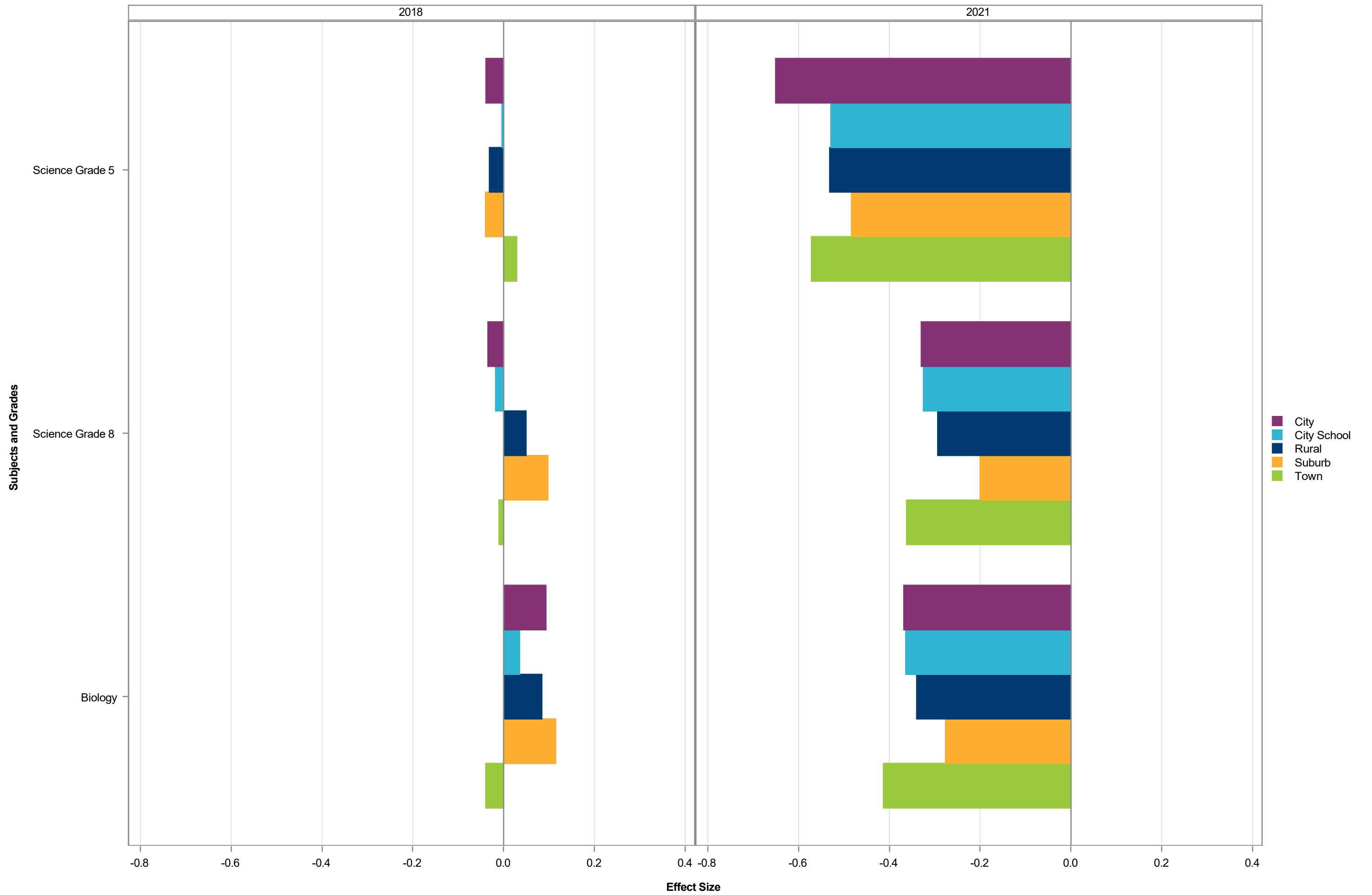
Effect Size by Subject Grade - Urbanicity Split by Economically Disadvantaged - Y



# Effect Size by Subject Grade - Urbanicity Split by Economically Disadvantaged - N

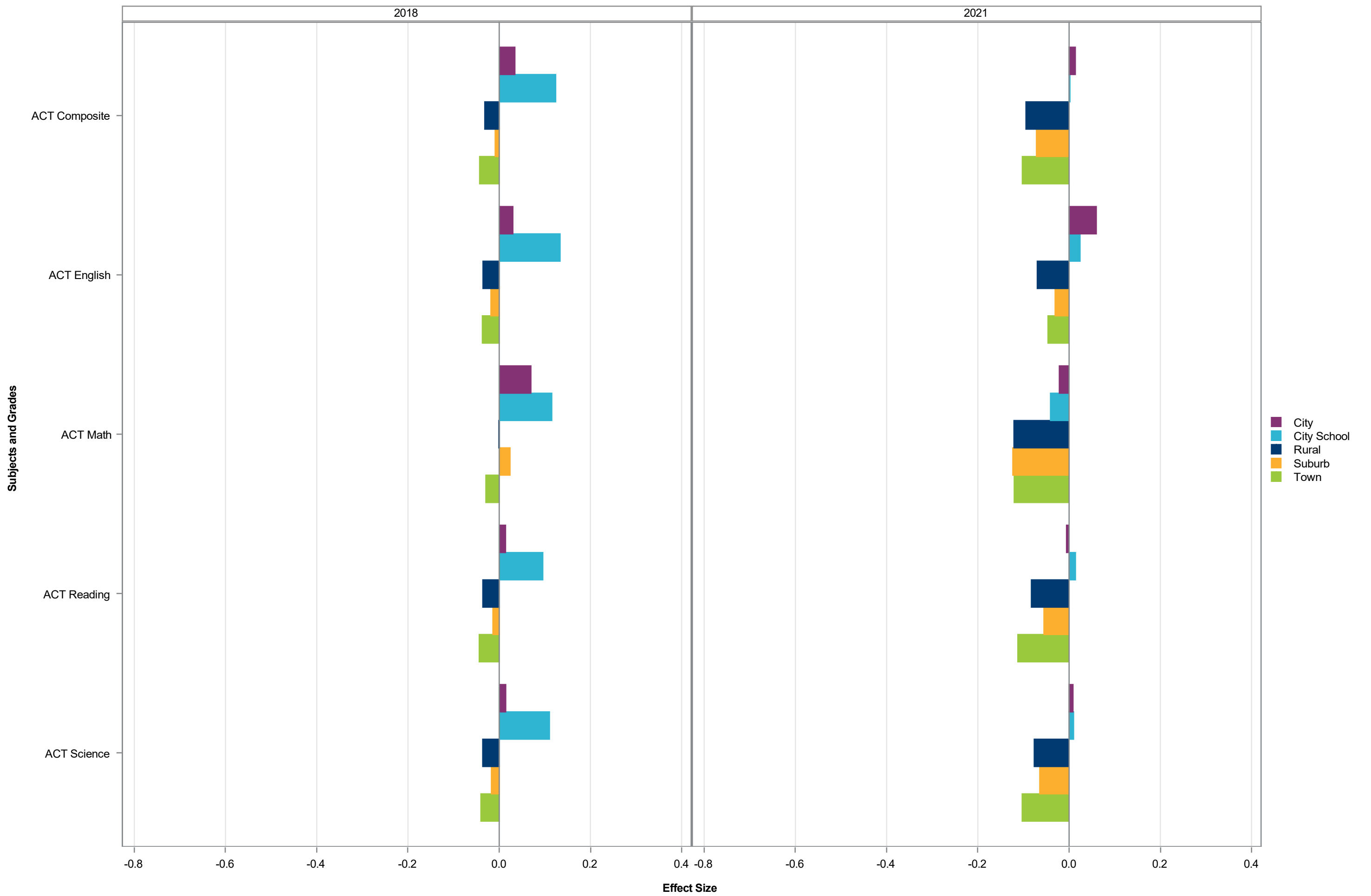


Effect Size by Subject Grade - Urbanicity Split by Economically Disadvantaged - Y

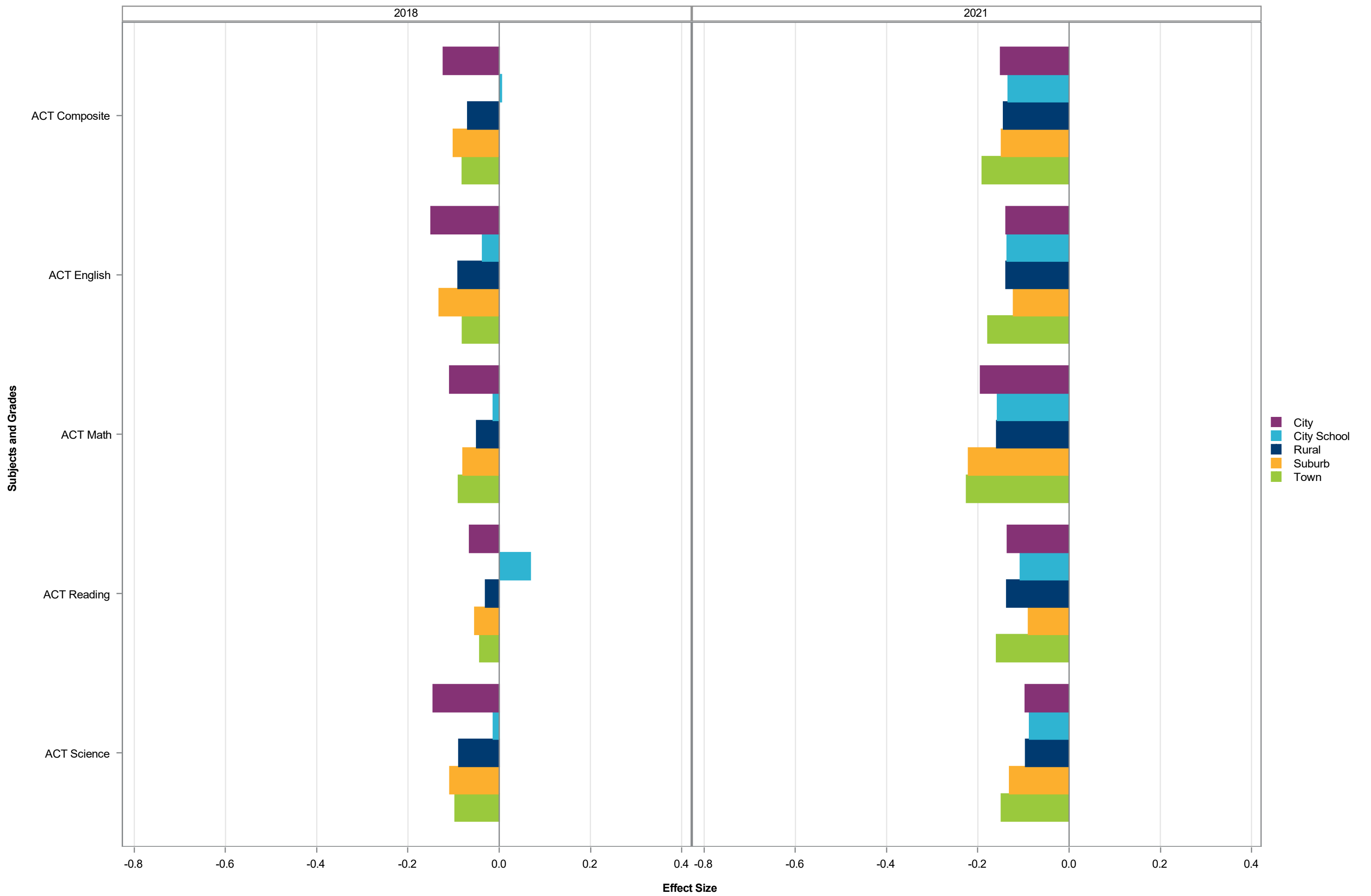




Effect Size by Subject Grade - Urbanicity Split by Economically Disadvantaged - N



# Effect Size by Subject Grade - Urbanicity Split by Economically Disadvantaged - Y



**Effect Size by Subject Grade - Urbanicity Split by Economically Disadvantaged - N - 2021**

	Urbanicity Split by Economically Disadvantaged														
	City			City School			Rural			Suburb			Town		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.18	0.0009	443165	-0.19	0.0030	39541	-0.20	0.0008	542101	-0.17	0.0020	77664	-0.24	0.0023	63638
Reading Grade 3	-0.05	0.0048	20584	-0.09	0.0156	1789	-0.10	0.0045	22526	-0.06	0.0121	3095	-0.15	0.0139	2495
Reading Grade 4	-0.19	0.0046	21635	-0.22	0.0153	1840	-0.20	0.0044	23390	-0.16	0.0120	3057	-0.25	0.0129	2760
Reading Grade 5	-0.13	0.0034	23210	-0.15	0.0122	1847	-0.11	0.0033	25392	-0.09	0.0088	3680	-0.12	0.0094	3074
Reading Grade 6	-0.18	0.0033	22084	-0.16	0.0114	1920	-0.19	0.0030	26592	-0.17	0.0079	3843	-0.18	0.0087	3139
Reading Grade 7	-0.20	0.0031	23632	-0.22	0.0104	2104	-0.22	0.0028	28885	-0.21	0.0073	4172	-0.23	0.0081	3525
Reading Grade 8	-0.18	0.0031	22991	-0.20	0.0104	2064	-0.20	0.0027	29488	-0.18	0.0069	4247	-0.21	0.0078	3568
English II	0.07	0.0029	25823	0.06	0.0102	2073	0.06	0.0025	31681	0.09	0.0068	4397	0.04	0.0076	3676
Science Grade 5	-0.40	0.0041	23176	-0.37	0.0146	1847	-0.29	0.0041	25389	-0.29	0.0103	3688	-0.30	0.0120	3072
Science Grade 8	-0.22	0.0034	23063	-0.24	0.0116	2088	-0.21	0.0030	29692	-0.16	0.0077	4286	-0.28	0.0088	3607
Biology	-0.29	0.0032	25718	-0.29	0.0111	2128	-0.26	0.0029	29983	-0.24	0.0074	4301	-0.36	0.0082	3522
Math Grade 5	-0.38	0.0041	23180	-0.38	0.0147	1848	-0.35	0.0040	25391	-0.33	0.0102	3688	-0.43	0.0114	3073
Math Grade 6	-0.41	0.0038	22047	-0.42	0.0127	1912	-0.38	0.0034	26556	-0.32	0.0088	3844	-0.47	0.0096	3140
Math Grade 7	-0.36	0.0035	23586	-0.41	0.0113	2093	-0.34	0.0031	28855	-0.27	0.0083	4173	-0.46	0.0085	3523
Math Grade 8	-0.56	0.0058	11473	-0.54	0.0190	1183	-0.47	0.0046	19721	-0.37	0.0122	2895	-0.60	0.0137	2119
NC Math 1	-0.37	0.0036	24939	-0.41	0.0116	2288	-0.33	0.0031	31431	-0.25	0.0077	4481	-0.46	0.0087	3619
NC Math 3	-0.14	0.0038	25009	-0.06	0.0130	2099	-0.06	0.0034	29618	0.03	0.0089	4240	-0.12	0.0101	3539
ACT Composite	0.01	0.0037	21177	0.00	0.0118	2102	-0.09	0.0029	27406	-0.07	0.0077	3959	-0.10	0.0088	3143
ACT English	0.06	0.0043	21223	0.02	0.0139	2105	-0.07	0.0033	27438	-0.03	0.0092	3965	-0.05	0.0103	3148
ACT Math	-0.02	0.0042	21209	-0.04	0.0128	2103	-0.12	0.0032	27430	-0.12	0.0088	3962	-0.12	0.0096	3145
ACT Reading	-0.01	0.0043	21204	0.01	0.0139	2104	-0.08	0.0036	27429	-0.06	0.0093	3966	-0.11	0.0107	3145
ACT Science	0.01	0.0042	21211	0.01	0.0137	2103	-0.08	0.0035	27426	-0.06	0.0094	3965	-0.10	0.0107	3145

**Effect Size by Subject Grade - Urbanicity Split by Economically Disadvantaged - Y - 2021**

	Urbanicity Split by Economically Disadvantaged														
	City			City School			Rural			Suburb			Town		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.31	0.0012	239718	-0.31	0.0034	28278	-0.29	0.0010	329530	-0.25	0.0026	47032	-0.34	0.0029	40742
Reading Grade 3	-0.24	0.0059	13688	-0.28	0.0177	1522	-0.21	0.0050	18557	-0.17	0.0131	2624	-0.24	0.0142	2356
Reading Grade 4	-0.40	0.0057	13670	-0.46	0.0170	1609	-0.38	0.0048	18628	-0.32	0.0129	2649	-0.43	0.0140	2353
Reading Grade 5	-0.22	0.0044	14058	-0.23	0.0132	1708	-0.21	0.0038	19303	-0.20	0.0102	2697	-0.23	0.0105	2476
Reading Grade 6	-0.16	0.0041	14526	-0.13	0.0125	1641	-0.19	0.0037	19707	-0.17	0.0096	2704	-0.16	0.0103	2491
Reading Grade 7	-0.16	0.0041	14337	-0.17	0.0117	1735	-0.19	0.0035	19789	-0.16	0.0095	2803	-0.20	0.0098	2518
Reading Grade 8	-0.13	0.0042	13154	-0.13	0.0117	1625	-0.15	0.0035	18530	-0.14	0.0091	2685	-0.17	0.0100	2372
English II	0.09	0.0042	12443	0.05	0.0125	1283	0.04	0.0036	16131	0.06	0.0099	2301	0.00	0.0107	1944
Science Grade 5	-0.65	0.0052	13952	-0.53	0.0154	1705	-0.53	0.0047	19270	-0.48	0.0123	2706	-0.57	0.0131	2455
Science Grade 8	-0.33	0.0046	13120	-0.33	0.0124	1638	-0.29	0.0039	18663	-0.20	0.0102	2697	-0.36	0.0109	2382
Biology	-0.37	0.0047	12011	-0.36	0.0139	1257	-0.34	0.0041	14359	-0.28	0.0110	2061	-0.41	0.0119	1690
Math Grade 5	-0.62	0.0049	14014	-0.55	0.0142	1695	-0.54	0.0044	19281	-0.50	0.0114	2710	-0.63	0.0120	2466
Math Grade 6	-0.55	0.0045	14509	-0.51	0.0128	1634	-0.51	0.0039	19708	-0.43	0.0103	2707	-0.55	0.0110	2490
Math Grade 7	-0.44	0.0044	14298	-0.43	0.0127	1748	-0.40	0.0038	19772	-0.34	0.0100	2794	-0.50	0.0104	2520
Math Grade 8	-0.57	0.0058	10506	-0.55	0.0164	1426	-0.52	0.0049	16144	-0.44	0.0128	2382	-0.61	0.0142	1902
NC Math 1	-0.42	0.0045	14130	-0.44	0.0142	1546	-0.40	0.0039	18303	-0.31	0.0106	2653	-0.44	0.0113	2226
NC Math 3	-0.20	0.0057	10110	-0.20	0.0173	1048	-0.14	0.0050	12516	-0.07	0.0136	1798	-0.21	0.0142	1603
ACT Composite	-0.15	0.0055	7439	-0.13	0.0151	899	-0.14	0.0043	10662	-0.15	0.0115	1569	-0.19	0.0132	1219
ACT English	-0.14	0.0063	7477	-0.14	0.0166	905	-0.14	0.0048	10685	-0.12	0.0132	1574	-0.18	0.0148	1222
ACT Math	-0.19	0.0060	7470	-0.16	0.0166	904	-0.16	0.0047	10685	-0.22	0.0120	1572	-0.23	0.0138	1221
ACT Reading	-0.14	0.0069	7460	-0.11	0.0192	899	-0.14	0.0055	10678	-0.09	0.0143	1572	-0.16	0.0160	1220
ACT Science	-0.10	0.0070	7456	-0.09	0.0196	899	-0.10	0.0056	10675	-0.13	0.0149	1572	-0.15	0.0170	1219

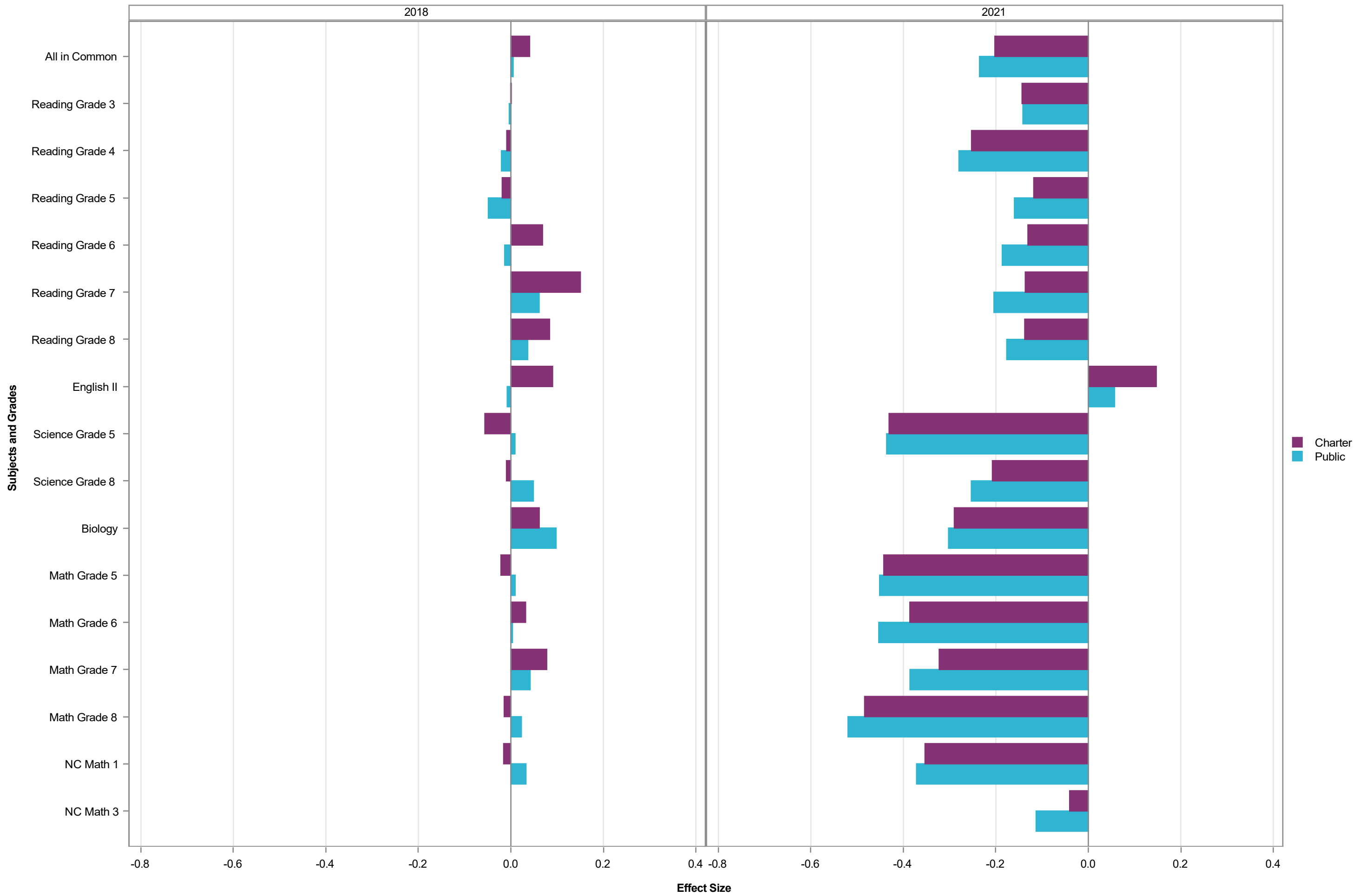
**Effect Size by Subject Grade - Urbanicity Split by Economically Disadvantaged - N - 2018**

	Urbanicity Split by Economically Disadvantaged														
	City			City School			Rural			Suburb			Town		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	0.05	0.0008	473030	0.06	0.0025	44207	0.02	0.0007	520839	0.05	0.0019	73274	0.01	0.0021	59706
Reading Grade 3	0.11	0.0039	24280	0.10	0.0140	1984	0.06	0.0041	23595	0.06	0.0113	2962	0.02	0.0127	2418
Reading Grade 4	0.01	0.0031	25673	0.01	0.0107	2113	0.01	0.0031	25510	0.02	0.0085	3647	0.02	0.0093	2787
Reading Grade 5	-0.04	0.0030	25083	-0.03	0.0106	2110	-0.02	0.0030	25485	0.02	0.0078	3678	-0.02	0.0087	2912
Reading Grade 6	0.03	0.0029	24701	0.03	0.0097	2143	0.02	0.0029	25535	0.03	0.0076	3707	0.02	0.0082	3035
Reading Grade 7	0.06	0.0030	23644	0.05	0.0101	2097	0.08	0.0029	25781	0.11	0.0078	3619	0.06	0.0084	3008
Reading Grade 8	0.07	0.0031	22833	0.04	0.0106	2025	0.04	0.0030	25157	0.07	0.0077	3669	0.04	0.0086	2985
English II	0.04	0.0029	24507	0.03	0.0087	2560	-0.00	0.0027	28576	0.03	0.0071	4060	-0.02	0.0078	3421
Science Grade 5	0.03	0.0036	24892	0.06	0.0128	2094	0.03	0.0036	25283	0.04	0.0094	3651	0.06	0.0108	2883
Science Grade 8	0.05	0.0033	22915	0.05	0.0112	2033	0.08	0.0032	25243	0.08	0.0078	3685	0.03	0.0093	2987
Biology	0.13	0.0031	25174	0.05	0.0096	2731	0.10	0.0030	28238	0.14	0.0080	3962	0.02	0.0089	3246
Math Grade 5	0.05	0.0031	25065	0.09	0.0108	2109	0.03	0.0031	25467	0.04	0.0082	3673	0.03	0.0090	2909
Math Grade 6	0.09	0.0031	24682	0.02	0.0099	2142	0.03	0.0031	25518	0.11	0.0079	3705	0.03	0.0090	3035
Math Grade 7	0.07	0.0029	23638	0.01	0.0100	2095	0.06	0.0028	25764	0.16	0.0078	3615	0.06	0.0088	3008
Math Grade 8	0.02	0.0052	11174	0.08	0.0160	1101	0.07	0.0041	17011	0.14	0.0108	2400	0.01	0.0133	1603
NC Math 1	0.06	0.0031	25166	0.08	0.0102	2509	0.06	0.0029	28537	0.07	0.0081	3836	0.03	0.0092	3498
ACT Composite	0.03	0.0032	23846	0.12	0.0101	2471	-0.03	0.0026	27998	-0.01	0.0071	3878	-0.04	0.0079	3191
ACT English	0.03	0.0038	23964	0.13	0.0120	2473	-0.04	0.0031	28042	-0.02	0.0087	3883	-0.04	0.0096	3197
ACT Math	0.07	0.0038	23942	0.12	0.0119	2473	-0.00	0.0031	28046	0.02	0.0086	3883	-0.03	0.0089	3196
ACT Reading	0.01	0.0037	23932	0.10	0.0113	2472	-0.04	0.0032	28033	-0.01	0.0087	3881	-0.04	0.0096	3194
ACT Science	0.01	0.0039	23919	0.11	0.0121	2472	-0.04	0.0033	28020	-0.02	0.0090	3880	-0.04	0.0101	3193

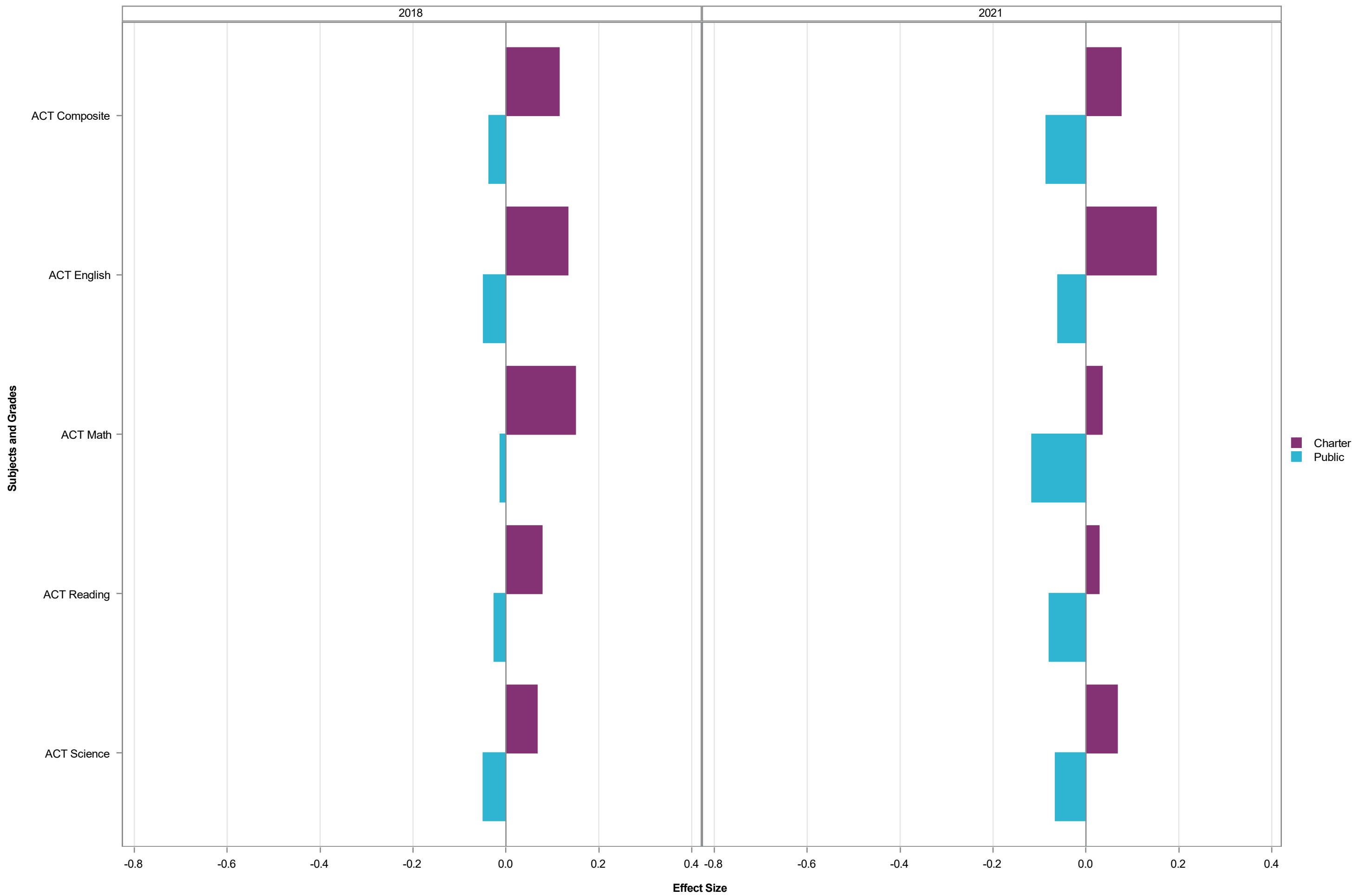
**Effect Size by Subject Grade - Urbanicity Split by Economically Disadvantaged - Y - 2018**

	Urbanicity Split by Economically Disadvantaged														
	City			City School			Rural			Suburb			Town		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.04	0.0009	313533	-0.02	0.0028	33252	-0.03	0.0008	412734	-0.01	0.0021	61083	-0.04	0.0023	53570
Reading Grade 3	-0.12	0.0045	19062	-0.10	0.0135	2064	-0.08	0.0041	23777	-0.05	0.0108	3314	-0.12	0.0114	3019
Reading Grade 4	-0.07	0.0037	19355	-0.07	0.0113	2130	-0.06	0.0033	24447	-0.02	0.0087	3536	-0.05	0.0089	3152
Reading Grade 5	-0.08	0.0036	17936	-0.10	0.0108	2047	-0.07	0.0033	23725	-0.05	0.0089	3418	-0.04	0.0089	3067
Reading Grade 6	-0.05	0.0036	18646	-0.01	0.0104	1910	-0.04	0.0031	24126	-0.04	0.0081	3526	-0.05	0.0085	3256
Reading Grade 7	0.05	0.0037	16616	0.06	0.0116	1768	0.07	0.0032	22086	0.10	0.0082	3230	0.03	0.0089	2881
Reading Grade 8	0.03	0.0040	15014	-0.01	0.0131	1533	0.02	0.0035	19855	0.02	0.0091	3051	-0.01	0.0098	2583
English II	0.01	0.0039	15403	-0.01	0.0120	1592	-0.06	0.0034	20970	-0.05	0.0089	3138	-0.09	0.0092	2725
Science Grade 5	-0.04	0.0046	17722	-0.00	0.0135	2026	-0.03	0.0039	23467	-0.04	0.0102	3370	0.03	0.0113	3029
Science Grade 8	-0.03	0.0043	15051	-0.02	0.0138	1530	0.05	0.0038	19922	0.10	0.0093	3052	-0.01	0.0106	2592
Biology	0.09	0.0044	15565	0.04	0.0124	1670	0.08	0.0040	19568	0.11	0.0098	2907	-0.04	0.0109	2397
Math Grade 5	-0.04	0.0039	17904	0.01	0.0116	2041	-0.04	0.0034	23668	-0.04	0.0089	3420	-0.02	0.0093	3060
Math Grade 6	-0.06	0.0037	18619	-0.05	0.0111	1909	-0.07	0.0032	24104	0.02	0.0086	3526	-0.06	0.0088	3253
Math Grade 7	0.01	0.0037	16581	0.01	0.0115	1760	0.02	0.0033	22036	0.10	0.0086	3220	-0.03	0.0095	2871
Math Grade 8	-0.04	0.0048	12434	0.00	0.0145	1319	-0.00	0.0041	17544	0.06	0.0104	2744	-0.05	0.0124	1921
NC Math 1	-0.00	0.0039	17765	-0.01	0.0117	1774	-0.02	0.0033	22883	0.00	0.0090	3375	0.01	0.0102	3237
ACT Composite	-0.12	0.0042	11898	0.01	0.0121	1234	-0.07	0.0033	16085	-0.10	0.0087	2450	-0.08	0.0090	2100
ACT English	-0.15	0.0048	12011	-0.04	0.0146	1237	-0.09	0.0038	16131	-0.13	0.0101	2452	-0.08	0.0107	2108
ACT Math	-0.11	0.0047	12005	-0.01	0.0137	1237	-0.05	0.0037	16124	-0.08	0.0097	2452	-0.09	0.0101	2109
ACT Reading	-0.07	0.0050	11982	0.07	0.0147	1237	-0.03	0.0040	16118	-0.05	0.0105	2451	-0.04	0.0111	2107
ACT Science	-0.14	0.0054	11964	-0.01	0.0153	1234	-0.09	0.0043	16098	-0.11	0.0114	2451	-0.10	0.0122	2103

# Effect Size by Subject Grade - School Designation



# Effect Size by Subject Grade - School Designation





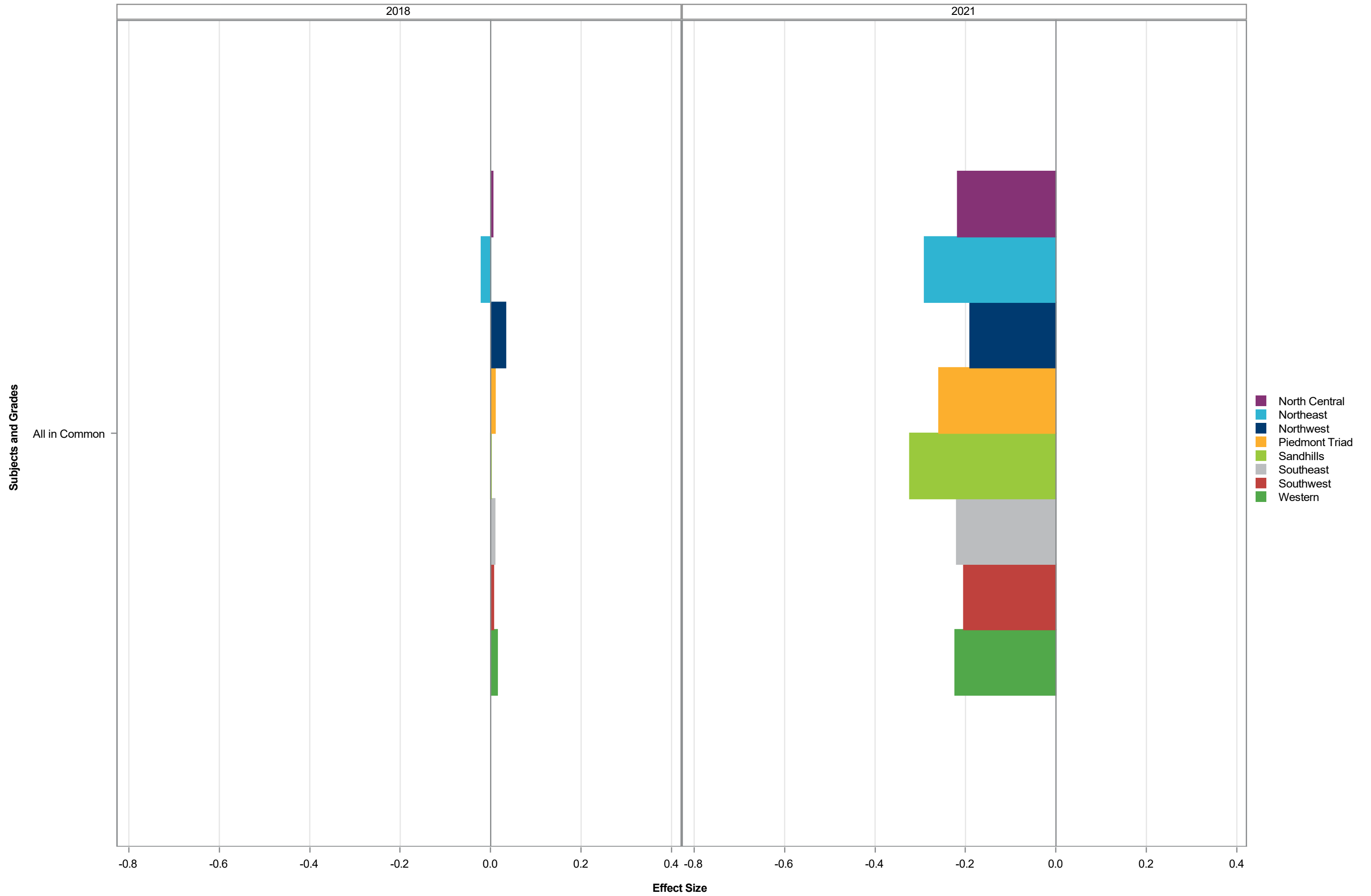
### Effect Size by Subject Grade - School Designation - 2021

Assessment	School Designation					
	Charter			Public		
	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.20	0.0016	141210	-0.24	0.0004	1709228
Reading Grade 3	-0.14	0.0091	6244	-0.14	0.0024	82956
Reading Grade 4	-0.25	0.0090	6123	-0.28	0.0023	85436
Reading Grade 5	-0.12	0.0056	9302	-0.16	0.0018	88034
Reading Grade 6	-0.13	0.0050	9901	-0.19	0.0017	88711
Reading Grade 7	-0.14	0.0049	9735	-0.20	0.0016	93716
Reading Grade 8	-0.14	0.0051	8547	-0.18	0.0016	92131
English II	0.15	0.0061	5337	0.06	0.0015	96386
Science Grade 5	-0.43	0.0067	9269	-0.44	0.0022	87882
Science Grade 8	-0.21	0.0056	8626	-0.25	0.0017	92563
Biology	-0.29	0.0066	5224	-0.30	0.0017	91775
Math Grade 5	-0.44	0.0065	9303	-0.45	0.0021	87933
Math Grade 6	-0.39	0.0056	9872	-0.45	0.0019	88640
Math Grade 7	-0.32	0.0053	9716	-0.39	0.0018	93597
Math Grade 8	-0.48	0.0086	5698	-0.52	0.0025	64010
NC Math 1	-0.35	0.0064	6821	-0.37	0.0017	98764
NC Math 3	-0.04	0.0085	4653	-0.11	0.0020	86909
ACT Composite	0.08	0.0081	4297	-0.09	0.0018	75242
ACT English	0.15	0.0097	4298	-0.06	0.0021	75408
ACT Math	0.03	0.0088	4299	-0.12	0.0020	75366
ACT Reading	0.03	0.0098	4299	-0.08	0.0022	75342
ACT Science	0.07	0.0094	4299	-0.07	0.0022	75336

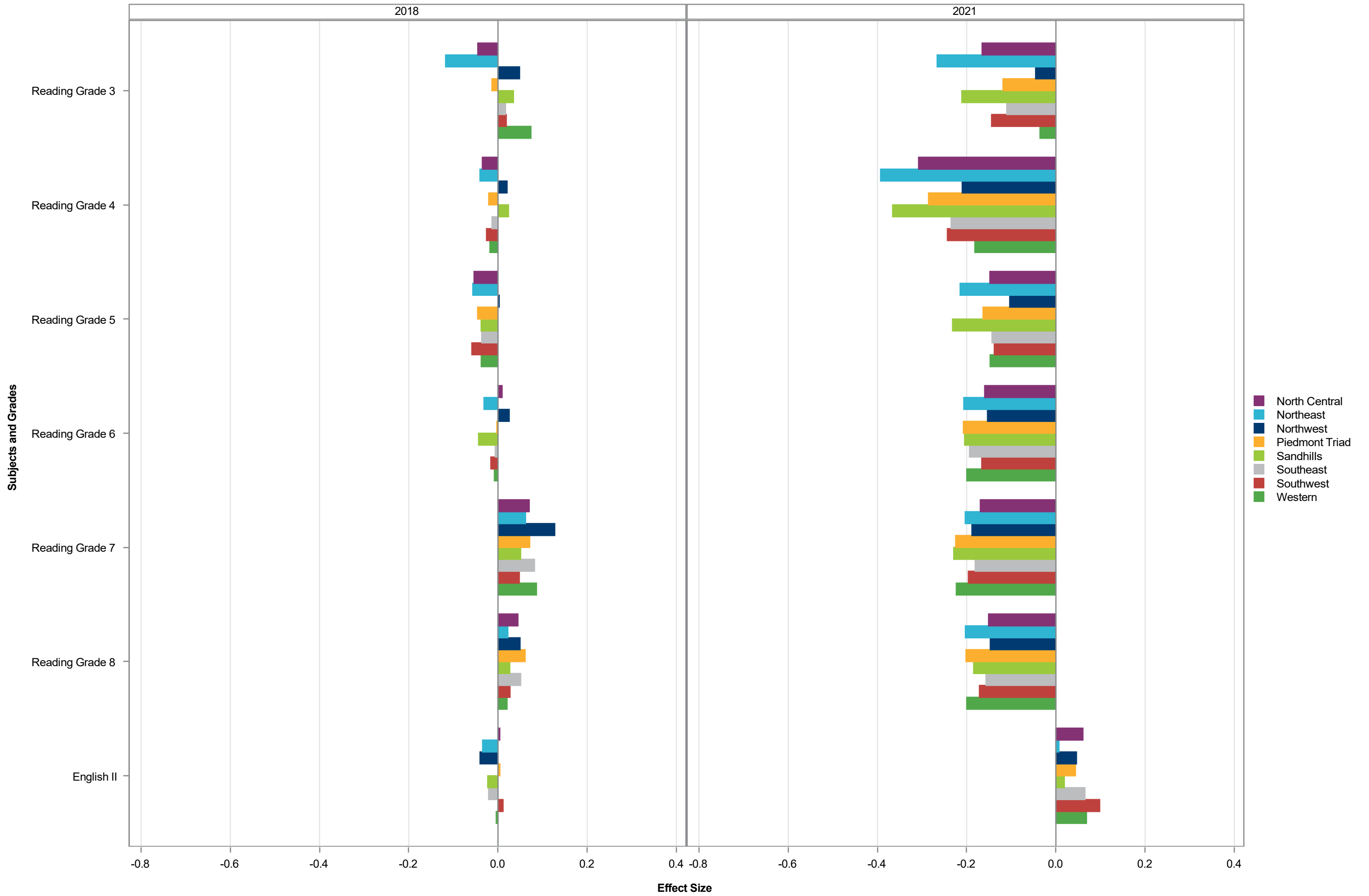
### Effect Size by Subject Grade - School Designation - 2018

Assessment	School Designation					
	Charter			Public		
	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	0.04	0.0015	122951	0.00	0.0004	1921837
Reading Grade 3	-0.00	0.0090	5514	-0.00	0.0020	100947
Reading Grade 4	-0.01	0.0058	7808	-0.02	0.0016	104527
Reading Grade 5	-0.02	0.0055	7858	-0.05	0.0015	101603
Reading Grade 6	0.07	0.0049	8785	-0.01	0.0015	101785
Reading Grade 7	0.15	0.0051	7984	0.06	0.0015	96730
Reading Grade 8	0.08	0.0056	7044	0.04	0.0016	91653
English II	0.09	0.0067	4471	-0.01	0.0015	102424
Science Grade 5	-0.06	0.0068	7762	0.01	0.0019	100655
Science Grade 8	-0.01	0.0060	7069	0.05	0.0017	91933
Biology	0.06	0.0071	4826	0.10	0.0016	100579
Math Grade 5	-0.02	0.0059	7845	0.01	0.0016	101471
Math Grade 6	0.03	0.0053	8772	0.00	0.0016	101706
Math Grade 7	0.08	0.0052	7977	0.04	0.0015	96595
Math Grade 8	-0.01	0.0083	4322	0.02	0.0021	64926
NC Math 1	-0.02	0.0064	6098	0.03	0.0016	106442
ACT Composite	0.11	0.0079	3751	-0.04	0.0015	91364
ACT English	0.13	0.0094	3774	-0.05	0.0018	91688
ACT Math	0.15	0.0093	3772	-0.01	0.0017	91659
ACT Reading	0.08	0.0093	3765	-0.03	0.0018	91606
ACT Science	0.07	0.0098	3754	-0.05	0.0019	91544

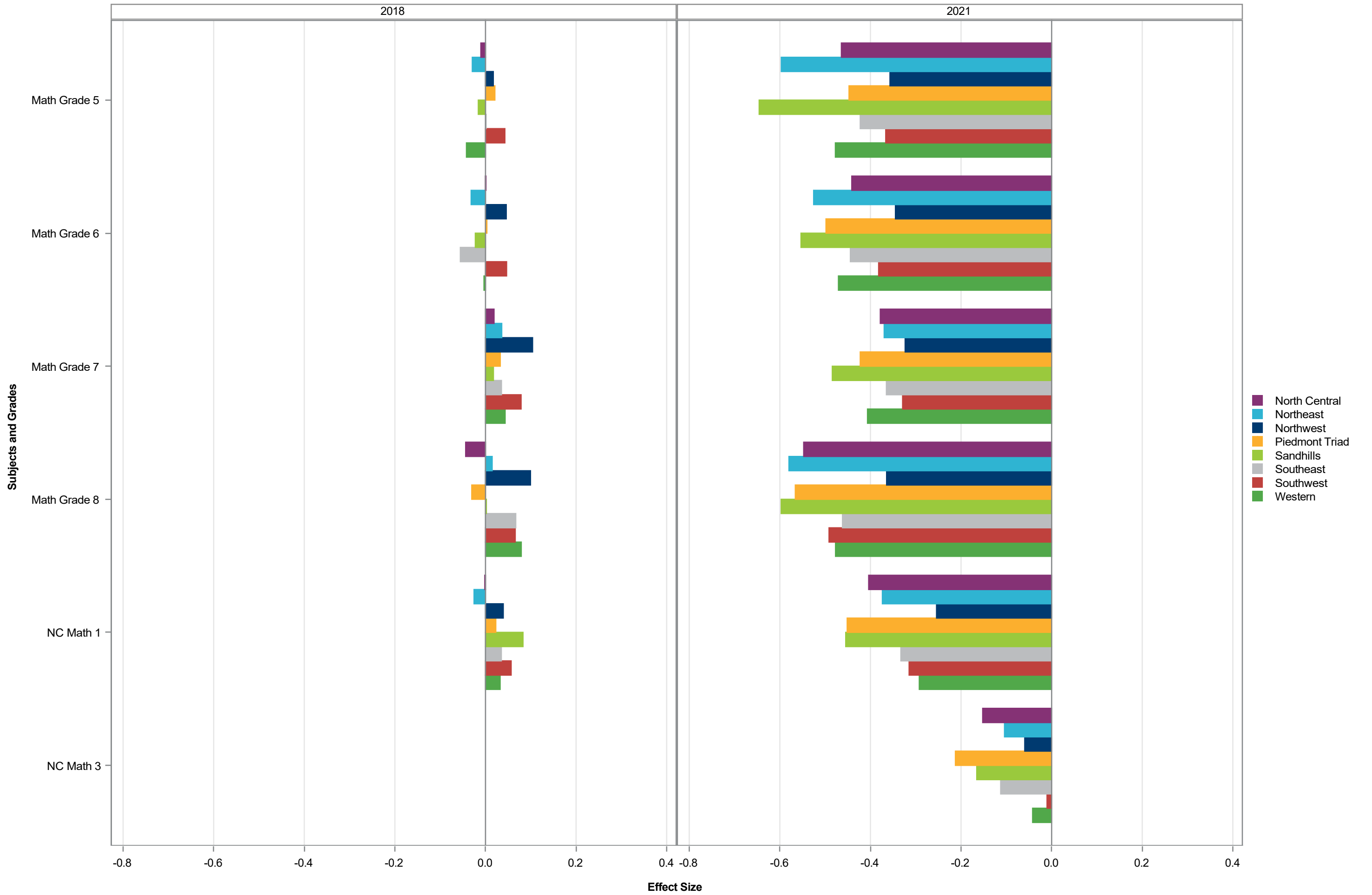
# Effect Size by Subject Grade - SBE Region



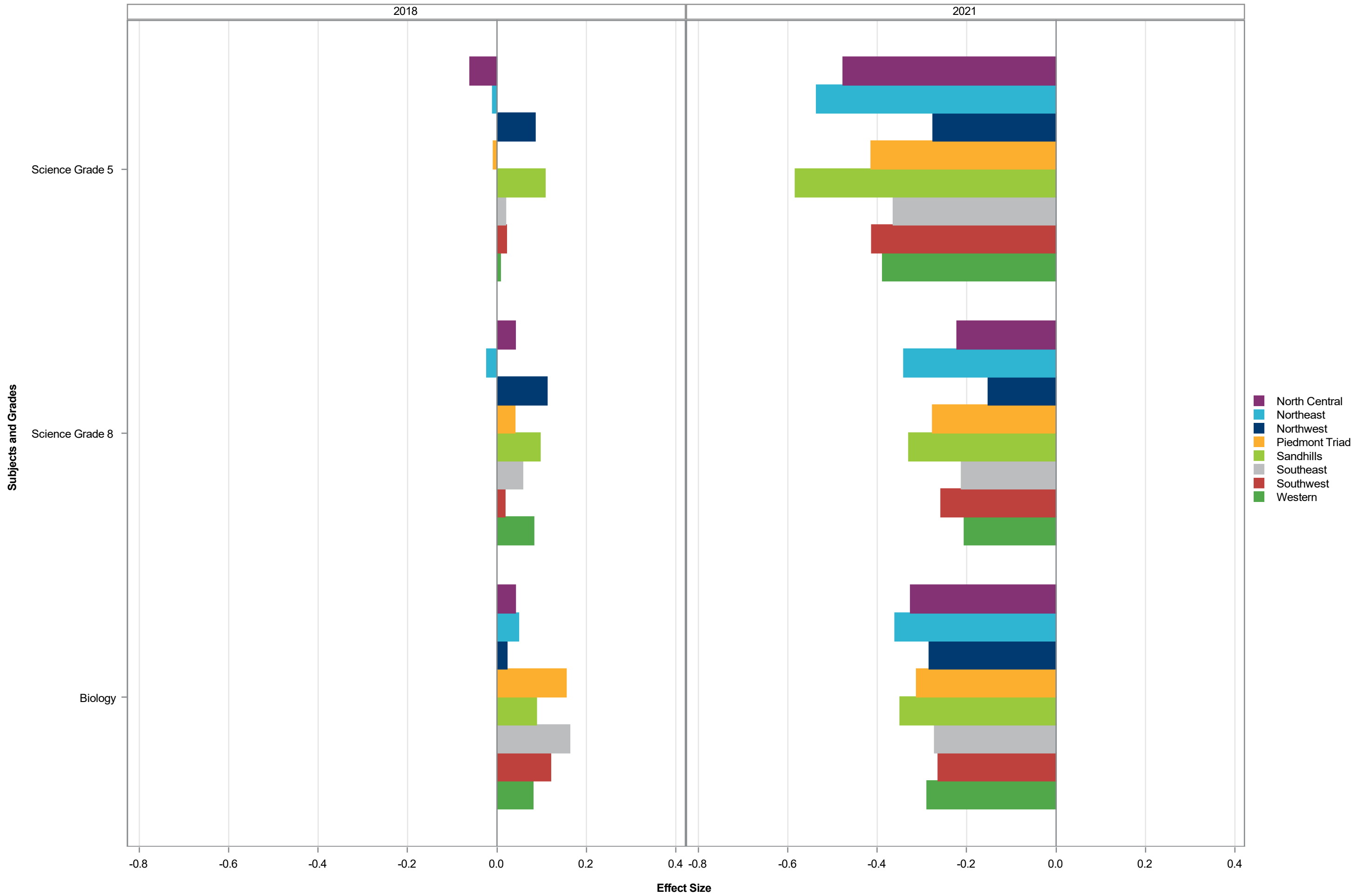
# Effect Size by Subject Grade - SBE Region



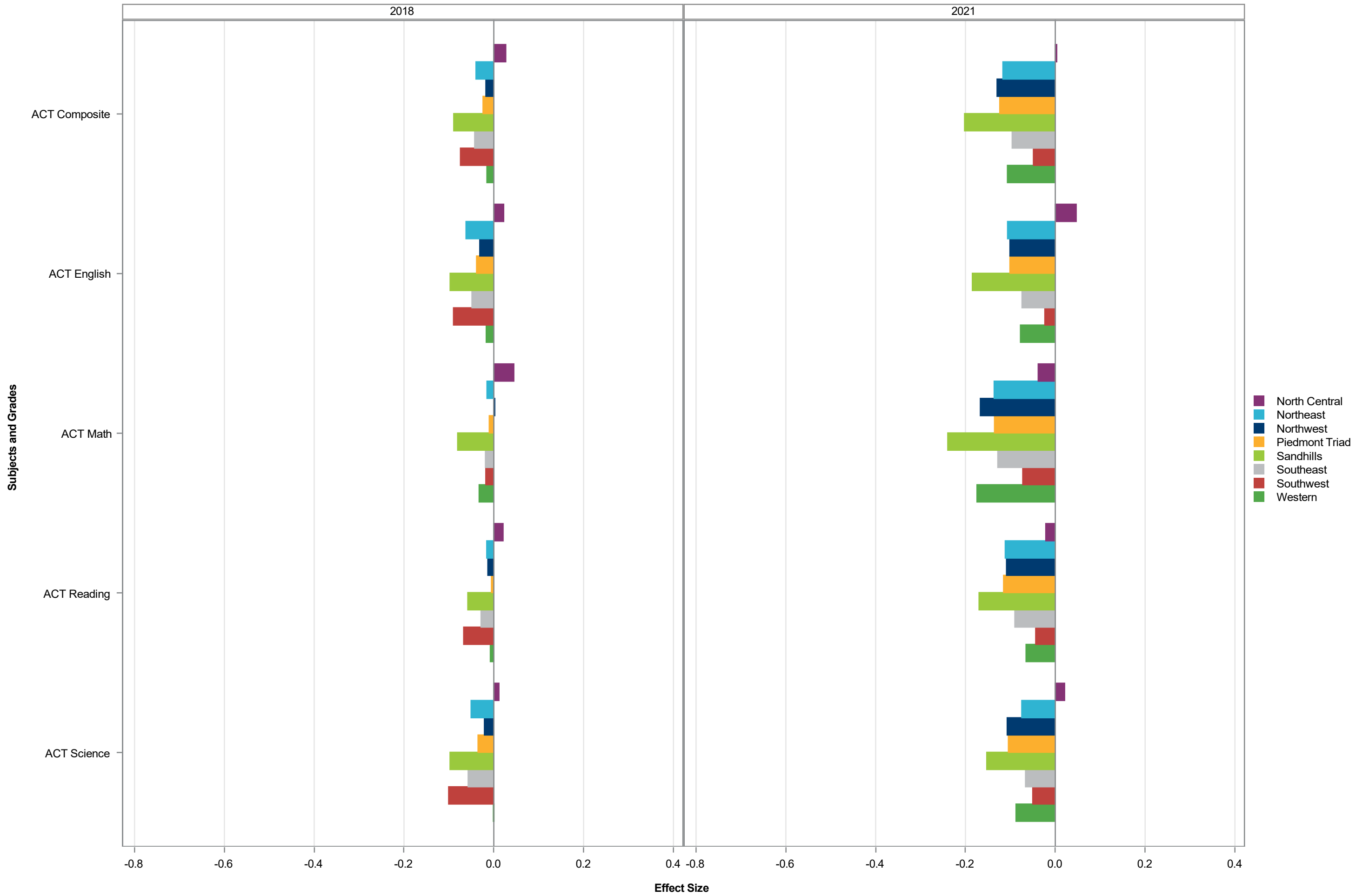
# Effect Size by Subject Grade - SBE Region



# Effect Size by Subject Grade - SBE Region



# Effect Size by Subject Grade - SBE Region



### Effect Size by Subject Grade - SBE Region - 2021

	SBE Region														
	North Central			Northeast			Northwest			Piedmont Triad			Sandhills		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.22	0.0009	442884	-0.29	0.0019	88464	-0.19	0.0017	106933	-0.26	0.0010	310876	-0.32	0.0015	161118
Reading Grade 3	-0.17	0.0047	21079	-0.27	0.0103	4241	-0.05	0.0093	5176	-0.12	0.0056	15229	-0.21	0.0076	7993
Reading Grade 4	-0.31	0.0046	21868	-0.39	0.0102	4323	-0.21	0.0090	5099	-0.29	0.0054	15506	-0.37	0.0075	8324
Reading Grade 5	-0.15	0.0034	23723	-0.21	0.0079	4600	-0.10	0.0072	5275	-0.16	0.0041	16504	-0.23	0.0058	8613
Reading Grade 6	-0.16	0.0032	23761	-0.21	0.0071	4754	-0.15	0.0066	5538	-0.21	0.0039	16719	-0.20	0.0054	8644
Reading Grade 7	-0.17	0.0031	24071	-0.20	0.0066	5111	-0.19	0.0062	5988	-0.22	0.0037	17465	-0.23	0.0050	9241
Reading Grade 8	-0.15	0.0031	23254	-0.20	0.0067	4917	-0.15	0.0060	5962	-0.20	0.0037	17009	-0.18	0.0051	8930
English II	0.06	0.0030	24853	0.01	0.0065	4740	0.05	0.0060	5832	0.04	0.0036	16548	0.02	0.0051	8486
Science Grade 5	-0.48	0.0041	23676	-0.54	0.0099	4584	-0.28	0.0087	5280	-0.41	0.0050	16467	-0.58	0.0071	8576
Science Grade 8	-0.22	0.0034	23301	-0.34	0.0076	4951	-0.15	0.0066	6001	-0.28	0.0040	17033	-0.33	0.0058	9027
Biology	-0.33	0.0033	23962	-0.36	0.0072	4420	-0.28	0.0066	5430	-0.31	0.0040	16122	-0.35	0.0058	7722
Math Grade 5	-0.46	0.0040	23692	-0.60	0.0090	4588	-0.36	0.0083	5275	-0.45	0.0048	16499	-0.65	0.0066	8599
Math Grade 6	-0.44	0.0035	23749	-0.53	0.0081	4735	-0.34	0.0072	5541	-0.50	0.0043	16698	-0.55	0.0059	8650
Math Grade 7	-0.38	0.0035	23992	-0.37	0.0075	5109	-0.32	0.0066	5984	-0.42	0.0040	17449	-0.48	0.0054	9237
Math Grade 8	-0.55	0.0051	14074	-0.58	0.0101	3818	-0.36	0.0089	5034	-0.57	0.0057	11323	-0.60	0.0075	6879
NC Math 1	-0.40	0.0033	25959	-0.37	0.0077	4882	-0.25	0.0066	6208	-0.45	0.0042	16933	-0.45	0.0055	9064
NC Math 3	-0.15	0.0039	22442	-0.10	0.0087	4202	-0.06	0.0081	4866	-0.21	0.0046	15098	-0.17	0.0067	7990
ACT Composite	0.00	0.0037	19557	-0.12	0.0076	3736	-0.13	0.0065	4657	-0.12	0.0041	13460	-0.20	0.0057	6617
ACT English	0.05	0.0043	19591	-0.11	0.0088	3739	-0.10	0.0077	4667	-0.10	0.0047	13486	-0.18	0.0065	6631
ACT Math	-0.04	0.0041	19585	-0.14	0.0084	3740	-0.17	0.0072	4662	-0.14	0.0045	13480	-0.24	0.0062	6632
ACT Reading	-0.02	0.0045	19567	-0.11	0.0094	3738	-0.11	0.0084	4663	-0.12	0.0052	13473	-0.17	0.0072	6629
ACT Science	0.02	0.0044	19570	-0.07	0.0094	3738	-0.11	0.0082	4661	-0.10	0.0051	13473	-0.15	0.0071	6624



### Effect Size by Subject Grade - SBE Region - 2021

Assessment	SBE Region								
	Southeast			Southwest			Western		
	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.22	0.0014	174336	-0.20	0.0009	459379	-0.22	0.0017	107419
Reading Grade 3	-0.11	0.0074	8327	-0.14	0.0046	22226	-0.04	0.0096	4965
Reading Grade 4	-0.23	0.0071	8748	-0.24	0.0045	22700	-0.18	0.0093	5023
Reading Grade 5	-0.14	0.0054	9247	-0.14	0.0034	23993	-0.15	0.0070	5490
Reading Grade 6	-0.19	0.0053	9144	-0.17	0.0031	24604	-0.20	0.0068	5483
Reading Grade 7	-0.18	0.0049	9826	-0.20	0.0030	25724	-0.22	0.0061	6074
Reading Grade 8	-0.16	0.0049	9805	-0.17	0.0030	25075	-0.20	0.0062	5772
English II	0.07	0.0047	9294	0.10	0.0028	26146	0.07	0.0061	5853
Science Grade 5	-0.36	0.0069	9247	-0.41	0.0043	23961	-0.39	0.0084	5469
Science Grade 8	-0.21	0.0053	9923	-0.26	0.0033	25158	-0.21	0.0066	5842
Biology	-0.27	0.0056	8574	-0.26	0.0032	25203	-0.29	0.0067	5597
Math Grade 5	-0.42	0.0063	9215	-0.37	0.0041	23992	-0.48	0.0080	5486
Math Grade 6	-0.44	0.0056	9139	-0.38	0.0037	24553	-0.47	0.0073	5482
Math Grade 7	-0.36	0.0053	9818	-0.33	0.0034	25690	-0.41	0.0066	6083
Math Grade 8	-0.46	0.0074	7772	-0.49	0.0050	16622	-0.48	0.0095	4229
NC Math 1	-0.33	0.0054	9943	-0.31	0.0034	26661	-0.29	0.0069	5966
NC Math 3	-0.11	0.0067	7604	-0.01	0.0038	24104	-0.04	0.0084	5274
ACT Composite	-0.10	0.0055	7255	-0.05	0.0036	19378	-0.11	0.0067	4915
ACT English	-0.07	0.0064	7269	-0.02	0.0043	19433	-0.08	0.0080	4926
ACT Math	-0.13	0.0061	7263	-0.07	0.0042	19419	-0.17	0.0074	4920
ACT Reading	-0.09	0.0068	7263	-0.04	0.0043	19421	-0.07	0.0083	4923
ACT Science	-0.07	0.0068	7264	-0.05	0.0044	19420	-0.09	0.0084	4921

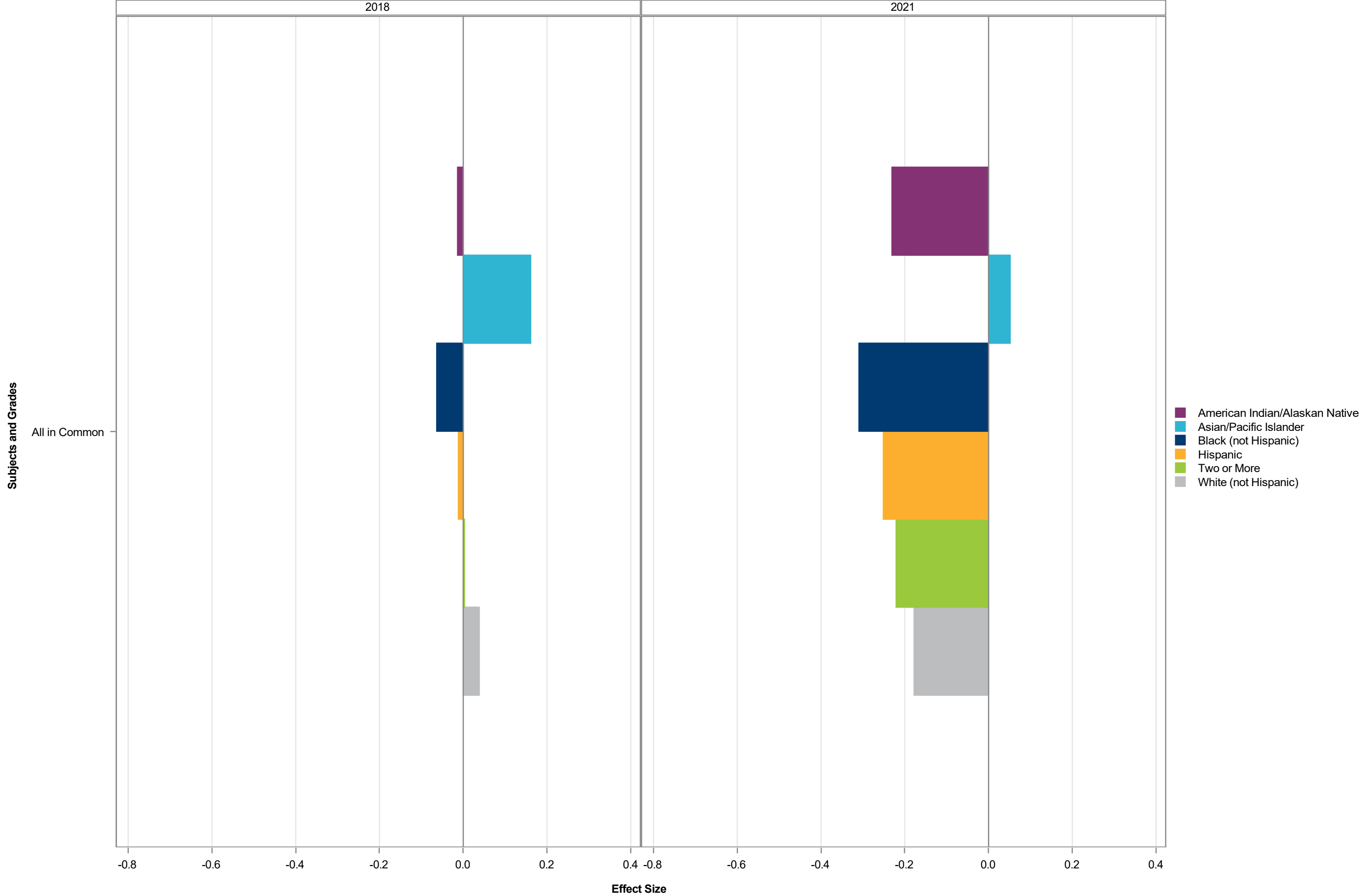
### Effect Size by Subject Grade - SBE Region - 2018

	SBE Region														
	North Central			Northeast			Northwest			Piedmont Triad			Sandhills		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	0.00	0.0007	509263	-0.02	0.0016	99466	0.03	0.0015	117031	0.01	0.0009	344493	-0.00	0.0012	174969
Reading Grade 3	-0.05	0.0039	26702	-0.12	0.0091	5065	0.05	0.0080	5784	-0.01	0.0048	17643	0.03	0.0066	9357
Reading Grade 4	-0.04	0.0030	28155	-0.04	0.0069	5444	0.02	0.0063	6204	-0.02	0.0037	18669	0.02	0.0052	9624
Reading Grade 5	-0.05	0.0029	27619	-0.06	0.0067	5358	0.00	0.0062	6131	-0.05	0.0036	18012	-0.04	0.0051	9386
Reading Grade 6	0.01	0.0028	27926	-0.03	0.0065	5265	0.03	0.0058	6233	-0.00	0.0035	18300	-0.04	0.0050	9490
Reading Grade 7	0.07	0.0029	25990	0.06	0.0068	4987	0.13	0.0060	5965	0.07	0.0036	17597	0.05	0.0051	8815
Reading Grade 8	0.04	0.0030	24864	0.02	0.0070	4785	0.05	0.0065	5464	0.06	0.0038	16623	0.03	0.0053	8310
English II	0.00	0.0029	26586	-0.03	0.0062	5425	-0.04	0.0059	6226	0.00	0.0035	18164	-0.02	0.0048	9214
Science Grade 5	-0.06	0.0035	27396	-0.01	0.0082	5315	0.09	0.0075	6087	-0.01	0.0044	17875	0.11	0.0063	9276
Science Grade 8	0.04	0.0032	24936	-0.02	0.0076	4793	0.11	0.0066	5483	0.04	0.0041	16656	0.10	0.0059	8364
Biology	0.04	0.0032	26339	0.05	0.0073	5054	0.02	0.0063	6142	0.15	0.0039	18403	0.09	0.0058	8850
Math Grade 5	-0.01	0.0031	27584	-0.03	0.0070	5350	0.02	0.0064	6123	0.02	0.0037	17987	-0.02	0.0054	9366
Math Grade 6	-0.00	0.0030	27888	-0.03	0.0069	5262	0.05	0.0060	6228	0.00	0.0037	18290	-0.02	0.0051	9484
Math Grade 7	0.02	0.0029	25953	0.04	0.0068	4976	0.10	0.0060	5953	0.03	0.0036	17580	0.02	0.0051	8796
Math Grade 8	-0.04	0.0043	15470	0.01	0.0094	3354	0.10	0.0075	4562	-0.03	0.0050	11206	0.00	0.0067	6530
NC Math 1	-0.00	0.0029	28258	-0.03	0.0066	5772	0.04	0.0062	6265	0.02	0.0037	19070	0.08	0.0058	9413
ACT Composite	0.03	0.0031	23453	-0.04	0.0063	4646	-0.02	0.0055	5633	-0.02	0.0035	16464	-0.09	0.0047	8124
ACT English	0.02	0.0037	23552	-0.06	0.0073	4657	-0.03	0.0067	5639	-0.04	0.0041	16493	-0.10	0.0055	8145
ACT Math	0.04	0.0036	23548	-0.02	0.0074	4657	0.00	0.0064	5639	-0.01	0.0040	16494	-0.08	0.0054	8147
ACT Reading	0.02	0.0037	23538	-0.02	0.0078	4654	-0.01	0.0070	5637	-0.01	0.0042	16486	-0.06	0.0058	8142
ACT Science	0.01	0.0038	23506	-0.05	0.0079	4647	-0.02	0.0072	5633	-0.04	0.0044	16481	-0.10	0.0060	8136

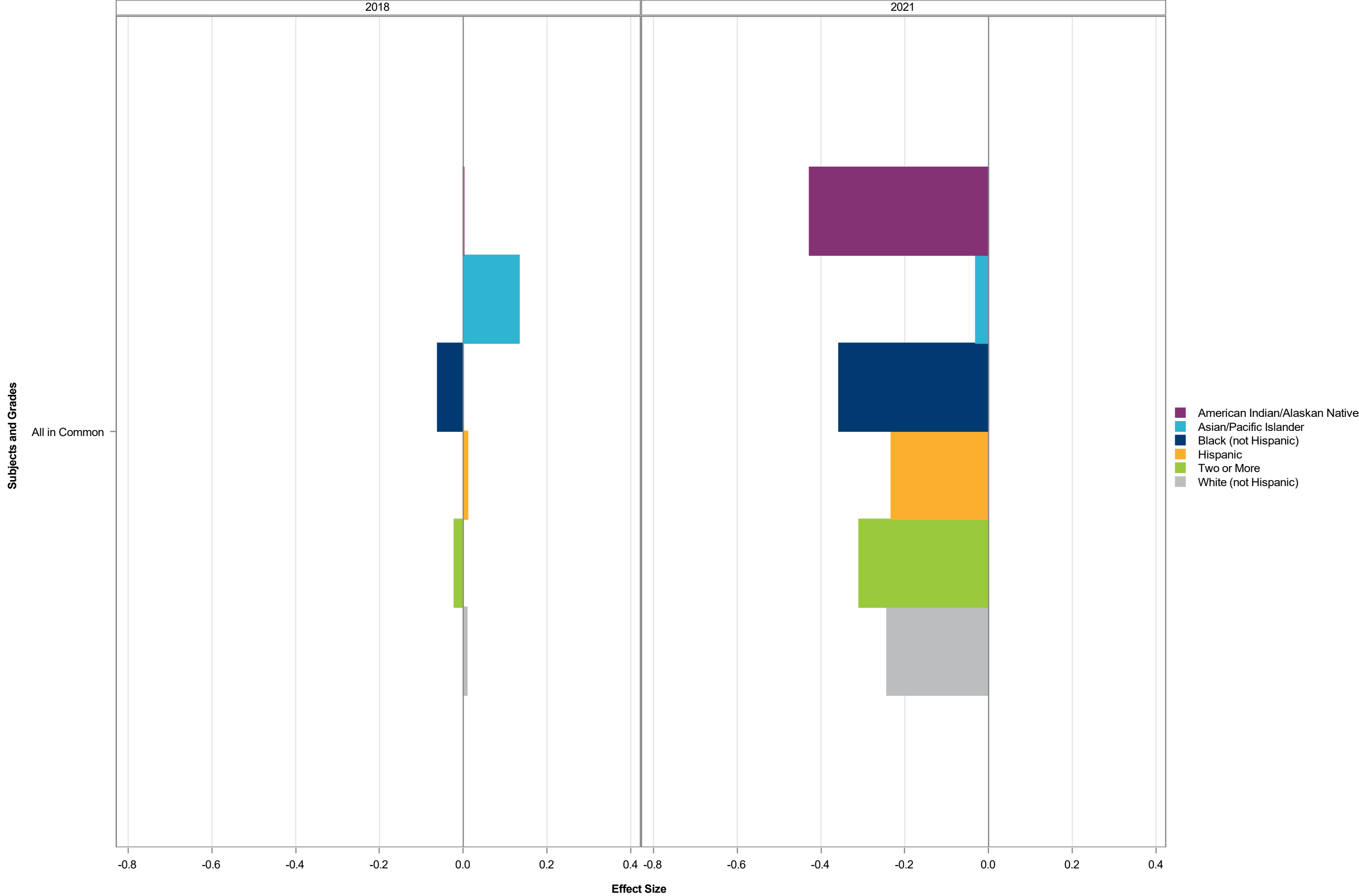
### Effect Size by Subject Grade - SBE Region - 2018

	SBE Region								
	Southeast			Southwest			Western		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	0.01	0.0012	186857	0.01	0.0007	496153	0.01	0.0015	116996
Reading Grade 3	0.02	0.0064	10105	0.02	0.0039	26148	0.07	0.0084	5671
Reading Grade 4	-0.01	0.0049	10584	-0.03	0.0031	27220	-0.02	0.0064	6450
Reading Grade 5	-0.04	0.0048	10300	-0.06	0.0030	26421	-0.04	0.0063	6234
Reading Grade 6	-0.01	0.0047	10166	-0.02	0.0029	27077	-0.01	0.0059	6128
Reading Grade 7	0.08	0.0048	9516	0.05	0.0029	25964	0.09	0.0060	5896
Reading Grade 8	0.05	0.0052	8590	0.03	0.0031	24347	0.02	0.0066	5722
English II	-0.02	0.0047	9529	0.01	0.0029	25610	-0.00	0.0060	6198
Science Grade 5	0.02	0.0060	10176	0.02	0.0036	26131	0.01	0.0073	6161
Science Grade 8	0.06	0.0055	8628	0.02	0.0033	24408	0.08	0.0067	5742
Biology	0.16	0.0055	9316	0.12	0.0032	25393	0.08	0.0064	5961
Math Grade 5	0.00	0.0051	10294	0.04	0.0031	26382	-0.04	0.0063	6230
Math Grade 6	-0.06	0.0049	10165	0.05	0.0031	27044	-0.00	0.0061	6132
Math Grade 7	0.04	0.0049	9505	0.08	0.0029	25938	0.04	0.0061	5887
Math Grade 8	0.07	0.0064	6816	0.07	0.0042	17077	0.08	0.0081	4236
NC Math 1	0.04	0.0051	10194	0.06	0.0031	27307	0.03	0.0064	6301
ACT Composite	-0.04	0.0046	8577	-0.07	0.0032	22648	-0.02	0.0058	5606
ACT English	-0.05	0.0054	8608	-0.09	0.0037	22793	-0.02	0.0071	5611
ACT Math	-0.02	0.0053	8610	-0.02	0.0037	22760	-0.03	0.0068	5612
ACT Reading	-0.03	0.0058	8591	-0.07	0.0037	22750	-0.01	0.0071	5609
ACT Science	-0.06	0.0059	8587	-0.10	0.0040	22735	-0.00	0.0075	5609

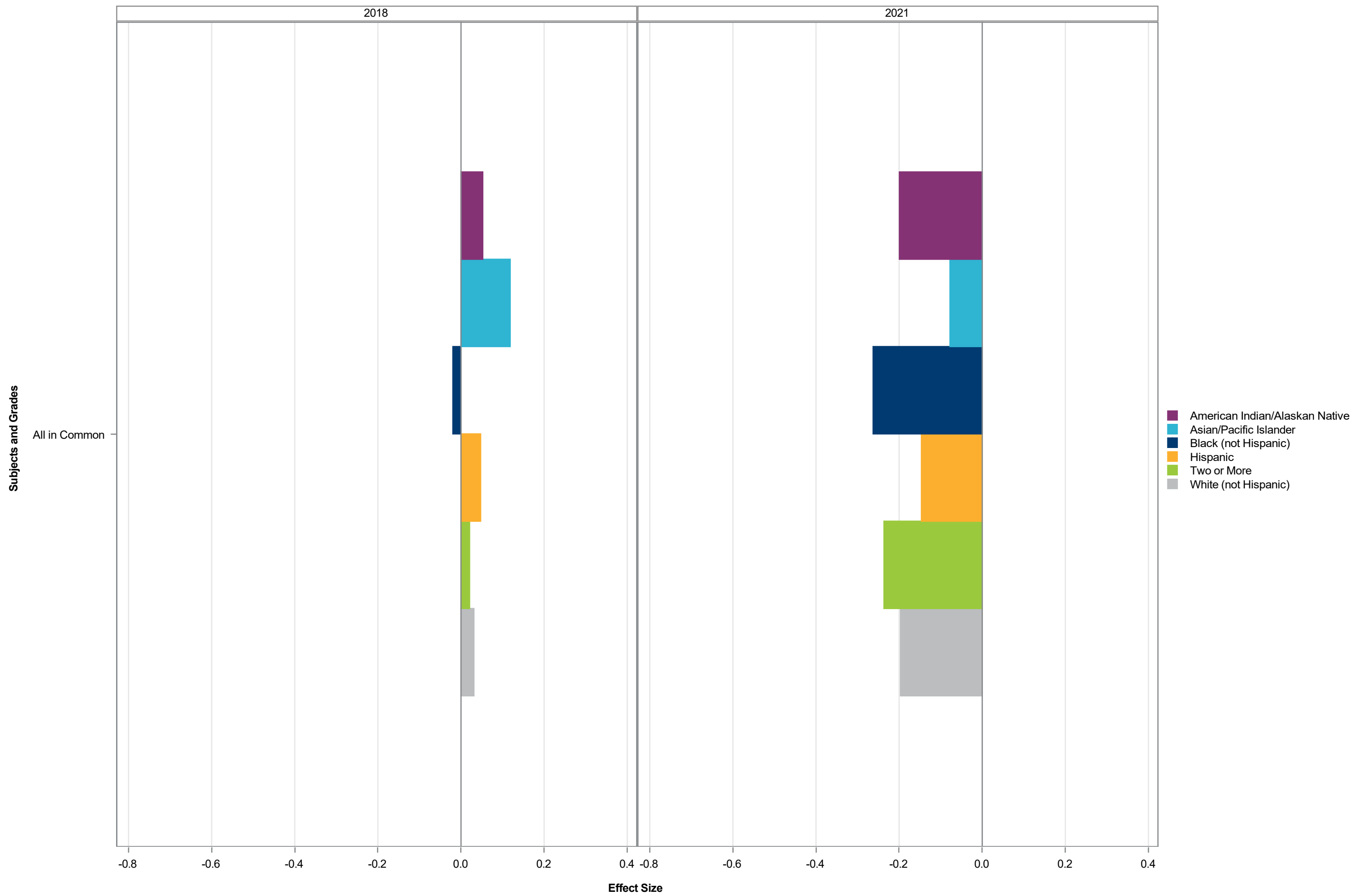
Effect Size by Subject Grade - Race/Ethnicity Split by SBE Region - North Central



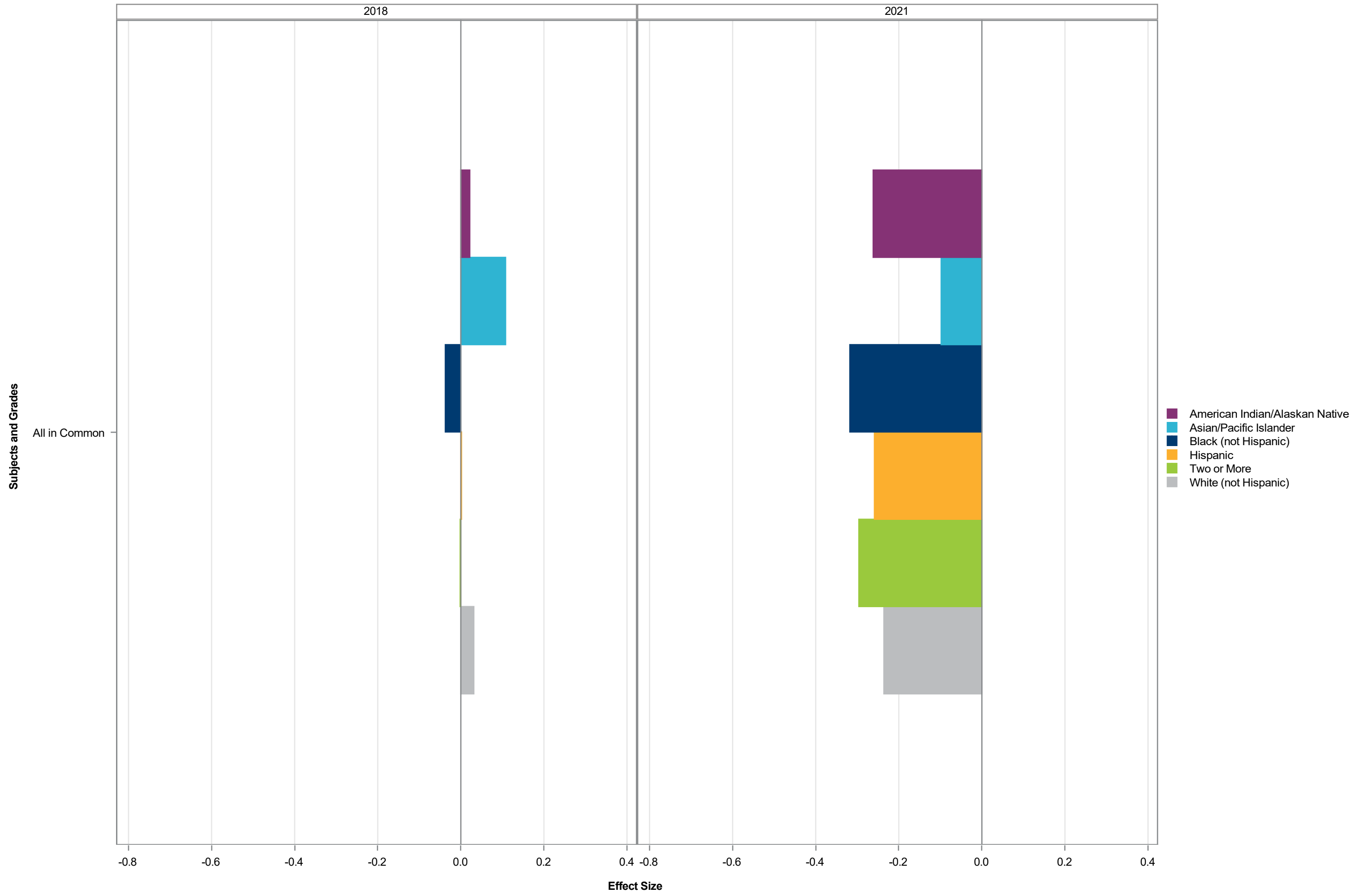
# Effect Size by Subject Grade - Race/Ethnicity Split by SBE Region - Northeast



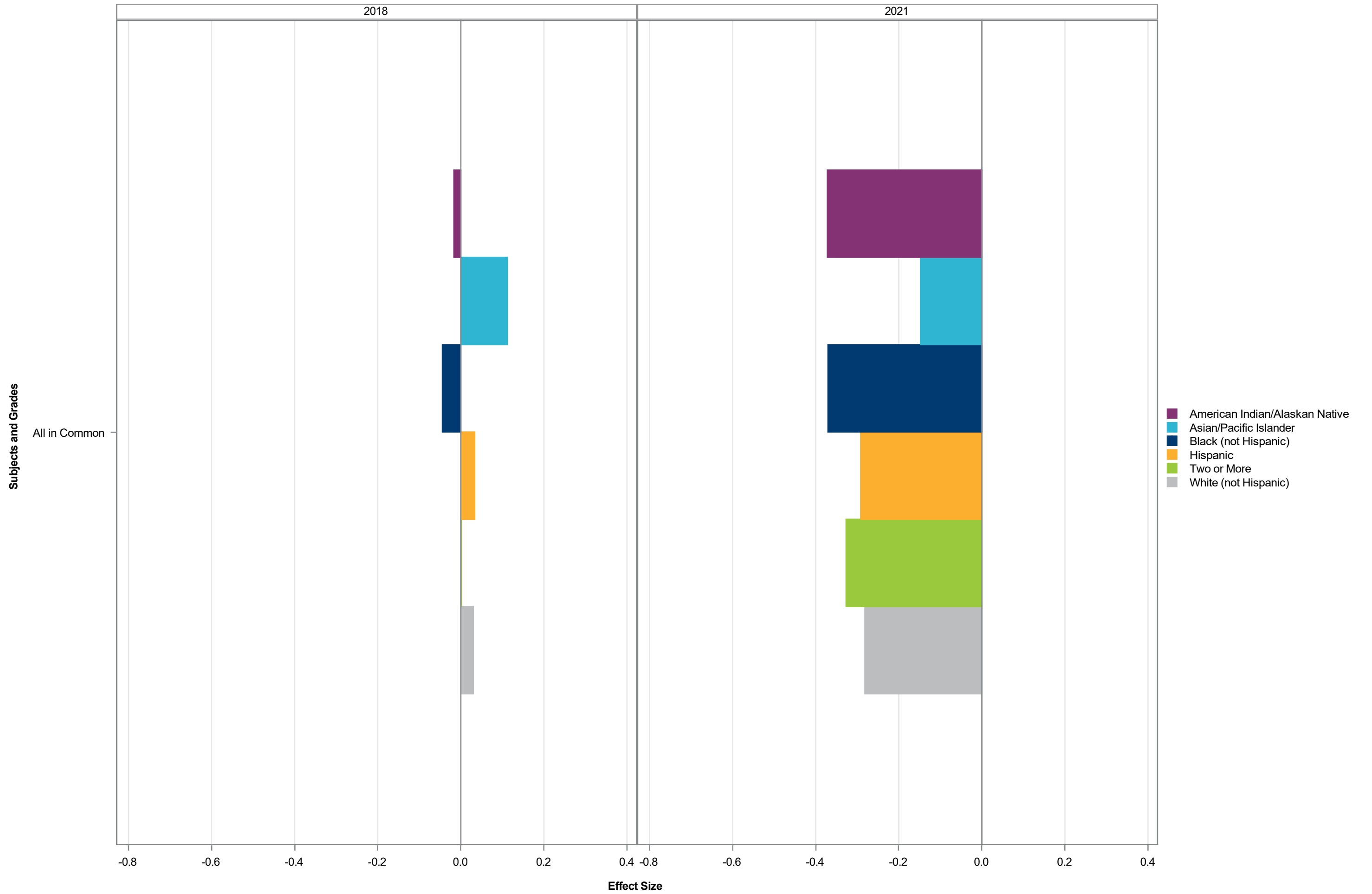
# Effect Size by Subject Grade - Race/Ethnicity Split by SBE Region - Northwest



# Effect Size by Subject Grade - Race/Ethnicity Split by SBE Region - Piedmont Triad

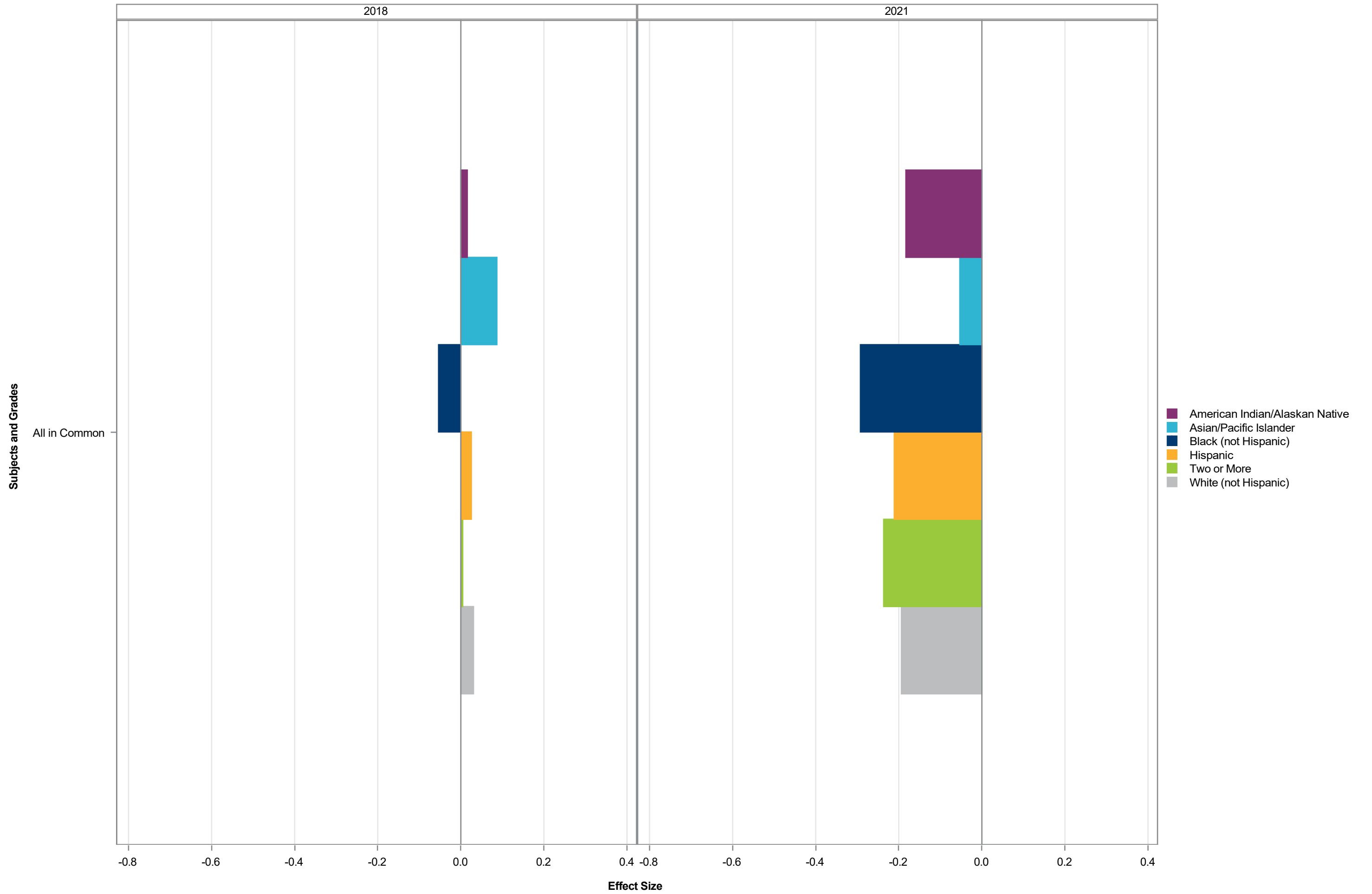


# Effect Size by Subject Grade - Race/Ethnicity Split by SBE Region - Sandhills

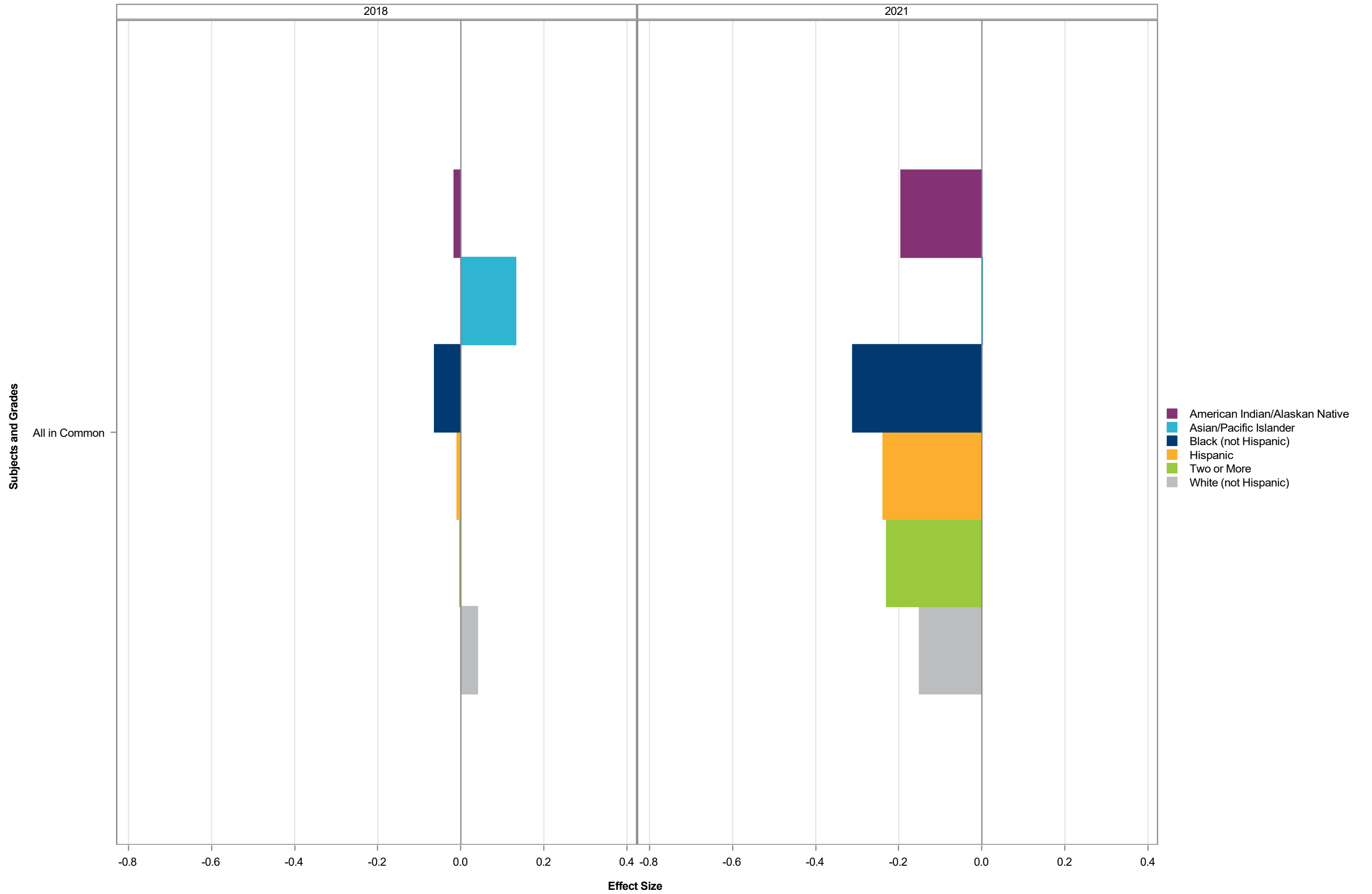




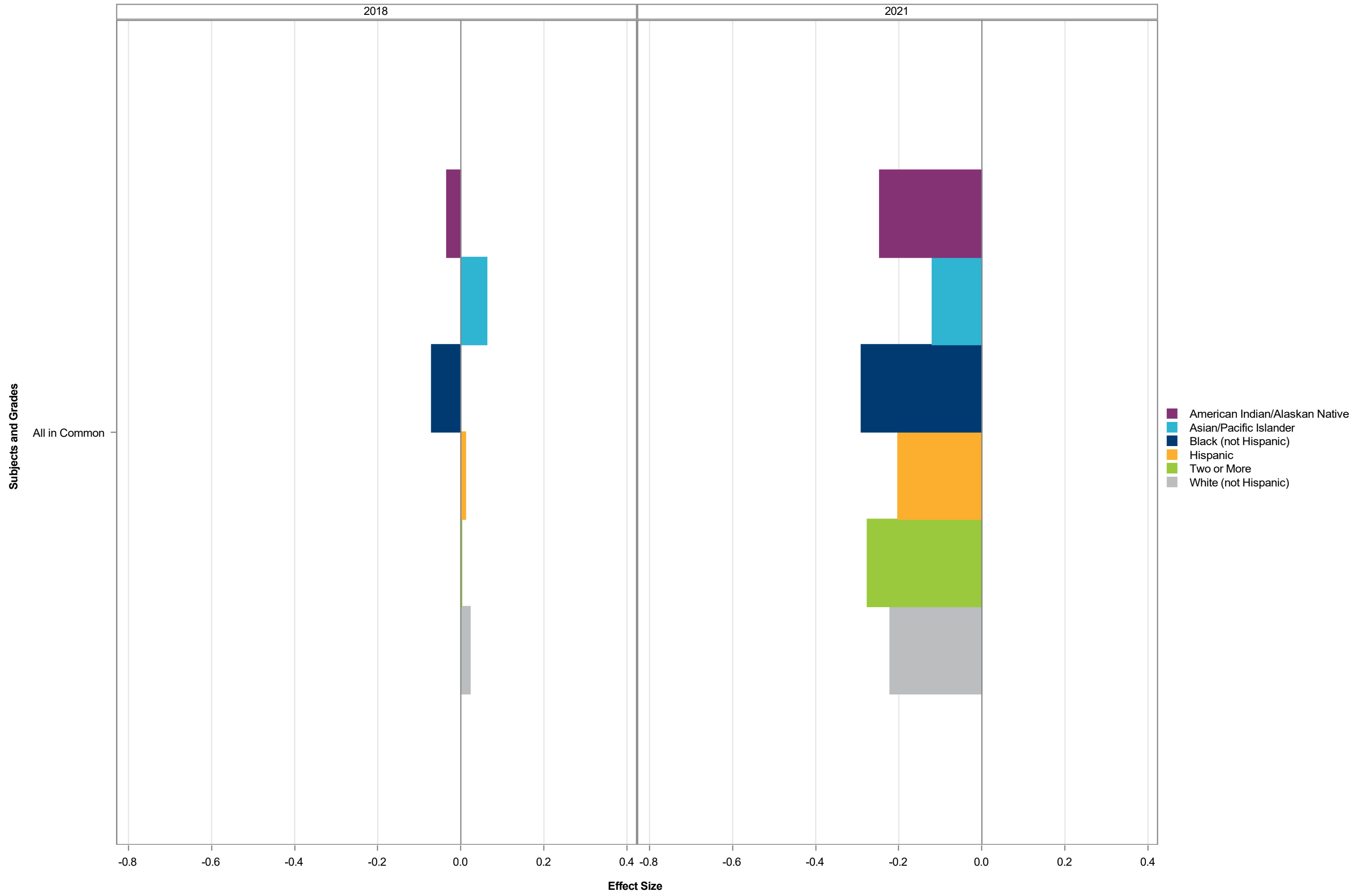
# Effect Size by Subject Grade - Race/Ethnicity Split by SBE Region - Southeast



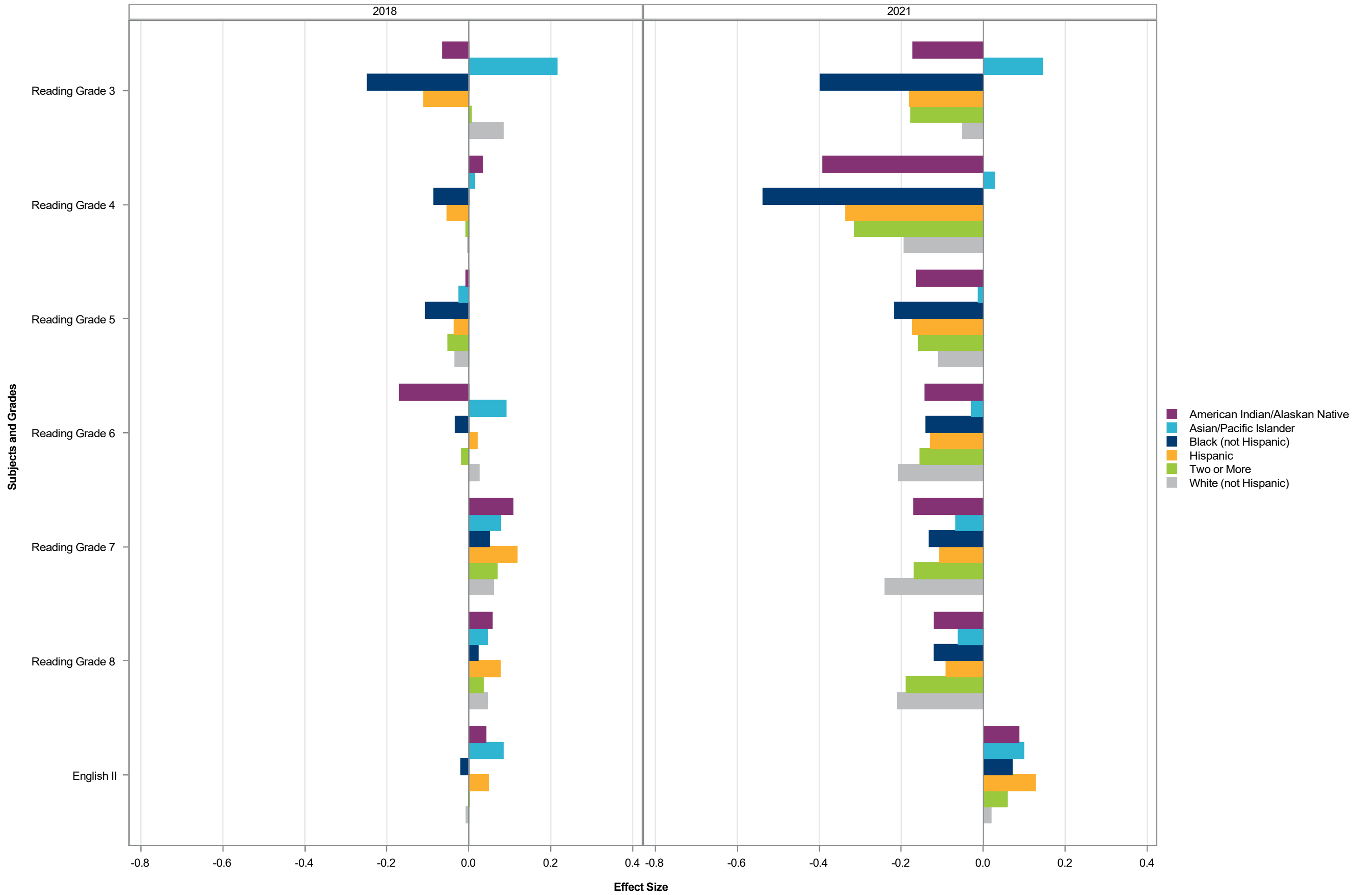
# Effect Size by Subject Grade - Race/Ethnicity Split by SBE Region - Southwest



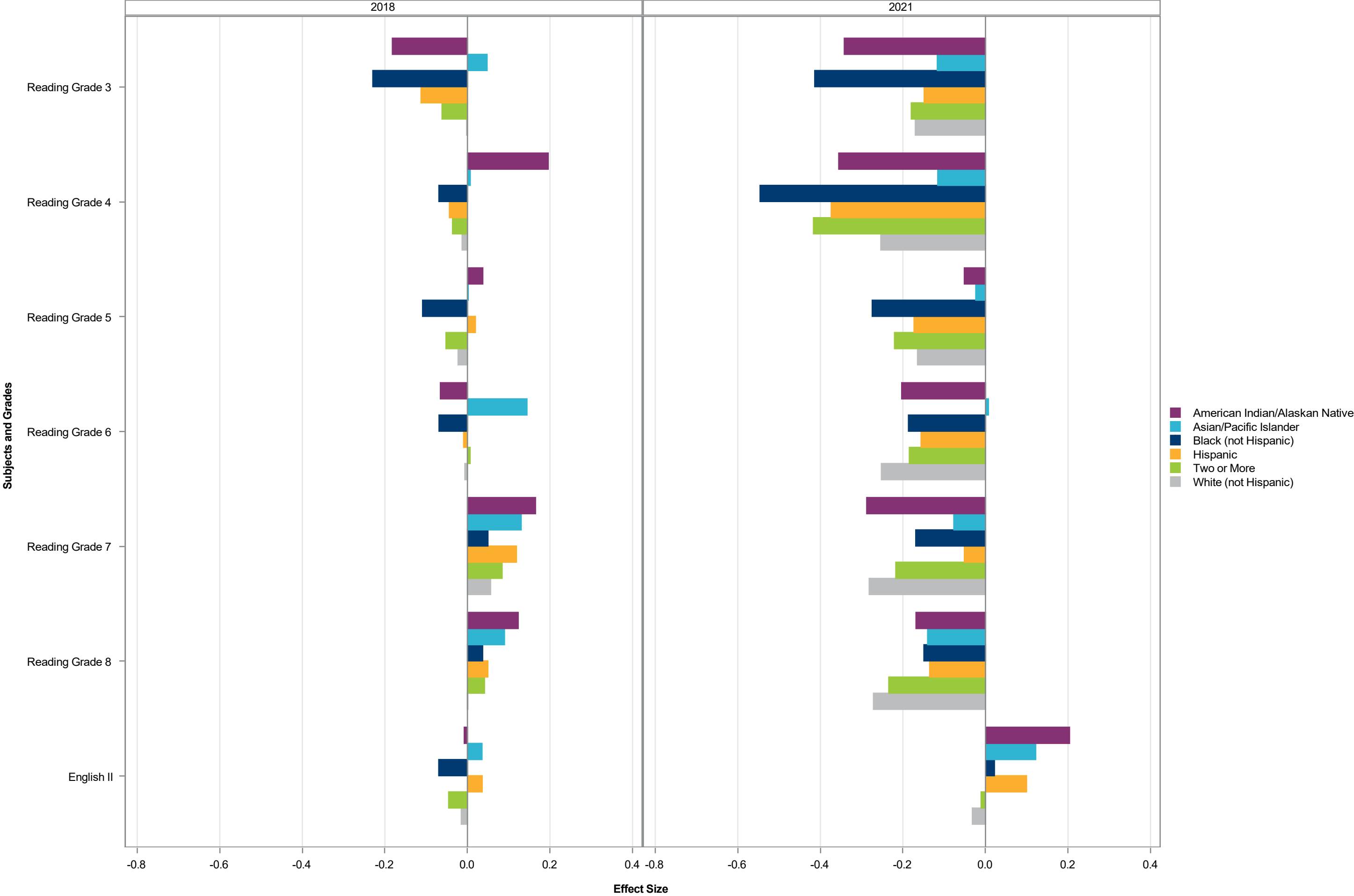
# Effect Size by Subject Grade - Race/Ethnicity Split by SBE Region - Western



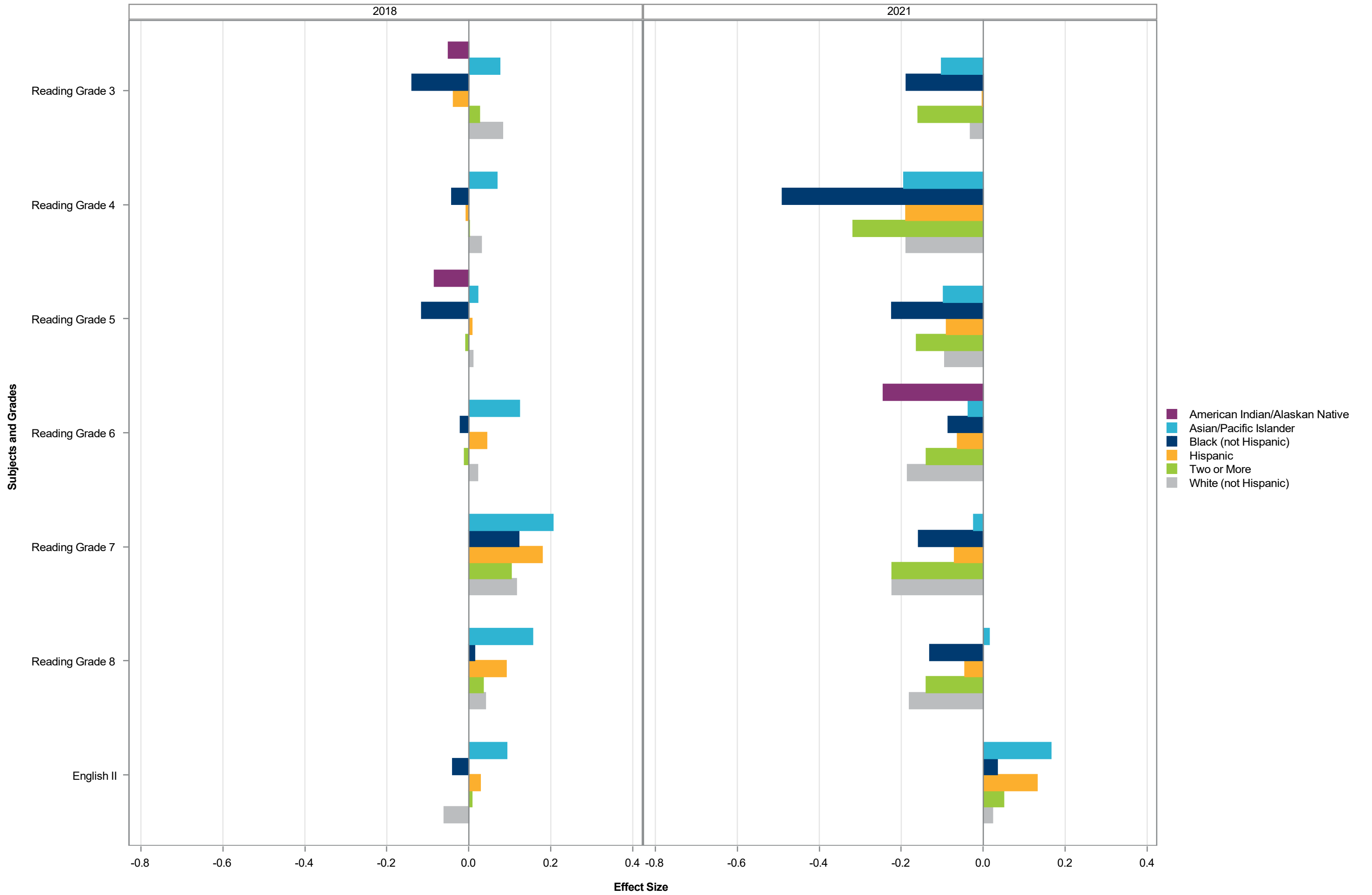
Effect Size by Subject Grade - Race/Ethnicity Split by SBE Region - North Central



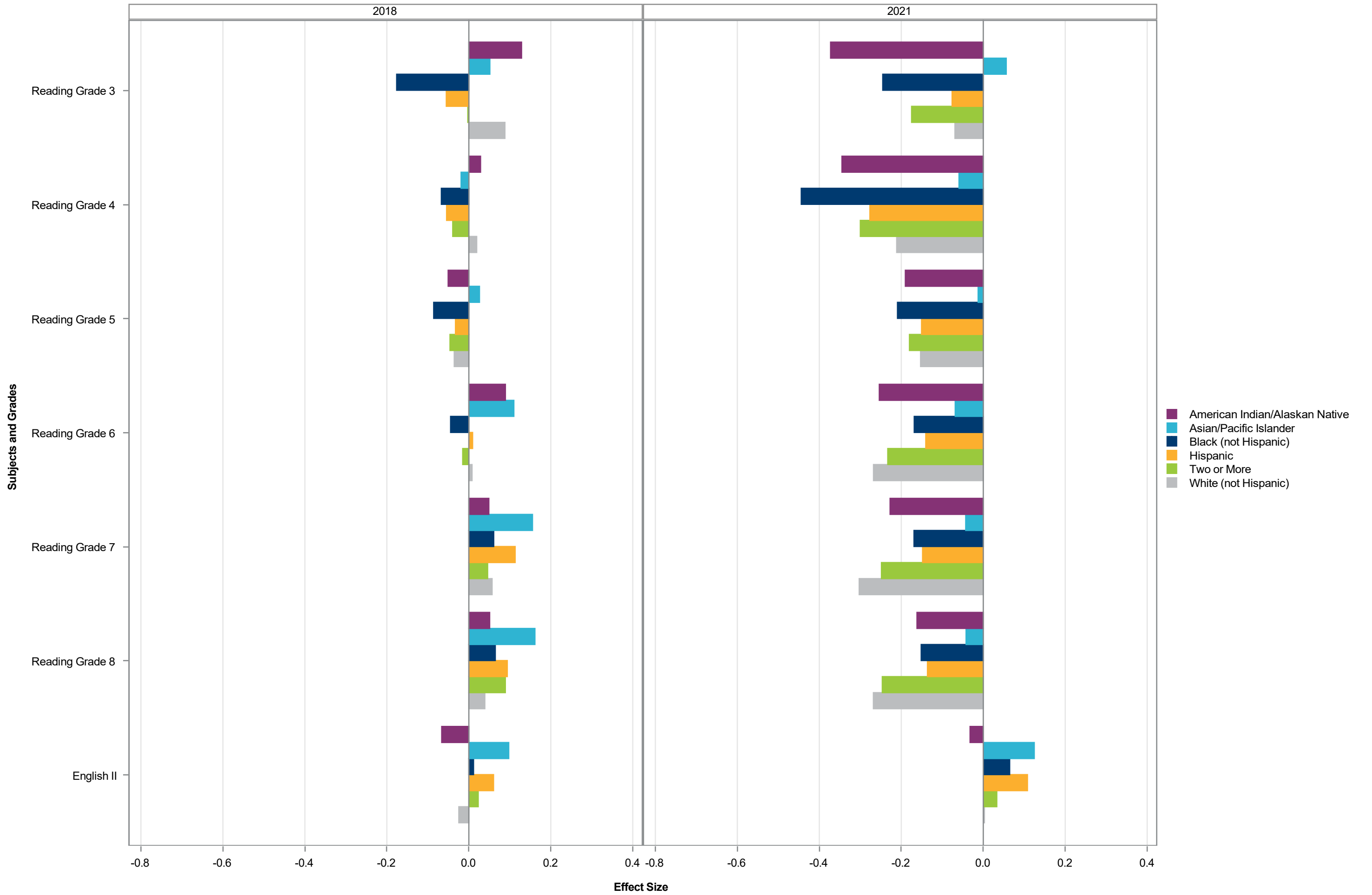
### Effect Size by Subject Grade - Race/Ethnicity Split by SBE Region - Northeast



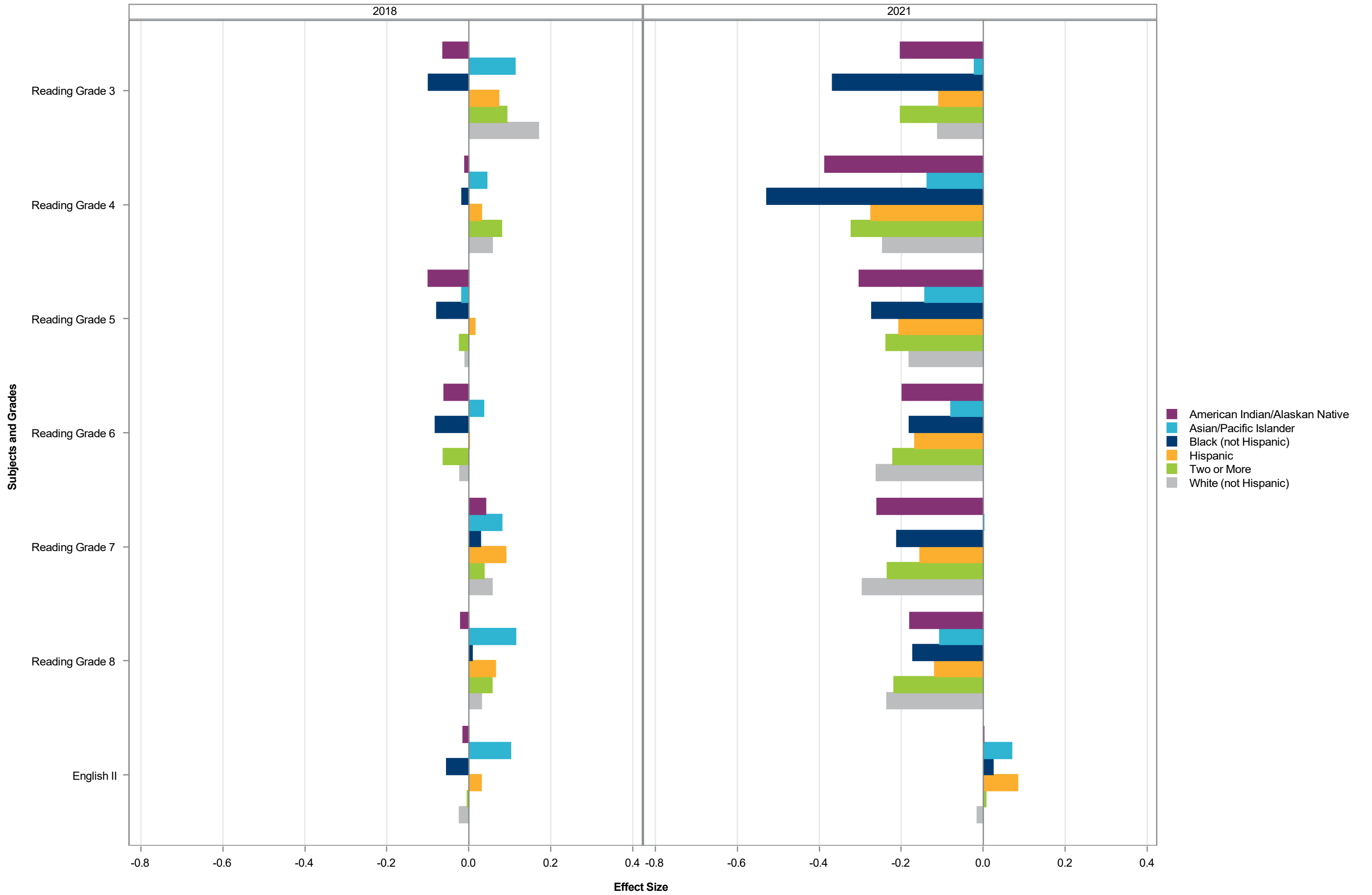
Effect Size by Subject Grade - Race/Ethnicity Split by SBE Region - Northwest



Effect Size by Subject Grade - Race/Ethnicity Split by SBE Region - Piedmont Triad

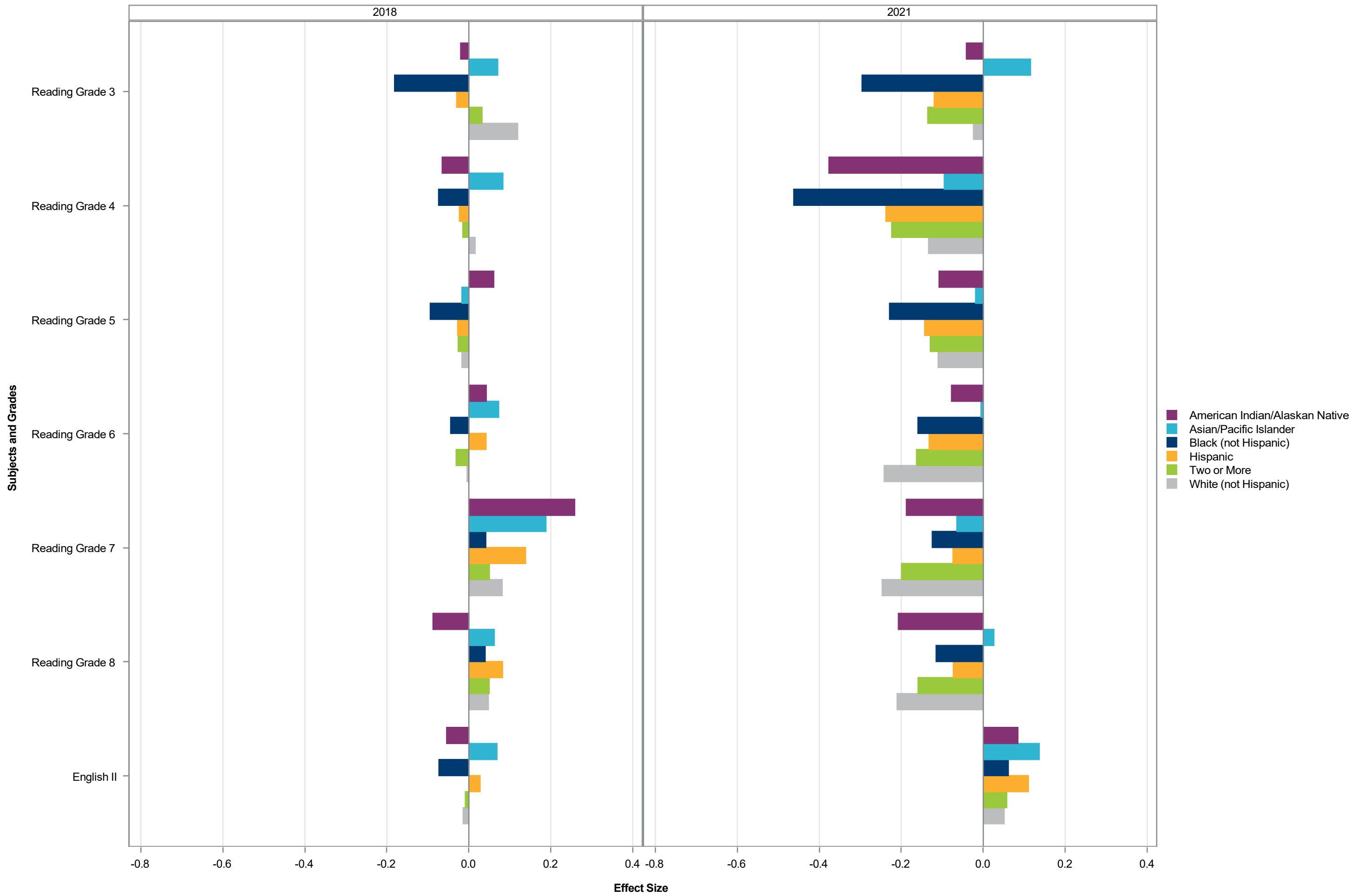


### Effect Size by Subject Grade - Race/Ethnicity Split by SBE Region - Sandhills

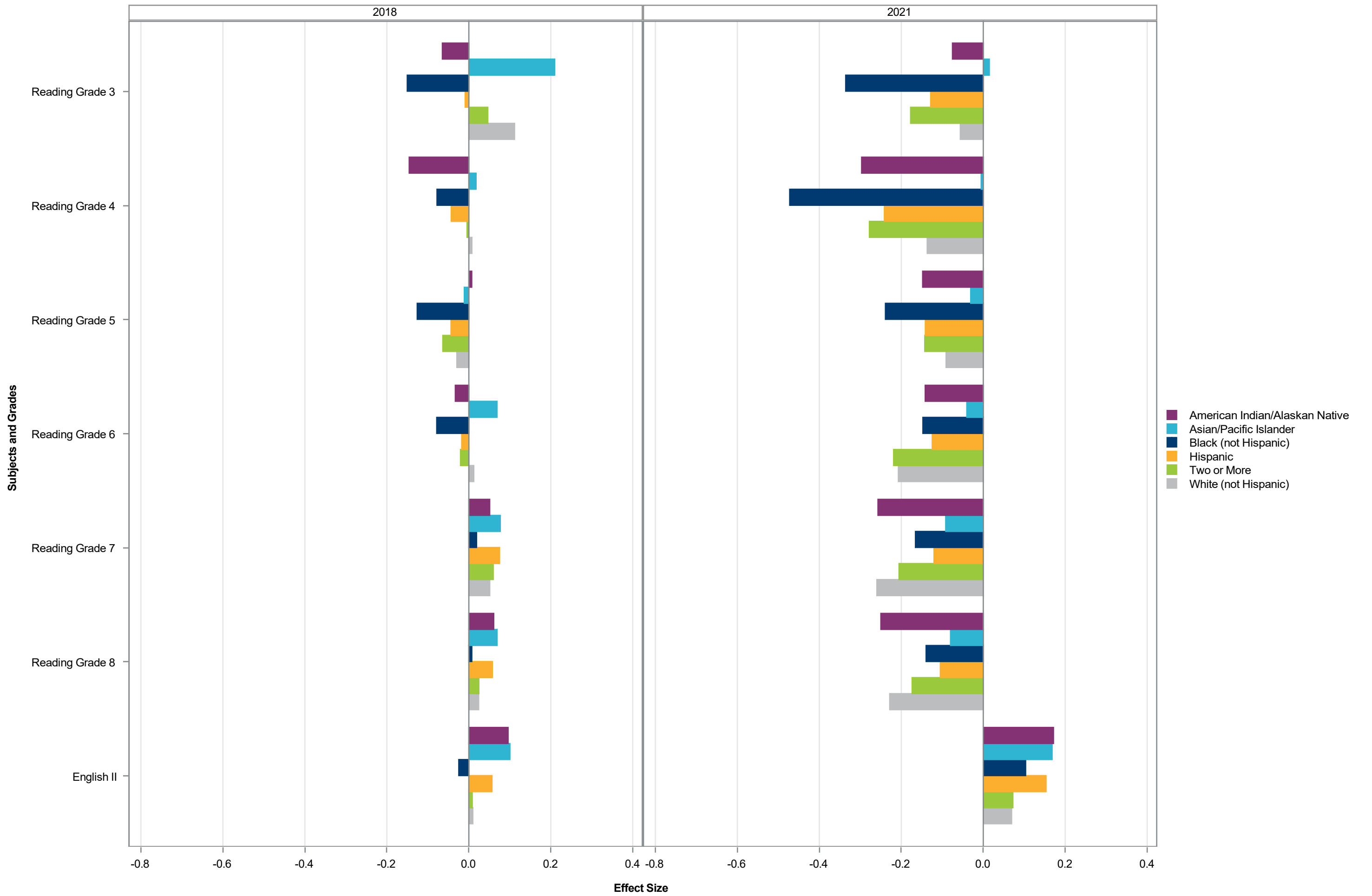




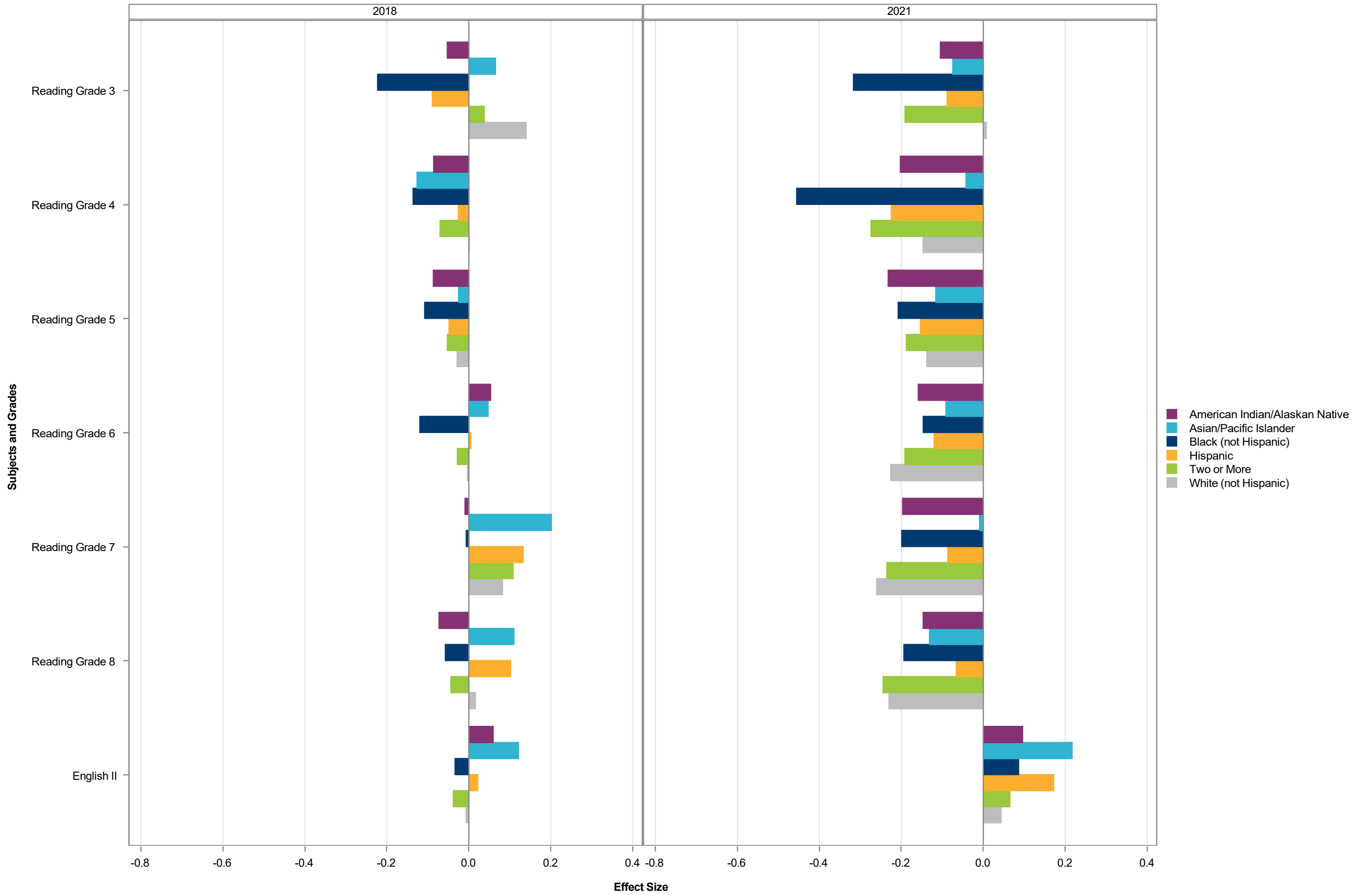
### Effect Size by Subject Grade - Race/Ethnicity Split by SBE Region - Southeast



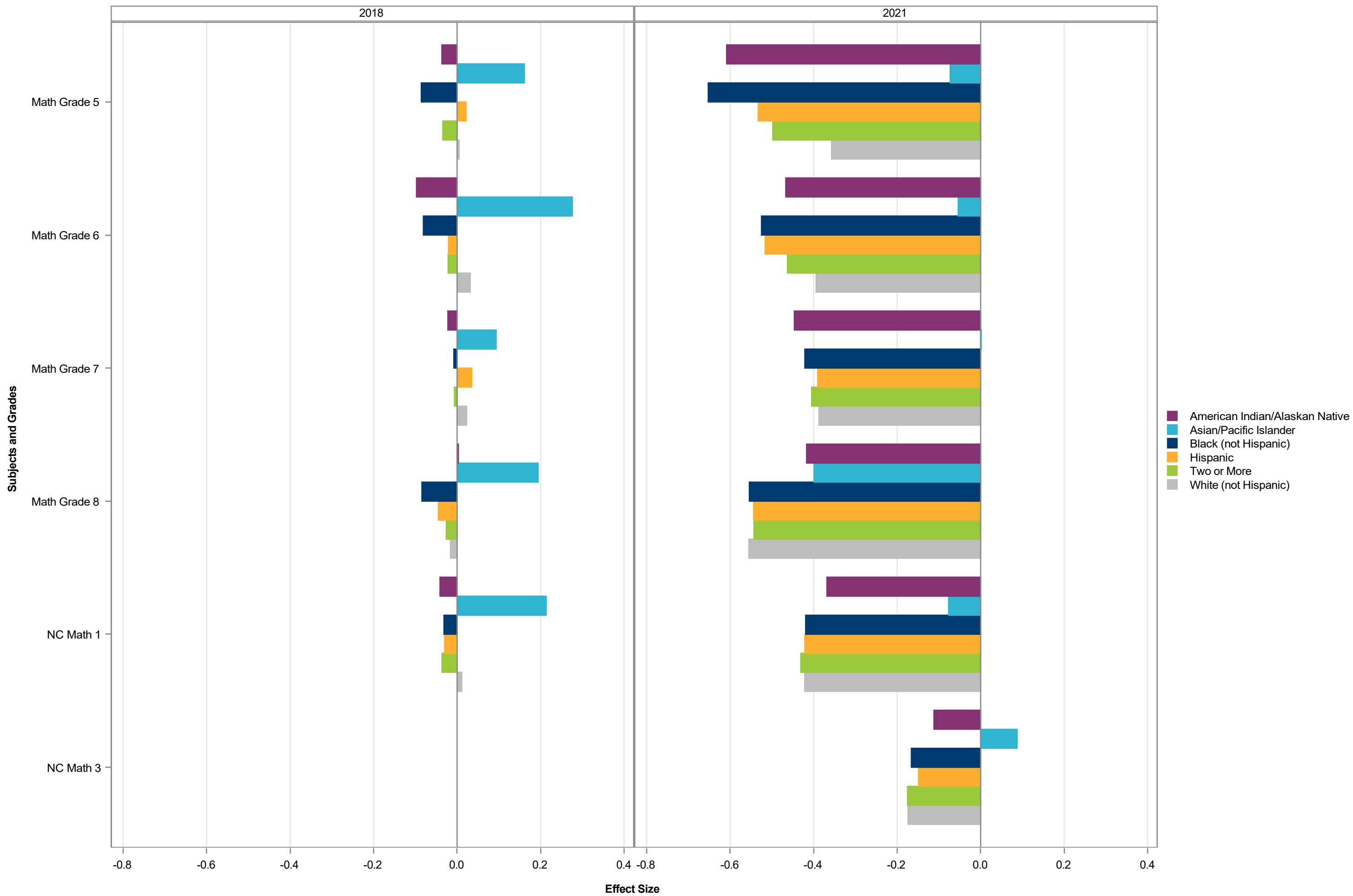
Effect Size by Subject Grade - Race/Ethnicity Split by SBE Region - Southwest



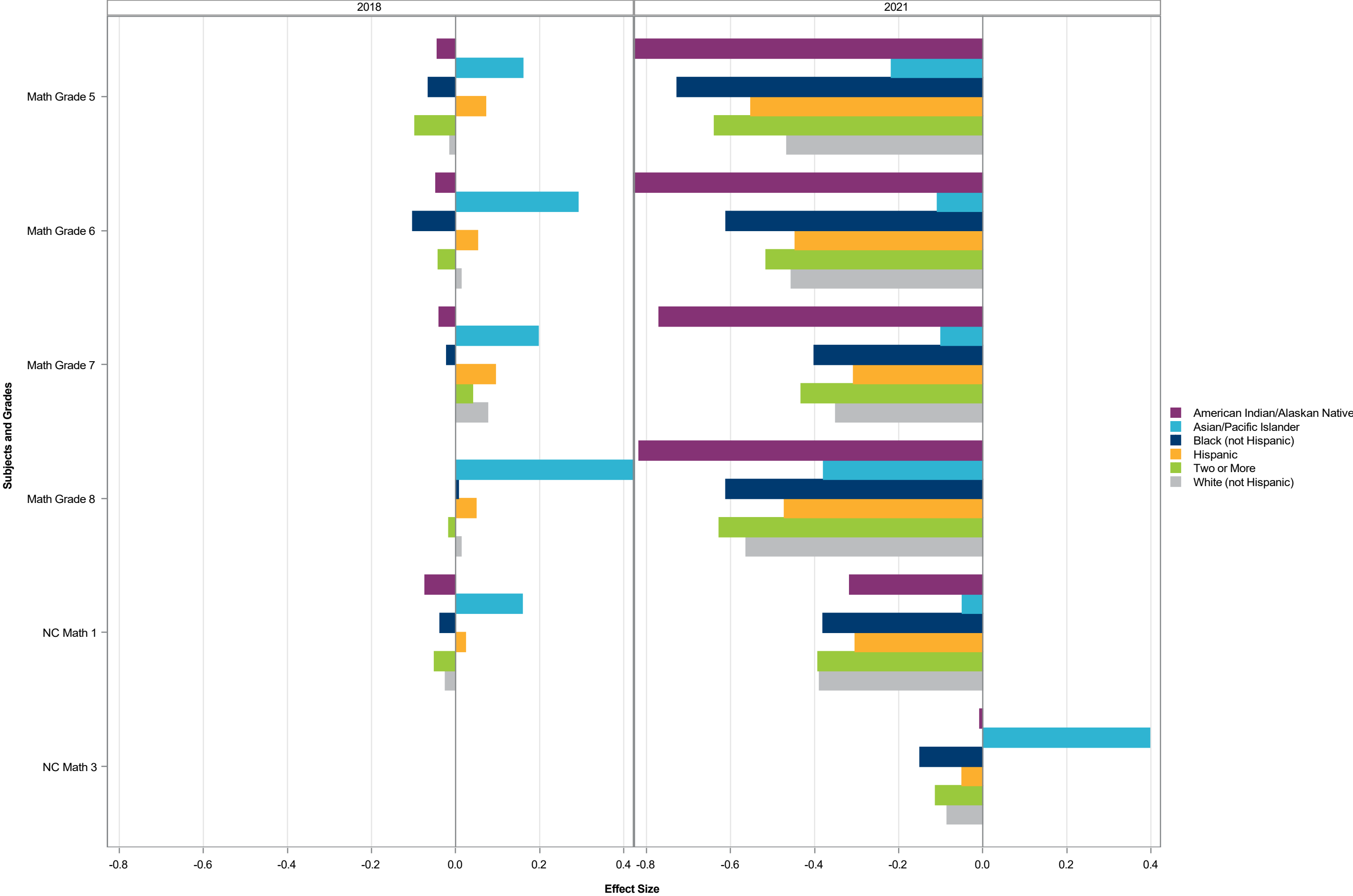
Effect Size by Subject Grade - Race/Ethnicity Split by SBE Region - Western



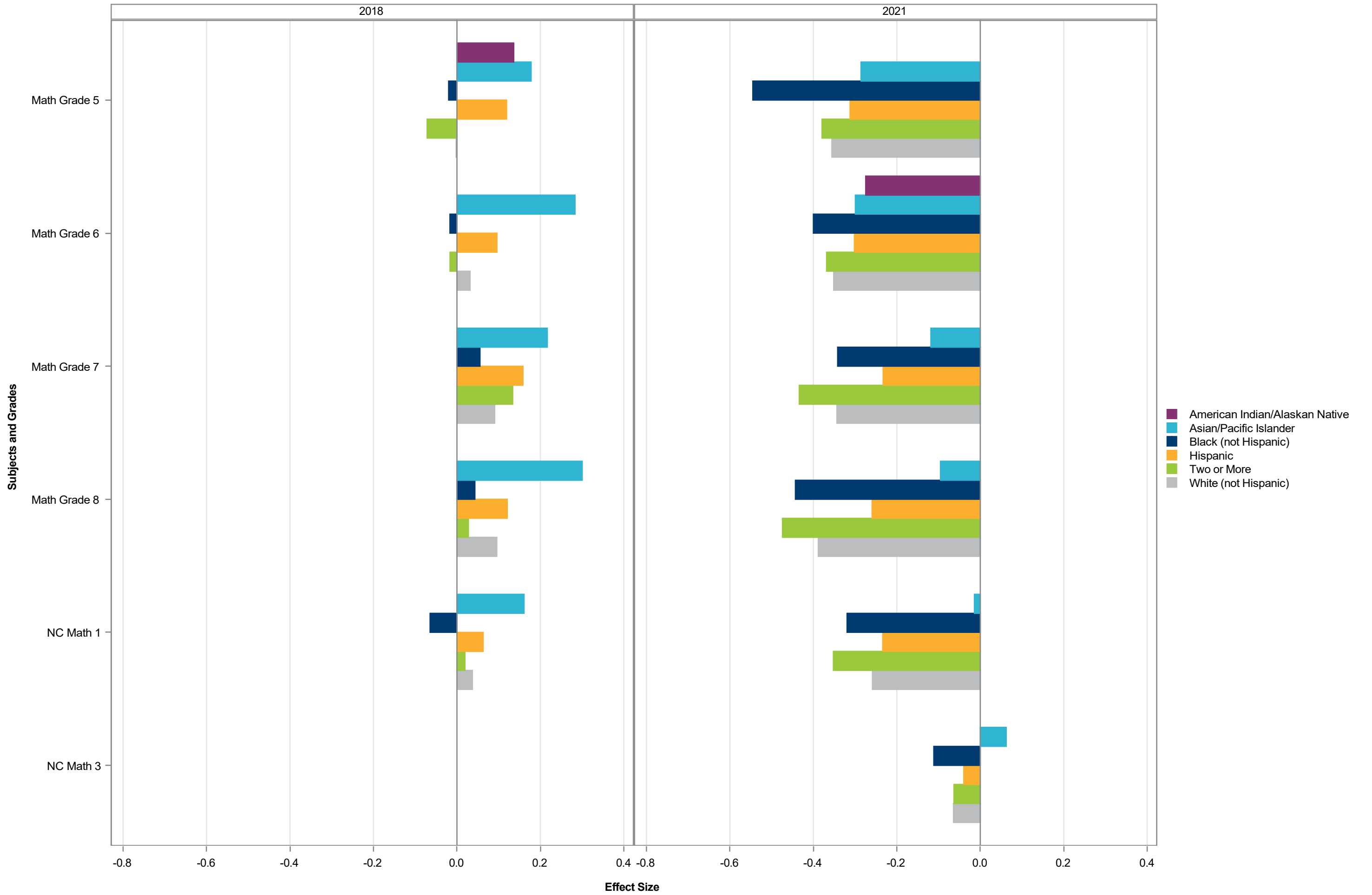
Effect Size by Subject Grade - Race/Ethnicity Split by SBE Region - North Central



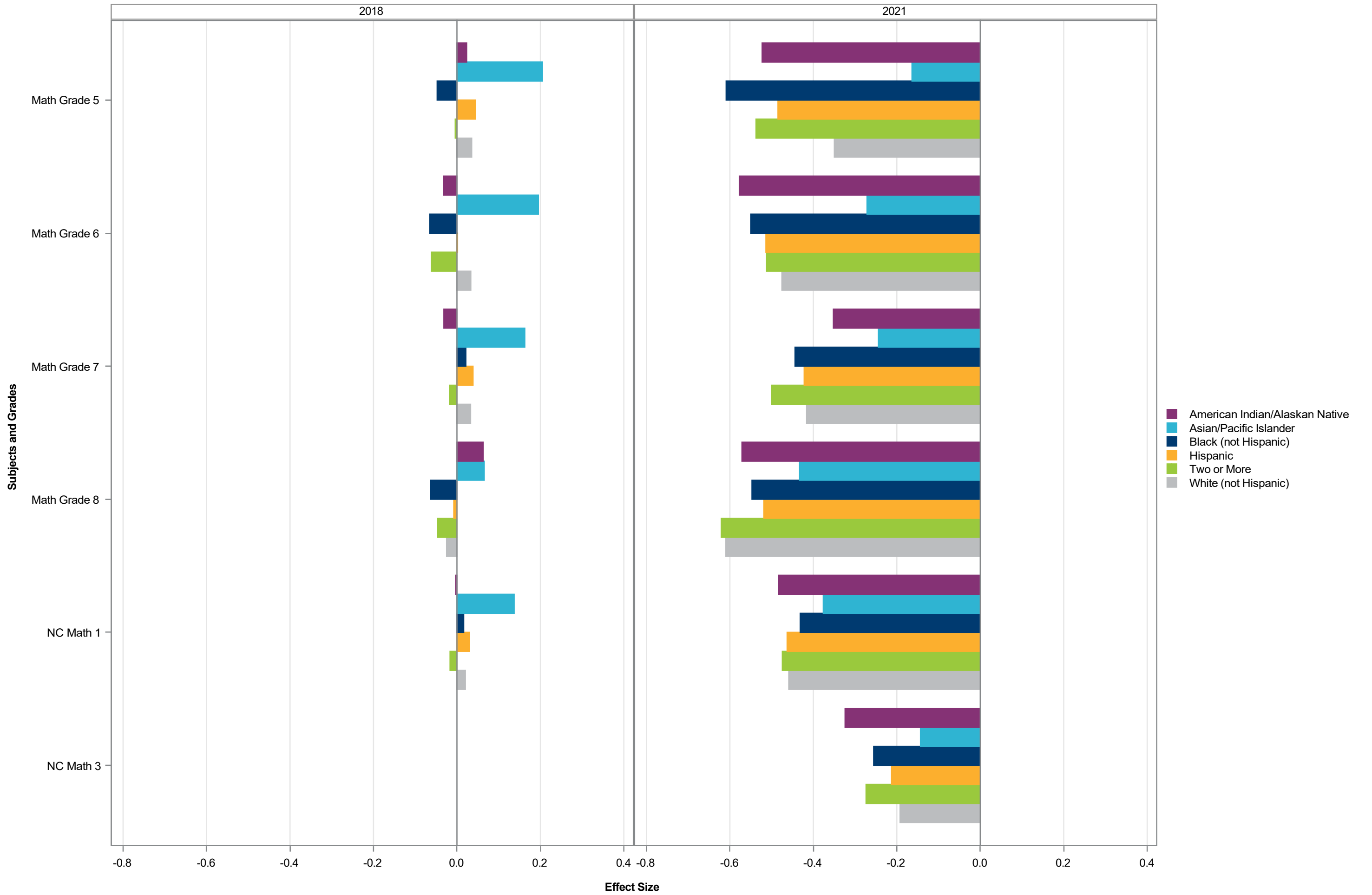
# Effect Size by Subject Grade - Race/Ethnicity Split by SBE Region - Northeast



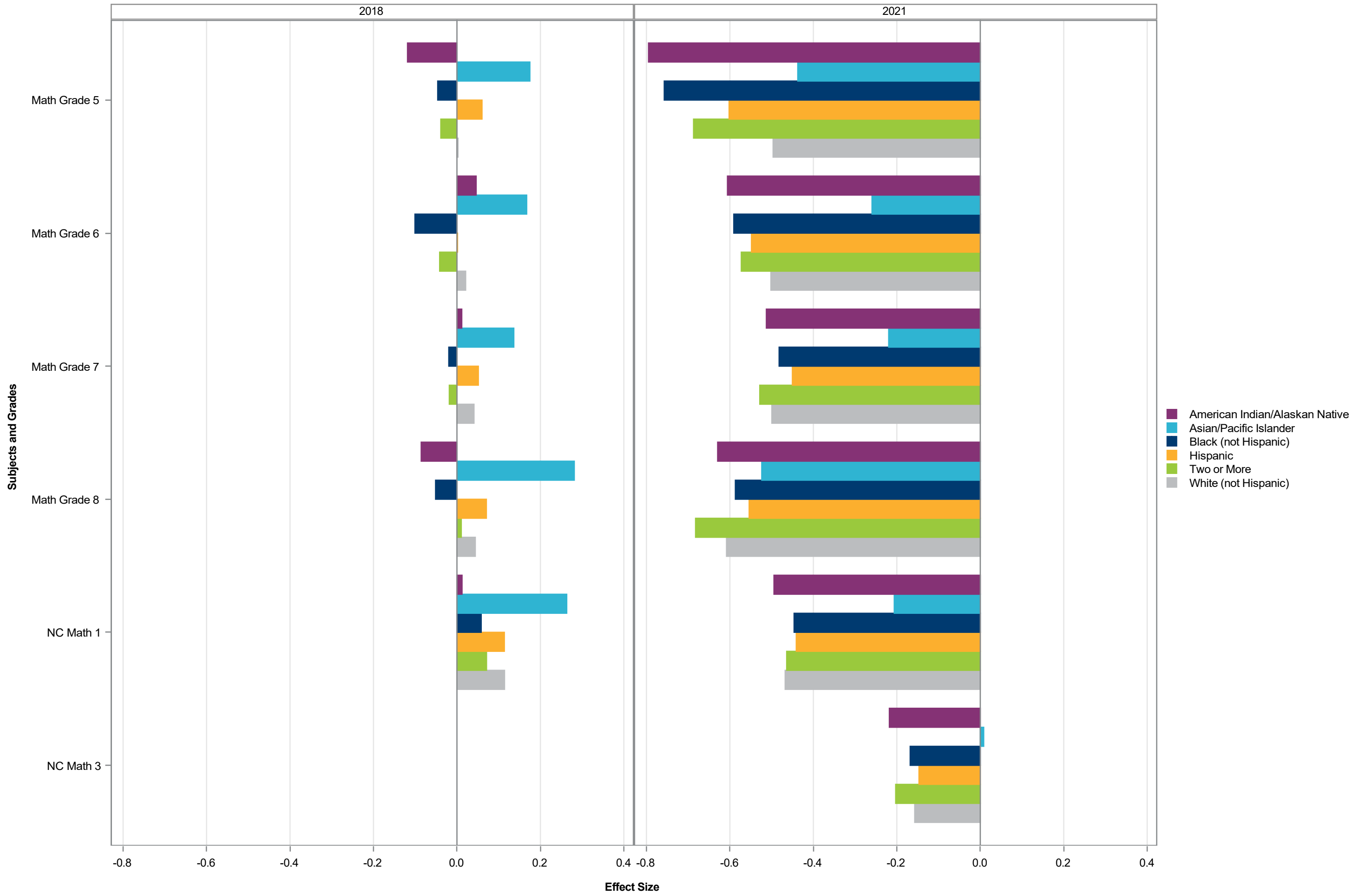
# Effect Size by Subject Grade - Race/Ethnicity Split by SBE Region - Northwest



Effect Size by Subject Grade - Race/Ethnicity Split by SBE Region - Piedmont Triad

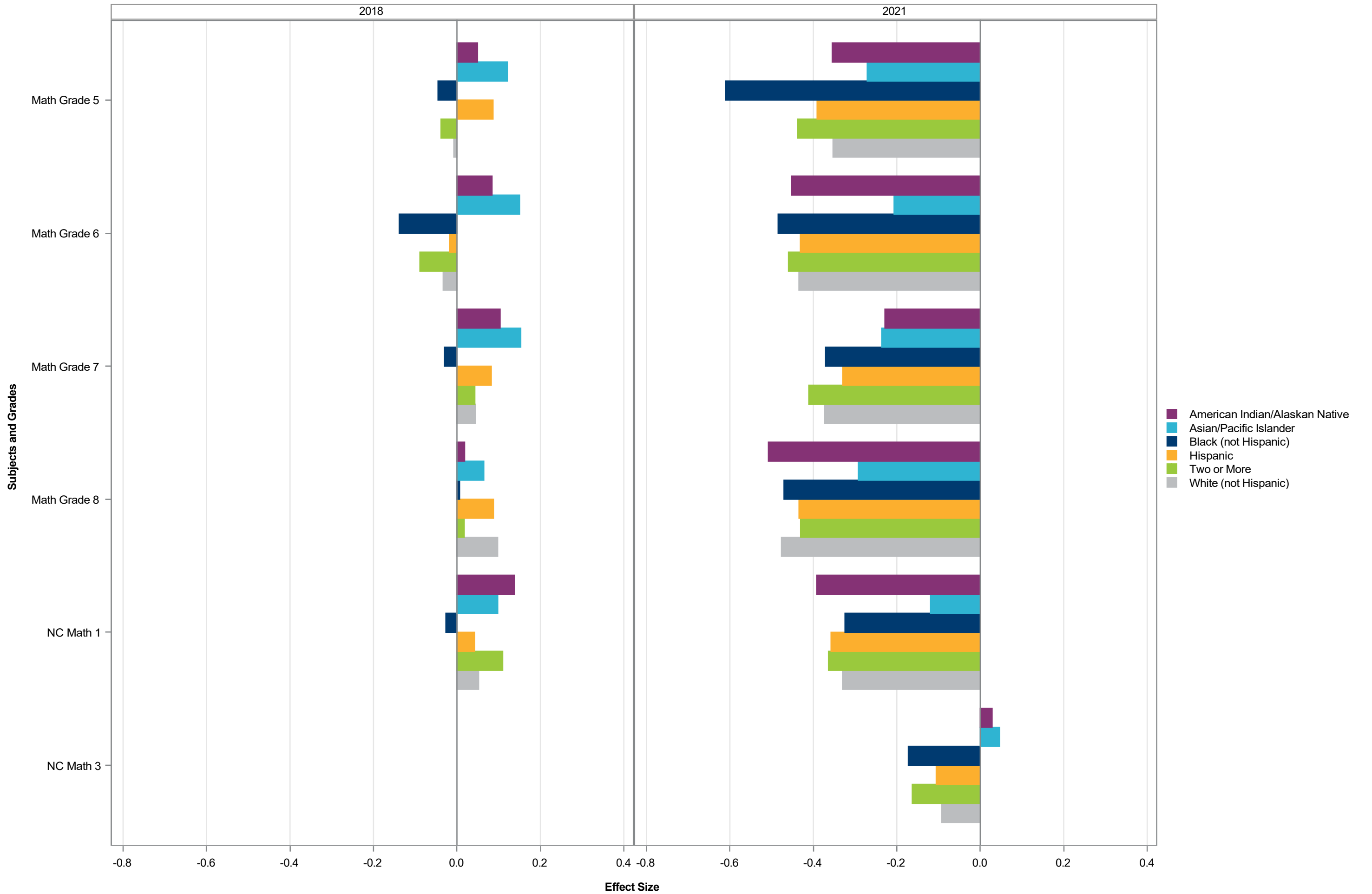


# Effect Size by Subject Grade - Race/Ethnicity Split by SBE Region - Sandhills

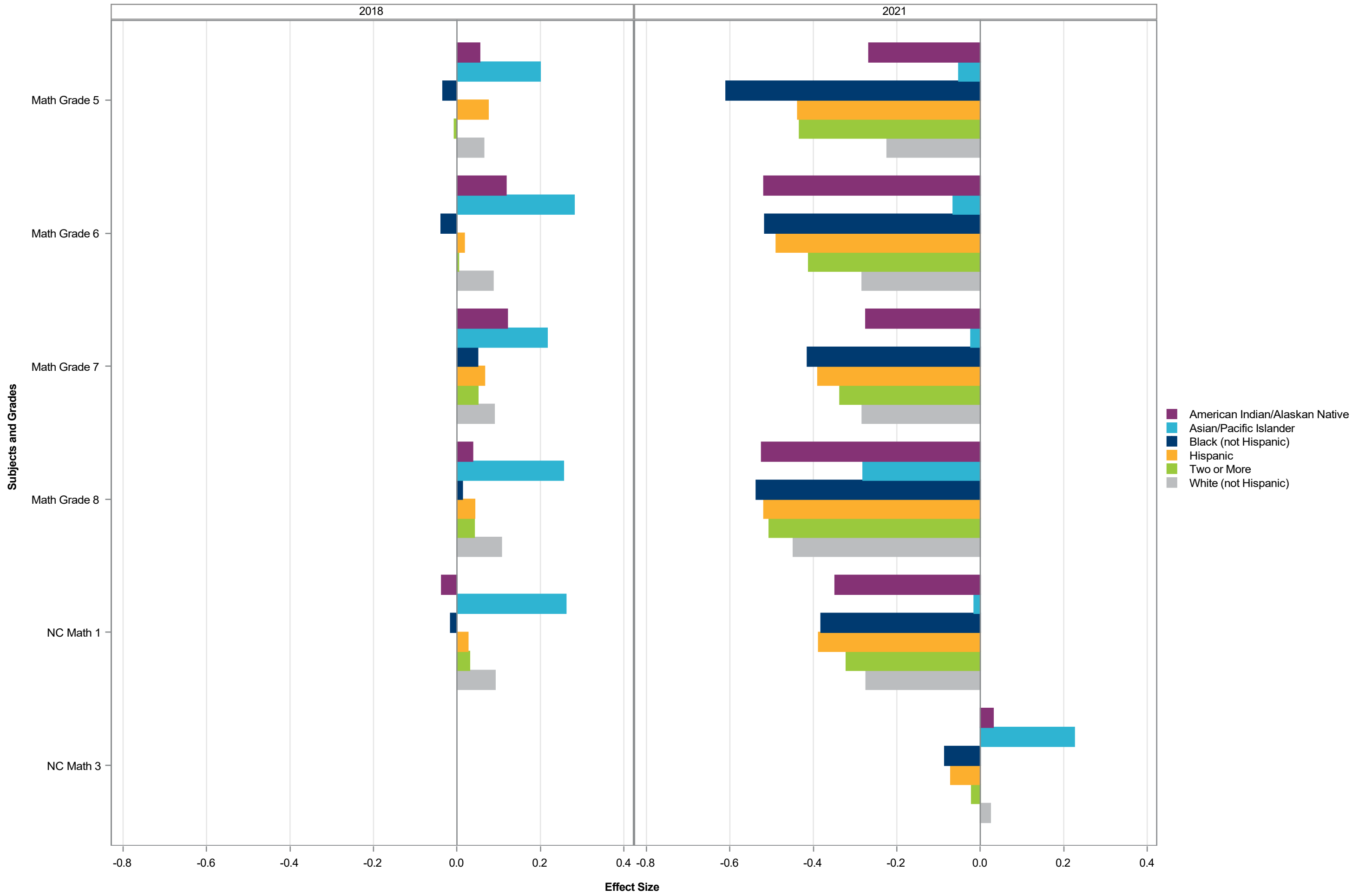




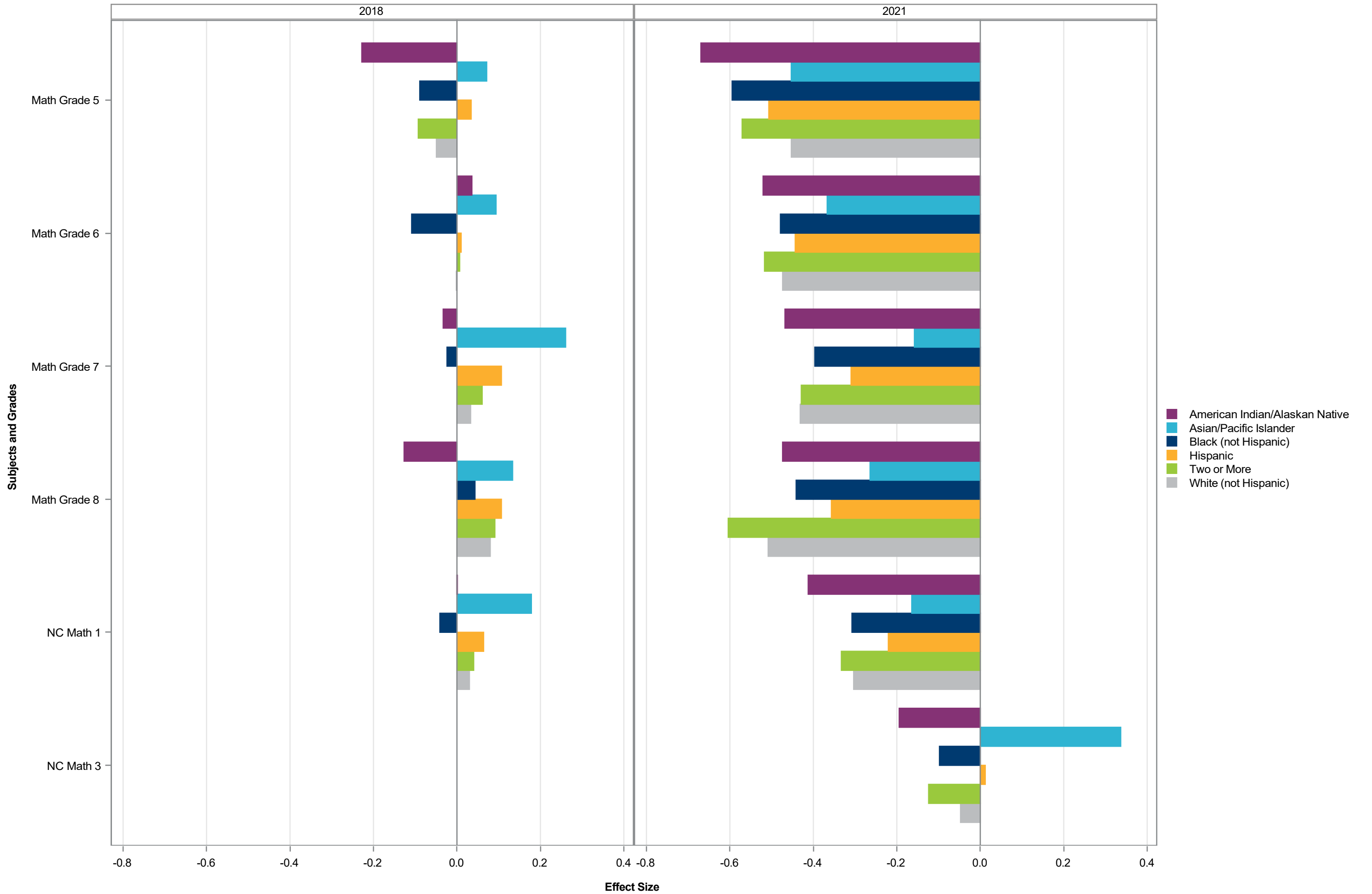
# Effect Size by Subject Grade - Race/Ethnicity Split by SBE Region - Southeast



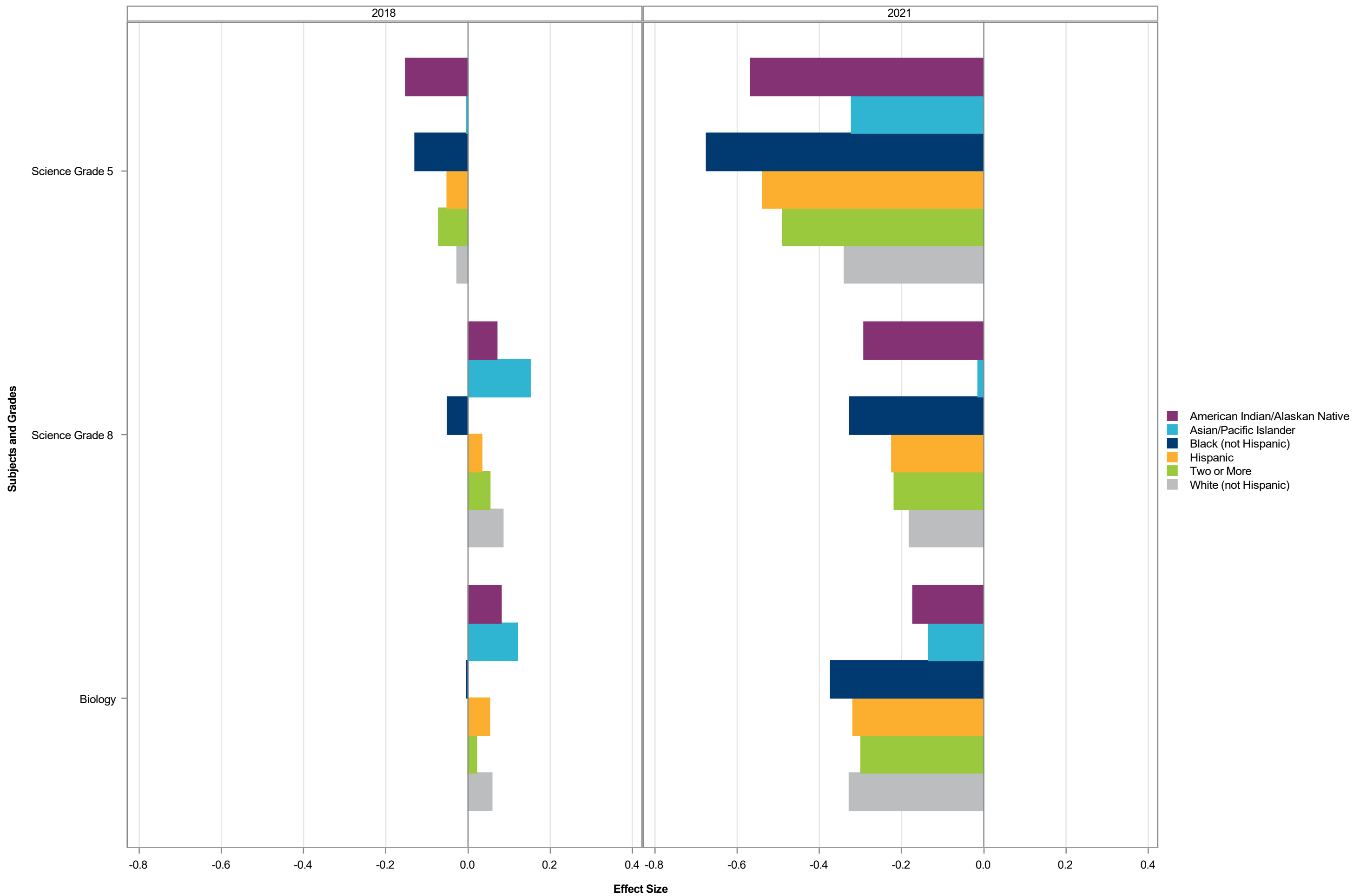
Effect Size by Subject Grade - Race/Ethnicity Split by SBE Region - Southwest



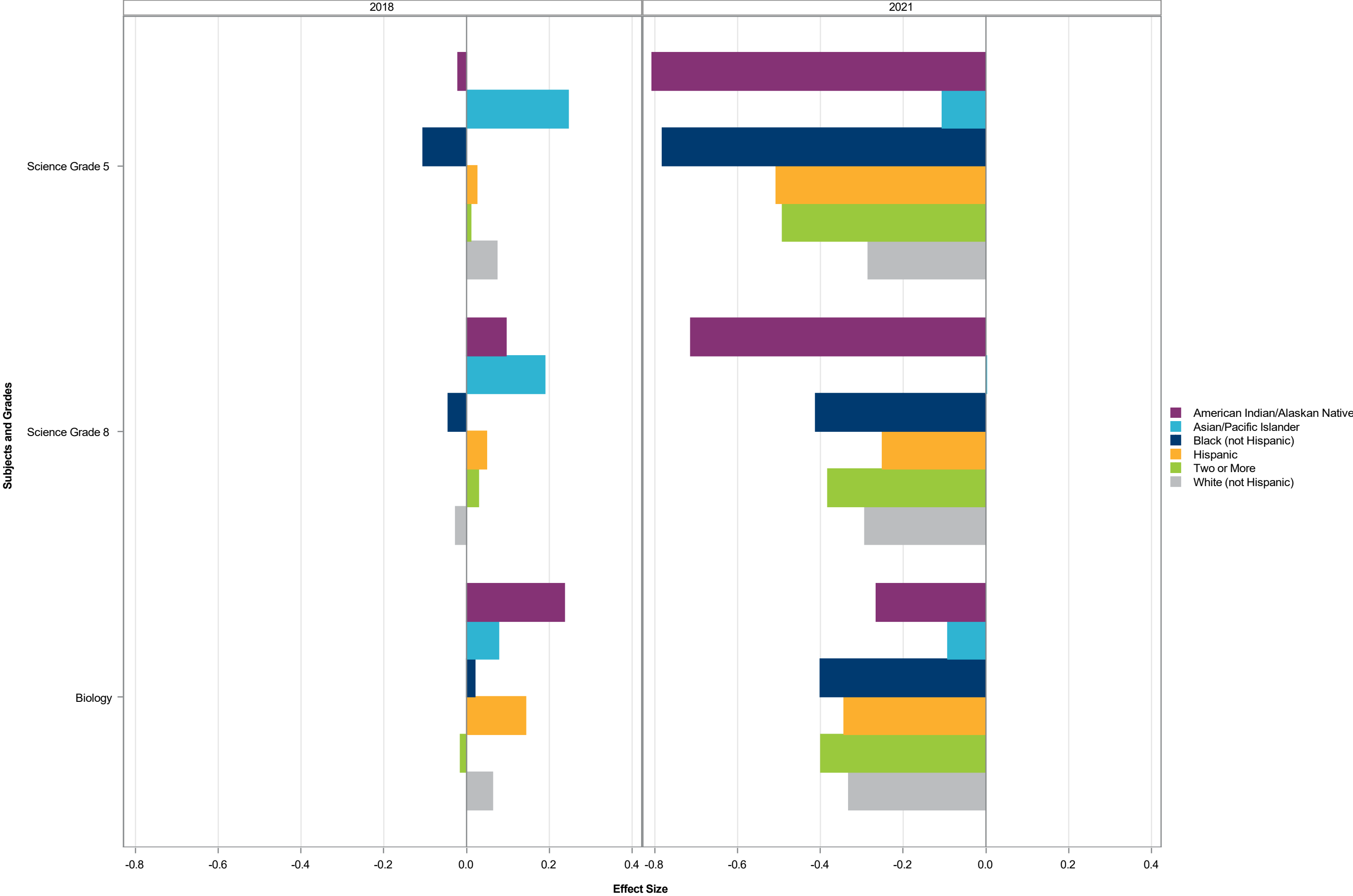
### Effect Size by Subject Grade - Race/Ethnicity Split by SBE Region - Western



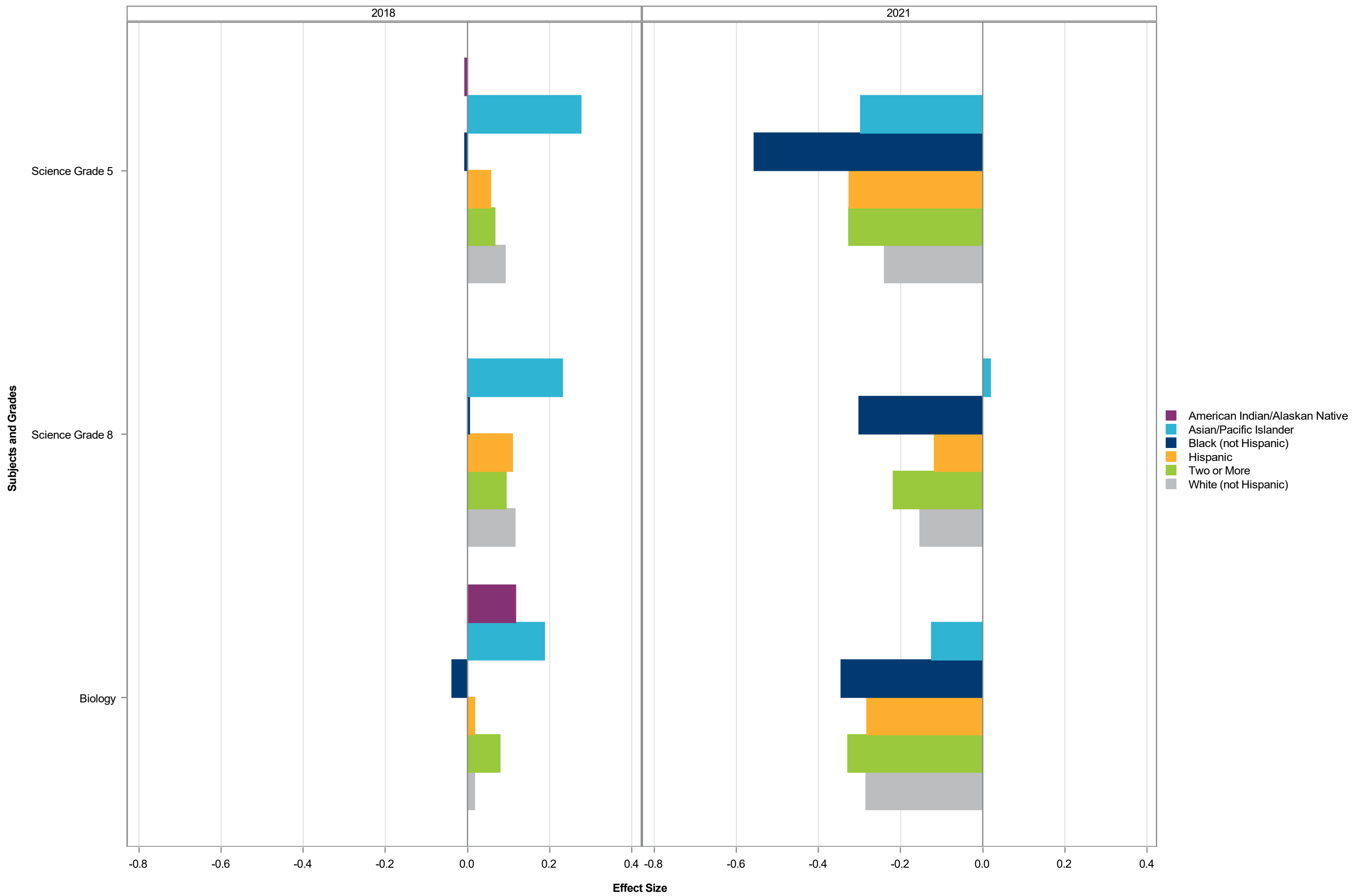
Effect Size by Subject Grade - Race/Ethnicity Split by SBE Region - North Central



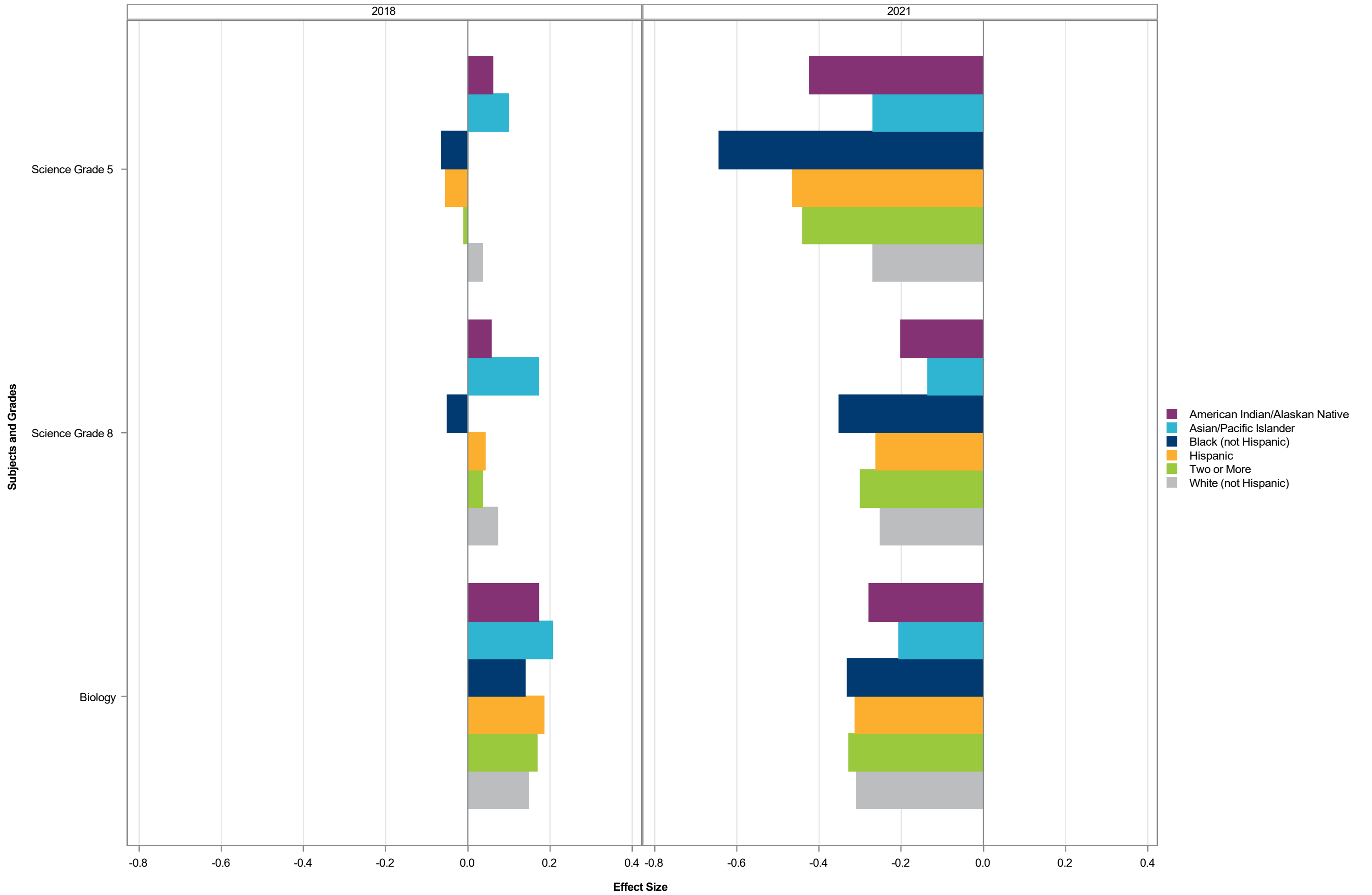
Effect Size by Subject Grade - Race/Ethnicity Split by SBE Region - Northeast



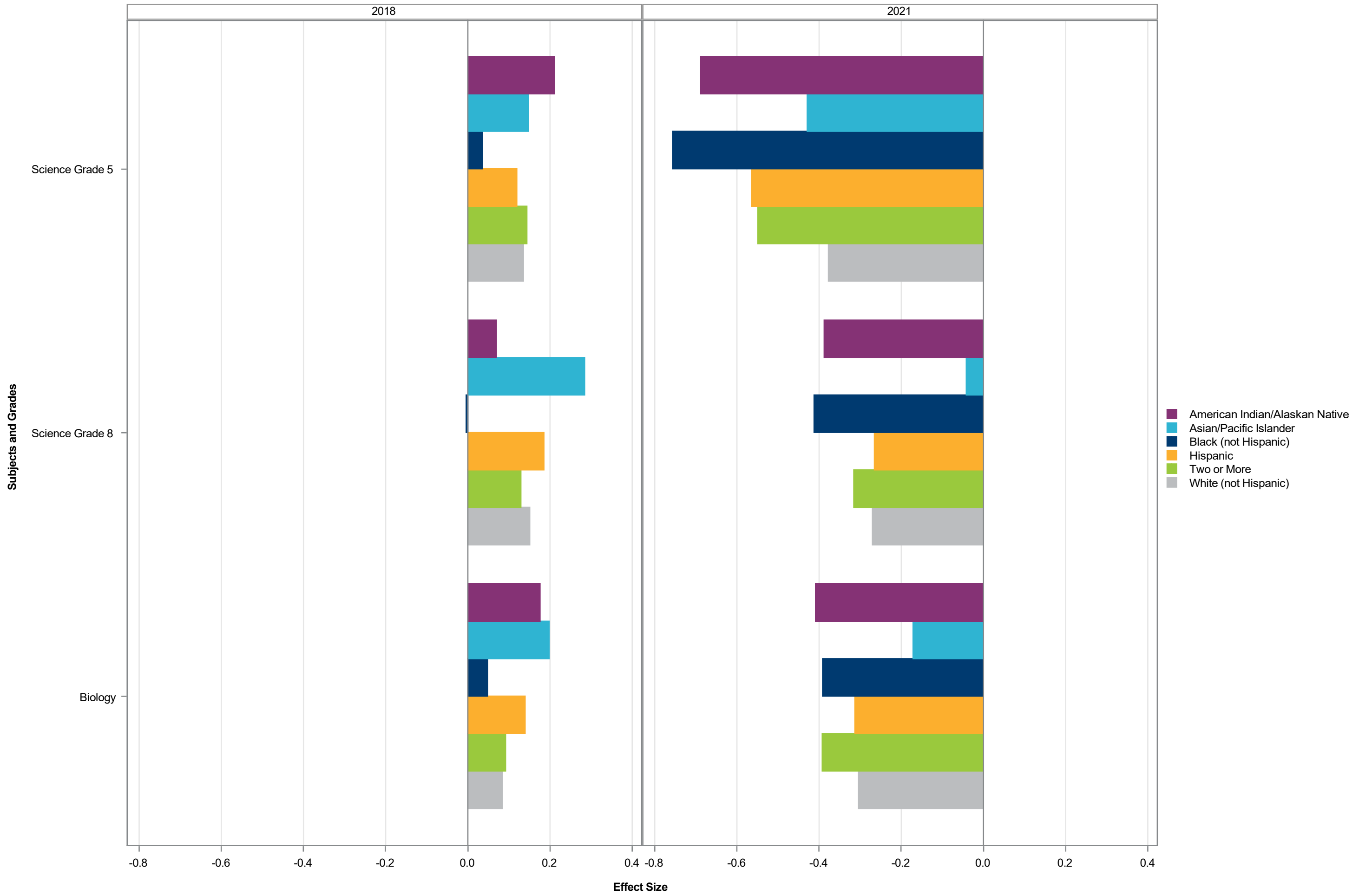
# Effect Size by Subject Grade - Race/Ethnicity Split by SBE Region - Northwest



# Effect Size by Subject Grade - Race/Ethnicity Split by SBE Region - Piedmont Triad

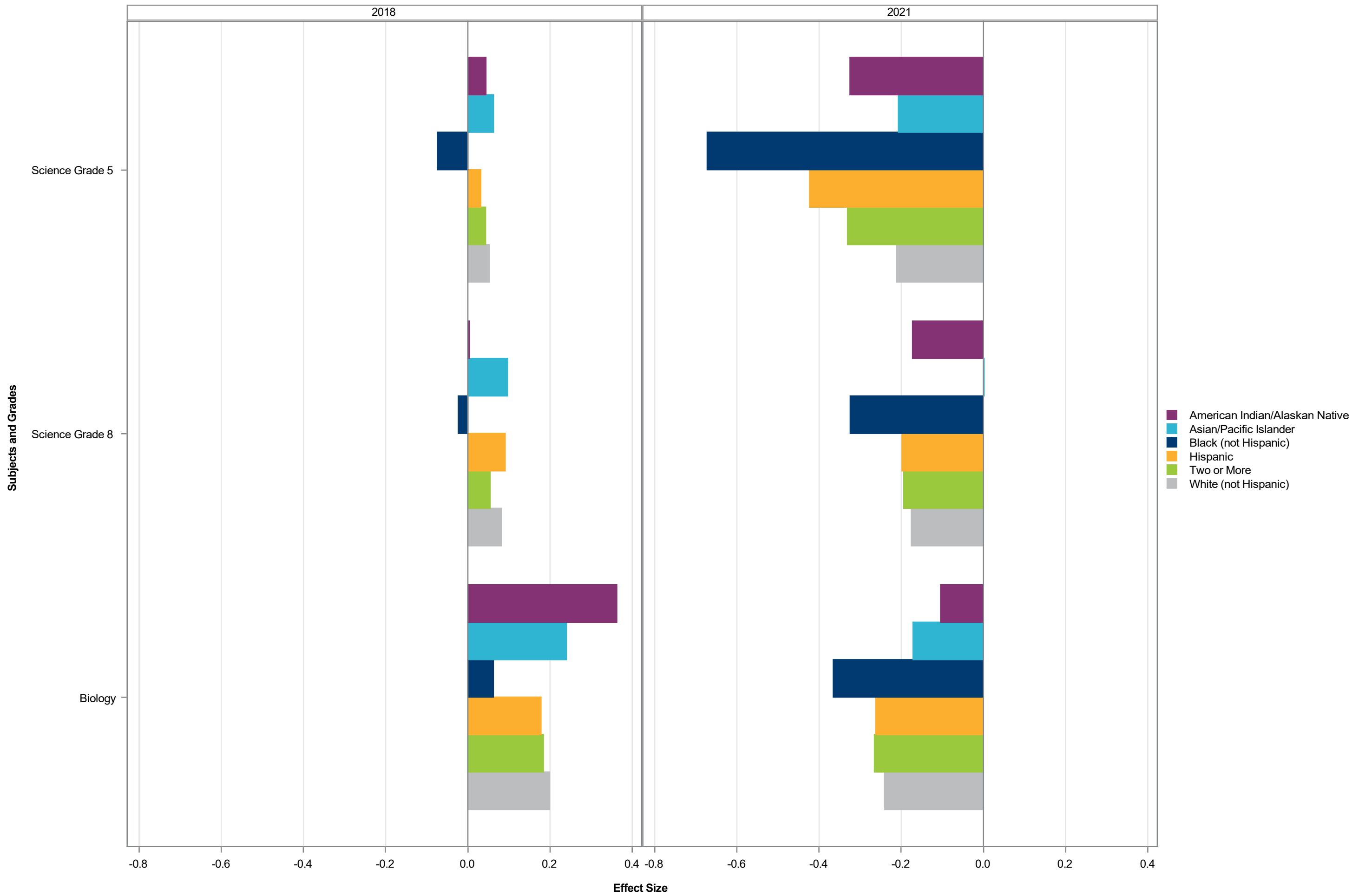


# Effect Size by Subject Grade - Race/Ethnicity Split by SBE Region - Sandhills

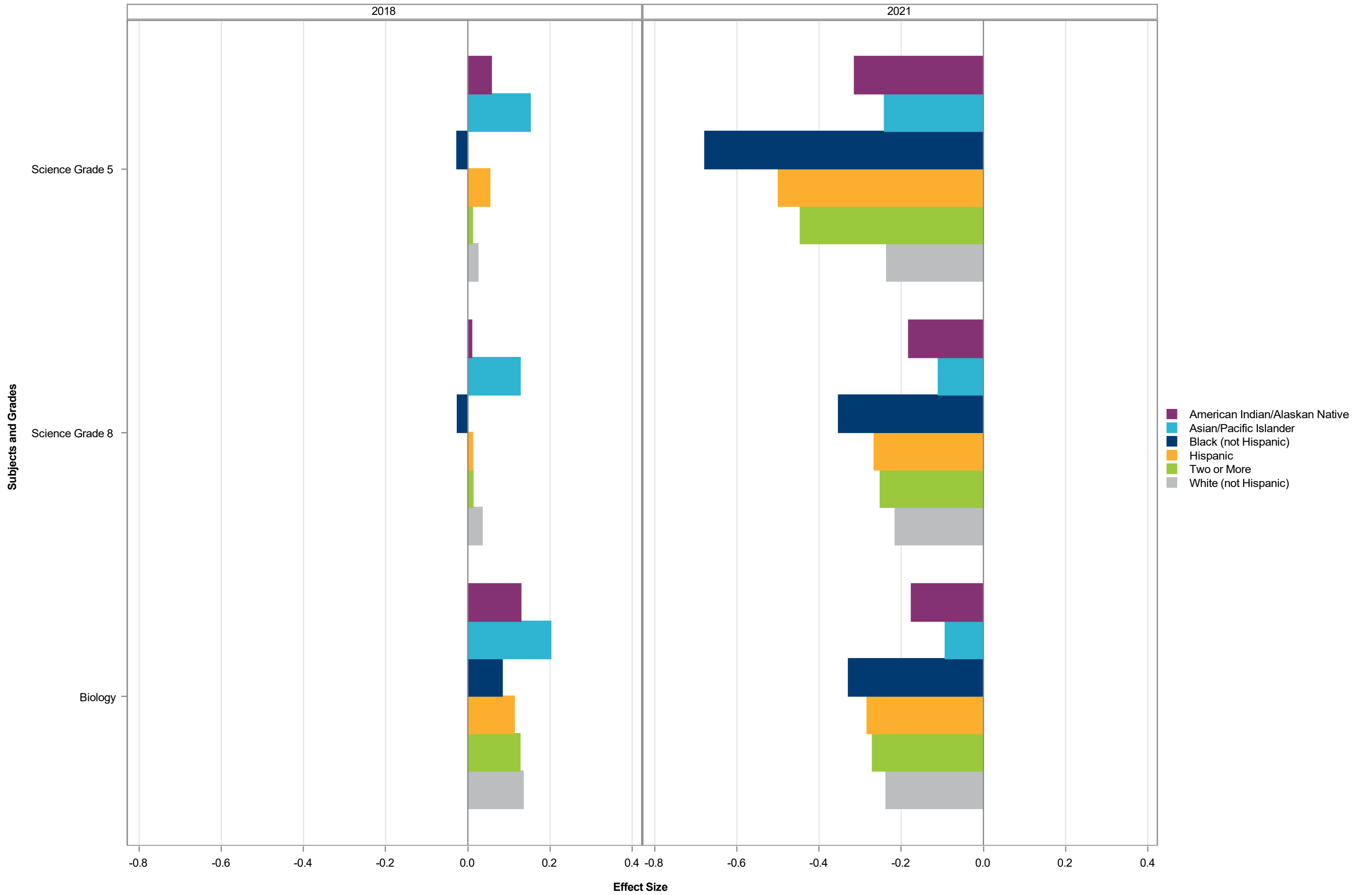




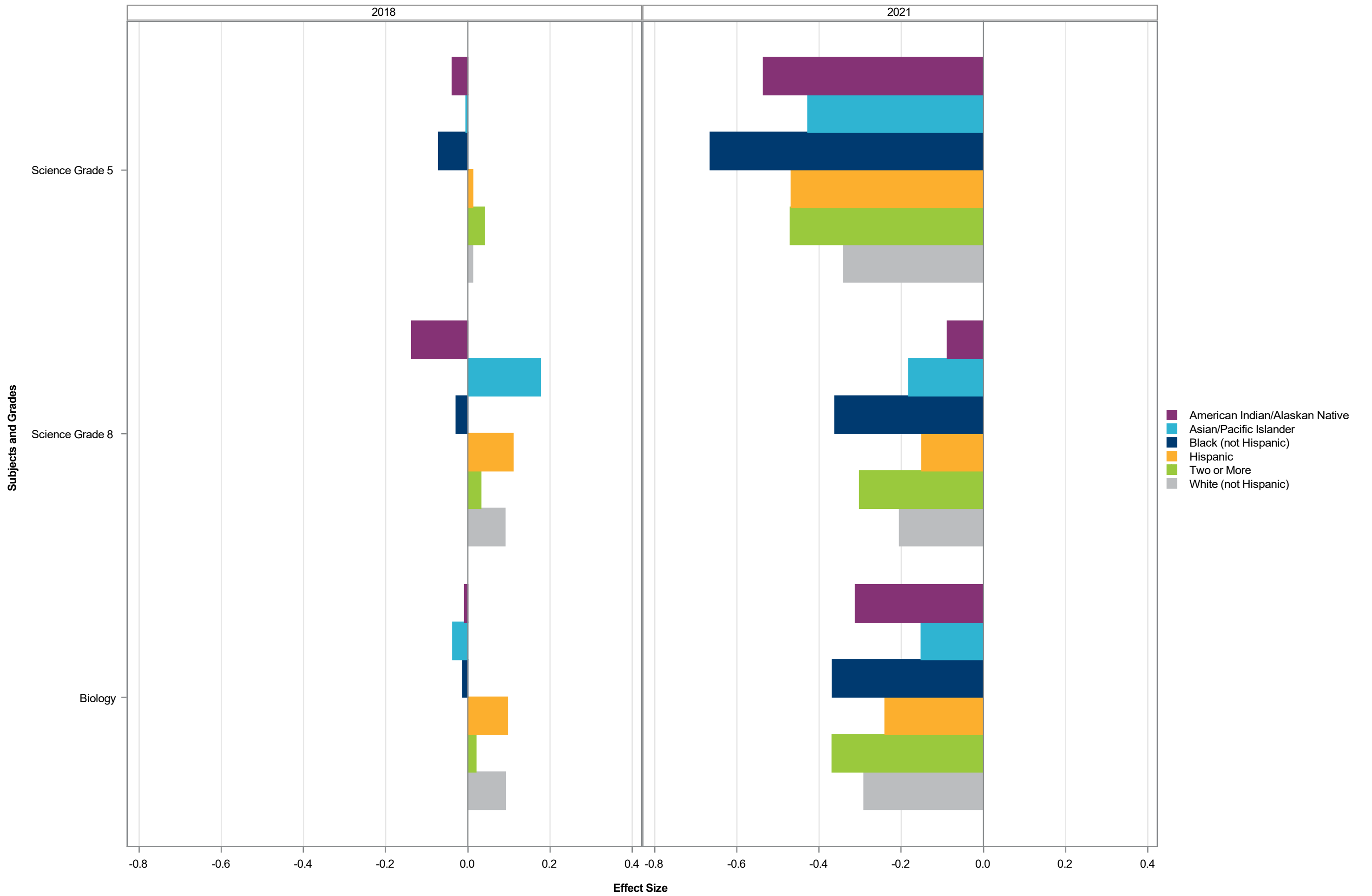
# Effect Size by Subject Grade - Race/Ethnicity Split by SBE Region - Southeast



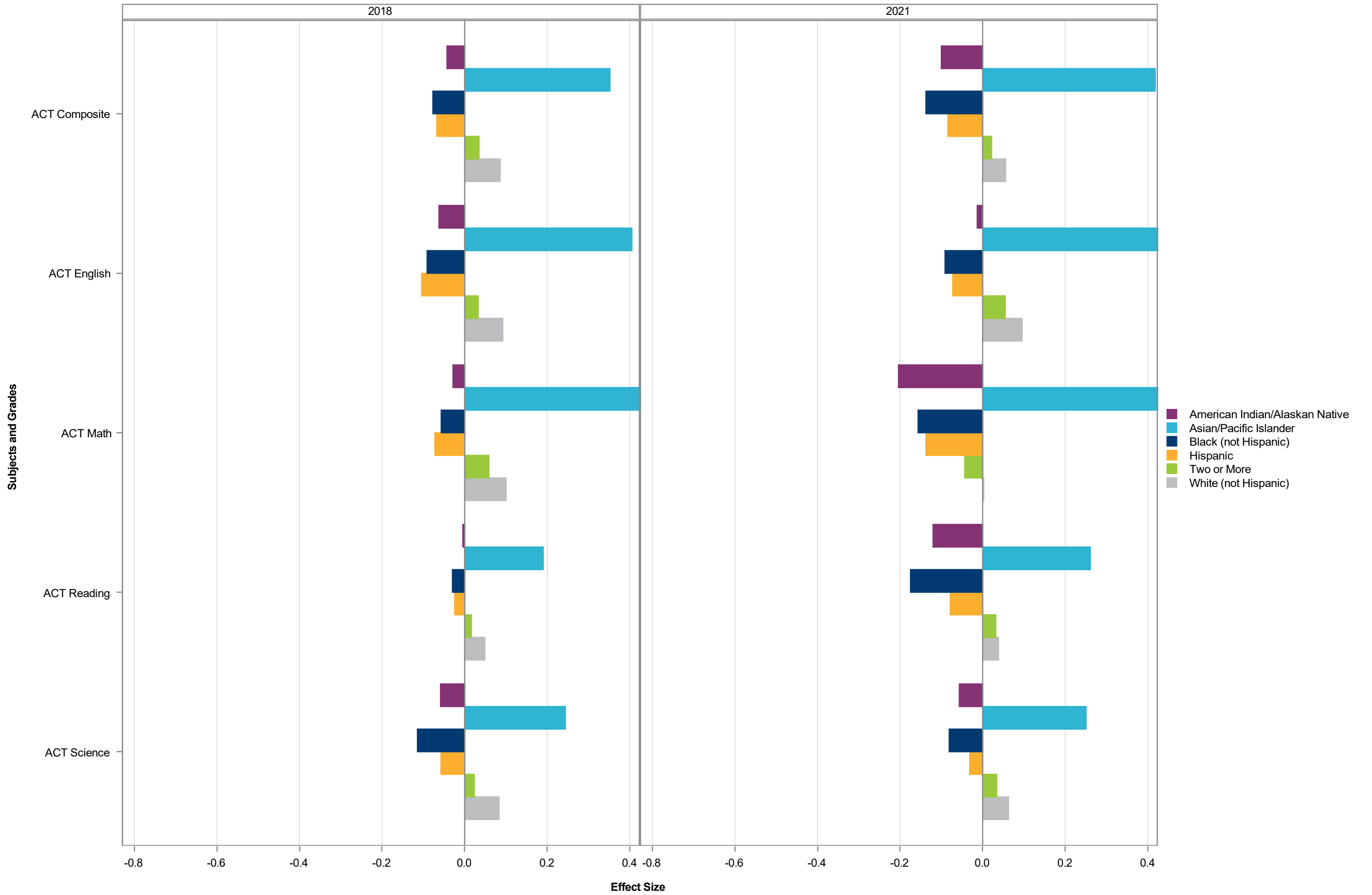
# Effect Size by Subject Grade - Race/Ethnicity Split by SBE Region - Southwest



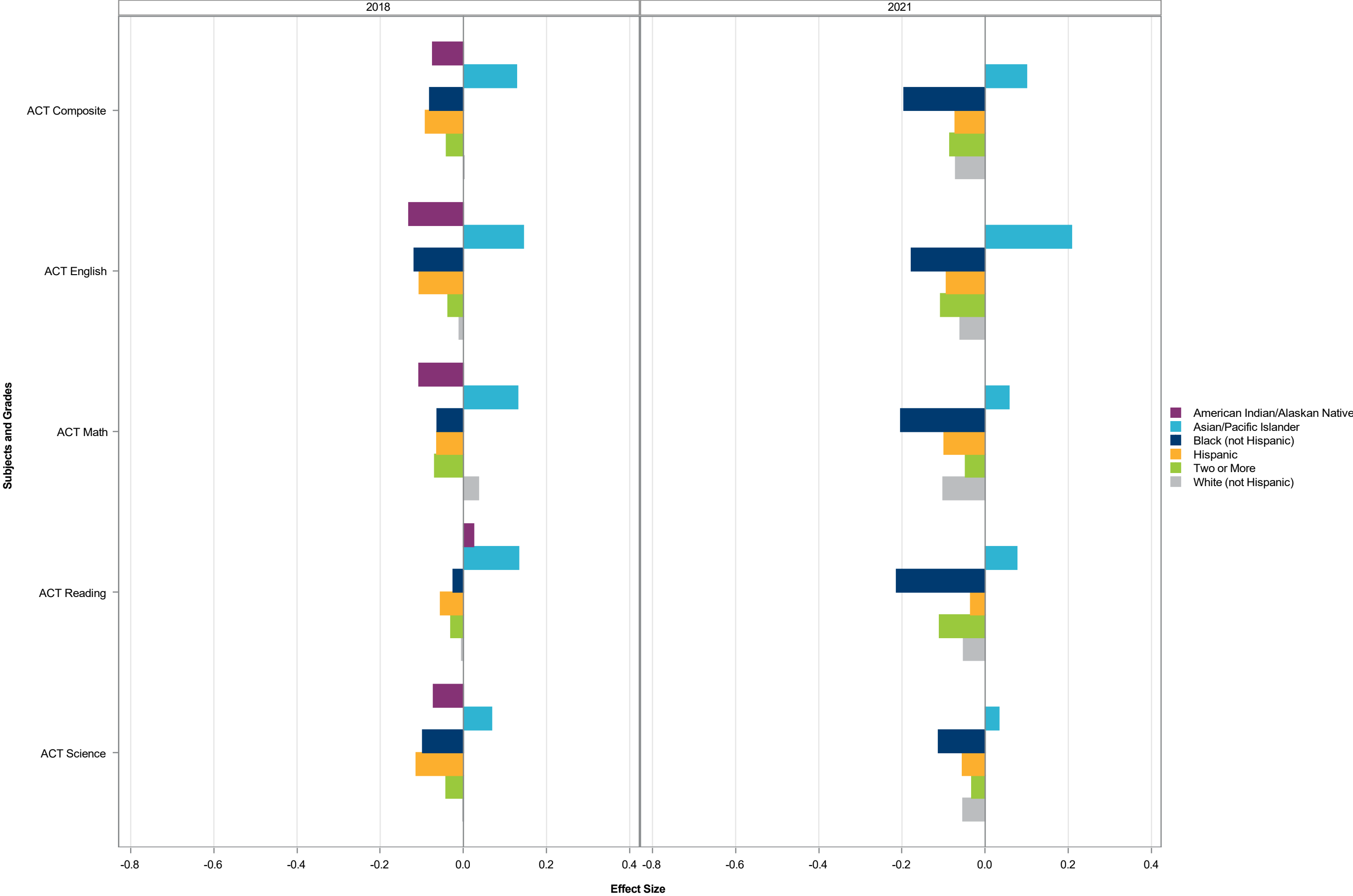
# Effect Size by Subject Grade - Race/Ethnicity Split by SBE Region - Western



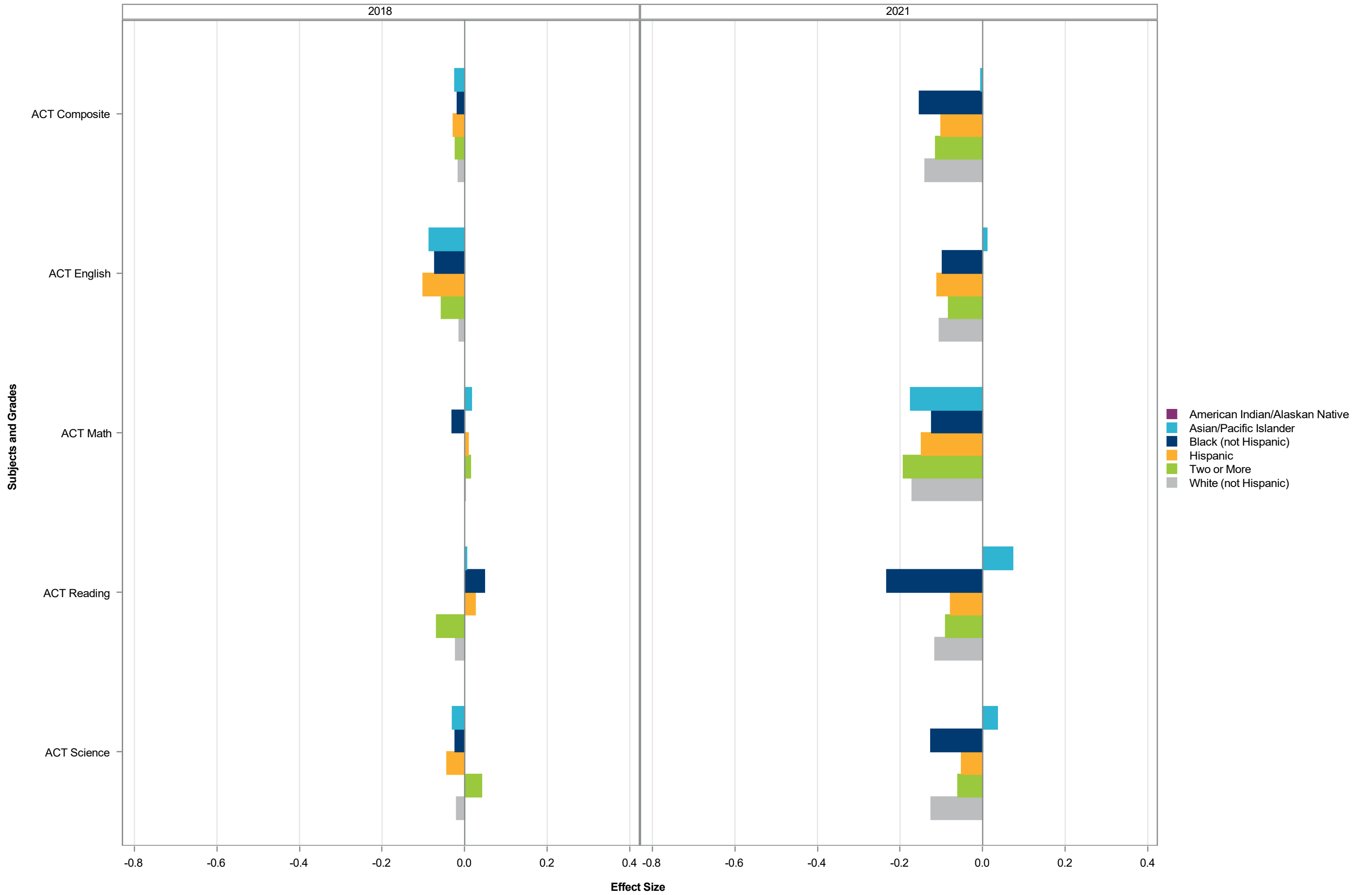
### Effect Size by Subject Grade - Race/Ethnicity Split by SBE Region - North Central



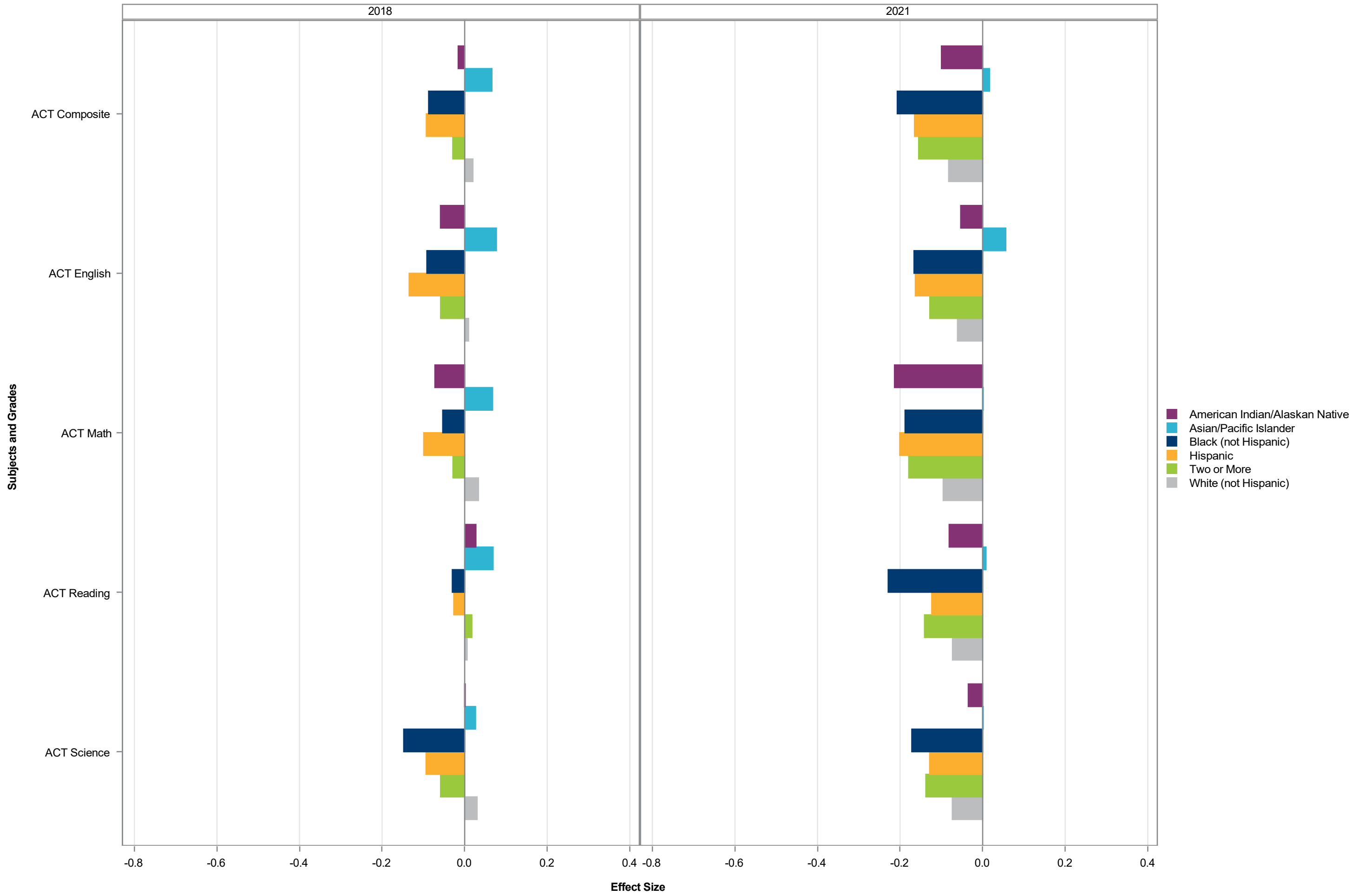
# Effect Size by Subject Grade - Race/Ethnicity Split by SBE Region - Northeast



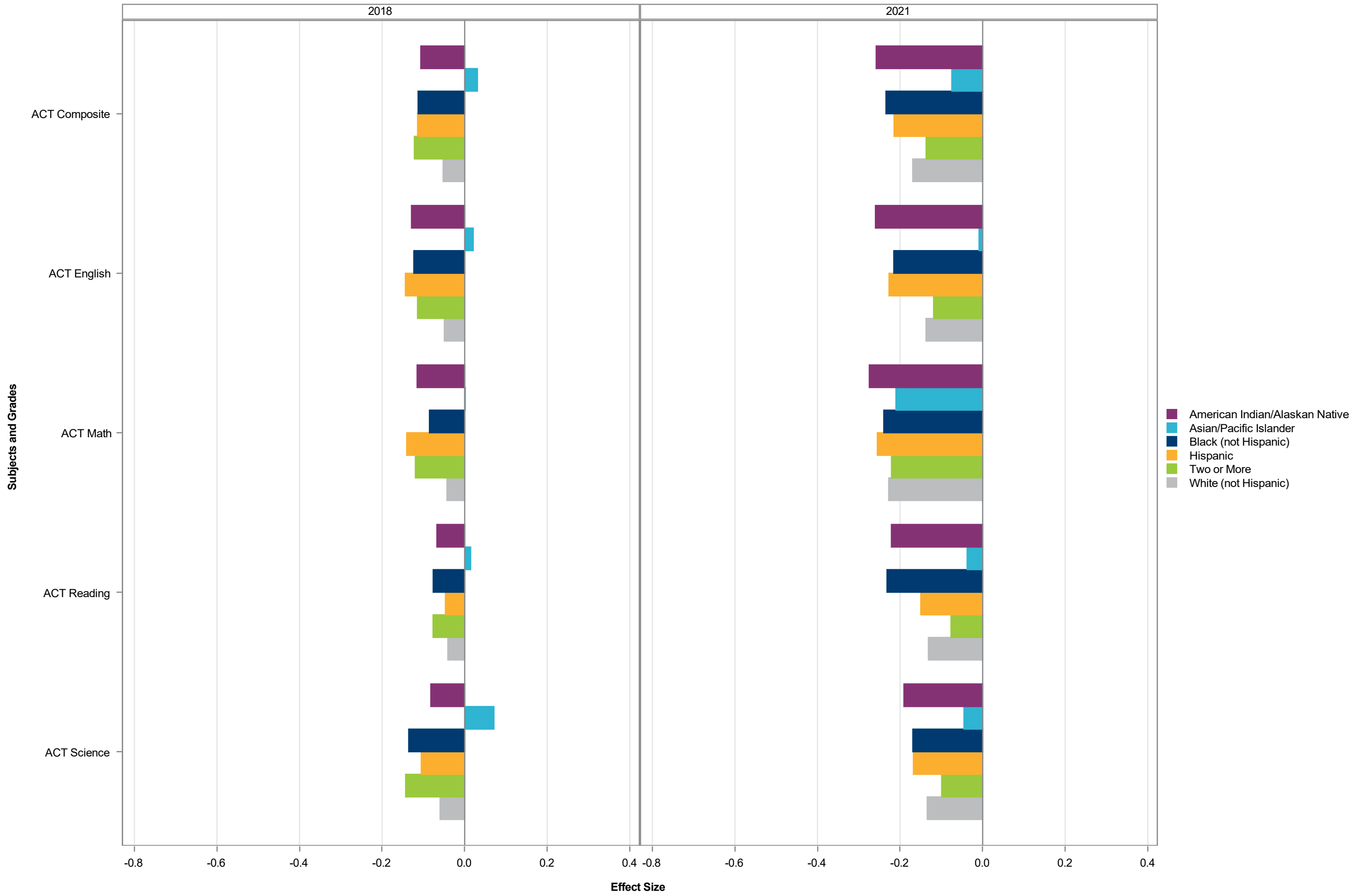
# Effect Size by Subject Grade - Race/Ethnicity Split by SBE Region - Northwest



Effect Size by Subject Grade - Race/Ethnicity Split by SBE Region - Piedmont Triad

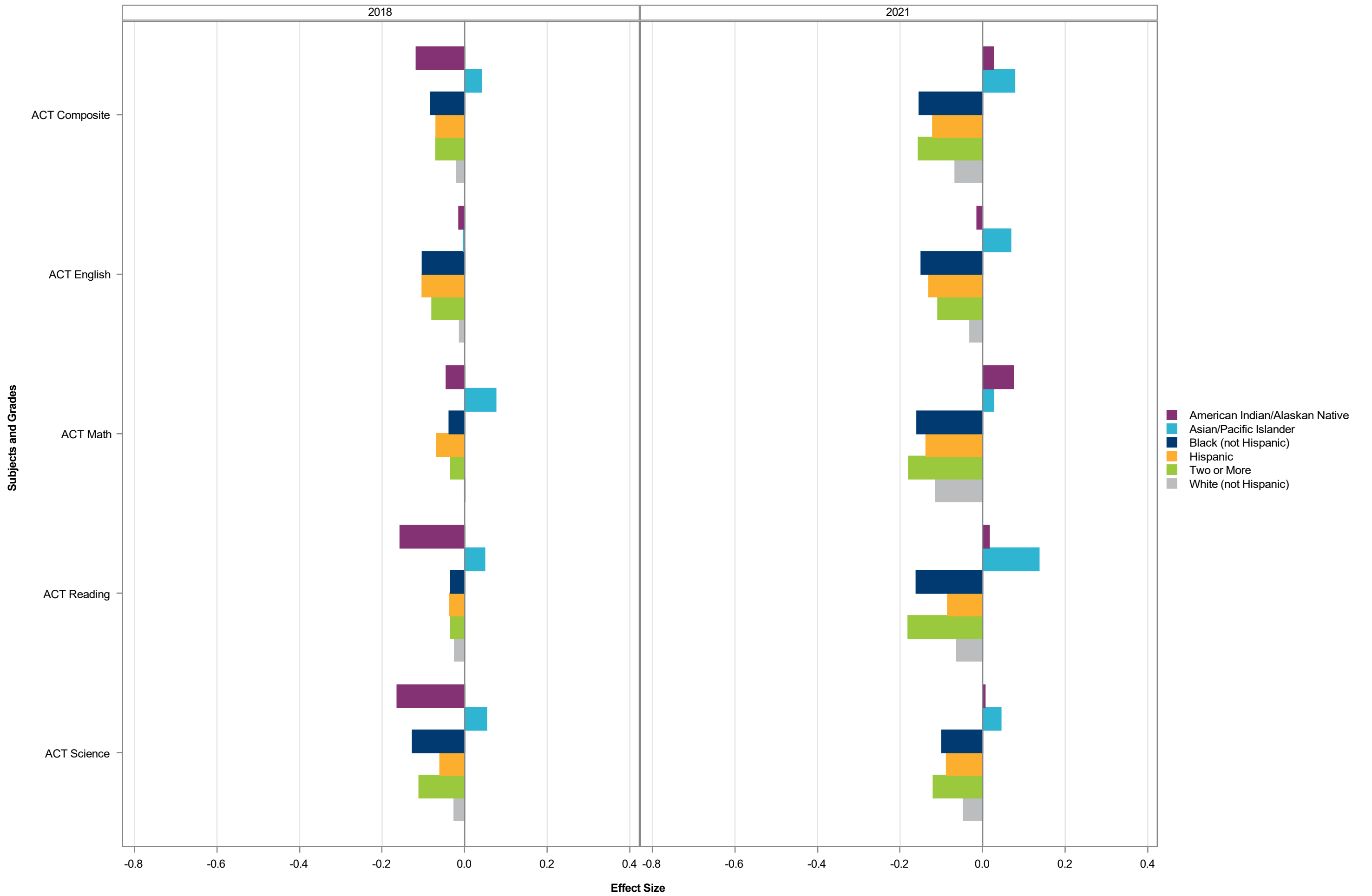


# Effect Size by Subject Grade - Race/Ethnicity Split by SBE Region - Sandhills

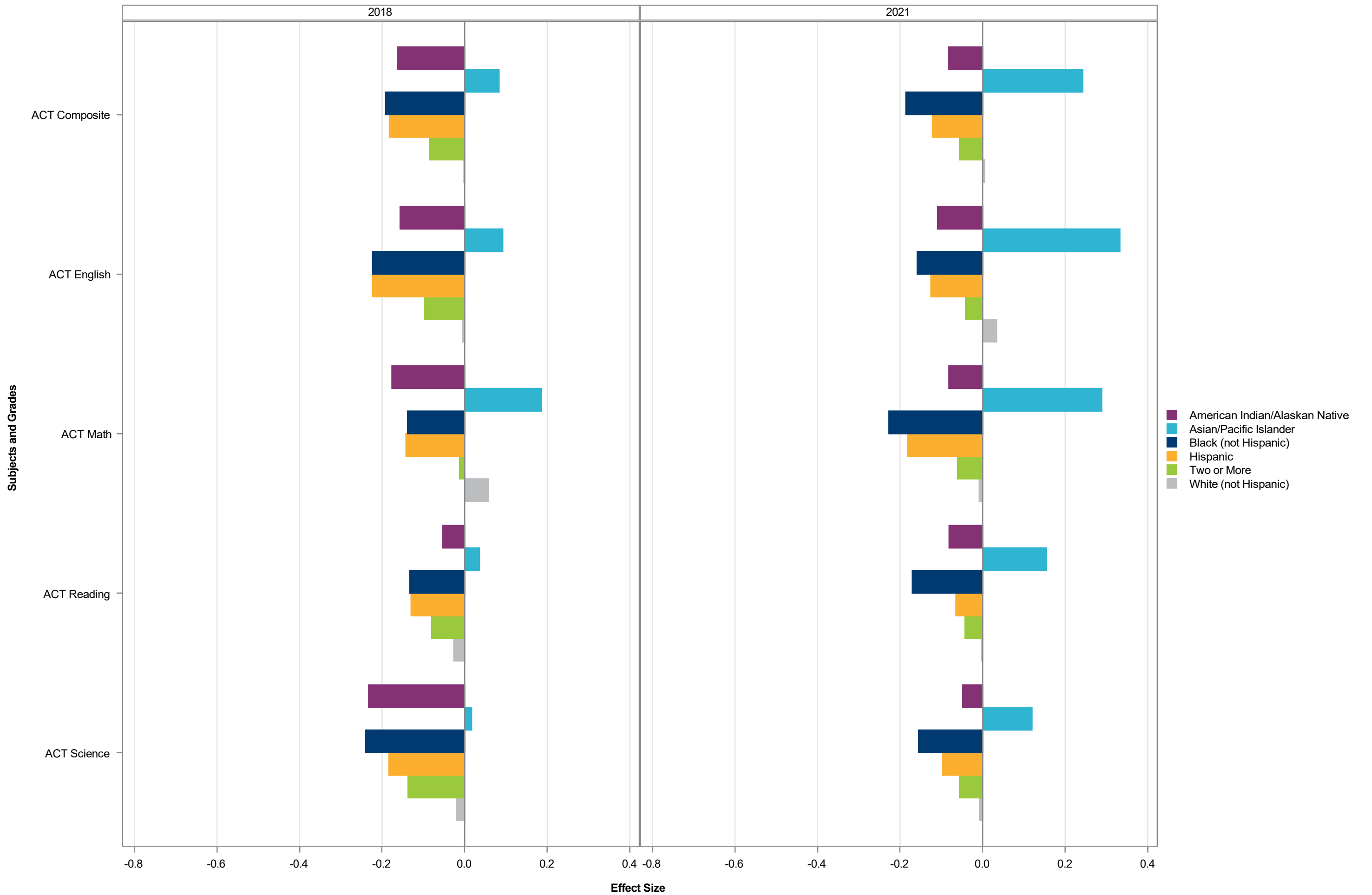




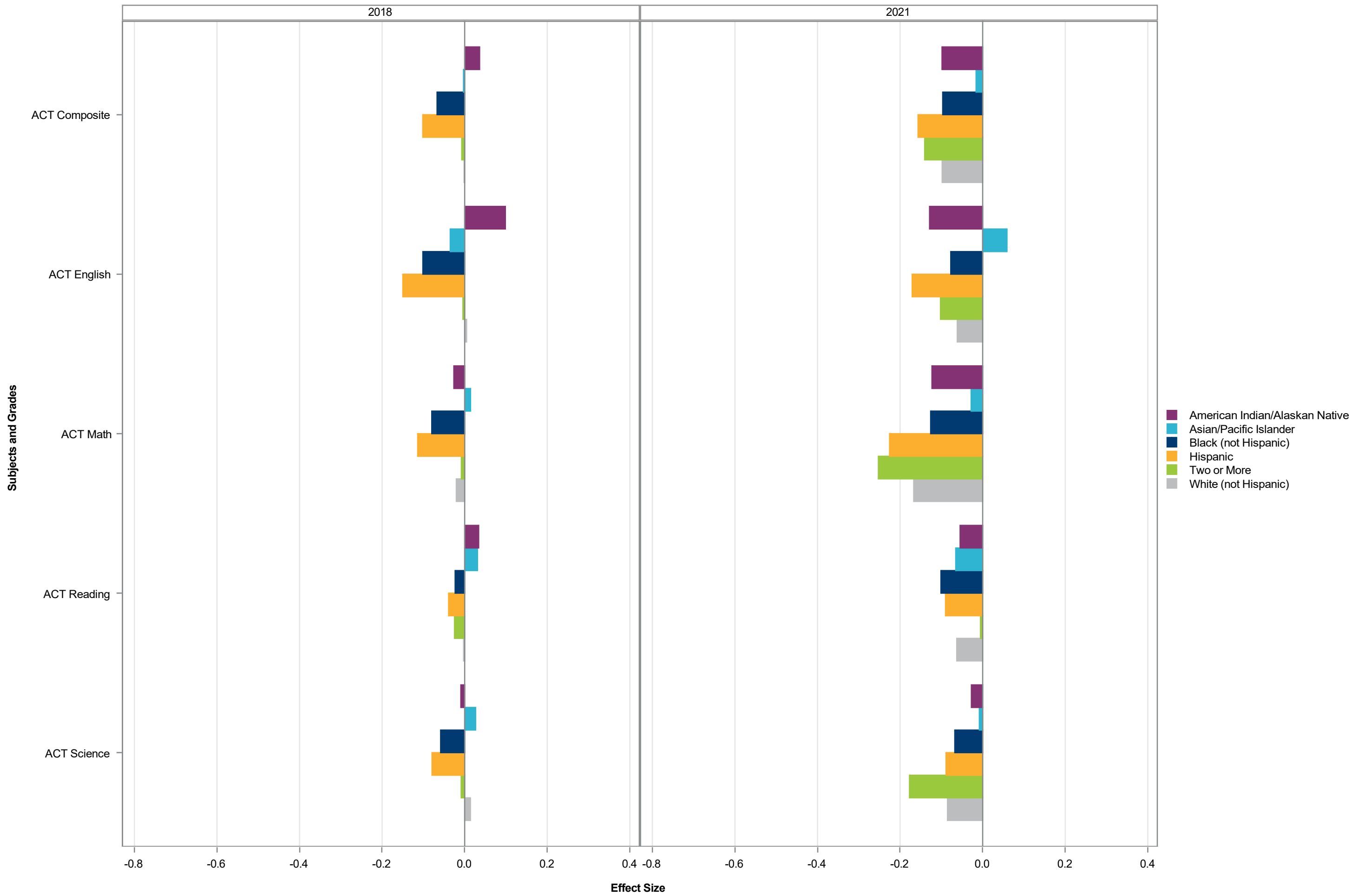
### Effect Size by Subject Grade - Race/Ethnicity Split by SBE Region - Southeast



Effect Size by Subject Grade - Race/Ethnicity Split by SBE Region - Southwest



# Effect Size by Subject Grade - Race/Ethnicity Split by SBE Region - Western



**Effect Size by Subject Grade - Race/Ethnicity Split by SBE Region - North Central - 2021**

	Race/Ethnicity Split by SBE Region																	
	American Indian/Alaskan Native			Asian/Pacific Islander			Black (not Hispanic)			Hispanic			Two or More			White (not Hispanic)		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.23	0.0138	1716	0.05	0.0041	22725	-0.31	0.0017	115371	-0.25	0.0019	91426	-0.22	0.0043	19485	-0.18	0.0013	192161
Reading Grade 3	-0.17	0.0807	59	0.14	0.0195	1135	-0.40	0.0091	5527	-0.18	0.0098	4522	-0.18	0.0231	1002	-0.05	0.0071	8834
Reading Grade 4	-0.39	0.0652	72	0.03	0.0191	1229	-0.54	0.0087	5730	-0.34	0.0095	4674	-0.31	0.0200	1077	-0.19	0.0069	9086
Reading Grade 5	-0.16	0.0790	65	-0.01	0.0137	1276	-0.22	0.0067	6187	-0.17	0.0074	5160	-0.16	0.0166	1070	-0.11	0.0053	9965
Reading Grade 6	-0.14	0.0590	87	-0.03	0.0126	1266	-0.14	0.0061	6368	-0.13	0.0067	5205	-0.15	0.0159	998	-0.21	0.0049	9837
Reading Grade 7	-0.17	0.0486	101	-0.07	0.0129	1220	-0.13	0.0059	6321	-0.11	0.0065	5375	-0.17	0.0148	1035	-0.24	0.0048	10019
Reading Grade 8	-0.12	0.0491	92	-0.06	0.0127	1202	-0.12	0.0060	6061	-0.09	0.0065	5071	-0.19	0.0150	966	-0.21	0.0047	9862
English II	0.09	0.0489	101	0.10	0.0129	1167	0.07	0.0057	6627	0.13	0.0064	5086	0.06	0.0148	1087	0.02	0.0045	10785
Science Grade 5	-0.57	0.0897	65	-0.32	0.0162	1276	-0.67	0.0077	6164	-0.54	0.0085	5157	-0.49	0.0195	1065	-0.34	0.0062	9949
Science Grade 8	-0.29	0.0526	92	-0.01	0.0152	1198	-0.33	0.0067	6027	-0.22	0.0072	5105	-0.22	0.0169	970	-0.18	0.0052	9909
Biology	-0.17	0.0536	100	-0.13	0.0153	1255	-0.37	0.0063	6268	-0.32	0.0075	4634	-0.30	0.0157	1062	-0.33	0.0050	10643
Math Grade 5	-0.61	0.0633	64	-0.07	0.0166	1275	-0.65	0.0073	6182	-0.53	0.0081	5151	-0.50	0.0194	1067	-0.36	0.0062	9953
Math Grade 6	-0.47	0.0556	87	-0.05	0.0158	1259	-0.52	0.0065	6386	-0.52	0.0073	5200	-0.46	0.0175	1002	-0.39	0.0054	9815
Math Grade 7	-0.45	0.0595	98	0.00	0.0159	1216	-0.42	0.0065	6302	-0.39	0.0072	5383	-0.40	0.0167	1027	-0.39	0.0053	9966
Math Grade 8	-0.42	0.0841	66	-0.40	0.0414	292	-0.55	0.0086	4638	-0.54	0.0098	3838	-0.54	0.0246	590	-0.56	0.0092	4650
NC Math 1	-0.37	0.0570	102	-0.08	0.0167	1281	-0.42	0.0060	7250	-0.42	0.0070	5498	-0.43	0.0167	1102	-0.42	0.0052	10726
NC Math 3	-0.11	0.0571	96	0.09	0.0164	1269	-0.17	0.0072	5662	-0.15	0.0087	4260	-0.18	0.0191	939	-0.17	0.0059	10216
ACT Composite	-0.10	0.0432	93	0.42	0.0199	1035	-0.14	0.0067	4659	-0.08	0.0079	3269	0.02	0.0174	872	0.06	0.0053	9629
ACT English	-0.01	0.0509	93	0.59	0.0234	1036	-0.09	0.0077	4673	-0.07	0.0090	3277	0.05	0.0204	875	0.10	0.0063	9637
ACT Math	-0.20	0.0517	93	0.45	0.0234	1036	-0.16	0.0073	4672	-0.14	0.0087	3277	-0.04	0.0187	872	0.00	0.0059	9635
ACT Reading	-0.12	0.0609	93	0.26	0.0212	1035	-0.17	0.0085	4664	-0.08	0.0100	3273	0.03	0.0211	873	0.04	0.0065	9629
ACT Science	-0.06	0.0515	93	0.25	0.0207	1036	-0.08	0.0086	4665	-0.03	0.0101	3271	0.03	0.0208	873	0.06	0.0063	9632

**Effect Size by Subject Grade - Race/Ethnicity Split by SBE Region - Northeast - 2021**

	Race/Ethnicity Split by SBE Region																	
	American Indian/Alaskan Native			Asian/Pacific Islander			Black (not Hispanic)			Hispanic			Two or More			White (not Hispanic)		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.43	0.0370	276	-0.03	0.0193	866	-0.36	0.0030	36606	-0.23	0.0059	9237	-0.31	0.0090	4087	-0.24	0.0030	37392
Reading Grade 3	-0.34	0.1532	22	-0.12	0.0984	45	-0.41	0.0159	1703	-0.15	0.0289	513	-0.18	0.0418	252	-0.17	0.0161	1706
Reading Grade 4	-0.36	0.1009	30	-0.12	0.1261	40	-0.55	0.0155	1730	-0.37	0.0291	494	-0.42	0.0420	243	-0.25	0.0157	1786
Reading Grade 5	-0.05	0.1485	12	-0.02	0.0686	43	-0.27	0.0118	2017	-0.17	0.0243	506	-0.22	0.0363	214	-0.16	0.0124	1808
Reading Grade 6	-0.20	0.1533	16	0.01	0.0869	46	-0.19	0.0105	2122	-0.16	0.0222	499	-0.18	0.0309	258	-0.25	0.0116	1813
Reading Grade 7	-0.29	0.1250	15	-0.08	0.0644	48	-0.17	0.0100	2161	-0.05	0.0191	567	-0.22	0.0305	257	-0.28	0.0103	2063
Reading Grade 8	-0.17	0.1104	17	-0.14	0.0676	45	-0.15	0.0104	2041	-0.14	0.0194	518	-0.23	0.0294	242	-0.27	0.0105	2054
English II	0.20	0.1642	12	0.12	0.0603	43	0.02	0.0097	1914	0.10	0.0187	512	-0.01	0.0358	192	-0.03	0.0103	2067
Science Grade 5	-0.81	0.1657	12	-0.11	0.0750	42	-0.78	0.0139	2002	-0.51	0.0284	507	-0.49	0.0397	215	-0.28	0.0153	1806
Science Grade 8	-0.71	0.1652	17	0.00	0.0755	44	-0.41	0.0113	2044	-0.25	0.0224	518	-0.38	0.0338	246	-0.29	0.0120	2082
Biology	-0.27	0.0769	24	-0.09	0.0912	37	-0.40	0.0110	1758	-0.34	0.0229	427	-0.40	0.0378	172	-0.33	0.0108	2002
Math Grade 5	-0.89	0.1694	12	-0.22	0.0941	43	-0.73	0.0129	2010	-0.55	0.0256	505	-0.64	0.0421	214	-0.47	0.0145	1804
Math Grade 6	-0.86	0.1234	16	-0.11	0.0863	45	-0.61	0.0117	2114	-0.45	0.0263	494	-0.52	0.0342	257	-0.46	0.0131	1809
Math Grade 7	-0.77	0.1073	13	-0.10	0.0873	48	-0.40	0.0112	2160	-0.31	0.0222	571	-0.43	0.0313	255	-0.35	0.0120	2062
Math Grade 8	-0.82	0.1655	17	-0.38	0.2021	16	-0.61	0.0141	1812	-0.47	0.0317	405	-0.63	0.0429	192	-0.56	0.0176	1376
NC Math 1	-0.32	0.2046	11	-0.05	0.1026	36	-0.38	0.0114	1994	-0.30	0.0248	514	-0.39	0.0373	233	-0.39	0.0121	2094
NC Math 3	-0.01	0.2264	11	0.40	0.0765	45	-0.15	0.0128	1734	-0.05	0.0316	379	-0.11	0.0417	166	-0.08	0.0133	1867
ACT Composite	.	.	.	0.10	0.0677	49	-0.20	0.0119	1403	-0.07	0.0245	337	-0.09	0.0420	129	-0.07	0.0110	1812
ACT English	.	.	.	0.21	0.0832	49	-0.18	0.0130	1406	-0.09	0.0282	337	-0.11	0.0484	129	-0.06	0.0133	1812
ACT Math	.	.	.	0.06	0.0768	49	-0.20	0.0134	1406	-0.10	0.0265	338	-0.05	0.0468	129	-0.10	0.0124	1812
ACT Reading	.	.	.	0.08	0.0835	49	-0.21	0.0145	1405	-0.04	0.0280	337	-0.11	0.0485	129	-0.05	0.0140	1812
ACT Science	.	.	.	0.03	0.0764	49	-0.11	0.0155	1404	-0.05	0.0330	338	-0.03	0.0502	129	-0.05	0.0134	1812

**Effect Size by Subject Grade - Race/Ethnicity Split by SBE Region - Northwest - 2021**

	Race/Ethnicity Split by SBE Region																	
	American Indian/Alaskan Native			Asian/Pacific Islander			Black (not Hispanic)			Hispanic			Two or More			White (not Hispanic)		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.20	0.0517	141	-0.08	0.0089	3438	-0.26	0.0077	5176	-0.15	0.0042	16826	-0.24	0.0076	5532	-0.20	0.0020	75820
Reading Grade 3	.	.	.	-0.10	0.0456	176	-0.19	0.0397	281	-0.00	0.0225	826	-0.16	0.0391	320	-0.03	0.0112	3570
Reading Grade 4	.	.	.	-0.19	0.0476	168	-0.49	0.0412	238	-0.19	0.0224	830	-0.32	0.0357	287	-0.19	0.0108	3571
Reading Grade 5	.	.	.	-0.10	0.0308	182	-0.22	0.0339	255	-0.09	0.0174	857	-0.16	0.0315	288	-0.09	0.0086	3687
Reading Grade 6	-0.24	0.1373	15	-0.04	0.0378	161	-0.09	0.0308	275	-0.06	0.0156	909	-0.14	0.0287	305	-0.18	0.0080	3873
Reading Grade 7	.	.	.	-0.02	0.0294	187	-0.16	0.0297	301	-0.07	0.0154	983	-0.22	0.0269	336	-0.22	0.0074	4177
Reading Grade 8	.	.	.	0.01	0.0295	188	-0.13	0.0287	274	-0.04	0.0140	977	-0.14	0.0261	322	-0.18	0.0071	4193
English II	.	.	.	0.17	0.0288	188	0.03	0.0248	305	0.13	0.0151	914	0.05	0.0288	252	0.02	0.0071	4166
Science Grade 5	.	.	.	-0.30	0.0450	181	-0.56	0.0382	255	-0.33	0.0213	858	-0.33	0.0385	289	-0.24	0.0103	3691
Science Grade 8	.	.	.	0.02	0.0336	189	-0.30	0.0316	276	-0.12	0.0159	979	-0.22	0.0265	329	-0.15	0.0079	4219
Biology	.	.	.	-0.12	0.0331	185	-0.34	0.0297	278	-0.28	0.0172	797	-0.33	0.0310	247	-0.28	0.0077	3914
Math Grade 5	.	.	.	-0.29	0.0458	181	-0.55	0.0349	254	-0.31	0.0207	857	-0.38	0.0385	289	-0.36	0.0099	3688
Math Grade 6	-0.27	0.1566	15	-0.30	0.0432	161	-0.40	0.0306	276	-0.30	0.0172	909	-0.37	0.0309	306	-0.35	0.0087	3874
Math Grade 7	.	.	.	-0.12	0.0377	187	-0.34	0.0292	302	-0.23	0.0173	983	-0.43	0.0274	338	-0.34	0.0076	4170
Math Grade 8	.	.	.	-0.10	0.0542	156	-0.44	0.0367	259	-0.26	0.0209	884	-0.47	0.0387	296	-0.39	0.0108	3431
NC Math 1	.	.	.	-0.01	0.0403	188	-0.32	0.0293	294	-0.23	0.0164	1025	-0.35	0.0327	288	-0.26	0.0078	4412
NC Math 3	.	.	.	0.06	0.0460	154	-0.11	0.0345	236	-0.04	0.0209	700	-0.06	0.0375	221	-0.06	0.0095	3547
ACT Composite	.	.	.	-0.00	0.0314	152	-0.15	0.0308	210	-0.10	0.0154	647	-0.11	0.0293	208	-0.14	0.0078	3433
ACT English	.	.	.	0.01	0.0369	152	-0.10	0.0345	211	-0.11	0.0184	648	-0.08	0.0368	208	-0.11	0.0092	3441
ACT Math	.	.	.	-0.17	0.0412	152	-0.12	0.0338	211	-0.15	0.0169	647	-0.19	0.0338	208	-0.17	0.0086	3437
ACT Reading	.	.	.	0.07	0.0417	152	-0.23	0.0369	211	-0.08	0.0205	648	-0.09	0.0389	208	-0.12	0.0100	3437
ACT Science	.	.	.	0.04	0.0403	152	-0.13	0.0398	210	-0.05	0.0202	648	-0.06	0.0385	208	-0.13	0.0097	3436

**Effect Size by Subject Grade - Race/Ethnicity Split by SBE Region - Piedmont Triad - 2021**

	Race/Ethnicity Split by SBE Region																	
	American Indian/Alaskan Native			Asian/Pacific Islander			Black (not Hispanic)			Hispanic			Two or More			White (not Hispanic)		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.26	0.0207	743	-0.10	0.0060	9836	-0.32	0.0021	75159	-0.26	0.0022	65273	-0.30	0.0049	14371	-0.24	0.0015	145494
Reading Grade 3	-0.37	0.1061	29	0.06	0.0289	545	-0.25	0.0112	4020	-0.08	0.0117	3183	-0.17	0.0242	788	-0.07	0.0085	6664
Reading Grade 4	-0.34	0.1377	27	-0.06	0.0290	488	-0.44	0.0104	4026	-0.28	0.0112	3273	-0.30	0.0242	801	-0.21	0.0081	6891
Reading Grade 5	-0.19	0.0928	31	-0.01	0.0221	555	-0.21	0.0082	4147	-0.15	0.0087	3557	-0.18	0.0196	814	-0.15	0.0061	7400
Reading Grade 6	-0.25	0.1021	37	-0.07	0.0216	523	-0.17	0.0075	4278	-0.14	0.0082	3547	-0.23	0.0180	807	-0.27	0.0059	7527
Reading Grade 7	-0.23	0.0625	50	-0.04	0.0204	547	-0.17	0.0073	4375	-0.15	0.0078	3815	-0.25	0.0180	795	-0.30	0.0055	7883
Reading Grade 8	-0.16	0.0723	43	-0.04	0.0196	531	-0.15	0.0075	4160	-0.14	0.0075	3834	-0.25	0.0168	766	-0.27	0.0054	7675
English II	-0.03	0.0773	34	0.12	0.0178	502	0.06	0.0073	3948	0.11	0.0077	3383	0.03	0.0179	672	0.00	0.0052	8009
Science Grade 5	-0.42	0.1109	31	-0.27	0.0264	558	-0.64	0.0094	4129	-0.47	0.0106	3551	-0.44	0.0231	813	-0.27	0.0074	7385
Science Grade 8	-0.20	0.0850	43	-0.14	0.0226	524	-0.35	0.0077	4155	-0.26	0.0080	3836	-0.30	0.0189	768	-0.25	0.0062	7707
Biology	-0.28	0.0995	32	-0.21	0.0241	541	-0.33	0.0078	3892	-0.31	0.0092	3265	-0.33	0.0193	653	-0.31	0.0057	7739
Math Grade 5	-0.52	0.1297	31	-0.16	0.0265	557	-0.61	0.0090	4146	-0.48	0.0099	3562	-0.54	0.0216	812	-0.35	0.0072	7391
Math Grade 6	-0.58	0.0827	37	-0.27	0.0266	523	-0.55	0.0082	4271	-0.51	0.0092	3541	-0.51	0.0187	805	-0.48	0.0063	7521
Math Grade 7	-0.35	0.0807	50	-0.24	0.0240	550	-0.44	0.0078	4375	-0.42	0.0084	3813	-0.50	0.0191	793	-0.42	0.0059	7868
Math Grade 8	-0.57	0.1089	31	-0.43	0.0471	183	-0.55	0.0103	3195	-0.52	0.0110	2934	-0.62	0.0275	507	-0.61	0.0092	4473
NC Math 1	-0.48	0.0846	34	-0.38	0.0279	521	-0.43	0.0083	4068	-0.46	0.0091	3614	-0.47	0.0201	793	-0.46	0.0061	7903
NC Math 3	-0.32	0.0914	36	-0.14	0.0256	523	-0.26	0.0094	3362	-0.21	0.0103	2918	-0.27	0.0218	669	-0.19	0.0067	7590
ACT Composite	-0.10	0.0704	40	0.02	0.0258	437	-0.21	0.0087	2790	-0.17	0.0092	2509	-0.16	0.0192	596	-0.08	0.0057	7088
ACT English	-0.05	0.0876	40	0.06	0.0316	438	-0.17	0.0096	2798	-0.16	0.0100	2516	-0.13	0.0216	598	-0.06	0.0067	7096
ACT Math	-0.21	0.0806	41	-0.00	0.0304	438	-0.19	0.0093	2796	-0.20	0.0097	2516	-0.18	0.0214	598	-0.10	0.0063	7091
ACT Reading	-0.08	0.0658	41	0.01	0.0292	437	-0.23	0.0110	2794	-0.12	0.0113	2513	-0.14	0.0255	596	-0.07	0.0072	7092
ACT Science	-0.03	0.0930	41	-0.00	0.0286	438	-0.17	0.0113	2796	-0.13	0.0118	2511	-0.14	0.0237	596	-0.07	0.0070	7091

**Effect Size by Subject Grade - Race/Ethnicity Split by SBE Region - Sandhills - 2021**

	Race/Ethnicity Split by SBE Region																	
	American Indian/Alaskan Native			Asian/Pacific Islander			Black (not Hispanic)			Hispanic			Two or More			White (not Hispanic)		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.37	0.0047	15584	-0.15	0.0127	2007	-0.37	0.0025	54291	-0.29	0.0034	28628	-0.33	0.0057	10367	-0.28	0.0026	50241
Reading Grade 3	-0.20	0.0229	803	-0.02	0.0683	102	-0.37	0.0130	2660	-0.11	0.0171	1422	-0.20	0.0286	584	-0.11	0.0138	2422
Reading Grade 4	-0.39	0.0218	800	-0.14	0.0647	98	-0.53	0.0124	2866	-0.27	0.0169	1484	-0.32	0.0276	625	-0.25	0.0140	2451
Reading Grade 5	-0.30	0.0177	827	-0.14	0.0526	109	-0.27	0.0098	2929	-0.21	0.0131	1624	-0.24	0.0224	584	-0.18	0.0111	2540
Reading Grade 6	-0.20	0.0169	909	-0.08	0.0415	111	-0.18	0.0096	2964	-0.17	0.0120	1588	-0.22	0.0211	558	-0.26	0.0099	2514
Reading Grade 7	-0.26	0.0173	845	0.00	0.0434	106	-0.21	0.0083	3245	-0.15	0.0114	1698	-0.23	0.0194	622	-0.30	0.0094	2725
Reading Grade 8	-0.18	0.0159	916	-0.11	0.0419	106	-0.17	0.0086	3019	-0.12	0.0119	1617	-0.22	0.0187	557	-0.24	0.0093	2715
English II	0.00	0.0162	814	0.07	0.0454	109	0.02	0.0089	2779	0.08	0.0115	1465	0.01	0.0212	546	-0.01	0.0090	2773
Science Grade 5	-0.69	0.0240	825	-0.43	0.0671	109	-0.76	0.0111	2902	-0.56	0.0158	1625	-0.55	0.0262	582	-0.38	0.0132	2533
Science Grade 8	-0.39	0.0180	922	-0.04	0.0513	105	-0.41	0.0095	3053	-0.27	0.0135	1629	-0.32	0.0221	563	-0.27	0.0107	2755
Biology	-0.41	0.0173	752	-0.17	0.0568	98	-0.39	0.0098	2585	-0.31	0.0151	1241	-0.39	0.0219	513	-0.30	0.0103	2533
Math Grade 5	-0.80	0.0203	827	-0.44	0.0626	108	-0.76	0.0105	2913	-0.60	0.0151	1629	-0.69	0.0243	580	-0.50	0.0130	2542
Math Grade 6	-0.61	0.0182	911	-0.26	0.0531	110	-0.59	0.0098	2969	-0.55	0.0134	1589	-0.57	0.0225	563	-0.50	0.0111	2508
Math Grade 7	-0.51	0.0177	845	-0.22	0.0575	106	-0.48	0.0091	3245	-0.45	0.0124	1701	-0.53	0.0217	623	-0.50	0.0101	2717
Math Grade 8	-0.63	0.0228	800	-0.52	0.0812	54	-0.59	0.0117	2489	-0.55	0.0182	1231	-0.68	0.0298	418	-0.61	0.0148	1887
NC Math 1	-0.49	0.0165	886	-0.21	0.0518	111	-0.45	0.0089	3159	-0.44	0.0127	1608	-0.46	0.0212	573	-0.47	0.0106	2727
NC Math 3	-0.22	0.0204	730	0.01	0.0720	93	-0.17	0.0111	2668	-0.15	0.0161	1386	-0.20	0.0272	479	-0.16	0.0124	2634
ACT Composite	-0.26	0.0193	580	-0.07	0.0427	93	-0.23	0.0102	2100	-0.21	0.0134	1092	-0.14	0.0234	374	-0.17	0.0097	2378
ACT English	-0.26	0.0206	581	-0.01	0.0564	93	-0.22	0.0112	2104	-0.23	0.0154	1095	-0.12	0.0264	376	-0.14	0.0112	2382
ACT Math	-0.27	0.0207	581	-0.21	0.0555	93	-0.24	0.0112	2105	-0.26	0.0145	1097	-0.22	0.0241	376	-0.23	0.0104	2380
ACT Reading	-0.22	0.0232	580	-0.04	0.0507	93	-0.23	0.0126	2103	-0.15	0.0167	1097	-0.08	0.0307	376	-0.13	0.0125	2380
ACT Science	-0.19	0.0238	580	-0.05	0.0576	93	-0.17	0.0130	2102	-0.17	0.0170	1096	-0.10	0.0300	374	-0.13	0.0118	2379



**Effect Size by Subject Grade - Race/Ethnicity Split by SBE Region - Southeast - 2021**

	Race/Ethnicity Split by SBE Region																	
	American Indian/Alaskan Native			Asian/Pacific Islander			Black (not Hispanic)			Hispanic			Two or More			White (not Hispanic)		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.18	0.0241	573	-0.05	0.0118	2411	-0.29	0.0028	39615	-0.21	0.0032	31350	-0.24	0.0057	10003	-0.19	0.0019	90384
Reading Grade 3	-0.04	0.2022	18	0.12	0.0557	124	-0.30	0.0153	1917	-0.12	0.0160	1618	-0.14	0.0305	531	-0.02	0.0104	4119
Reading Grade 4	-0.38	0.1526	28	-0.10	0.0553	135	-0.46	0.0139	2041	-0.24	0.0167	1604	-0.22	0.0286	528	-0.13	0.0099	4412
Reading Grade 5	-0.11	0.0737	38	-0.02	0.0458	134	-0.23	0.0109	2112	-0.14	0.0120	1770	-0.13	0.0228	535	-0.11	0.0078	4658
Reading Grade 6	-0.08	0.0800	38	-0.01	0.0496	120	-0.16	0.0110	2171	-0.13	0.0119	1666	-0.16	0.0223	539	-0.24	0.0074	4610
Reading Grade 7	-0.19	0.0914	28	-0.06	0.0402	125	-0.12	0.0100	2318	-0.07	0.0110	1795	-0.20	0.0195	577	-0.25	0.0068	4983
Reading Grade 8	-0.21	0.1031	31	0.03	0.0376	138	-0.11	0.0101	2194	-0.07	0.0110	1846	-0.16	0.0193	588	-0.21	0.0068	5008
English II	0.08	0.0998	16	0.14	0.0371	153	0.06	0.0099	2105	0.11	0.0111	1580	0.06	0.0226	459	0.05	0.0063	4981
Science Grade 5	-0.32	0.1104	38	-0.21	0.0550	134	-0.67	0.0135	2101	-0.42	0.0152	1775	-0.33	0.0278	533	-0.21	0.0095	4666
Science Grade 8	-0.17	0.1062	30	0.00	0.0456	136	-0.32	0.0106	2216	-0.20	0.0120	1869	-0.19	0.0223	599	-0.18	0.0075	5073
Biology	-0.10	0.1213	20	-0.17	0.0478	121	-0.37	0.0112	1913	-0.26	0.0130	1442	-0.27	0.0244	468	-0.24	0.0077	4610
Math Grade 5	-0.35	0.1009	38	-0.27	0.0525	133	-0.61	0.0122	2100	-0.39	0.0140	1769	-0.44	0.0276	534	-0.35	0.0090	4641
Math Grade 6	-0.45	0.0692	38	-0.21	0.0466	120	-0.48	0.0115	2170	-0.43	0.0129	1669	-0.46	0.0229	541	-0.43	0.0079	4601
Math Grade 7	-0.23	0.0947	28	-0.24	0.0499	125	-0.37	0.0106	2317	-0.33	0.0122	1793	-0.41	0.0232	575	-0.37	0.0074	4980
Math Grade 8	-0.51	0.1324	28	-0.29	0.0889	81	-0.47	0.0137	2019	-0.43	0.0164	1567	-0.43	0.0295	478	-0.48	0.0111	3599
NC Math 1	-0.39	0.0877	21	-0.12	0.0553	132	-0.32	0.0101	2391	-0.36	0.0127	1791	-0.36	0.0222	562	-0.33	0.0078	5046
NC Math 3	0.03	0.1396	28	0.05	0.0474	125	-0.17	0.0133	1608	-0.11	0.0168	1208	-0.16	0.0295	403	-0.09	0.0092	4232
ACT Composite	0.03	0.0814	27	0.08	0.0507	100	-0.15	0.0116	1503	-0.12	0.0126	1159	-0.16	0.0229	390	-0.07	0.0075	4076
ACT English	-0.01	0.0888	27	0.07	0.0577	100	-0.15	0.0130	1509	-0.13	0.0147	1160	-0.11	0.0266	392	-0.03	0.0089	4081
ACT Math	0.07	0.0996	27	0.03	0.0618	100	-0.16	0.0128	1506	-0.14	0.0138	1159	-0.18	0.0248	392	-0.11	0.0084	4079
ACT Reading	0.02	0.0936	27	0.14	0.0542	100	-0.16	0.0143	1505	-0.08	0.0160	1159	-0.18	0.0304	392	-0.06	0.0093	4080
ACT Science	0.01	0.1065	27	0.04	0.0571	100	-0.10	0.0150	1507	-0.09	0.0165	1159	-0.12	0.0293	390	-0.05	0.0091	4081

**Effect Size by Subject Grade - Race/Ethnicity Split by SBE Region - Southwest - 2021**

	Race/Ethnicity Split by SBE Region																	
	American Indian/Alaskan Native			Asian/Pacific Islander			Black (not Hispanic)			Hispanic			Two or More			White (not Hispanic)		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.19	0.0199	854	0.00	0.0040	21788	-0.31	0.0017	115879	-0.24	0.0020	88501	-0.23	0.0042	19464	-0.15	0.0012	212893
Reading Grade 3	-0.08	0.0862	46	0.01	0.0190	1240	-0.34	0.0093	5634	-0.13	0.0098	4660	-0.18	0.0215	1104	-0.06	0.0069	9542
Reading Grade 4	-0.30	0.0846	49	-0.01	0.0188	1251	-0.47	0.0087	5747	-0.24	0.0100	4704	-0.28	0.0205	1086	-0.14	0.0066	9863
Reading Grade 5	-0.15	0.0713	43	-0.03	0.0138	1291	-0.24	0.0067	6082	-0.14	0.0073	4955	-0.14	0.0155	1137	-0.09	0.0051	10485
Reading Grade 6	-0.14	0.0674	51	-0.04	0.0131	1241	-0.15	0.0061	6397	-0.12	0.0069	5164	-0.22	0.0160	1014	-0.21	0.0047	10737
Reading Grade 7	-0.26	0.0781	46	-0.09	0.0130	1244	-0.17	0.0058	6786	-0.12	0.0067	5188	-0.21	0.0142	1131	-0.26	0.0046	11329
Reading Grade 8	-0.25	0.0759	38	-0.08	0.0126	1165	-0.14	0.0058	6535	-0.10	0.0066	4991	-0.17	0.0151	1051	-0.23	0.0044	11295
English II	0.17	0.0619	50	0.17	0.0120	1113	0.10	0.0054	6742	0.15	0.0064	4864	0.07	0.0148	932	0.07	0.0040	12445
Science Grade 5	-0.31	0.0932	42	-0.24	0.0173	1292	-0.68	0.0081	6062	-0.50	0.0092	4946	-0.45	0.0193	1143	-0.24	0.0062	10476
Science Grade 8	-0.18	0.0841	38	-0.11	0.0149	1171	-0.35	0.0063	6559	-0.27	0.0075	4993	-0.25	0.0169	1068	-0.21	0.0050	11329
Biology	-0.18	0.0727	49	-0.09	0.0157	1161	-0.33	0.0062	6539	-0.28	0.0076	4664	-0.27	0.0170	917	-0.24	0.0045	11873
Math Grade 5	-0.27	0.0842	42	-0.05	0.0172	1291	-0.61	0.0075	6074	-0.44	0.0088	4950	-0.43	0.0185	1142	-0.22	0.0061	10493
Math Grade 6	-0.52	0.0891	50	-0.07	0.0173	1239	-0.52	0.0070	6377	-0.49	0.0079	5159	-0.41	0.0170	1012	-0.28	0.0054	10716
Math Grade 7	-0.27	0.0841	46	-0.02	0.0168	1245	-0.41	0.0064	6784	-0.39	0.0077	5186	-0.34	0.0163	1129	-0.28	0.0051	11300
Math Grade 8	-0.52	0.1410	22	-0.28	0.0387	335	-0.54	0.0085	5242	-0.52	0.0105	3726	-0.51	0.0225	769	-0.45	0.0081	6528
NC Math 1	-0.35	0.0836	47	-0.01	0.0180	1256	-0.38	0.0064	7052	-0.39	0.0078	5265	-0.32	0.0172	1050	-0.27	0.0050	11991
NC Math 3	0.03	0.0687	45	0.23	0.0159	1205	-0.09	0.0074	5886	-0.07	0.0092	4082	-0.02	0.0203	872	0.02	0.0053	12014
ACT Composite	-0.08	0.0932	39	0.24	0.0195	850	-0.19	0.0074	4230	-0.12	0.0084	3012	-0.06	0.0189	755	0.00	0.0049	10492
ACT English	-0.11	0.1169	39	0.33	0.0234	851	-0.16	0.0087	4262	-0.13	0.0098	3022	-0.04	0.0213	757	0.03	0.0058	10502
ACT Math	-0.08	0.1008	39	0.29	0.0252	850	-0.23	0.0082	4257	-0.18	0.0095	3019	-0.06	0.0211	756	-0.01	0.0058	10498
ACT Reading	-0.08	0.0946	39	0.15	0.0199	851	-0.17	0.0091	4259	-0.06	0.0104	3017	-0.04	0.0226	756	-0.00	0.0058	10499
ACT Science	-0.05	0.0982	39	0.12	0.0221	851	-0.16	0.0094	4259	-0.10	0.0104	3016	-0.06	0.0223	755	-0.01	0.0059	10500

**Effect Size by Subject Grade - Race/Ethnicity Split by SBE Region - Western - 2021**

	Race/Ethnicity Split by SBE Region																	
	American Indian/Alaskan Native			Asian/Pacific Islander			Black (not Hispanic)			Hispanic			Two or More			White (not Hispanic)		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.25	0.0149	1403	-0.12	0.0153	1403	-0.29	0.0078	5473	-0.20	0.0043	16334	-0.28	0.0082	5015	-0.22	0.0020	77791
Reading Grade 3	-0.10	0.0780	62	-0.07	0.0756	62	-0.32	0.0440	253	-0.09	0.0259	734	-0.19	0.0427	248	0.01	0.0111	3606
Reading Grade 4	-0.20	0.0829	68	-0.04	0.0918	60	-0.46	0.0408	268	-0.22	0.0229	809	-0.27	0.0447	254	-0.15	0.0109	3564
Reading Grade 5	-0.23	0.0533	71	-0.12	0.0521	70	-0.21	0.0294	305	-0.15	0.0176	865	-0.19	0.0340	251	-0.14	0.0083	3928
Reading Grade 6	-0.16	0.0639	70	-0.09	0.0680	58	-0.15	0.0276	334	-0.12	0.0169	893	-0.19	0.0327	263	-0.23	0.0080	3865
Reading Grade 7	-0.20	0.0534	69	-0.01	0.0471	79	-0.20	0.0259	344	-0.09	0.0145	988	-0.24	0.0287	281	-0.26	0.0072	4313
Reading Grade 8	-0.15	0.0491	88	-0.13	0.0459	82	-0.19	0.0289	279	-0.07	0.0146	924	-0.24	0.0322	247	-0.23	0.0072	4152
English II	0.10	0.0414	74	0.22	0.0475	72	0.09	0.0273	297	0.17	0.0145	882	0.06	0.0298	272	0.04	0.0072	4256
Science Grade 5	-0.54	0.0604	72	-0.43	0.0821	70	-0.67	0.0338	305	-0.47	0.0210	859	-0.47	0.0403	248	-0.34	0.0099	3915
Science Grade 8	-0.09	0.0543	90	-0.18	0.0542	80	-0.36	0.0290	284	-0.15	0.0161	929	-0.30	0.0327	249	-0.20	0.0078	4210
Biology	-0.31	0.0471	71	-0.15	0.0580	79	-0.37	0.0294	261	-0.24	0.0181	829	-0.37	0.0308	271	-0.29	0.0077	4086
Math Grade 5	-0.67	0.0608	71	-0.45	0.0695	70	-0.59	0.0317	307	-0.51	0.0192	863	-0.57	0.0375	251	-0.45	0.0096	3924
Math Grade 6	-0.52	0.0632	68	-0.37	0.0917	55	-0.48	0.0297	333	-0.44	0.0182	892	-0.52	0.0336	266	-0.47	0.0086	3868
Math Grade 7	-0.47	0.0671	69	-0.16	0.0594	77	-0.40	0.0273	347	-0.31	0.0161	989	-0.43	0.0293	283	-0.43	0.0079	4318
Math Grade 8	-0.47	0.0639	81	-0.26	0.0895	46	-0.44	0.0373	250	-0.36	0.0215	792	-0.60	0.0447	196	-0.51	0.0117	2864
NC Math 1	-0.41	0.0583	71	-0.16	0.0505	88	-0.31	0.0301	299	-0.22	0.0180	863	-0.33	0.0348	270	-0.30	0.0080	4375
NC Math 3	-0.19	0.0706	51	0.34	0.0912	60	-0.10	0.0353	250	0.01	0.0219	727	-0.12	0.0393	237	-0.05	0.0097	3949
ACT Composite	-0.10	0.0638	61	-0.02	0.0654	71	-0.10	0.0338	201	-0.16	0.0169	644	-0.14	0.0302	233	-0.10	0.0078	3705
ACT English	-0.13	0.0884	62	0.06	0.0680	71	-0.08	0.0390	202	-0.17	0.0192	645	-0.10	0.0374	233	-0.06	0.0093	3713
ACT Math	-0.12	0.0723	62	-0.03	0.0721	71	-0.13	0.0373	201	-0.23	0.0191	644	-0.25	0.0325	233	-0.17	0.0086	3709
ACT Reading	-0.05	0.0653	62	-0.07	0.0729	71	-0.10	0.0405	202	-0.09	0.0215	645	-0.01	0.0368	233	-0.06	0.0097	3710
ACT Science	-0.03	0.0735	61	-0.01	0.0815	71	-0.07	0.0427	201	-0.09	0.0220	645	-0.18	0.0394	233	-0.09	0.0097	3710

**Effect Size by Subject Grade - Race/Ethnicity Split by SBE Region - North Central - 2018**

	Race/Ethnicity Split by SBE Region																	
	American Indian/Alaskan Native			Asian/Pacific Islander			Black (not Hispanic)			Hispanic			Two or More			White (not Hispanic)		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.01	0.0114	2103	0.16	0.0034	23349	-0.06	0.0014	139687	-0.01	0.0016	96721	0.00	0.0036	20745	0.04	0.0011	226658
Reading Grade 3	-0.06	0.0674	102	0.21	0.0154	1344	-0.25	0.0073	7404	-0.11	0.0080	5568	0.01	0.0201	970	0.08	0.0059	11314
Reading Grade 4	0.03	0.0449	125	0.01	0.0132	1338	-0.09	0.0058	7643	-0.05	0.0063	5933	-0.01	0.0155	1120	-0.00	0.0045	11996
Reading Grade 5	-0.01	0.0513	95	-0.02	0.0117	1347	-0.11	0.0056	7481	-0.04	0.0062	5765	-0.05	0.0141	1105	-0.03	0.0044	11826
Reading Grade 6	-0.17	0.0490	98	0.09	0.0118	1344	-0.03	0.0055	7530	0.02	0.0061	5708	-0.02	0.0143	1145	0.03	0.0042	12101
Reading Grade 7	0.11	0.0417	126	0.08	0.0126	1173	0.05	0.0056	6961	0.12	0.0064	5107	0.07	0.0144	1059	0.06	0.0043	11564
Reading Grade 8	0.06	0.0468	112	0.04	0.0125	1124	0.02	0.0059	6659	0.08	0.0070	4556	0.04	0.0145	1106	0.05	0.0045	11307
English II	0.04	0.0410	131	0.08	0.0118	1221	-0.02	0.0056	7504	0.05	0.0069	4708	-0.00	0.0139	1118	-0.01	0.0043	11904
Science Grade 5	-0.15	0.0686	93	-0.00	0.0148	1341	-0.13	0.0070	7401	-0.05	0.0078	5732	-0.07	0.0167	1089	-0.03	0.0051	11740
Science Grade 8	0.07	0.0459	113	0.15	0.0139	1125	-0.05	0.0064	6679	0.03	0.0076	4564	0.05	0.0152	1111	0.09	0.0047	11344
Biology	0.08	0.0516	129	0.12	0.0128	1262	-0.00	0.0063	7450	0.05	0.0080	4496	0.02	0.0155	1047	0.06	0.0045	11955
Math Grade 5	-0.04	0.0536	95	0.16	0.0119	1348	-0.09	0.0059	7468	0.02	0.0069	5754	-0.03	0.0154	1102	0.00	0.0046	11817
Math Grade 6	-0.10	0.0548	98	0.28	0.0122	1343	-0.08	0.0058	7515	-0.02	0.0067	5692	-0.02	0.0151	1146	0.03	0.0045	12094
Math Grade 7	-0.02	0.0425	126	0.09	0.0123	1172	-0.01	0.0056	6944	0.04	0.0066	5098	-0.01	0.0141	1056	0.02	0.0042	11557
Math Grade 8	0.00	0.0567	83	0.19	0.0355	252	-0.08	0.0072	5446	-0.04	0.0088	3643	-0.03	0.0210	651	-0.02	0.0075	5395
NC Math 1	-0.04	0.0433	137	0.21	0.0134	1251	-0.03	0.0056	7825	-0.03	0.0071	5201	-0.04	0.0137	1250	0.01	0.0043	12594
ACT Composite	-0.04	0.0444	88	0.35	0.0170	1071	-0.08	0.0054	6319	-0.07	0.0070	3831	0.03	0.0161	930	0.09	0.0046	11214
ACT English	-0.06	0.0577	88	0.40	0.0211	1074	-0.09	0.0064	6373	-0.10	0.0085	3842	0.03	0.0185	937	0.09	0.0055	11238
ACT Math	-0.03	0.0563	88	0.48	0.0209	1073	-0.06	0.0060	6371	-0.07	0.0080	3844	0.06	0.0189	937	0.10	0.0054	11235
ACT Reading	-0.00	0.0534	88	0.19	0.0184	1072	-0.03	0.0064	6369	-0.02	0.0084	3841	0.02	0.0187	936	0.05	0.0056	11232
ACT Science	-0.06	0.0541	88	0.24	0.0187	1074	-0.11	0.0070	6345	-0.06	0.0088	3838	0.02	0.0201	930	0.08	0.0056	11231

**Effect Size by Subject Grade - Race/Ethnicity Split by SBE Region - Northeast - 2018**

	Race/Ethnicity Split by SBE Region																	
	American Indian/Alaskan Native			Asian/Pacific Islander			Black (not Hispanic)			Hispanic			Two or More			White (not Hispanic)		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	0.00	0.0256	428	0.13	0.0160	971	-0.06	0.0025	42397	0.01	0.0055	8734	-0.02	0.0085	3775	0.01	0.0025	43161
Reading Grade 3	-0.18	0.1353	22	0.05	0.0802	55	-0.23	0.0132	2249	-0.11	0.0283	517	-0.06	0.0420	255	-0.00	0.0147	1967
Reading Grade 4	0.20	0.1330	24	0.01	0.0763	46	-0.07	0.0105	2351	-0.04	0.0212	567	-0.04	0.0314	238	-0.01	0.0107	2218
Reading Grade 5	0.04	0.1061	21	0.00	0.0648	58	-0.11	0.0103	2315	0.02	0.0204	529	-0.05	0.0335	225	-0.02	0.0104	2210
Reading Grade 6	-0.07	0.0934	23	0.14	0.0610	47	-0.07	0.0099	2218	-0.01	0.0190	539	0.01	0.0307	238	-0.01	0.0102	2200
Reading Grade 7	0.16	0.1099	26	0.13	0.0709	43	0.05	0.0100	2109	0.12	0.0230	482	0.08	0.0347	200	0.06	0.0105	2127
Reading Grade 8	0.12	0.1141	16	0.09	0.0644	56	0.04	0.0105	1975	0.05	0.0238	395	0.04	0.0364	170	-0.00	0.0107	2173
English II	-0.01	0.0891	26	0.04	0.0619	41	-0.07	0.0094	2315	0.04	0.0208	467	-0.05	0.0362	175	-0.01	0.0094	2401
Science Grade 5	-0.02	0.1178	21	0.25	0.0718	58	-0.11	0.0125	2301	0.02	0.0249	525	0.01	0.0373	222	0.07	0.0125	2188
Science Grade 8	0.10	0.1197	16	0.19	0.0695	56	-0.04	0.0118	1974	0.05	0.0273	394	0.03	0.0399	171	-0.03	0.0113	2182
Biology	0.24	0.1325	24	0.08	0.0929	43	0.02	0.0116	2197	0.14	0.0283	358	-0.01	0.0397	166	0.06	0.0103	2266
Math Grade 5	-0.04	0.1006	21	0.16	0.0605	58	-0.07	0.0109	2310	0.07	0.0217	529	-0.10	0.0361	225	-0.01	0.0107	2207
Math Grade 6	-0.05	0.1097	23	0.29	0.0769	47	-0.10	0.0106	2217	0.05	0.0211	539	-0.04	0.0313	238	0.01	0.0105	2198
Math Grade 7	-0.04	0.1046	26	0.20	0.0595	44	-0.02	0.0105	2099	0.09	0.0224	481	0.04	0.0341	201	0.08	0.0103	2125
Math Grade 8	.	.	.	0.53	0.0846	18	0.01	0.0134	1617	0.05	0.0338	286	-0.02	0.0471	128	0.01	0.0153	1300
NC Math 1	-0.07	0.0768	34	0.16	0.0603	56	-0.04	0.0100	2448	0.02	0.0233	476	-0.05	0.0331	201	-0.02	0.0102	2557
ACT Composite	-0.07	0.1128	20	0.13	0.0581	49	-0.08	0.0093	1937	-0.09	0.0209	330	-0.04	0.0400	144	0.00	0.0095	2166
ACT English	-0.13	0.1229	20	0.14	0.0714	49	-0.12	0.0106	1943	-0.11	0.0257	330	-0.04	0.0422	145	-0.01	0.0111	2170
ACT Math	-0.11	0.1046	20	0.13	0.0788	49	-0.06	0.0107	1943	-0.06	0.0248	330	-0.07	0.0422	145	0.04	0.0113	2170
ACT Reading	0.02	0.1336	20	0.13	0.0685	49	-0.02	0.0112	1941	-0.06	0.0290	330	-0.03	0.0459	144	-0.00	0.0120	2170
ACT Science	-0.07	0.1235	20	0.07	0.0793	49	-0.10	0.0121	1938	-0.11	0.0270	330	-0.04	0.0521	144	-0.00	0.0116	2166

**Effect Size by Subject Grade - Race/Ethnicity Split by SBE Region - Northwest - 2018**

	Race/Ethnicity Split by SBE Region																	
	American Indian/Alaskan Native			Asian/Pacific Islander			Black (not Hispanic)			Hispanic			Two or More			White (not Hispanic)		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	0.05	0.0459	164	0.12	0.0078	3747	-0.02	0.0066	5860	0.05	0.0039	16365	0.02	0.0071	5038	0.03	0.0017	85857
Reading Grade 3	-0.05	0.1773	16	0.08	0.0397	158	-0.14	0.0354	308	-0.04	0.0192	907	0.03	0.0336	292	0.08	0.0096	4103
Reading Grade 4	.	.	.	0.07	0.0314	196	-0.04	0.0284	329	-0.01	0.0158	955	-0.00	0.0266	349	0.03	0.0076	4370
Reading Grade 5	-0.08	0.2627	10	0.02	0.0344	180	-0.12	0.0276	301	0.01	0.0161	932	-0.01	0.0278	331	0.01	0.0073	4377
Reading Grade 6	.	.	.	0.12	0.0283	206	-0.02	0.0286	295	0.04	0.0137	999	-0.01	0.0294	270	0.02	0.0070	4461
Reading Grade 7	.	.	.	0.21	0.0344	179	0.12	0.0271	294	0.18	0.0154	861	0.10	0.0277	272	0.12	0.0070	4352
Reading Grade 8	.	.	.	0.16	0.0355	173	0.01	0.0286	260	0.09	0.0173	710	0.04	0.0309	246	0.04	0.0076	4068
English II	.	.	.	0.09	0.0284	193	-0.04	0.0260	313	0.03	0.0151	824	0.01	0.0323	239	-0.06	0.0070	4649
Science Grade 5	-0.01	0.1958	10	0.28	0.0447	178	-0.01	0.0355	299	0.06	0.0193	926	0.07	0.0322	329	0.09	0.0088	4345
Science Grade 8	.	.	.	0.23	0.0353	173	0.00	0.0316	262	0.11	0.0177	714	0.09	0.0296	248	0.12	0.0076	4079
Biology	0.12	0.1787	13	0.19	0.0298	213	-0.04	0.0276	321	0.02	0.0178	809	0.08	0.0340	200	0.02	0.0073	4586
Math Grade 5	0.14	0.2329	10	0.18	0.0375	180	-0.02	0.0279	301	0.12	0.0165	930	-0.07	0.0276	330	-0.00	0.0075	4372
Math Grade 6	.	.	.	0.28	0.0312	206	-0.02	0.0292	295	0.10	0.0149	998	-0.02	0.0290	269	0.03	0.0071	4458
Math Grade 7	.	.	.	0.22	0.0352	179	0.06	0.0268	295	0.16	0.0161	857	0.13	0.0278	270	0.09	0.0070	4345
Math Grade 8	.	.	.	0.30	0.0416	132	0.04	0.0319	246	0.12	0.0204	642	0.03	0.0322	207	0.10	0.0088	3328
NC Math 1	.	.	.	0.16	0.0337	206	-0.06	0.0273	308	0.06	0.0168	843	0.02	0.0282	281	0.04	0.0072	4619
ACT Composite	.	.	.	-0.02	0.0256	199	-0.02	0.0269	286	-0.03	0.0150	691	-0.02	0.0324	181	-0.02	0.0063	4267
ACT English	.	.	.	-0.09	0.0341	199	-0.07	0.0305	287	-0.10	0.0178	692	-0.06	0.0407	181	-0.01	0.0077	4271
ACT Math	.	.	.	0.02	0.0369	199	-0.03	0.0274	287	0.01	0.0176	692	0.01	0.0341	181	0.00	0.0074	4271
ACT Reading	.	.	.	0.00	0.0327	199	0.05	0.0326	287	0.03	0.0193	692	-0.07	0.0416	181	-0.02	0.0080	4269
ACT Science	.	.	.	-0.03	0.0313	199	-0.02	0.0321	286	-0.04	0.0203	691	0.04	0.0400	181	-0.02	0.0083	4267

**Effect Size by Subject Grade - Race/Ethnicity Split by SBE Region - Piedmont Triad - 2018**

	Race/Ethnicity Split by SBE Region																	
	American Indian/Alaskan Native			Asian/Pacific Islander			Black (not Hispanic)			Hispanic			Two or More			White (not Hispanic)		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	0.02	0.0160	1069	0.11	0.0051	10028	-0.04	0.0018	82467	0.00	0.0020	65836	-0.00	0.0043	14372	0.03	0.0012	170721
Reading Grade 3	0.13	0.0912	52	0.05	0.0263	525	-0.18	0.0094	4514	-0.06	0.0100	3591	-0.00	0.0225	770	0.09	0.0070	8191
Reading Grade 4	0.03	0.0773	57	-0.02	0.0198	559	-0.07	0.0076	4607	-0.05	0.0081	3804	-0.04	0.0182	825	0.02	0.0054	8817
Reading Grade 5	-0.05	0.0584	57	0.03	0.0196	537	-0.09	0.0074	4305	-0.03	0.0075	3952	-0.05	0.0178	764	-0.04	0.0052	8397
Reading Grade 6	0.09	0.0792	44	0.11	0.0183	568	-0.04	0.0071	4554	0.01	0.0076	3690	-0.02	0.0168	801	0.01	0.0051	8643
Reading Grade 7	0.05	0.0842	40	0.16	0.0191	514	0.06	0.0074	4221	0.11	0.0080	3436	0.05	0.0180	727	0.06	0.0051	8659
Reading Grade 8	0.05	0.0769	59	0.16	0.0210	472	0.06	0.0081	3750	0.09	0.0085	3161	0.09	0.0184	718	0.04	0.0053	8463
English II	-0.07	0.0638	59	0.10	0.0184	495	0.01	0.0072	4254	0.06	0.0082	3248	0.02	0.0176	731	-0.02	0.0050	9377
Science Grade 5	0.06	0.0816	57	0.10	0.0247	528	-0.06	0.0093	4265	-0.05	0.0095	3929	-0.01	0.0221	753	0.03	0.0062	8343
Science Grade 8	0.06	0.0671	58	0.17	0.0233	469	-0.05	0.0088	3760	0.04	0.0092	3165	0.03	0.0202	719	0.07	0.0056	8485
Biology	0.17	0.0598	62	0.21	0.0224	520	0.14	0.0085	4311	0.18	0.0100	3287	0.17	0.0198	757	0.15	0.0052	9466
Math Grade 5	0.02	0.0735	57	0.20	0.0200	536	-0.05	0.0077	4300	0.04	0.0079	3947	-0.00	0.0189	763	0.04	0.0054	8384
Math Grade 6	-0.03	0.0821	44	0.20	0.0208	568	-0.06	0.0074	4551	0.00	0.0083	3693	-0.06	0.0182	801	0.03	0.0053	8633
Math Grade 7	-0.03	0.0641	39	0.16	0.0208	514	0.02	0.0074	4215	0.04	0.0082	3430	-0.02	0.0180	727	0.03	0.0050	8655
Math Grade 8	0.06	0.0770	45	0.07	0.0403	191	-0.06	0.0096	3014	-0.01	0.0108	2443	-0.05	0.0228	502	-0.02	0.0075	5011
NC Math 1	-0.00	0.0604	84	0.14	0.0226	552	0.02	0.0077	4654	0.03	0.0085	3594	-0.02	0.0183	821	0.02	0.0051	9365
ACT Composite	-0.02	0.0535	51	0.07	0.0215	496	-0.09	0.0071	3831	-0.09	0.0079	2690	-0.03	0.0171	637	0.02	0.0048	8759
ACT English	-0.06	0.0666	51	0.08	0.0271	496	-0.09	0.0081	3843	-0.13	0.0094	2693	-0.06	0.0197	639	0.01	0.0057	8771
ACT Math	-0.07	0.0630	51	0.07	0.0258	496	-0.05	0.0077	3843	-0.10	0.0089	2696	-0.03	0.0200	639	0.03	0.0056	8769
ACT Reading	0.03	0.0667	51	0.07	0.0226	496	-0.03	0.0083	3840	-0.03	0.0097	2693	0.02	0.0209	639	0.01	0.0060	8767
ACT Science	-0.00	0.0744	51	0.03	0.0244	496	-0.15	0.0091	3835	-0.09	0.0101	2694	-0.06	0.0214	639	0.03	0.0061	8766

**Effect Size by Subject Grade - Race/Ethnicity Split by SBE Region - Sandhills - 2018**

	Race/Ethnicity Split by SBE Region																	
	American Indian/Alaskan Native			Asian/Pacific Islander			Black (not Hispanic)			Hispanic			Two or More			White (not Hispanic)		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.02	0.0041	16614	0.11	0.0109	2082	-0.04	0.0021	59820	0.03	0.0031	27147	0.00	0.0053	10312	0.03	0.0021	58994
Reading Grade 3	-0.06	0.0192	947	0.11	0.0594	123	-0.10	0.0111	3121	0.07	0.0155	1613	0.09	0.0277	553	0.17	0.0116	3000
Reading Grade 4	-0.01	0.0177	850	0.04	0.0413	106	-0.02	0.0094	3166	0.03	0.0120	1702	0.08	0.0211	644	0.06	0.0090	3156
Reading Grade 5	-0.10	0.0164	943	-0.02	0.0432	104	-0.08	0.0087	3105	0.02	0.0121	1671	-0.02	0.0210	542	-0.01	0.0089	3021
Reading Grade 6	-0.06	0.0162	906	0.04	0.0368	127	-0.08	0.0087	3174	0.00	0.0112	1613	-0.06	0.0206	570	-0.02	0.0088	3100
Reading Grade 7	0.04	0.0170	882	0.08	0.0489	96	0.03	0.0091	2847	0.09	0.0116	1497	0.04	0.0217	551	0.06	0.0089	2942
Reading Grade 8	-0.02	0.0183	762	0.11	0.0422	100	0.01	0.0091	2815	0.06	0.0129	1311	0.06	0.0228	485	0.03	0.0092	2837
English II	-0.01	0.0165	874	0.10	0.0369	122	-0.05	0.0081	3216	0.03	0.0125	1281	-0.00	0.0202	526	-0.02	0.0081	3195
Science Grade 5	0.21	0.0216	935	0.15	0.0529	103	0.04	0.0111	3066	0.12	0.0147	1651	0.14	0.0268	531	0.14	0.0103	2990
Science Grade 8	0.07	0.0190	766	0.28	0.0510	101	-0.00	0.0101	2839	0.19	0.0152	1318	0.13	0.0252	489	0.15	0.0097	2851
Biology	0.18	0.0213	802	0.20	0.0466	118	0.05	0.0098	3251	0.14	0.0160	1153	0.09	0.0238	512	0.08	0.0093	3014
Math Grade 5	-0.12	0.0174	942	0.17	0.0449	104	-0.05	0.0094	3096	0.06	0.0130	1669	-0.04	0.0226	539	0.00	0.0094	3016
Math Grade 6	0.05	0.0166	906	0.17	0.0366	127	-0.10	0.0088	3166	0.00	0.0122	1612	-0.04	0.0211	571	0.02	0.0088	3102
Math Grade 7	0.01	0.0168	877	0.14	0.0469	96	-0.02	0.0089	2841	0.05	0.0124	1492	-0.02	0.0204	552	0.04	0.0089	2938
Math Grade 8	-0.09	0.0216	617	0.28	0.0655	56	-0.05	0.0110	2357	0.07	0.0177	1073	0.01	0.0289	352	0.04	0.0116	2075
NC Math 1	0.01	0.0178	995	0.26	0.0499	119	0.06	0.0100	3330	0.11	0.0153	1395	0.07	0.0224	554	0.11	0.0101	3020
ACT Composite	-0.11	0.0152	722	0.03	0.0439	96	-0.11	0.0079	2876	-0.11	0.0122	1018	-0.12	0.0206	467	-0.05	0.0079	2945
ACT English	-0.13	0.0168	722	0.02	0.0535	96	-0.12	0.0092	2891	-0.14	0.0143	1018	-0.11	0.0247	469	-0.05	0.0094	2949
ACT Math	-0.12	0.0165	722	0.00	0.0572	96	-0.09	0.0091	2891	-0.14	0.0140	1020	-0.12	0.0222	469	-0.04	0.0093	2949
ACT Reading	-0.07	0.0189	722	0.01	0.0512	96	-0.08	0.0095	2889	-0.05	0.0156	1020	-0.08	0.0253	469	-0.04	0.0099	2946
ACT Science	-0.08	0.0207	722	0.07	0.0548	96	-0.14	0.0100	2883	-0.11	0.0160	1020	-0.14	0.0260	467	-0.06	0.0101	2948



**Effect Size by Subject Grade - Race/Ethnicity Split by SBE Region - Southeast - 2018**

	Race/Ethnicity Split by SBE Region																	
	American Indian/Alaskan Native			Asian/Pacific Islander			Black (not Hispanic)			Hispanic			Two or More			White (not Hispanic)		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	0.02	0.0199	706	0.09	0.0099	2595	-0.05	0.0024	44234	0.03	0.0030	29401	0.00	0.0054	9093	0.03	0.0016	100828
Reading Grade 3	-0.02	0.1292	42	0.07	0.0528	129	-0.18	0.0125	2389	-0.03	0.0145	1743	0.03	0.0272	514	0.12	0.0089	5288
Reading Grade 4	-0.06	0.0956	29	0.08	0.0408	157	-0.07	0.0101	2540	-0.02	0.0118	1782	-0.01	0.0199	600	0.02	0.0068	5476
Reading Grade 5	0.06	0.0862	36	-0.02	0.0419	134	-0.09	0.0103	2343	-0.03	0.0109	1851	-0.03	0.0205	565	-0.02	0.0067	5371
Reading Grade 6	0.04	0.0786	30	0.07	0.0415	138	-0.04	0.0097	2419	0.04	0.0107	1724	-0.03	0.0190	519	-0.00	0.0065	5336
Reading Grade 7	0.26	0.1207	22	0.19	0.0372	130	0.04	0.0099	2177	0.14	0.0116	1549	0.05	0.0219	449	0.08	0.0066	5189
Reading Grade 8	-0.09	0.0758	43	0.06	0.0383	116	0.04	0.0107	1949	0.08	0.0128	1330	0.05	0.0221	464	0.05	0.0071	4688
English II	-0.05	0.0722	42	0.07	0.0340	142	-0.07	0.0097	2340	0.03	0.0118	1414	-0.01	0.0226	438	-0.01	0.0065	5153
Science Grade 5	0.04	0.0813	36	0.06	0.0475	134	-0.07	0.0131	2317	0.03	0.0145	1836	0.04	0.0266	550	0.05	0.0080	5303
Science Grade 8	0.00	0.0837	42	0.10	0.0470	116	-0.02	0.0115	1956	0.09	0.0139	1338	0.05	0.0235	466	0.08	0.0073	4710
Biology	0.36	0.1000	39	0.24	0.0442	128	0.06	0.0113	2300	0.18	0.0145	1364	0.18	0.0276	400	0.20	0.0073	5085
Math Grade 5	0.05	0.0726	36	0.12	0.0411	134	-0.05	0.0105	2338	0.09	0.0123	1847	-0.04	0.0214	565	-0.01	0.0070	5374
Math Grade 6	0.08	0.0670	30	0.15	0.0420	138	-0.14	0.0101	2418	-0.02	0.0115	1725	-0.09	0.0215	516	-0.03	0.0067	5338
Math Grade 7	0.10	0.0874	22	0.15	0.0373	130	-0.03	0.0105	2175	0.08	0.0124	1547	0.04	0.0220	448	0.04	0.0066	5183
Math Grade 8	0.02	0.0816	38	0.06	0.0738	57	0.01	0.0129	1784	0.09	0.0158	1120	0.02	0.0264	385	0.10	0.0089	3432
NC Math 1	0.14	0.0952	39	0.10	0.0411	152	-0.03	0.0101	2515	0.04	0.0135	1494	0.11	0.0238	496	0.05	0.0069	5498
ACT Composite	-0.12	0.0685	36	0.04	0.0389	132	-0.08	0.0090	2048	-0.07	0.0115	1144	-0.07	0.0230	343	-0.02	0.0062	4874
ACT English	-0.01	0.0625	36	-0.00	0.0451	132	-0.10	0.0106	2058	-0.10	0.0141	1148	-0.08	0.0274	344	-0.01	0.0073	4890
ACT Math	-0.04	0.0855	36	0.08	0.0452	132	-0.04	0.0102	2061	-0.07	0.0135	1150	-0.03	0.0256	344	-0.00	0.0074	4887
ACT Reading	-0.16	0.0740	36	0.05	0.0516	132	-0.03	0.0108	2055	-0.04	0.0149	1148	-0.03	0.0293	344	-0.02	0.0079	4876
ACT Science	-0.16	0.0901	36	0.05	0.0497	132	-0.13	0.0120	2052	-0.06	0.0151	1147	-0.11	0.0299	343	-0.03	0.0079	4877

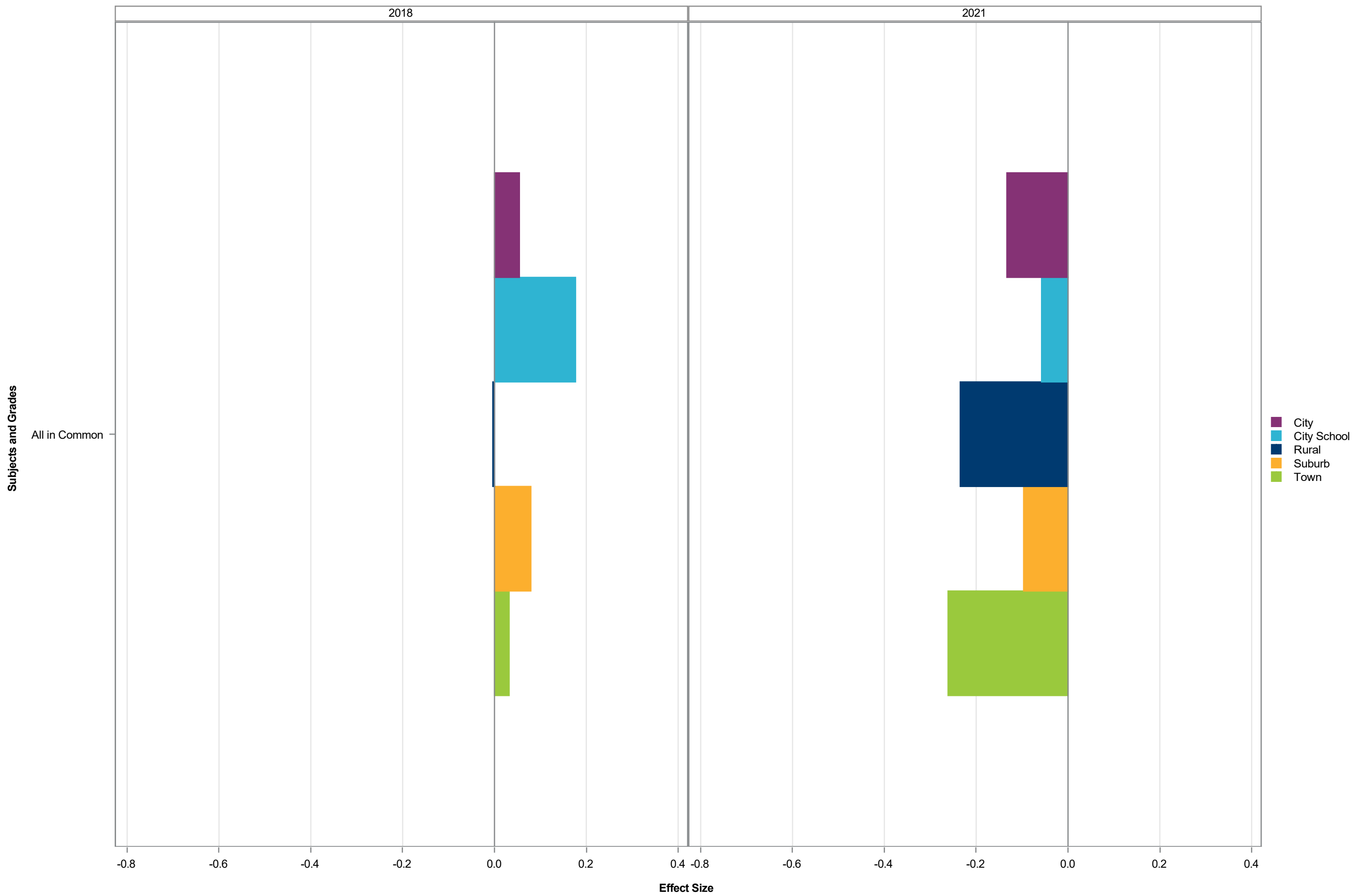
**Effect Size by Subject Grade - Race/Ethnicity Split by SBE Region - Southwest - 2018**

	Race/Ethnicity Split by SBE Region																	
	American Indian/Alaskan Native			Asian/Pacific Islander			Black (not Hispanic)			Hispanic			Two or More			White (not Hispanic)		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.02	0.0155	1120	0.13	0.0037	19053	-0.06	0.0015	130965	-0.01	0.0018	83537	-0.00	0.0040	17493	0.04	0.0010	243985
Reading Grade 3	-0.06	0.0796	73	0.21	0.0165	1291	-0.15	0.0073	7107	-0.01	0.0084	5178	0.05	0.0210	905	0.11	0.0057	11594
Reading Grade 4	-0.15	0.0583	72	0.02	0.0136	1193	-0.08	0.0060	7460	-0.04	0.0069	5098	-0.00	0.0165	1032	0.01	0.0046	12365
Reading Grade 5	0.01	0.0772	51	-0.01	0.0141	1113	-0.13	0.0058	7131	-0.04	0.0069	4906	-0.06	0.0160	1014	-0.03	0.0044	12206
Reading Grade 6	-0.03	0.0822	46	0.07	0.0124	1188	-0.08	0.0057	7125	-0.02	0.0067	5026	-0.02	0.0155	1002	0.01	0.0042	12690
Reading Grade 7	0.05	0.0558	60	0.08	0.0143	1006	0.02	0.0057	6938	0.08	0.0069	4486	0.06	0.0168	846	0.05	0.0042	12628
Reading Grade 8	0.06	0.0603	50	0.07	0.0145	917	0.01	0.0062	6346	0.06	0.0073	4025	0.02	0.0161	893	0.02	0.0043	12116
English II	0.10	0.0533	78	0.10	0.0137	899	-0.02	0.0057	6756	0.06	0.0076	3980	0.01	0.0160	881	0.01	0.0040	13016
Science Grade 5	0.06	0.0728	48	0.15	0.0170	1104	-0.03	0.0071	7020	0.05	0.0086	4868	0.01	0.0191	998	0.02	0.0052	12093
Science Grade 8	0.01	0.0723	51	0.13	0.0164	918	-0.03	0.0067	6360	0.01	0.0087	4028	0.01	0.0173	892	0.03	0.0046	12159
Biology	0.13	0.0722	66	0.20	0.0157	983	0.08	0.0064	6832	0.11	0.0085	3928	0.13	0.0185	848	0.13	0.0044	12736
Math Grade 5	0.05	0.0644	50	0.20	0.0140	1112	-0.03	0.0061	7118	0.07	0.0073	4897	-0.01	0.0176	1010	0.06	0.0045	12195
Math Grade 6	0.12	0.0698	46	0.28	0.0131	1189	-0.04	0.0060	7113	0.02	0.0073	5017	0.00	0.0159	996	0.09	0.0044	12683
Math Grade 7	0.12	0.0523	60	0.22	0.0139	1005	0.05	0.0057	6919	0.07	0.0074	4479	0.05	0.0161	843	0.09	0.0040	12632
Math Grade 8	0.04	0.0796	28	0.26	0.0283	341	0.01	0.0076	5383	0.04	0.0101	3171	0.04	0.0221	635	0.11	0.0061	7519
NC Math 1	-0.04	0.0639	81	0.26	0.0150	1046	-0.02	0.0060	7160	0.03	0.0078	4502	0.03	0.0162	983	0.09	0.0043	13535
ACT Composite	-0.16	0.0554	52	0.08	0.0190	749	-0.19	0.0063	5582	-0.18	0.0079	3177	-0.09	0.0171	739	-0.00	0.0042	12349
ACT English	-0.16	0.0687	52	0.09	0.0236	750	-0.22	0.0072	5673	-0.22	0.0090	3198	-0.10	0.0200	744	-0.00	0.0050	12376
ACT Math	-0.18	0.0707	52	0.19	0.0235	750	-0.14	0.0071	5654	-0.14	0.0089	3188	-0.01	0.0195	745	0.06	0.0050	12371
ACT Reading	-0.05	0.0784	52	0.04	0.0202	749	-0.13	0.0074	5646	-0.13	0.0096	3193	-0.08	0.0205	745	-0.03	0.0051	12365
ACT Science	-0.23	0.0705	52	0.02	0.0212	750	-0.24	0.0082	5642	-0.18	0.0102	3192	-0.14	0.0224	742	-0.02	0.0053	12357

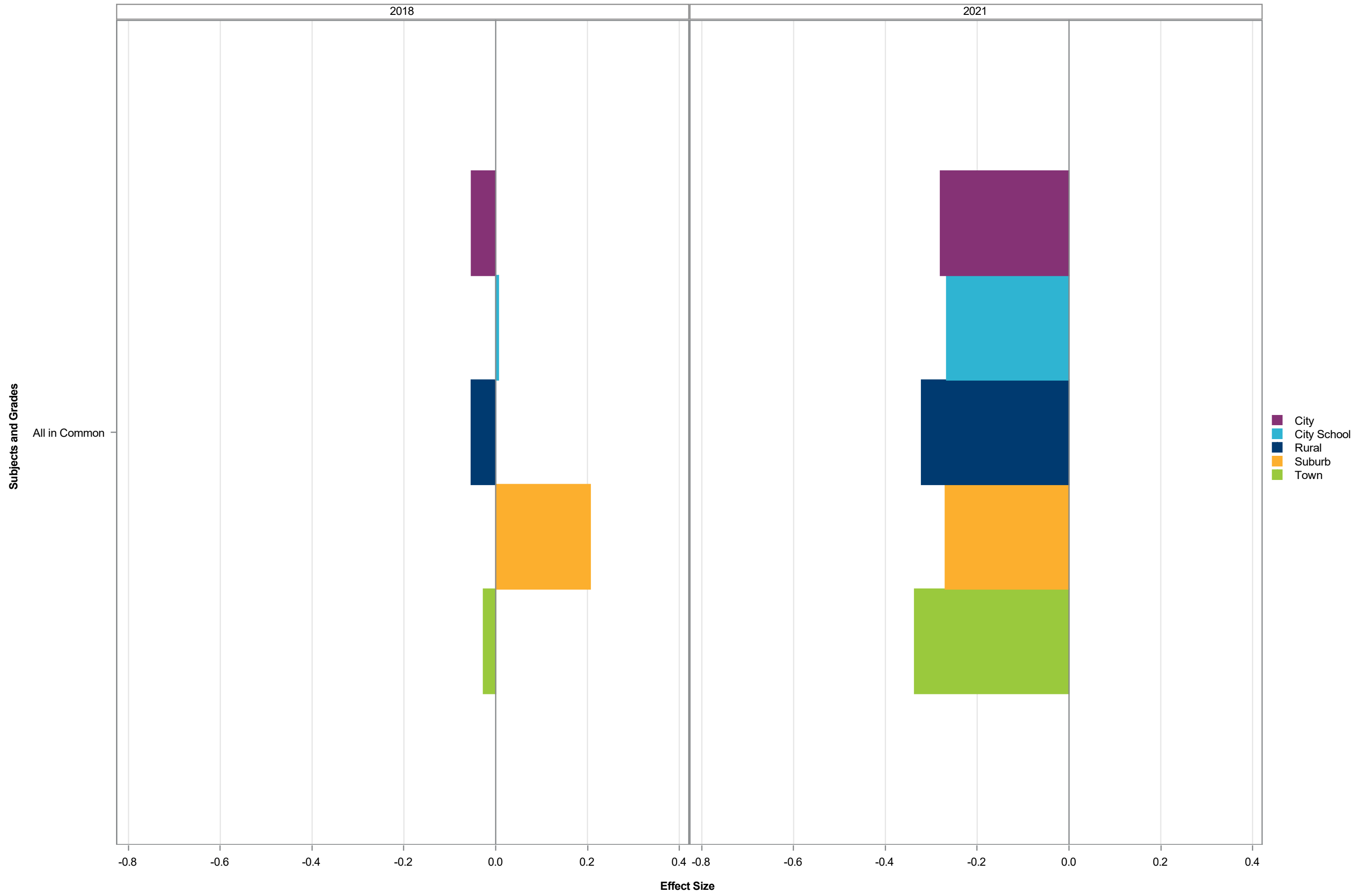
**Effect Size by Subject Grade - Race/Ethnicity Split by SBE Region - Western - 2018**

	Race/Ethnicity Split by SBE Region																	
	American Indian/Alaskan Native			Asian/Pacific Islander			Black (not Hispanic)			Hispanic			Two or More			White (not Hispanic)		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.03	0.0130	1588	0.06	0.0133	1390	-0.07	0.0067	6300	0.01	0.0040	15185	0.00	0.0070	5161	0.02	0.0017	87372
Reading Grade 3	-0.05	0.0731	87	0.07	0.0814	57	-0.22	0.0334	352	-0.09	0.0207	866	0.04	0.0374	263	0.14	0.0099	4046
Reading Grade 4	-0.09	0.0599	74	-0.13	0.0472	95	-0.14	0.0266	385	-0.03	0.0156	968	-0.07	0.0319	286	-0.00	0.0075	4642
Reading Grade 5	-0.09	0.0489	96	-0.03	0.0553	87	-0.11	0.0284	329	-0.05	0.0165	914	-0.05	0.0292	261	-0.03	0.0073	4547
Reading Grade 6	0.05	0.0586	75	0.05	0.0494	92	-0.12	0.0256	322	0.00	0.0153	848	-0.03	0.0285	279	-0.00	0.0069	4512
Reading Grade 7	-0.01	0.0585	67	0.20	0.0526	64	-0.01	0.0268	310	0.13	0.0150	846	0.11	0.0295	259	0.08	0.0070	4350
Reading Grade 8	-0.07	0.0582	86	0.11	0.0577	76	-0.06	0.0293	275	0.10	0.0182	717	-0.04	0.0302	263	0.02	0.0076	4305
English II	0.06	0.0513	83	0.12	0.0476	70	-0.03	0.0267	367	0.02	0.0162	739	-0.04	0.0287	264	-0.01	0.0070	4675
Science Grade 5	-0.04	0.0563	95	-0.00	0.0611	86	-0.07	0.0336	323	0.01	0.0188	905	0.04	0.0380	257	0.01	0.0085	4495
Science Grade 8	-0.14	0.0570	86	0.18	0.0549	76	-0.03	0.0317	274	0.11	0.0186	719	0.03	0.0327	263	0.09	0.0076	4324
Biology	-0.01	0.0558	76	-0.04	0.0487	73	-0.01	0.0308	317	0.10	0.0192	682	0.02	0.0326	258	0.09	0.0073	4555
Math Grade 5	-0.23	0.0524	96	0.07	0.0428	87	-0.09	0.0276	328	0.03	0.0157	914	-0.09	0.0320	261	-0.05	0.0075	4544
Math Grade 6	0.04	0.0612	75	0.09	0.0509	92	-0.11	0.0276	324	0.01	0.0162	849	0.01	0.0265	279	-0.00	0.0071	4513
Math Grade 7	-0.03	0.0595	67	0.26	0.0522	64	-0.02	0.0281	310	0.11	0.0161	846	0.06	0.0284	258	0.03	0.0070	4342
Math Grade 8	-0.13	0.0585	76	0.13	0.0796	41	0.04	0.0350	240	0.11	0.0211	608	0.09	0.0347	225	0.08	0.0096	3046
NC Math 1	-0.00	0.0658	64	0.18	0.0557	80	-0.04	0.0289	341	0.06	0.0195	779	0.04	0.0303	284	0.03	0.0072	4753
ACT Composite	0.04	0.0443	77	-0.00	0.0640	50	-0.07	0.0265	300	-0.10	0.0162	597	-0.01	0.0270	239	-0.00	0.0067	4343
ACT English	0.10	0.0607	77	-0.04	0.0797	50	-0.10	0.0327	301	-0.15	0.0203	597	-0.00	0.0296	240	0.00	0.0082	4346
ACT Math	-0.03	0.0543	77	0.01	0.0668	50	-0.08	0.0313	301	-0.11	0.0189	597	-0.01	0.0305	241	-0.02	0.0079	4346
ACT Reading	0.03	0.0587	77	0.03	0.0779	50	-0.02	0.0296	300	-0.04	0.0200	597	-0.02	0.0319	241	-0.00	0.0082	4344
ACT Science	-0.01	0.0601	77	0.03	0.0879	50	-0.06	0.0331	301	-0.08	0.0198	597	-0.01	0.0362	240	0.01	0.0086	4344

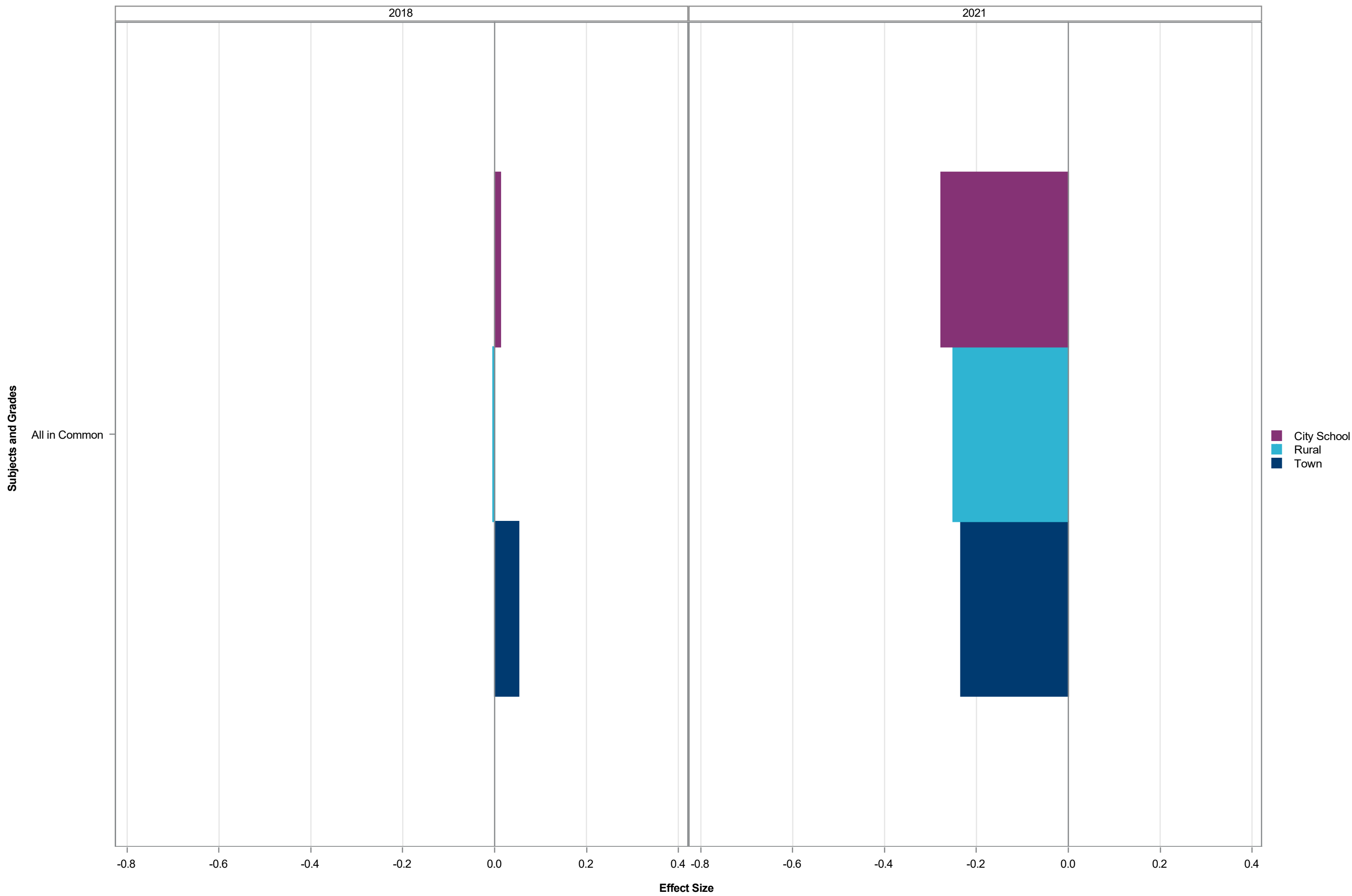
# Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - North Central-N



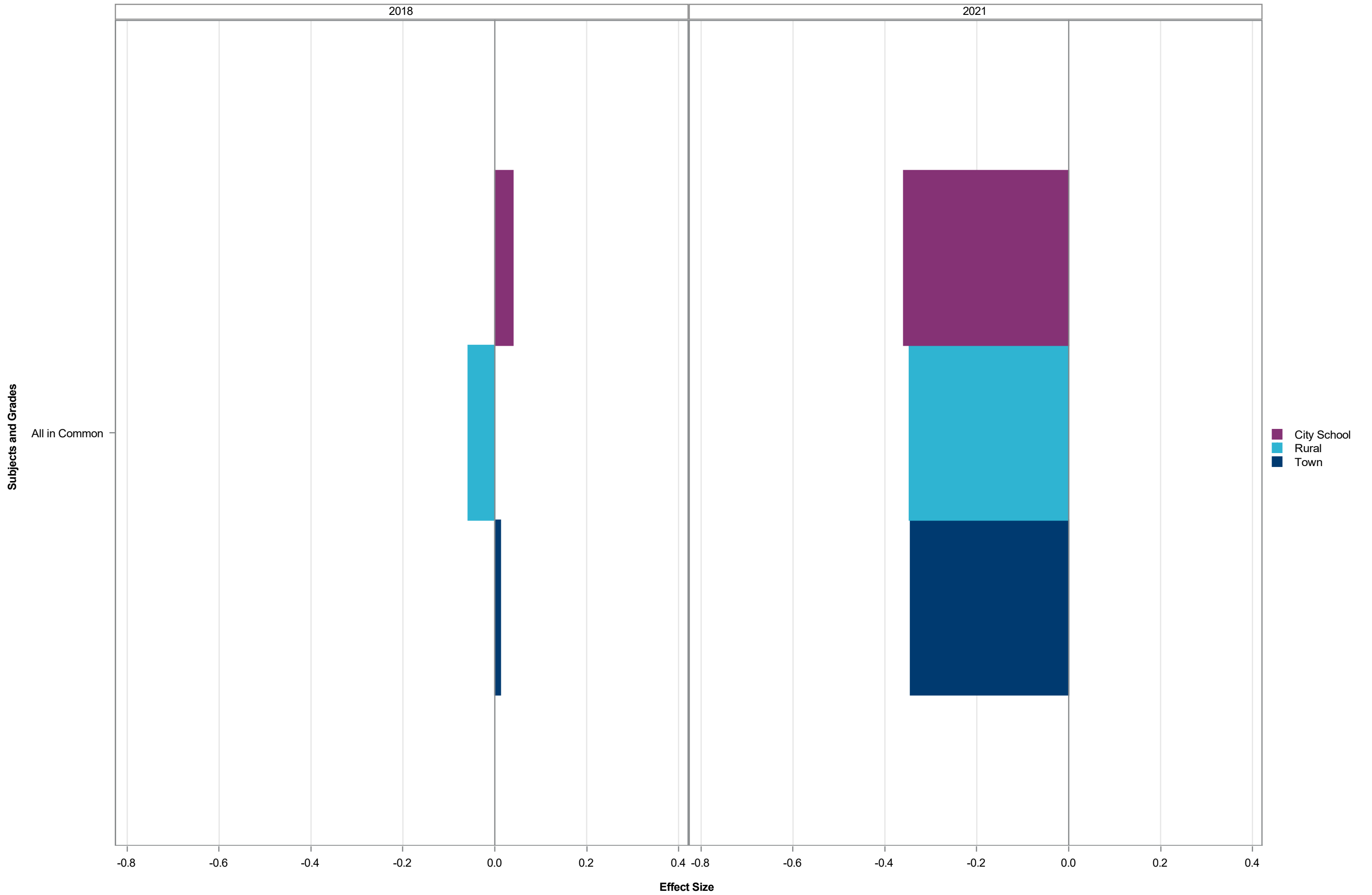
# Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - North Central-Y



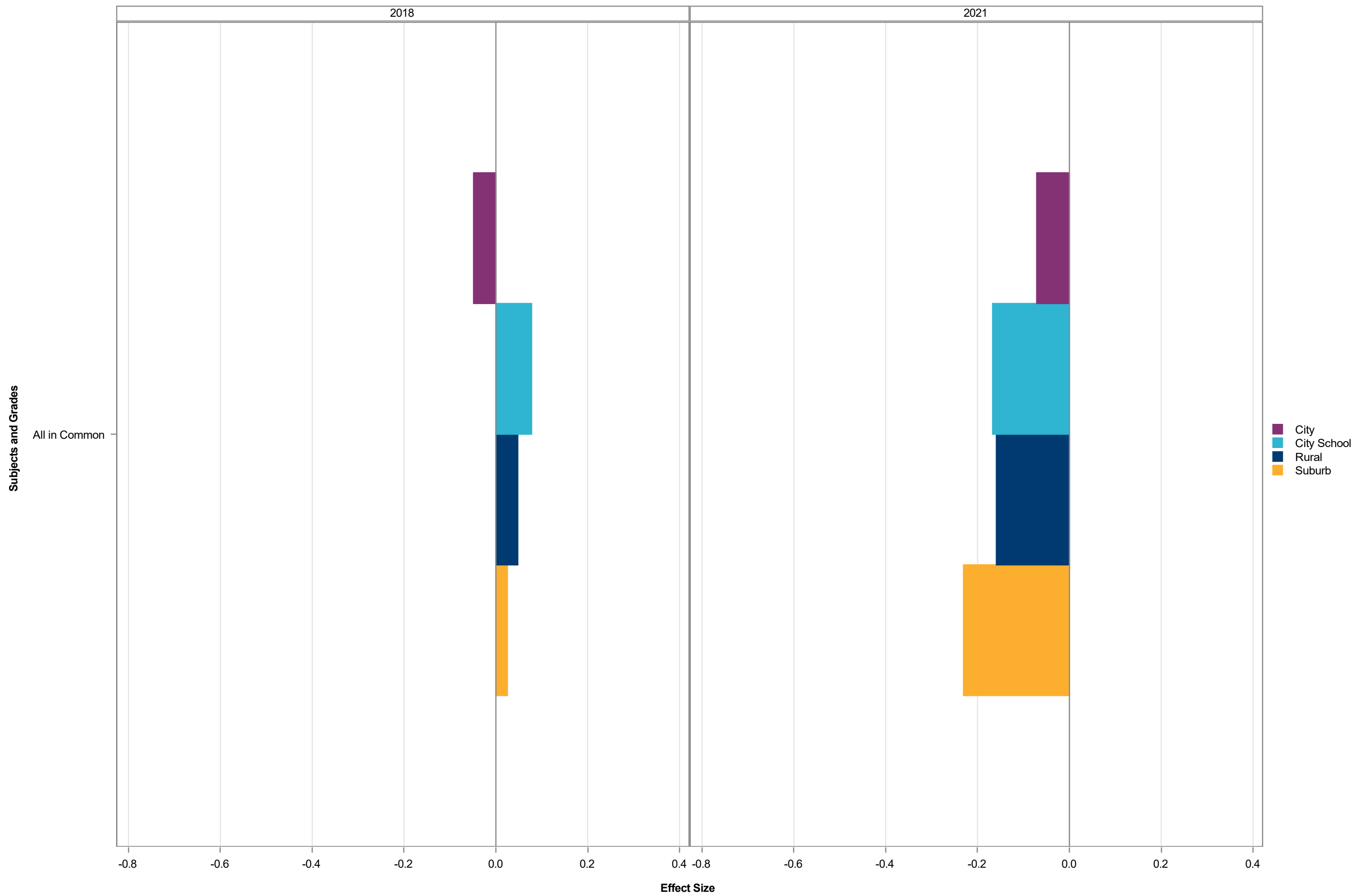
# Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Northeast-N



# Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Northeast-Y

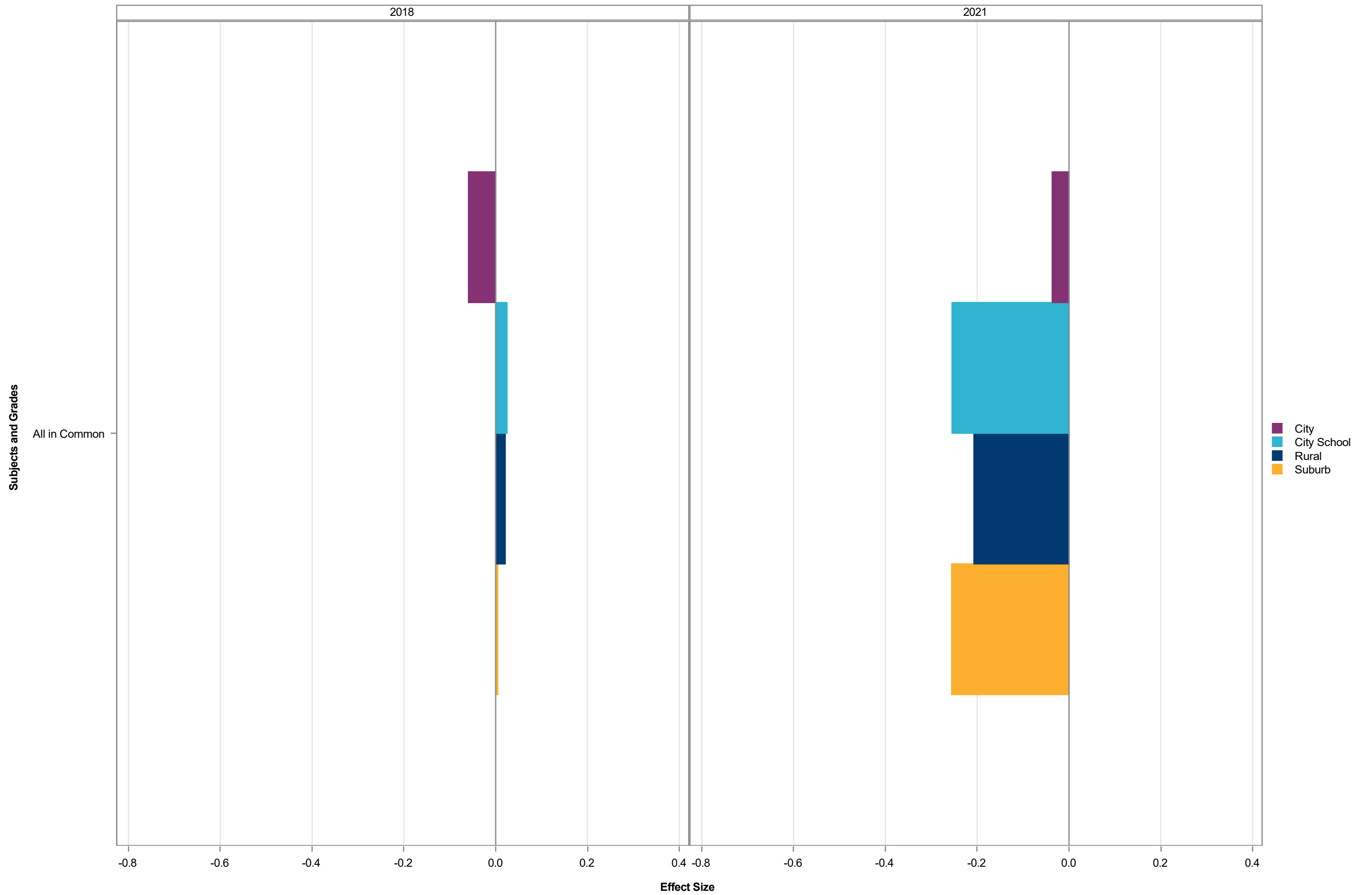


# Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Northwest-N

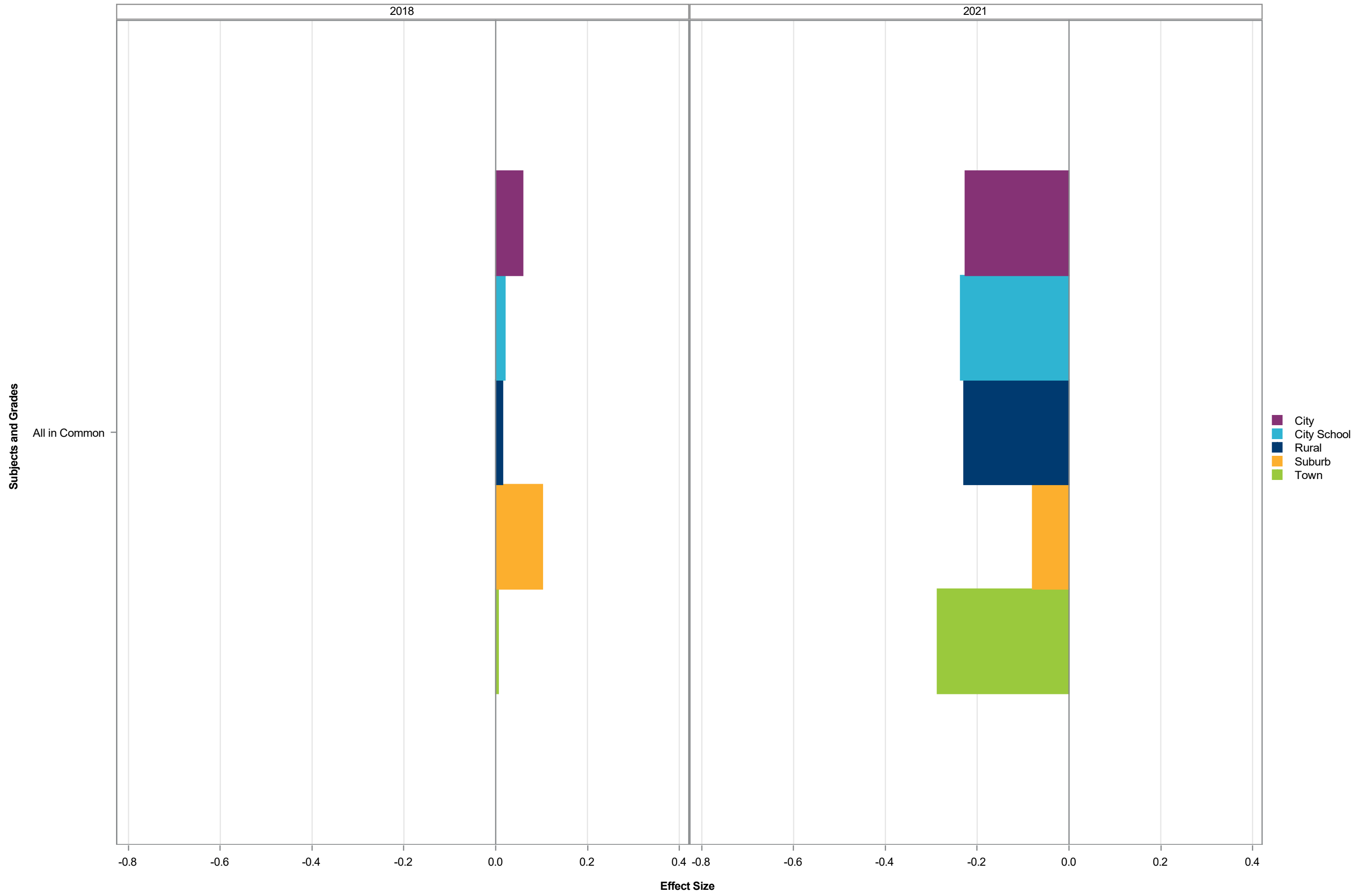




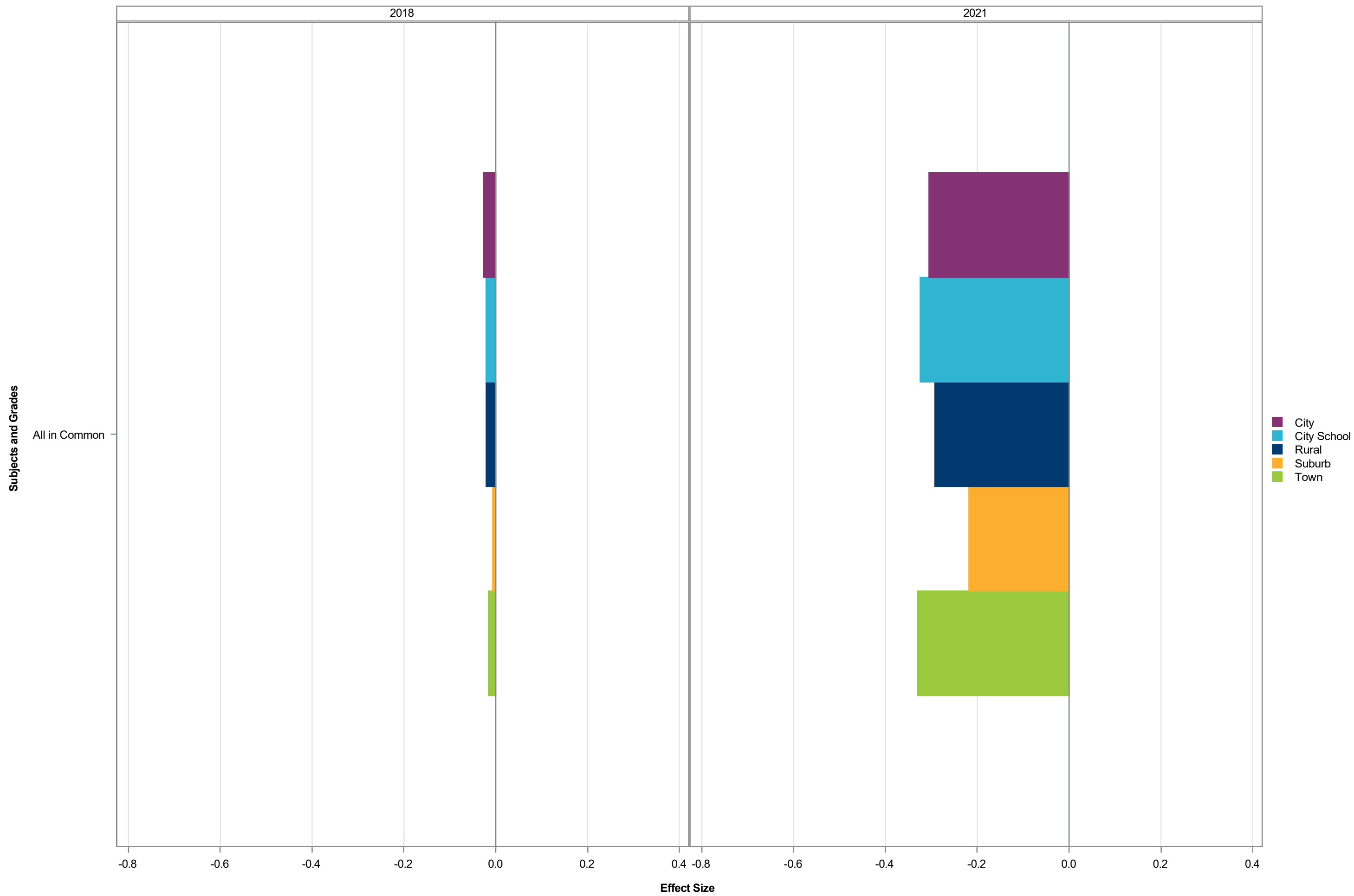
# Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Northwest-Y



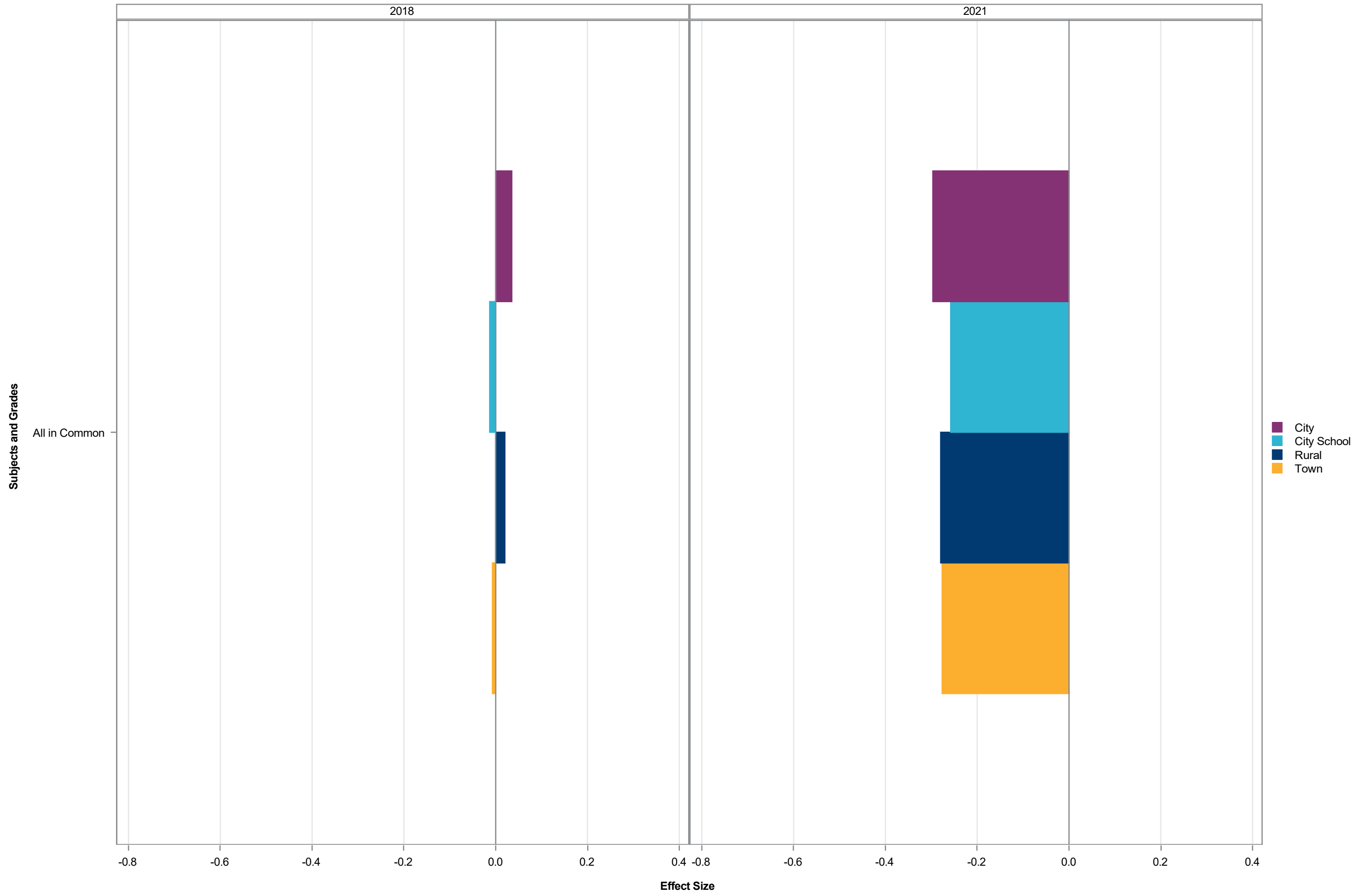
# Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Piedmont Triad-N



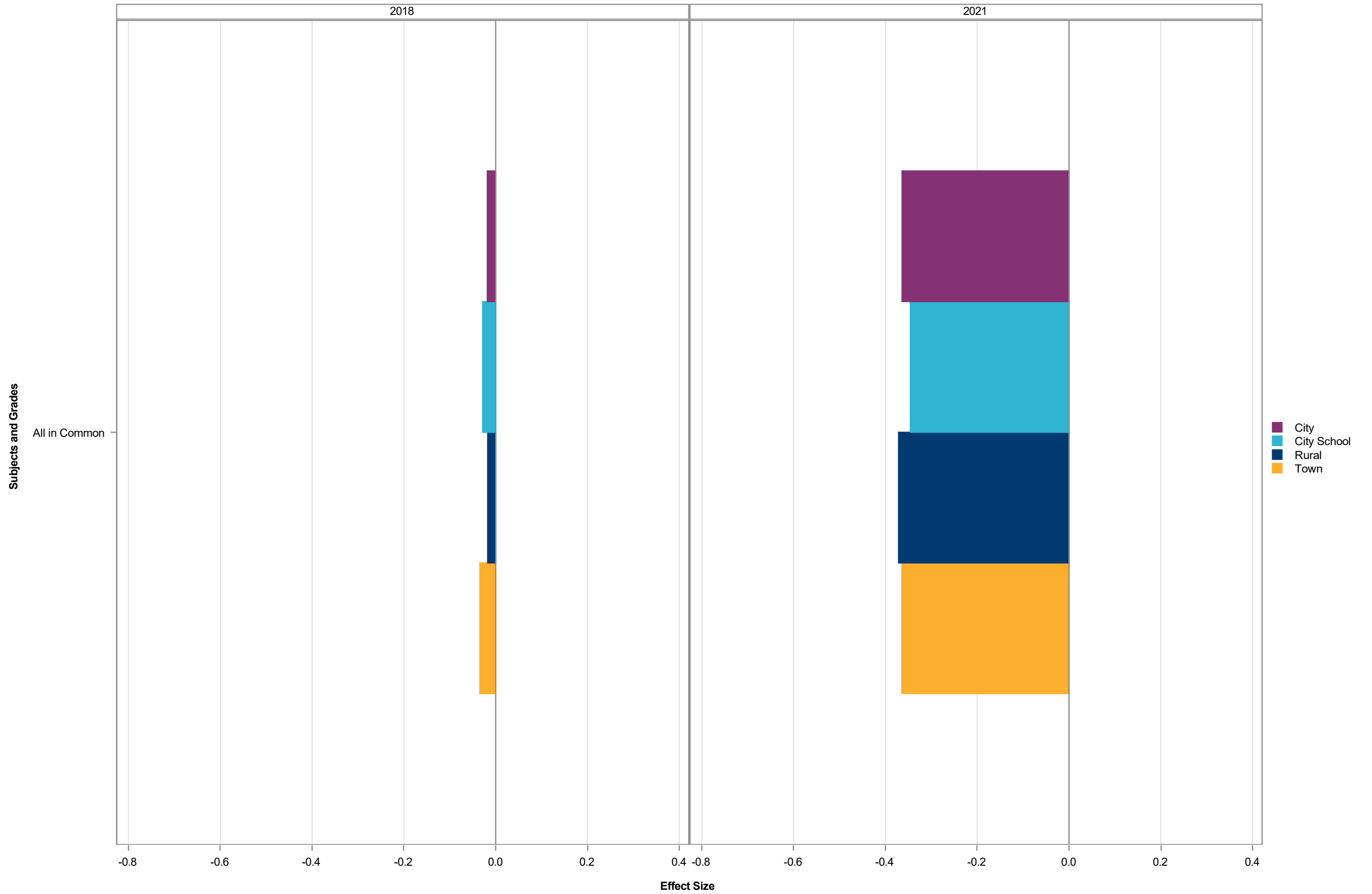
# Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Piedmont Triad-Y



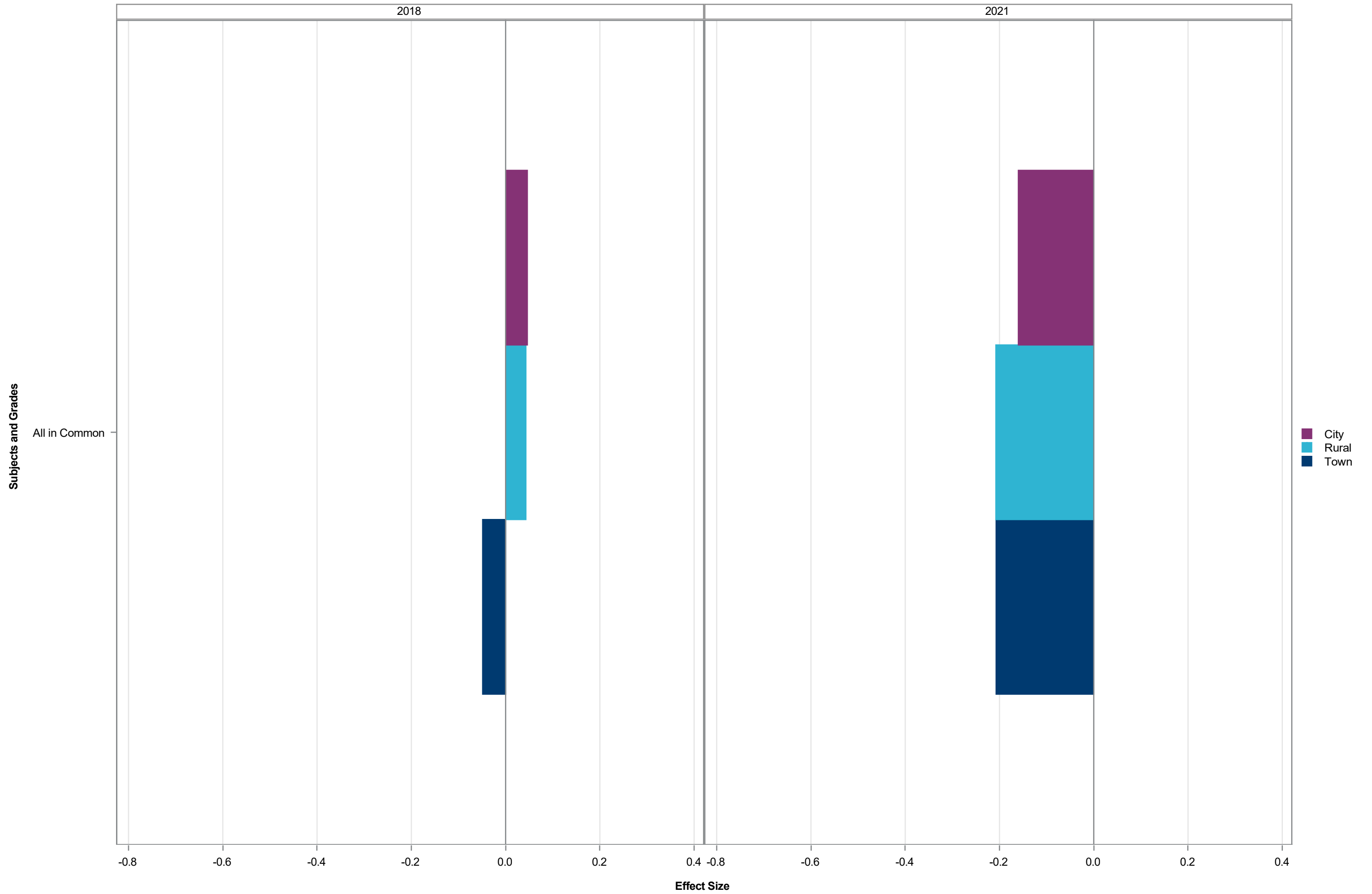
# Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Sandhills-N



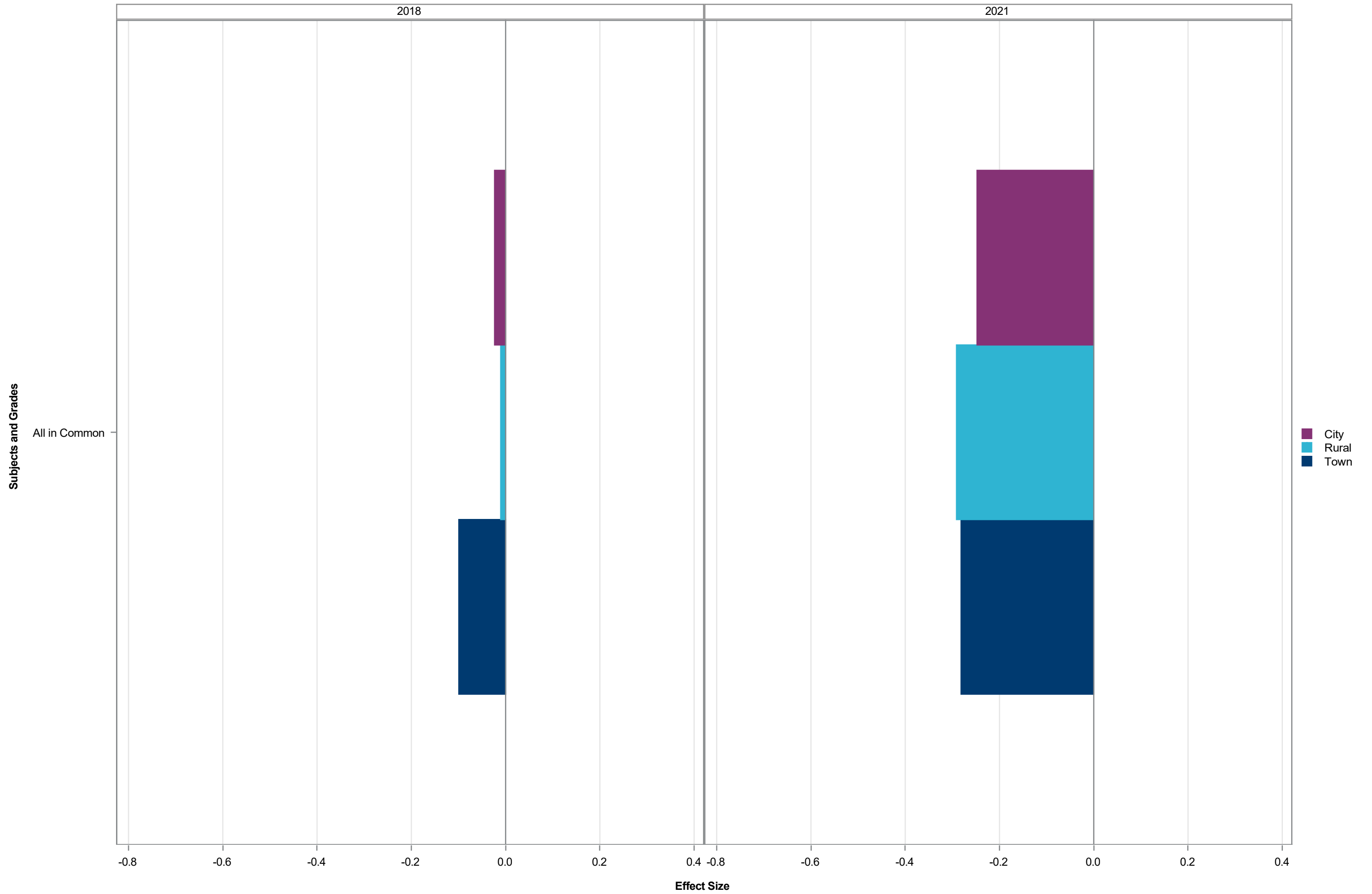
# Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Sandhills-Y



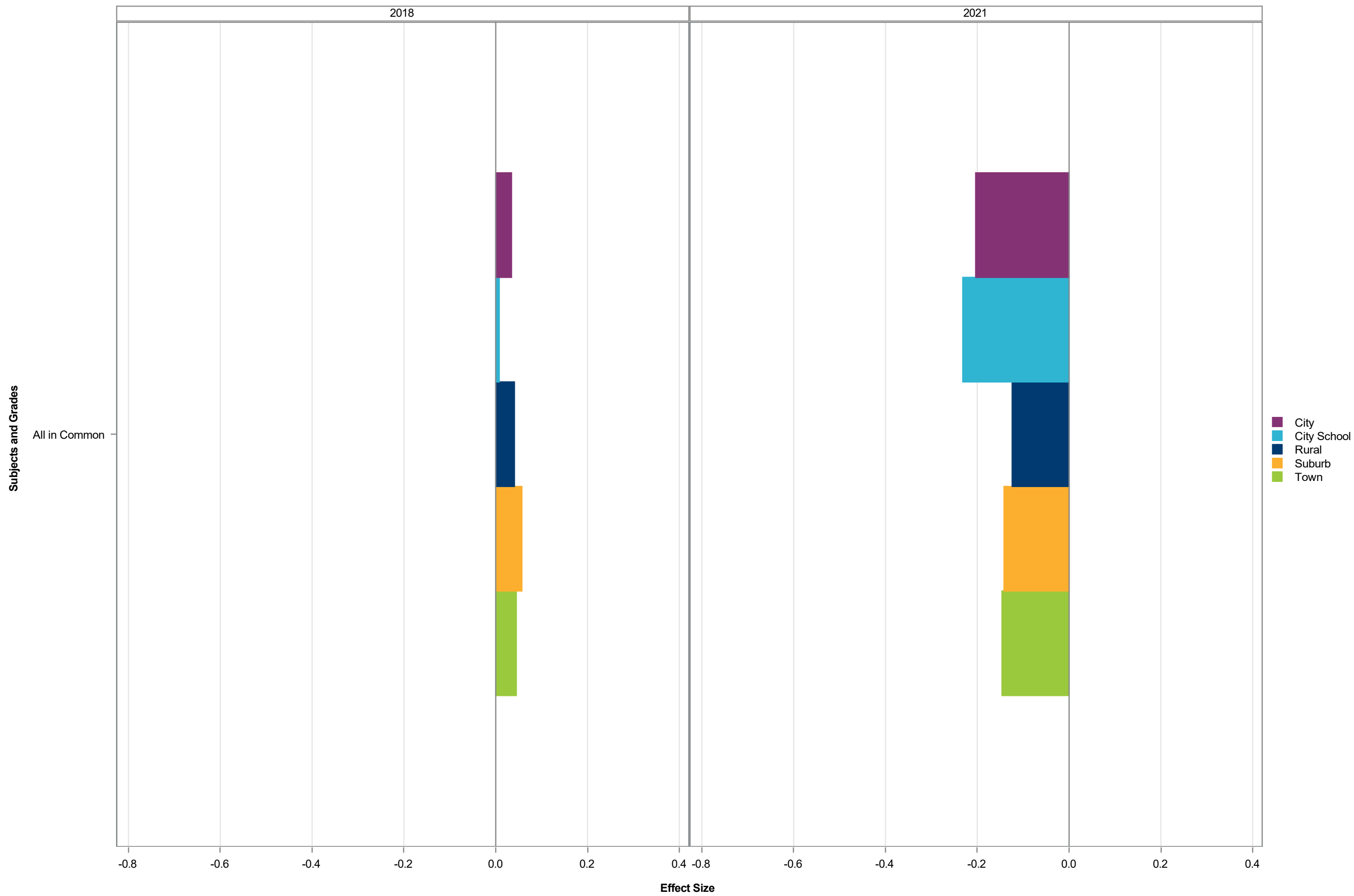
# Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Southeast-N



# Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Southeast-Y

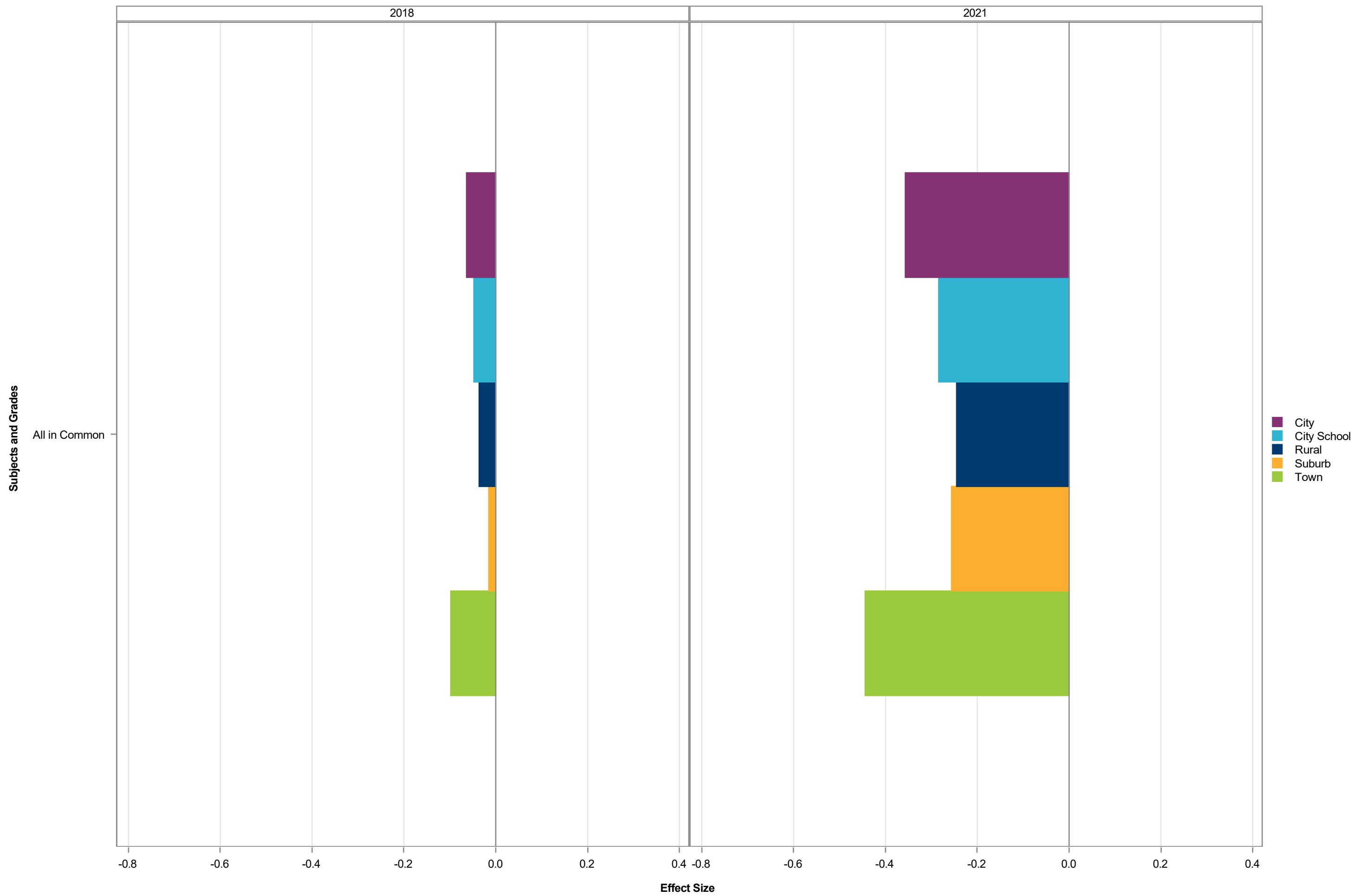


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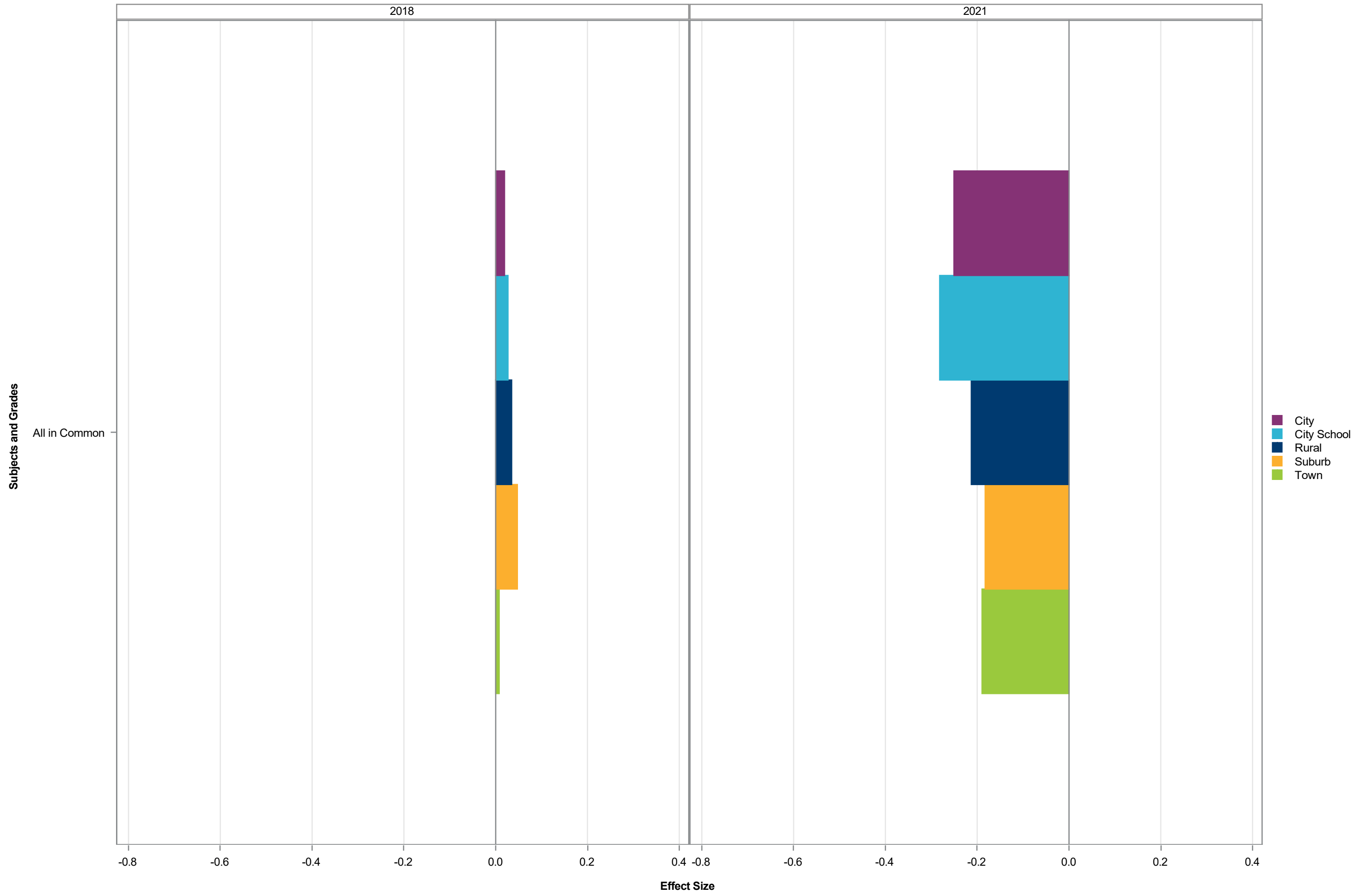




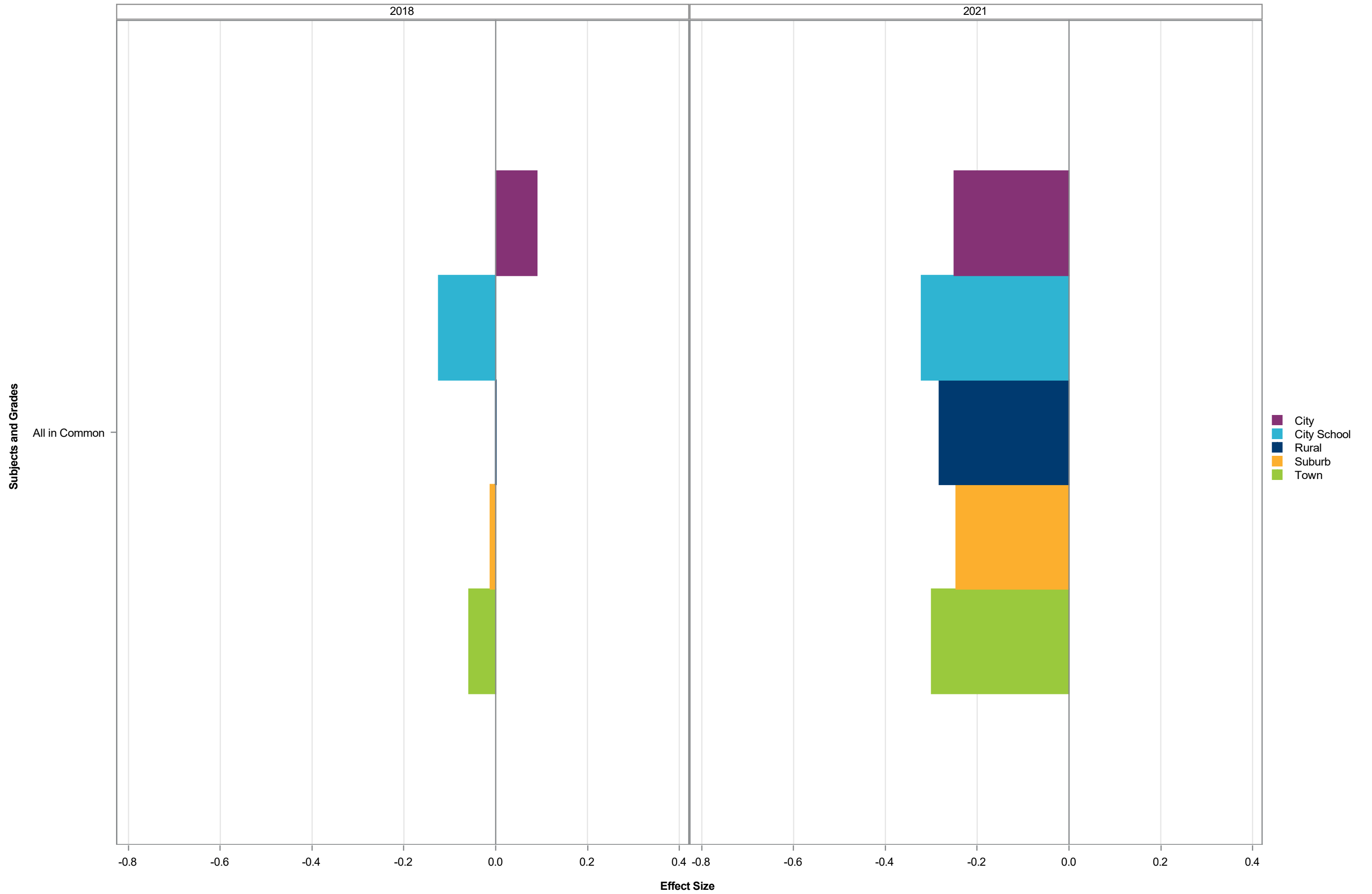
# Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Southwest-Y



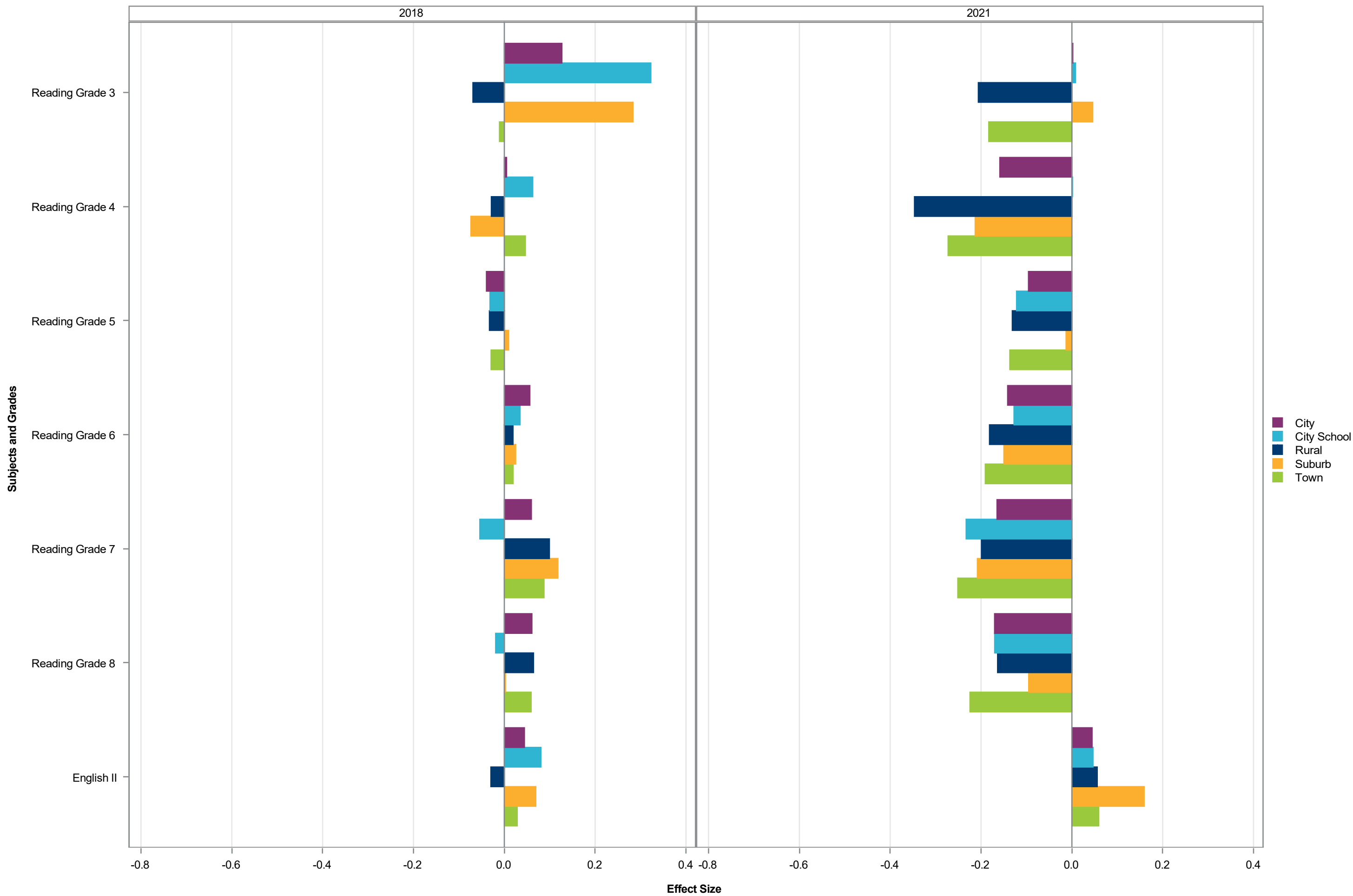
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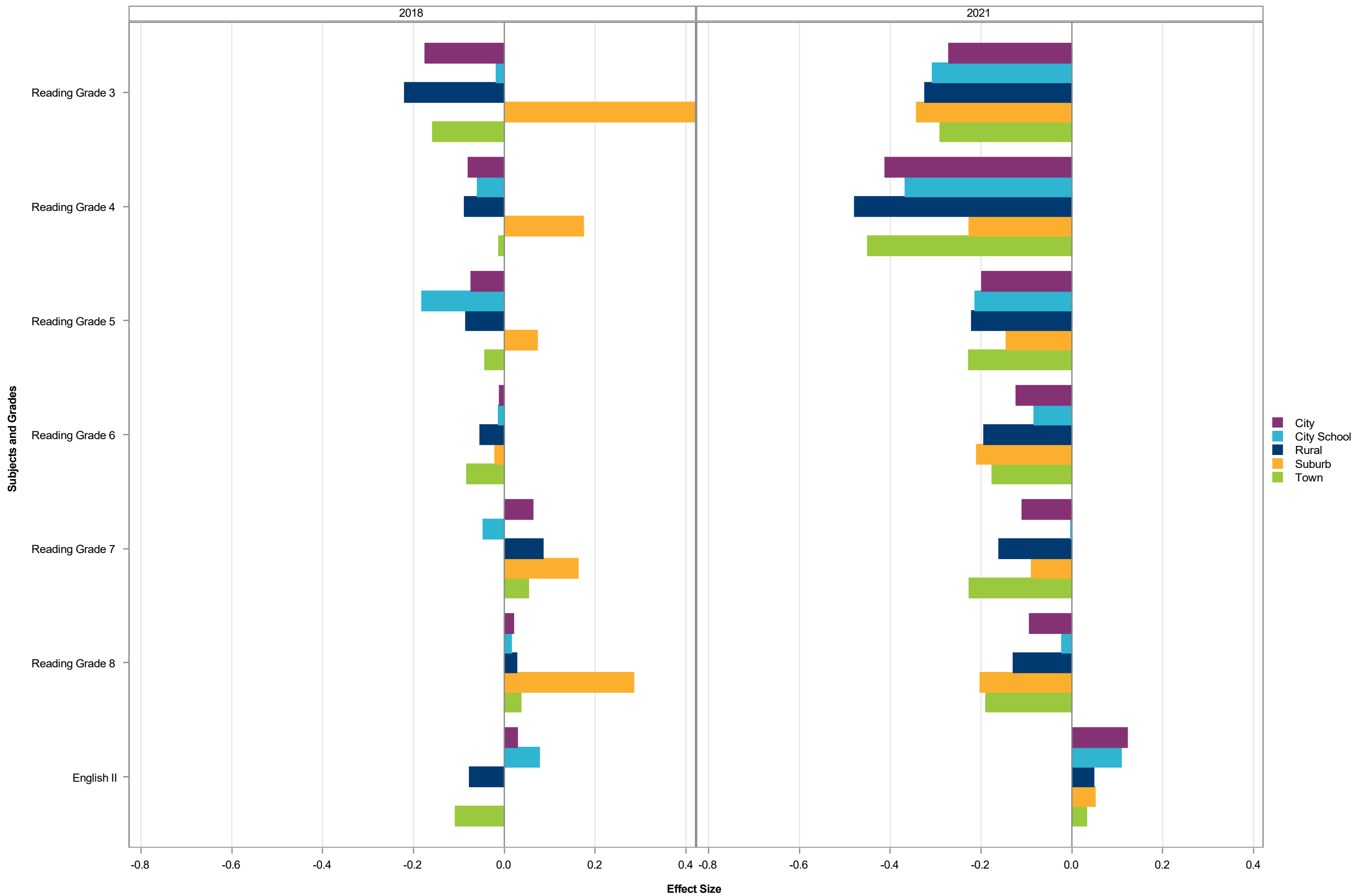
# Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Western-Y



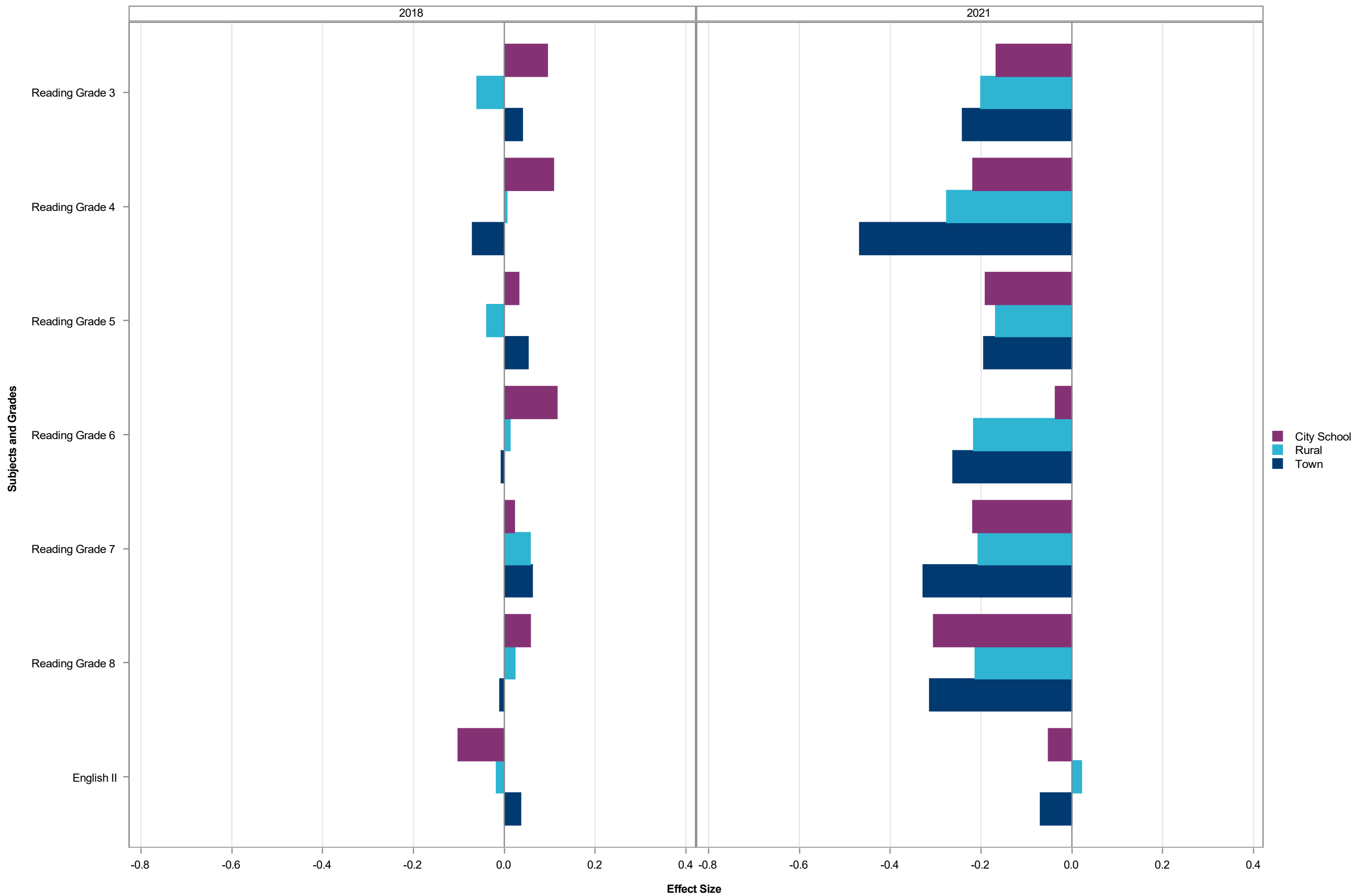
# Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - North Central-N



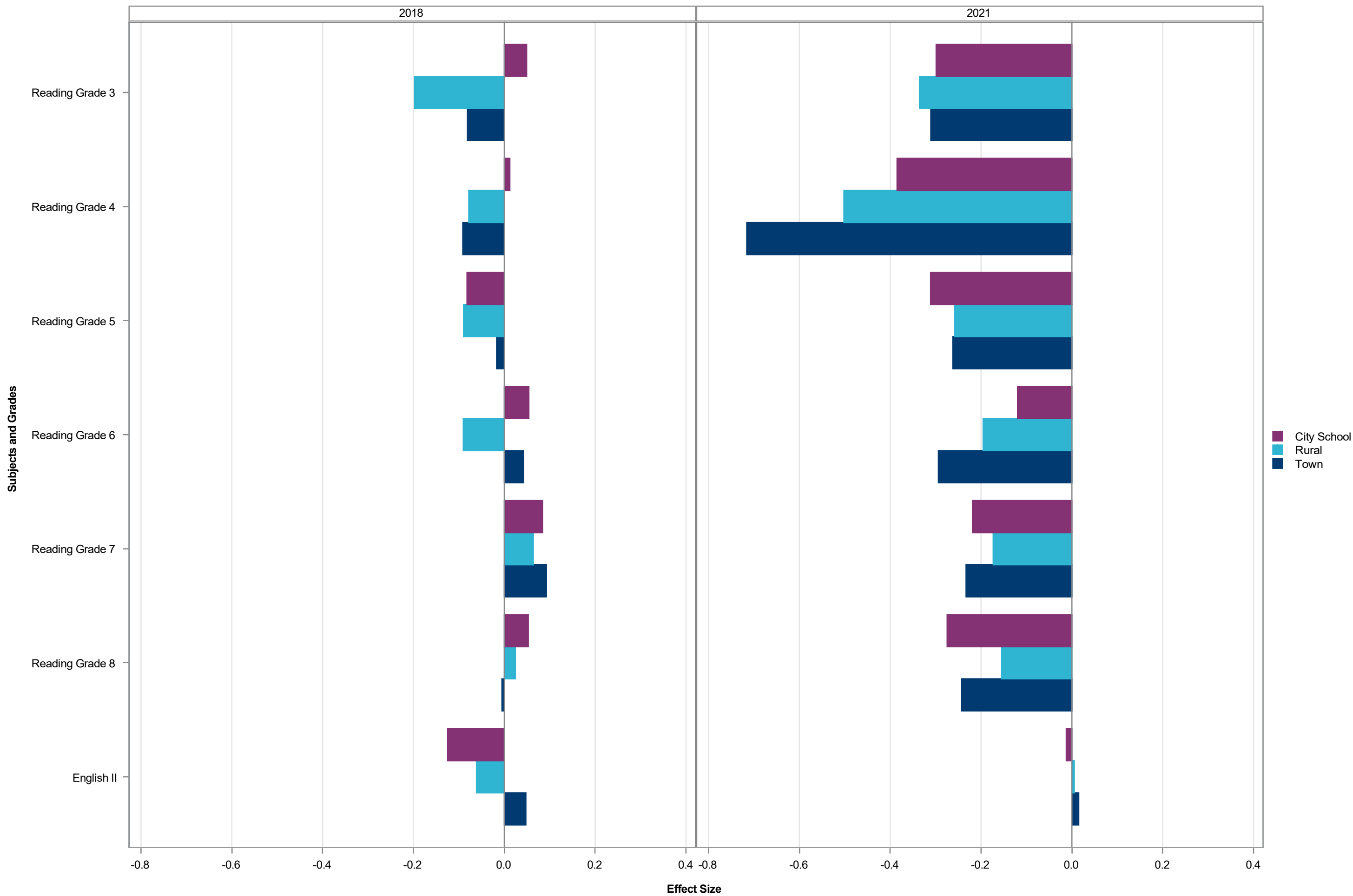
Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - North Central-Y



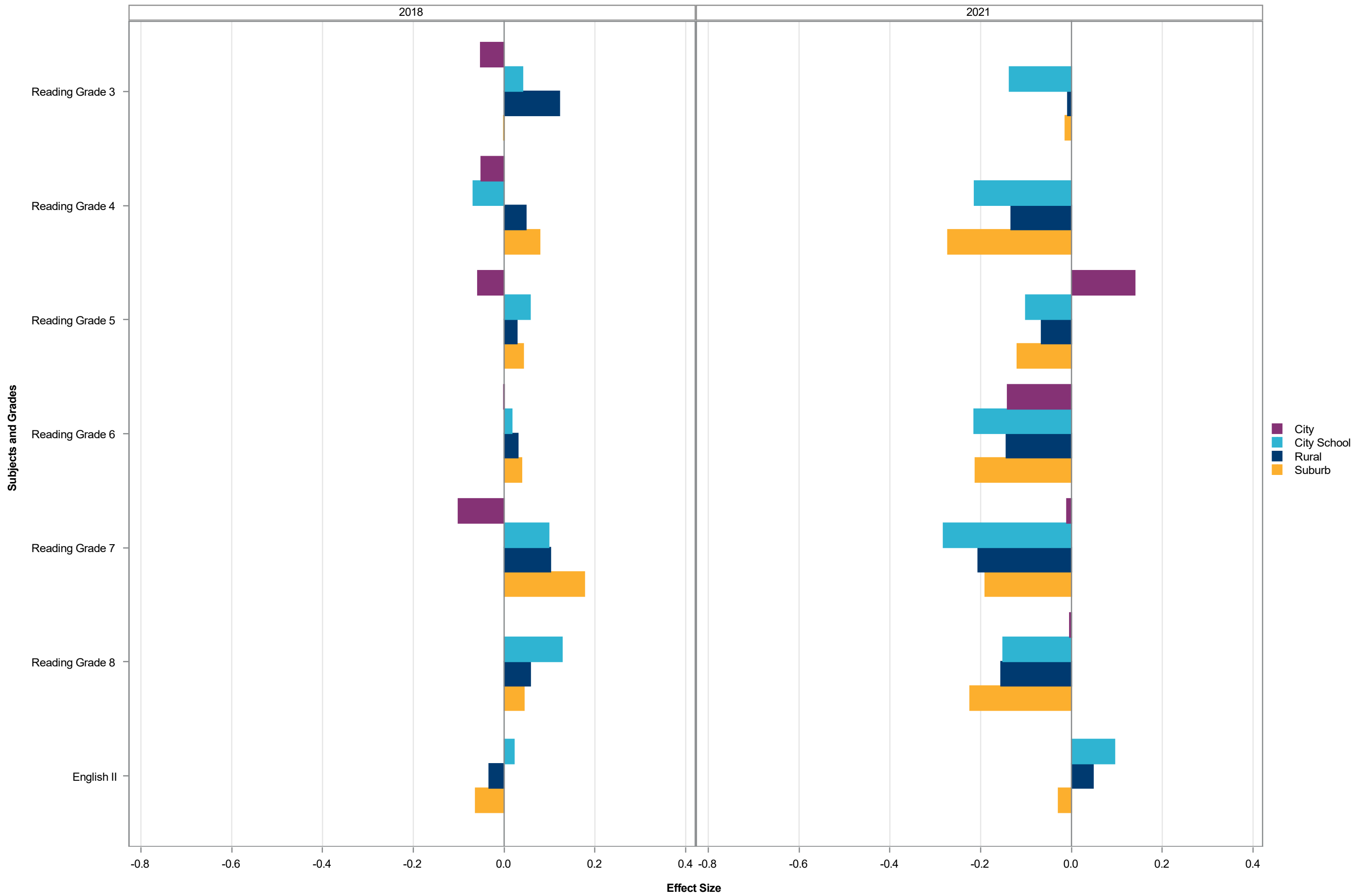
Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Northeast-N



Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Northeast-Y

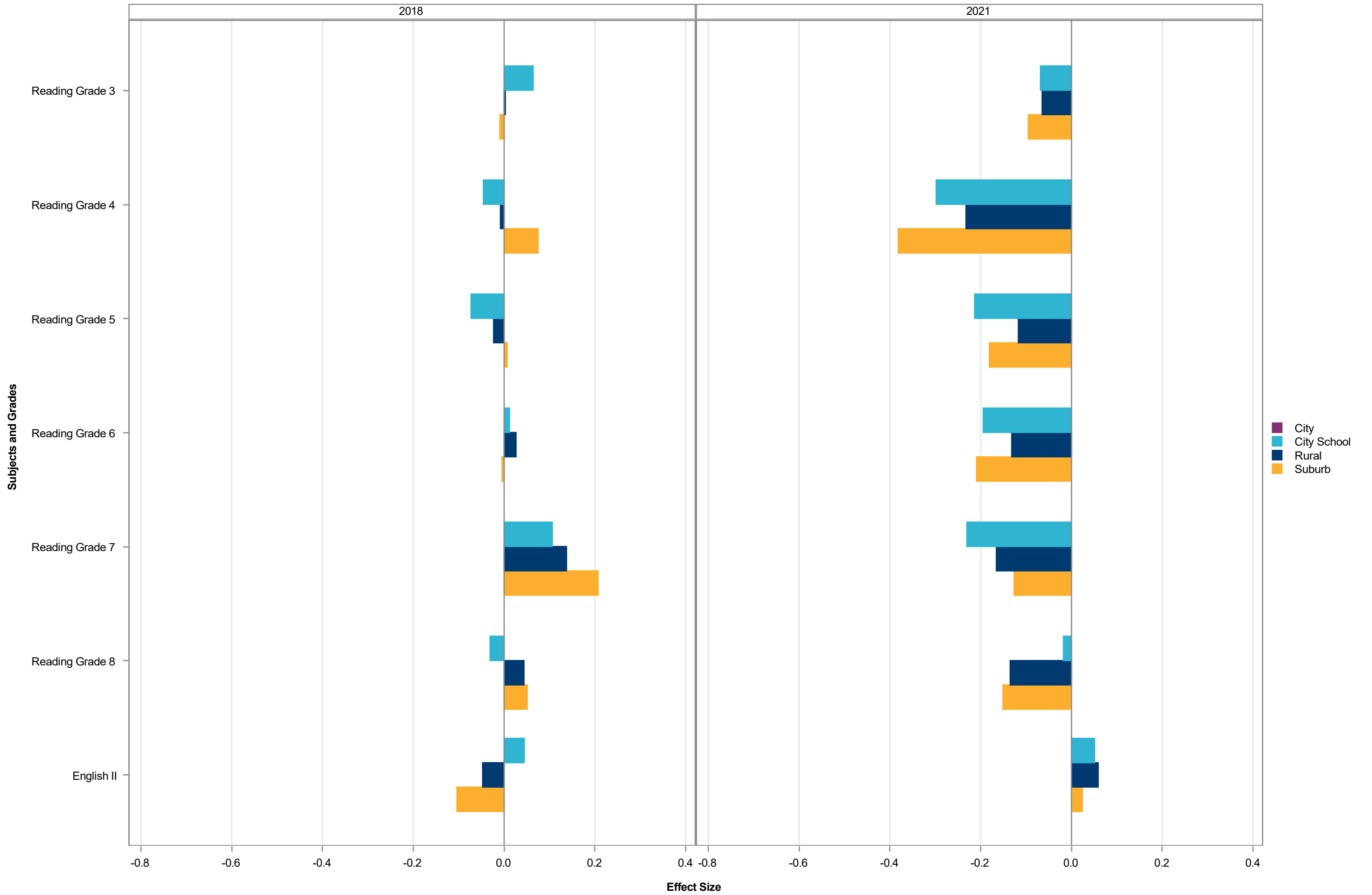


# Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Northwest-N

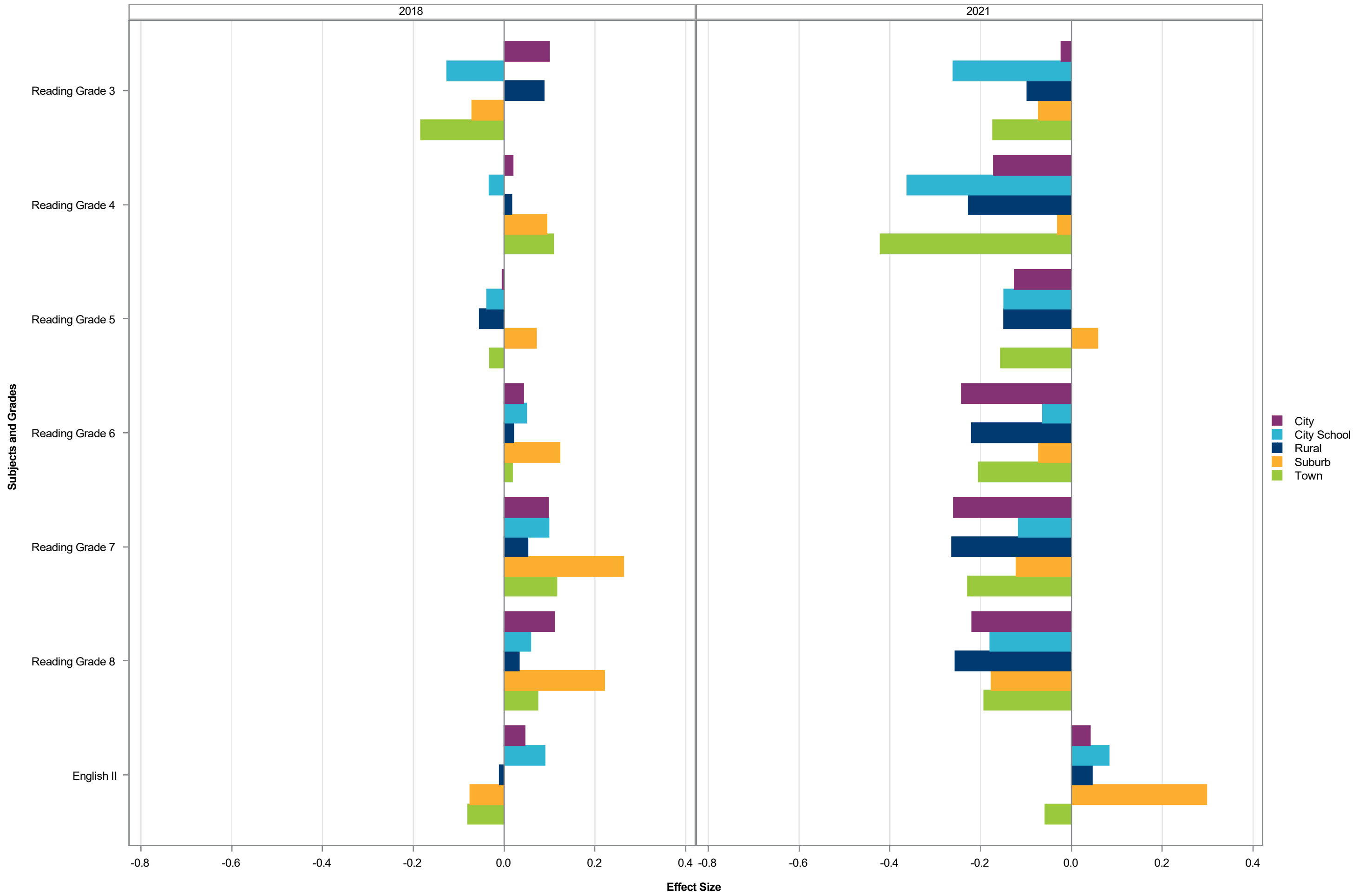




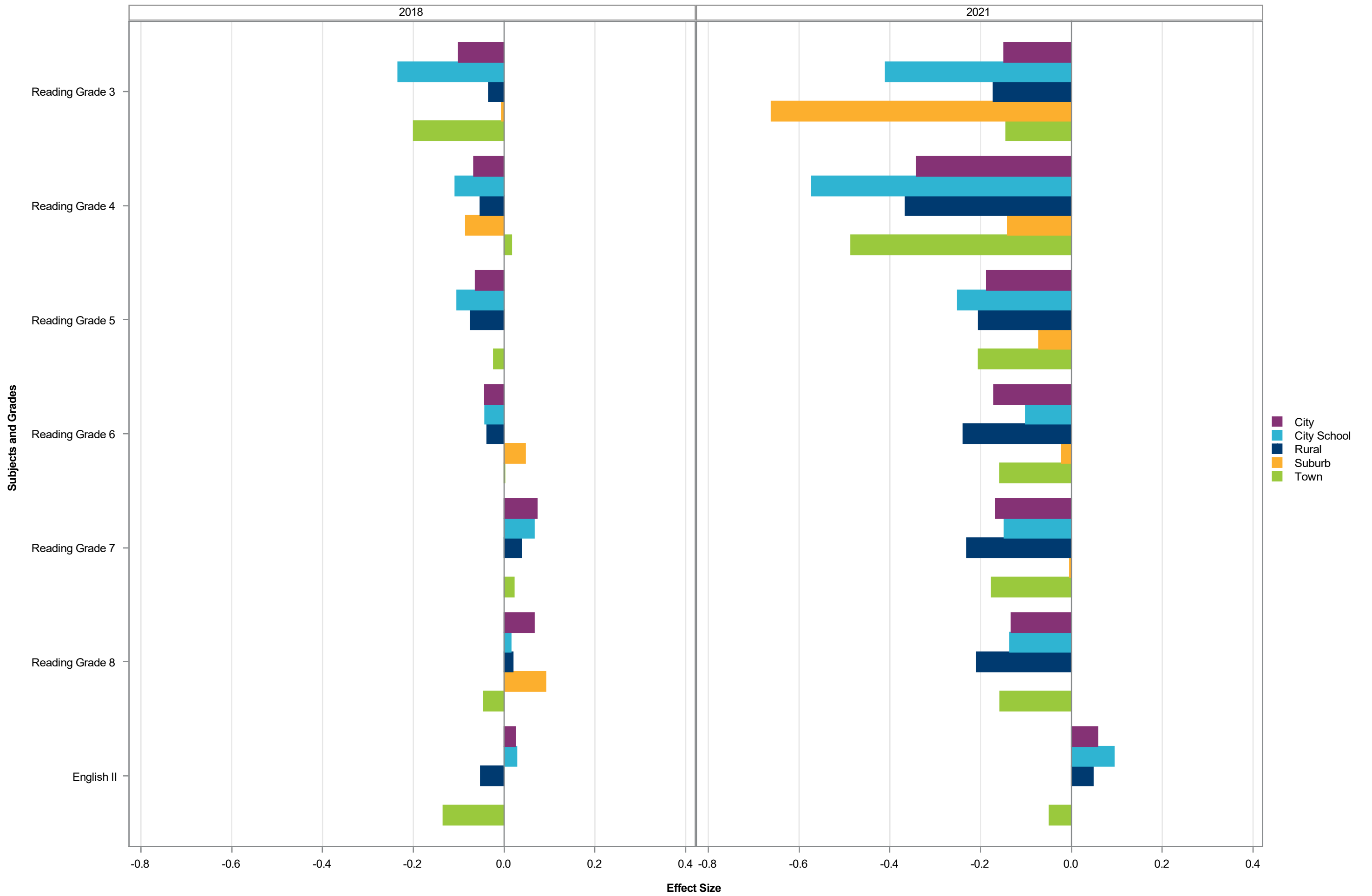
# Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Northwest-Y



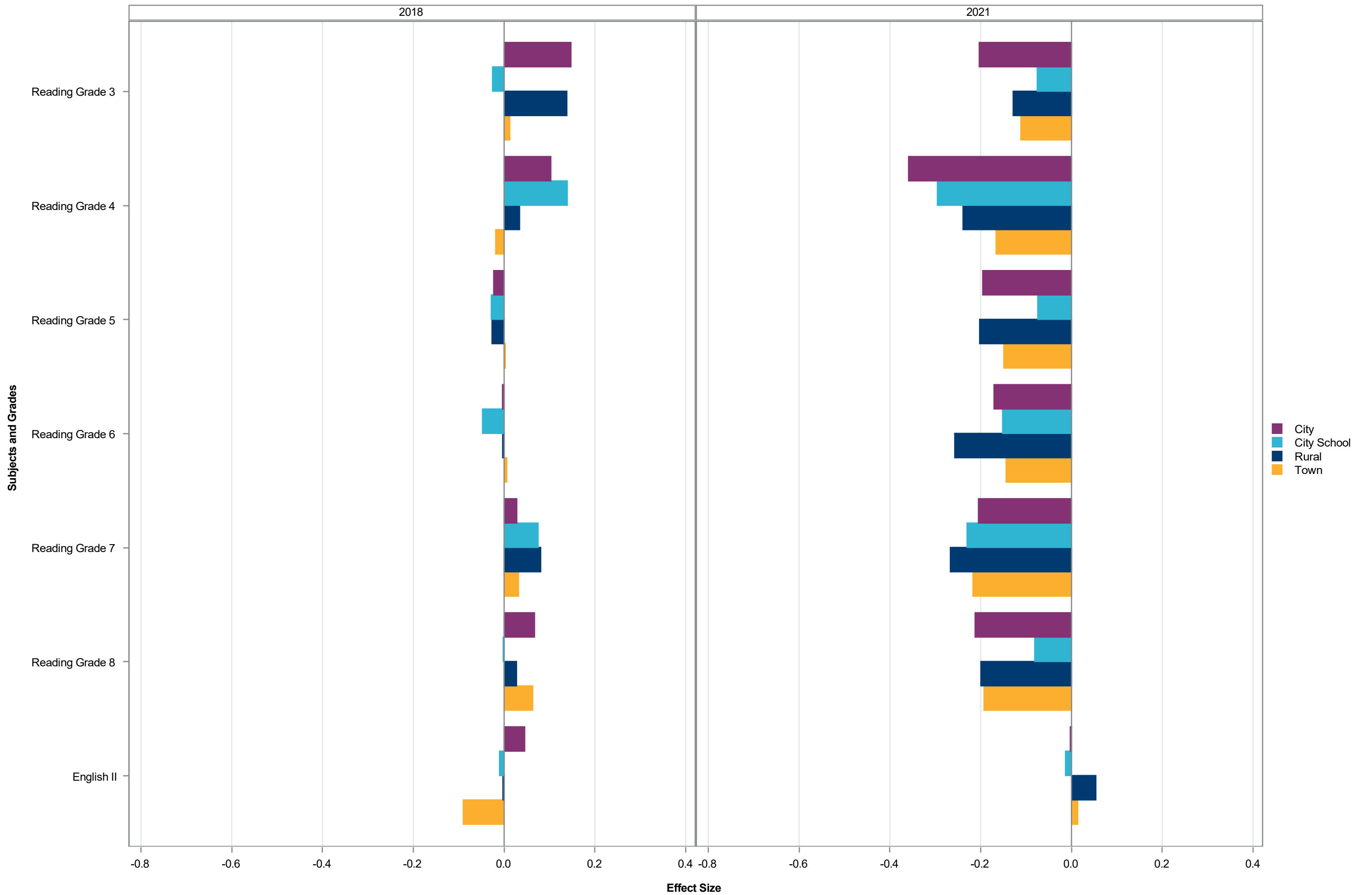
Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Piedmont Triad-N



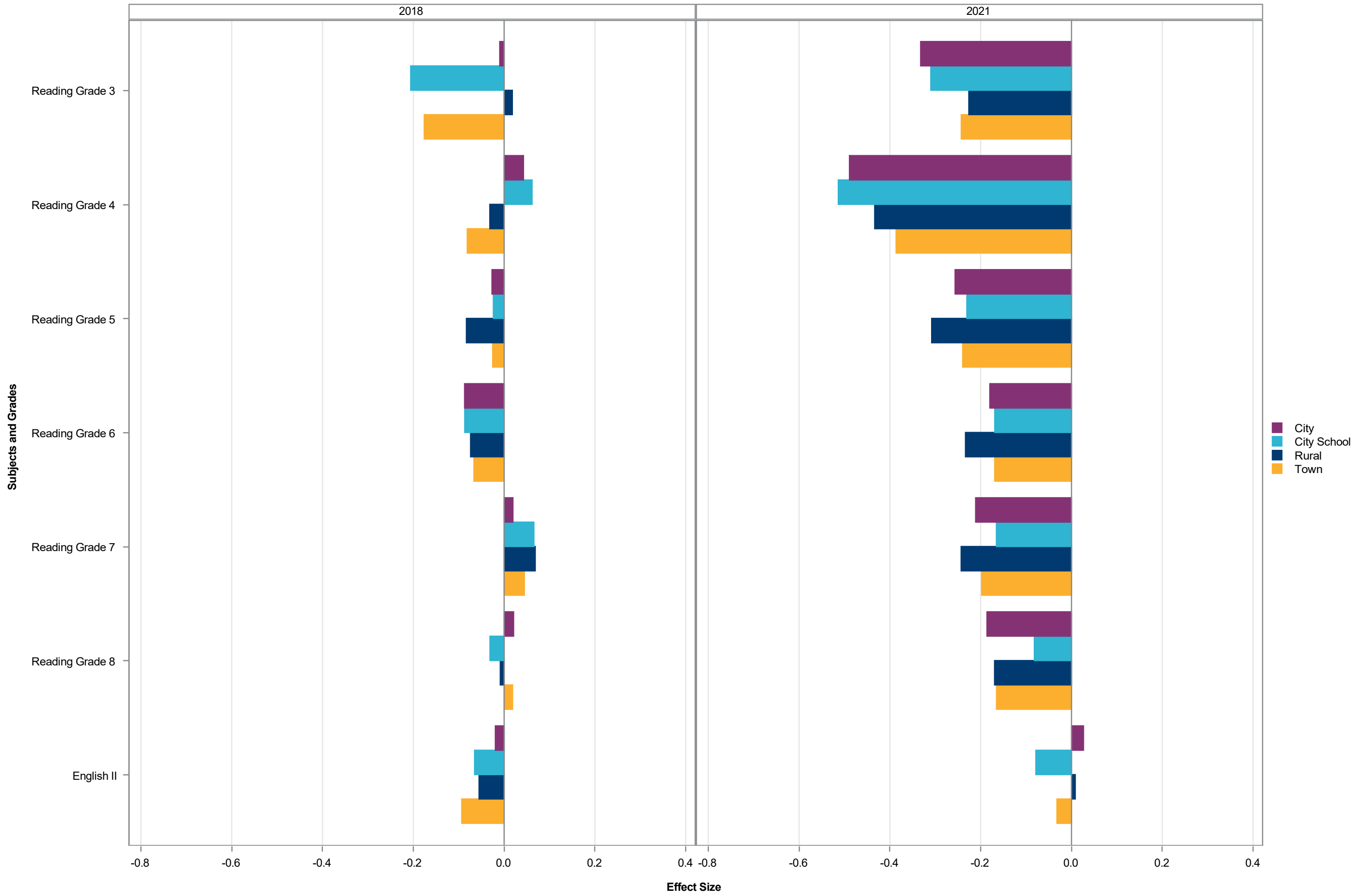
Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Piedmont Triad-Y



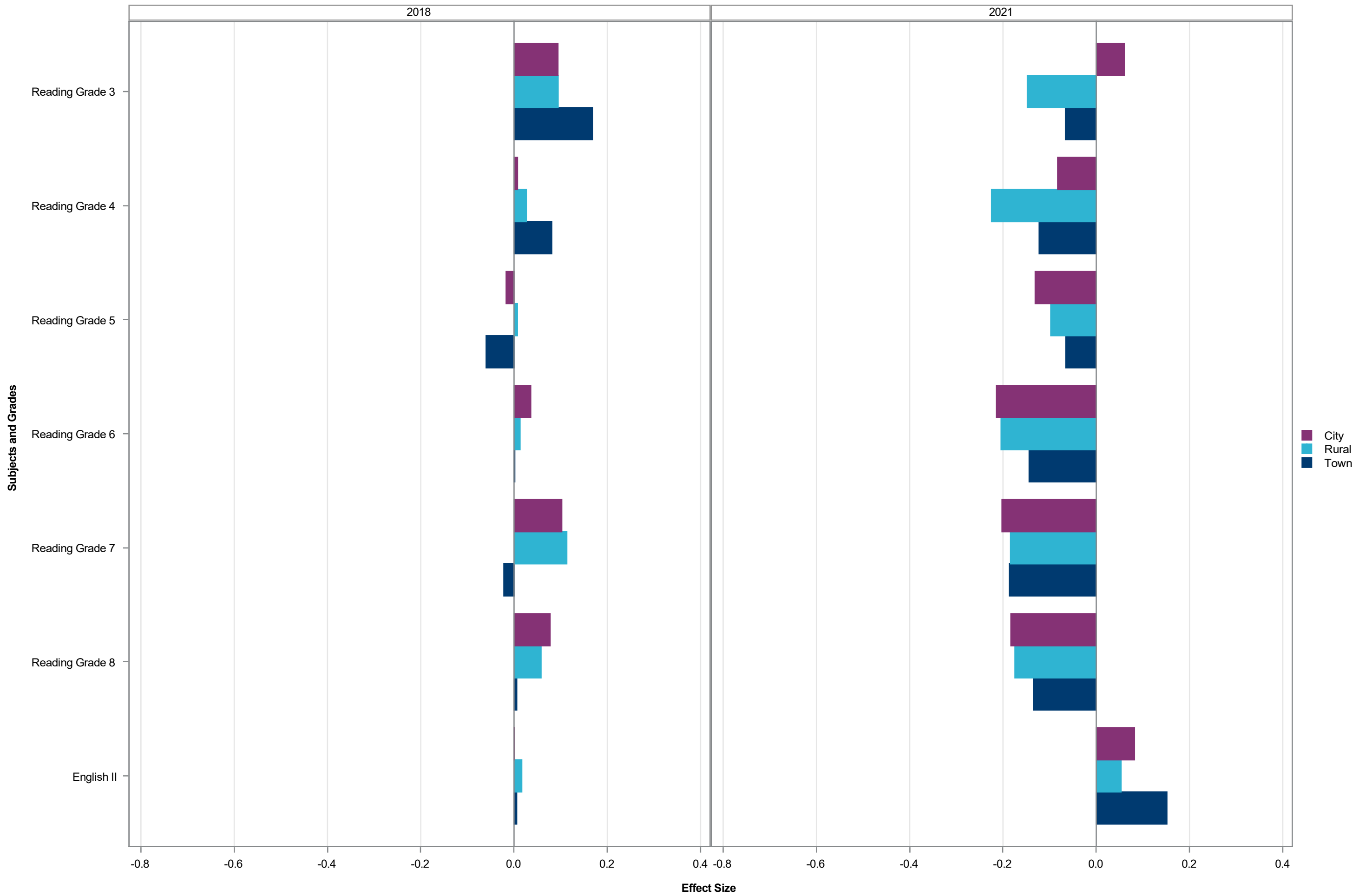
# Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Sandhills-N



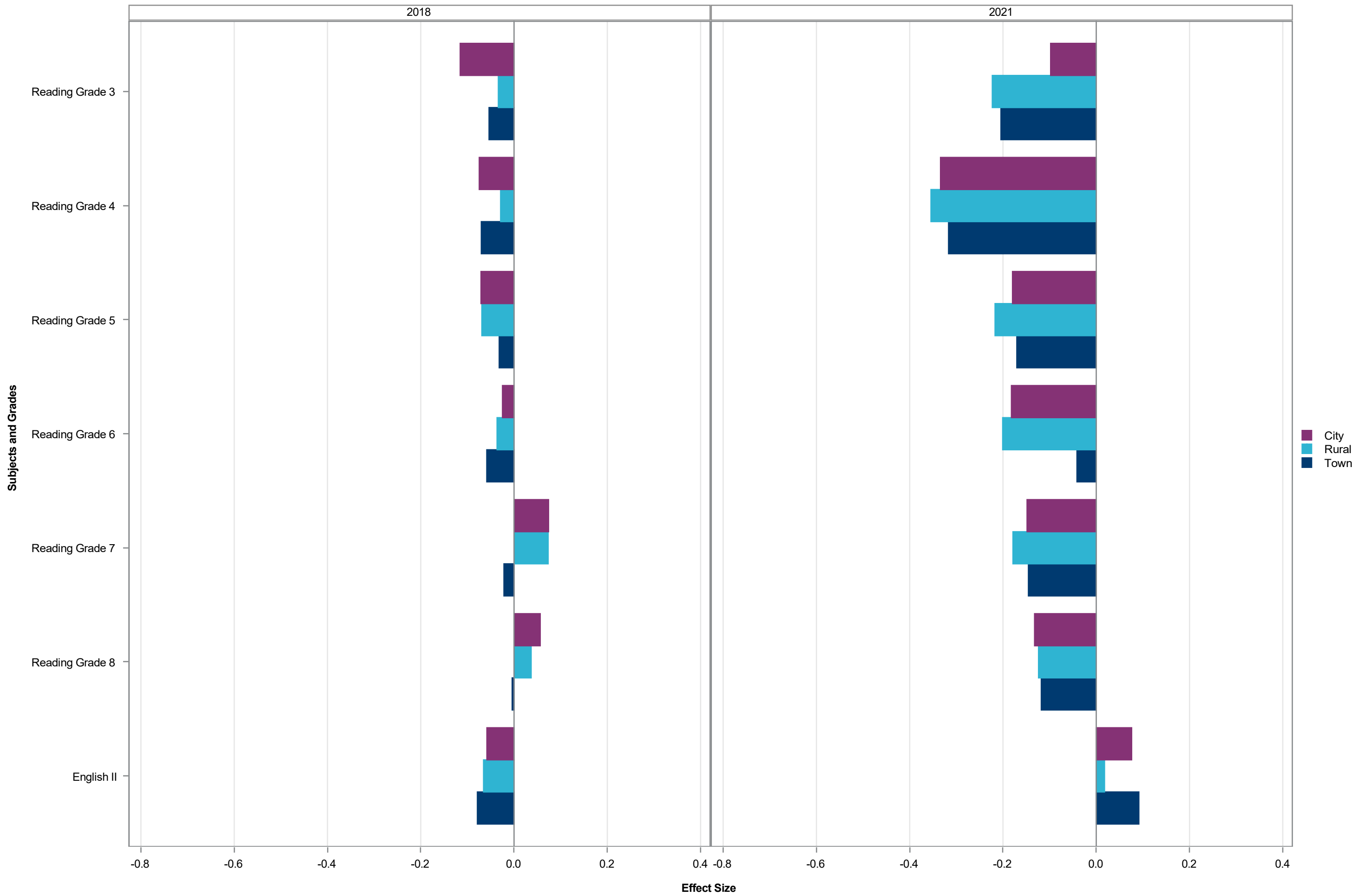
# Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Sandhills-Y



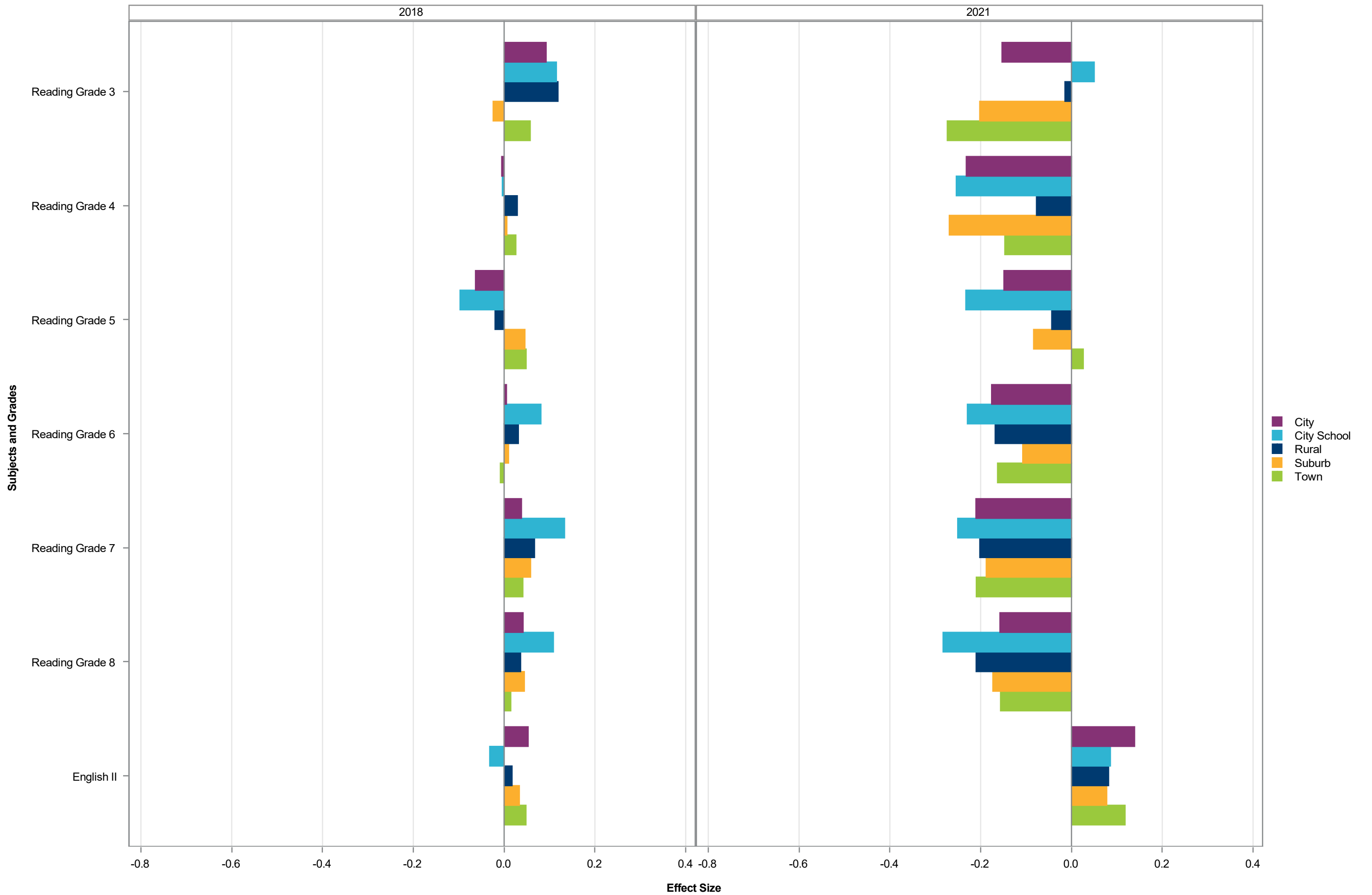
# Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Southeast-N



# Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Southeast-Y

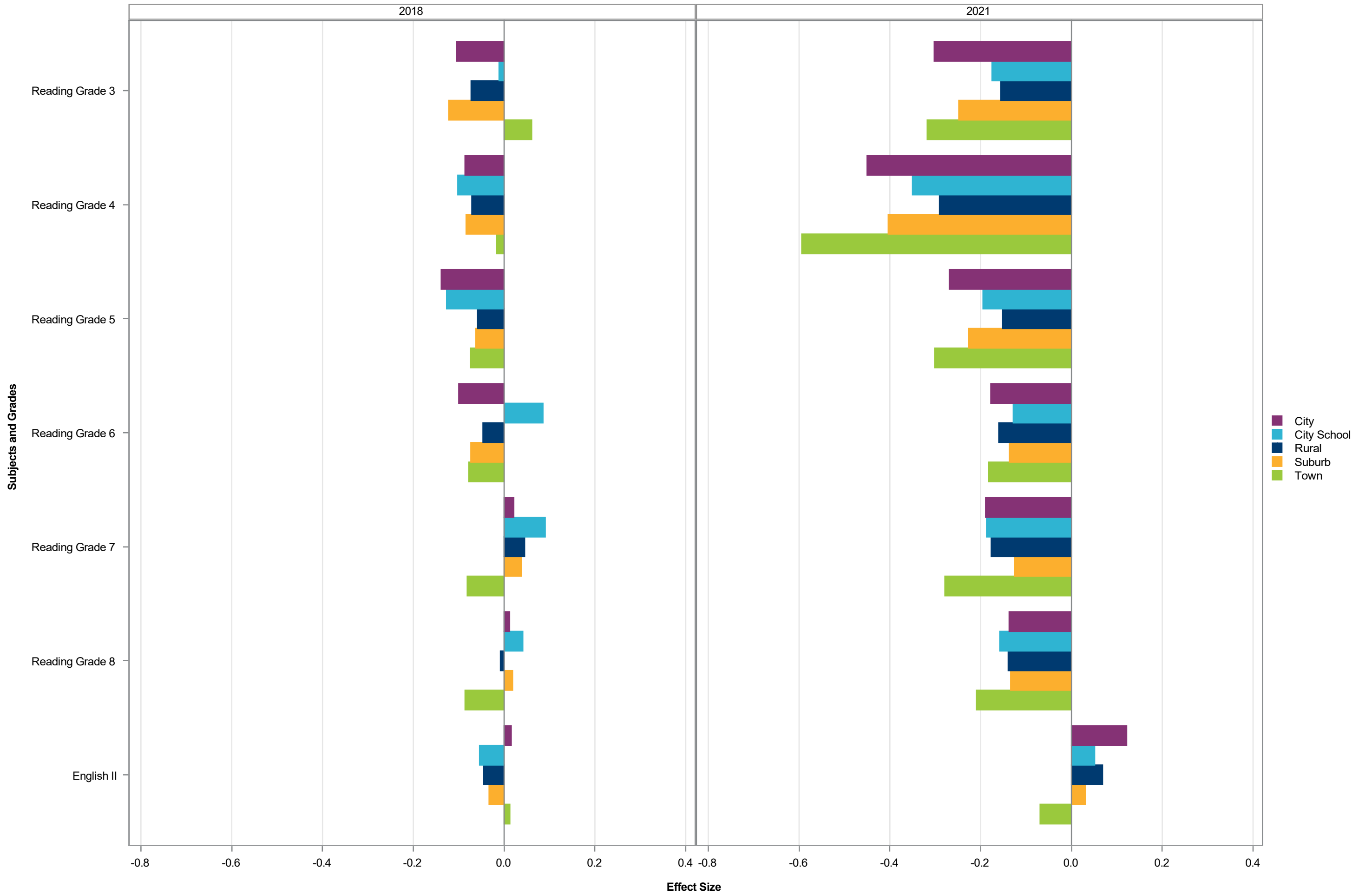


# Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Southwest-N

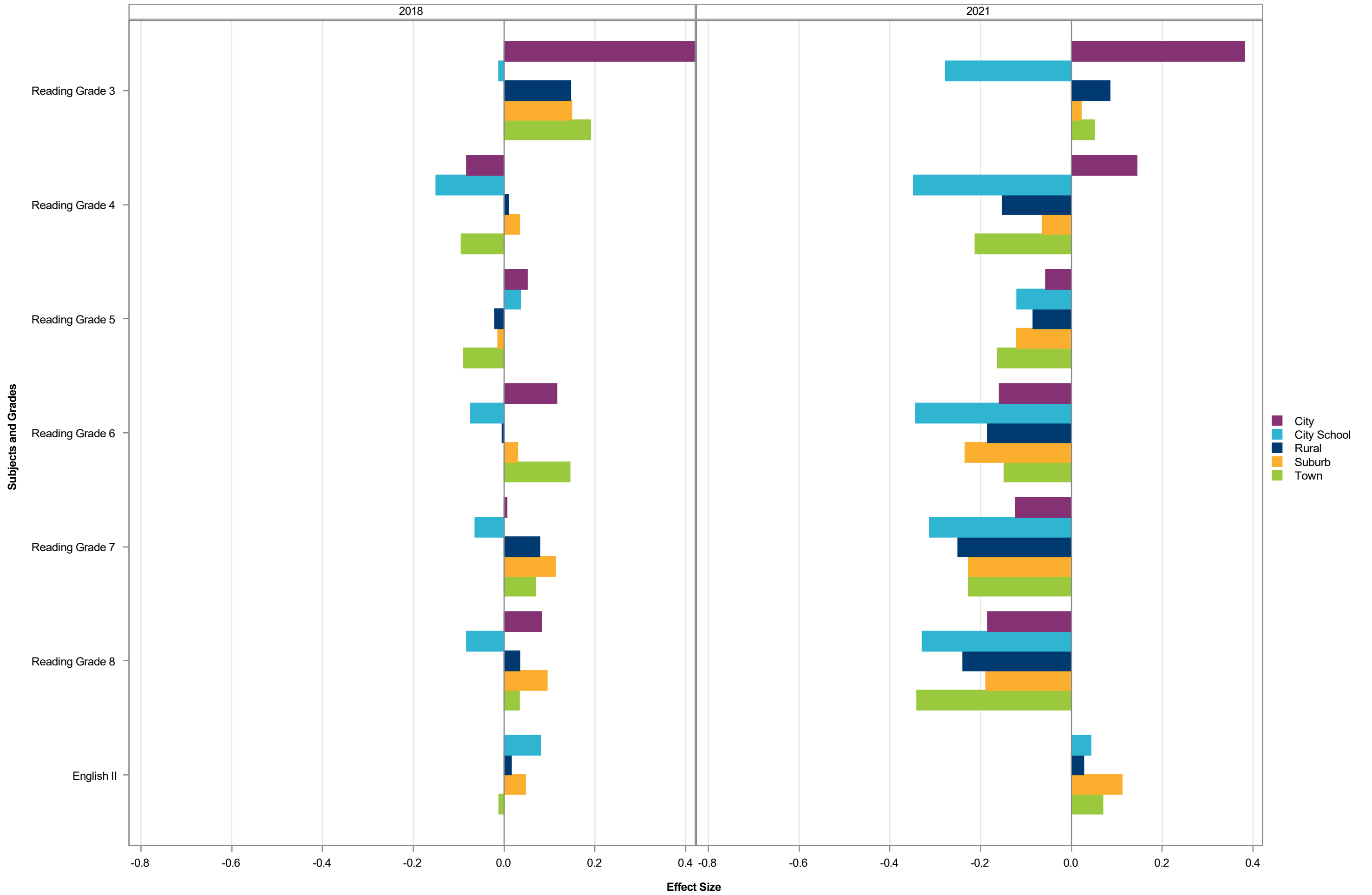




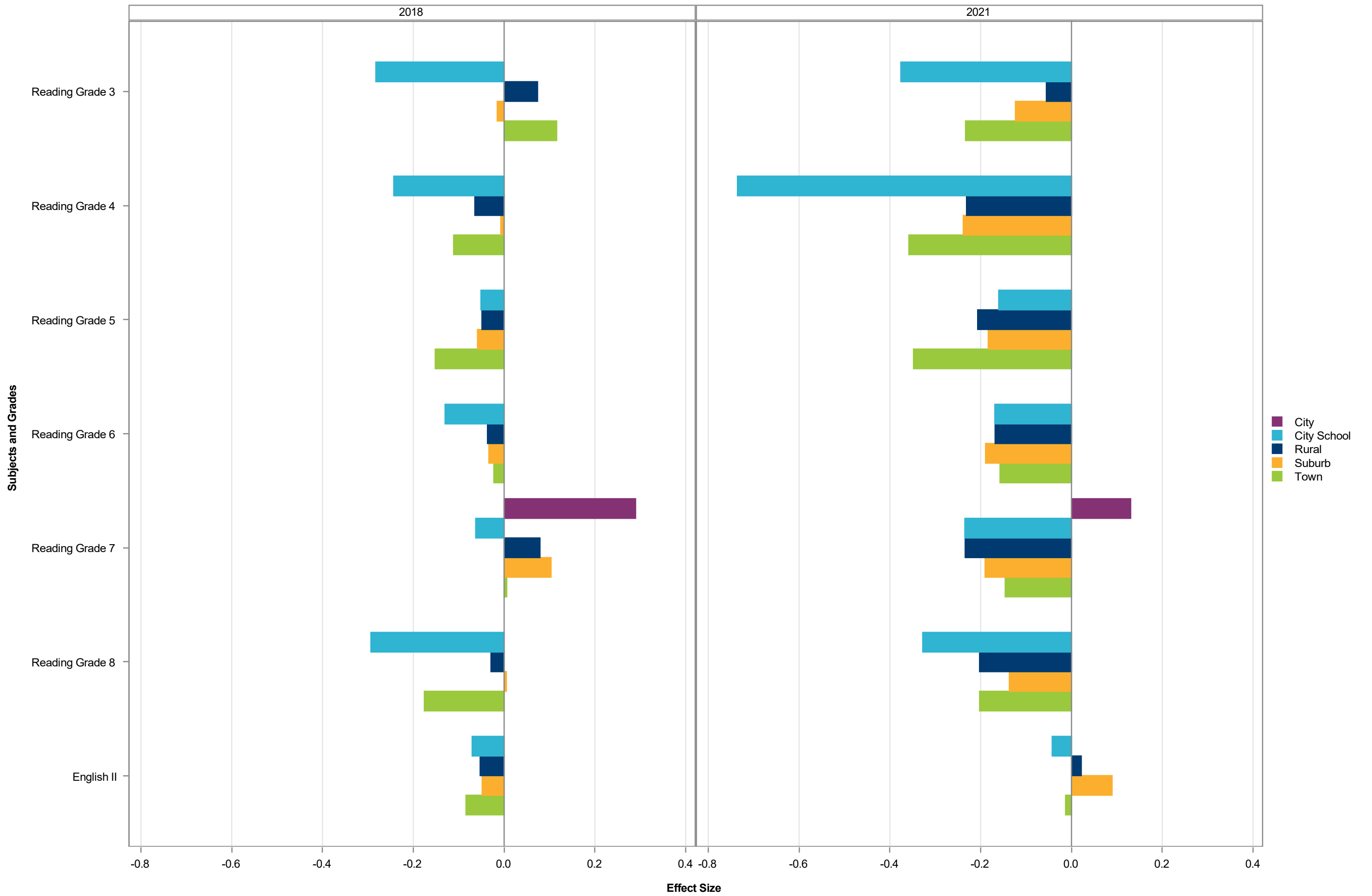
# Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Southwest-Y



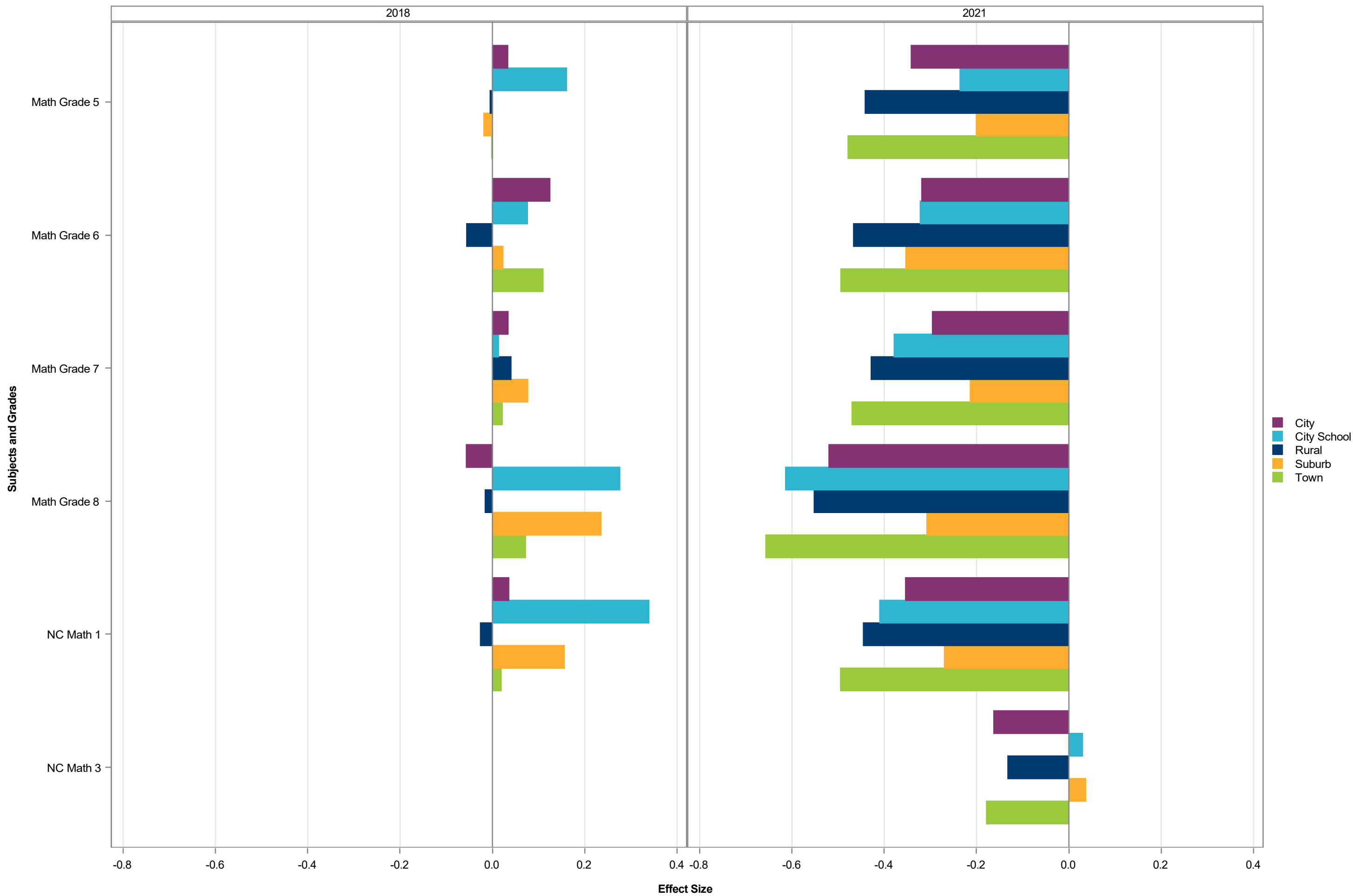
# Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Western-N



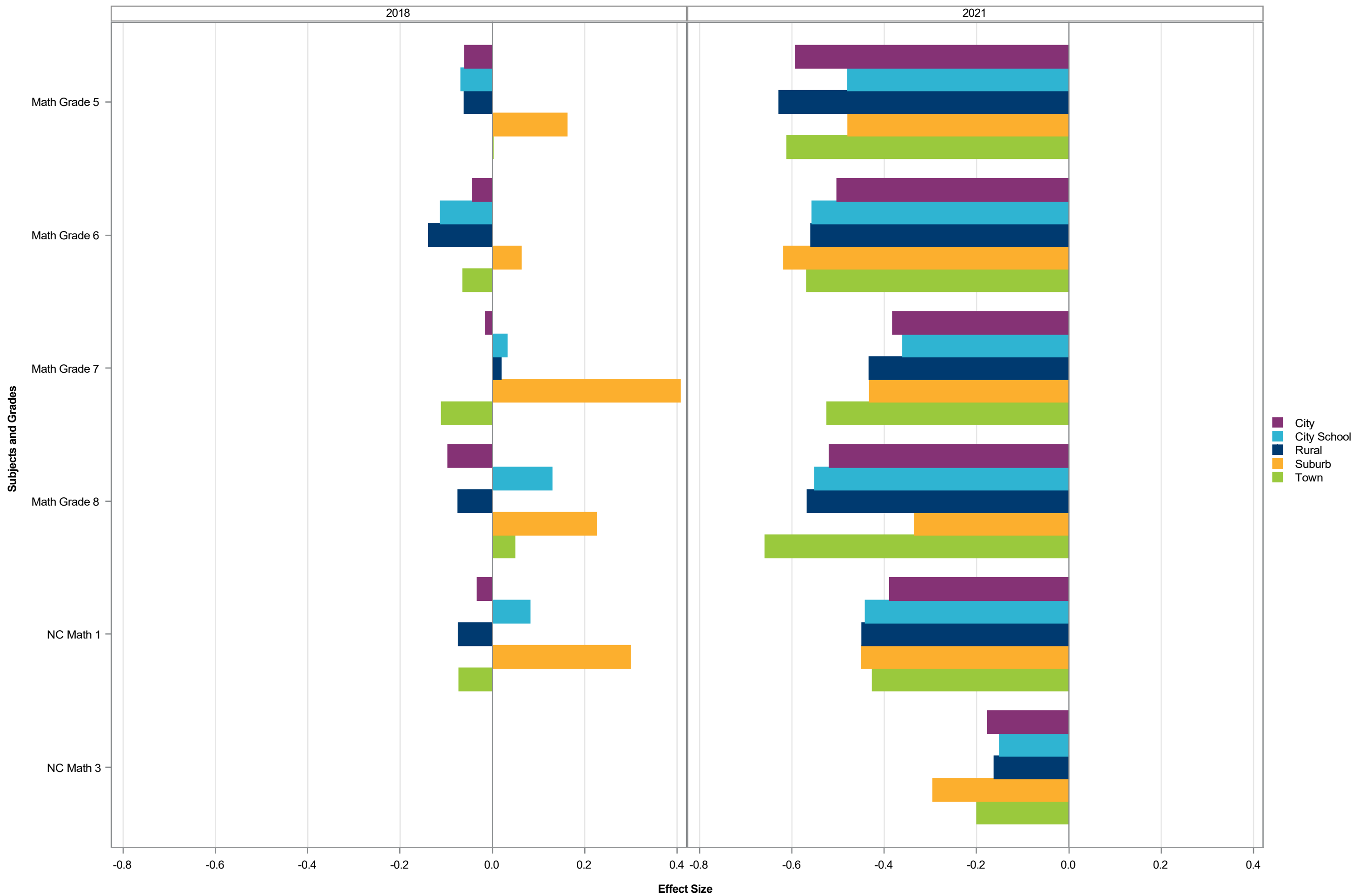
Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Western-Y



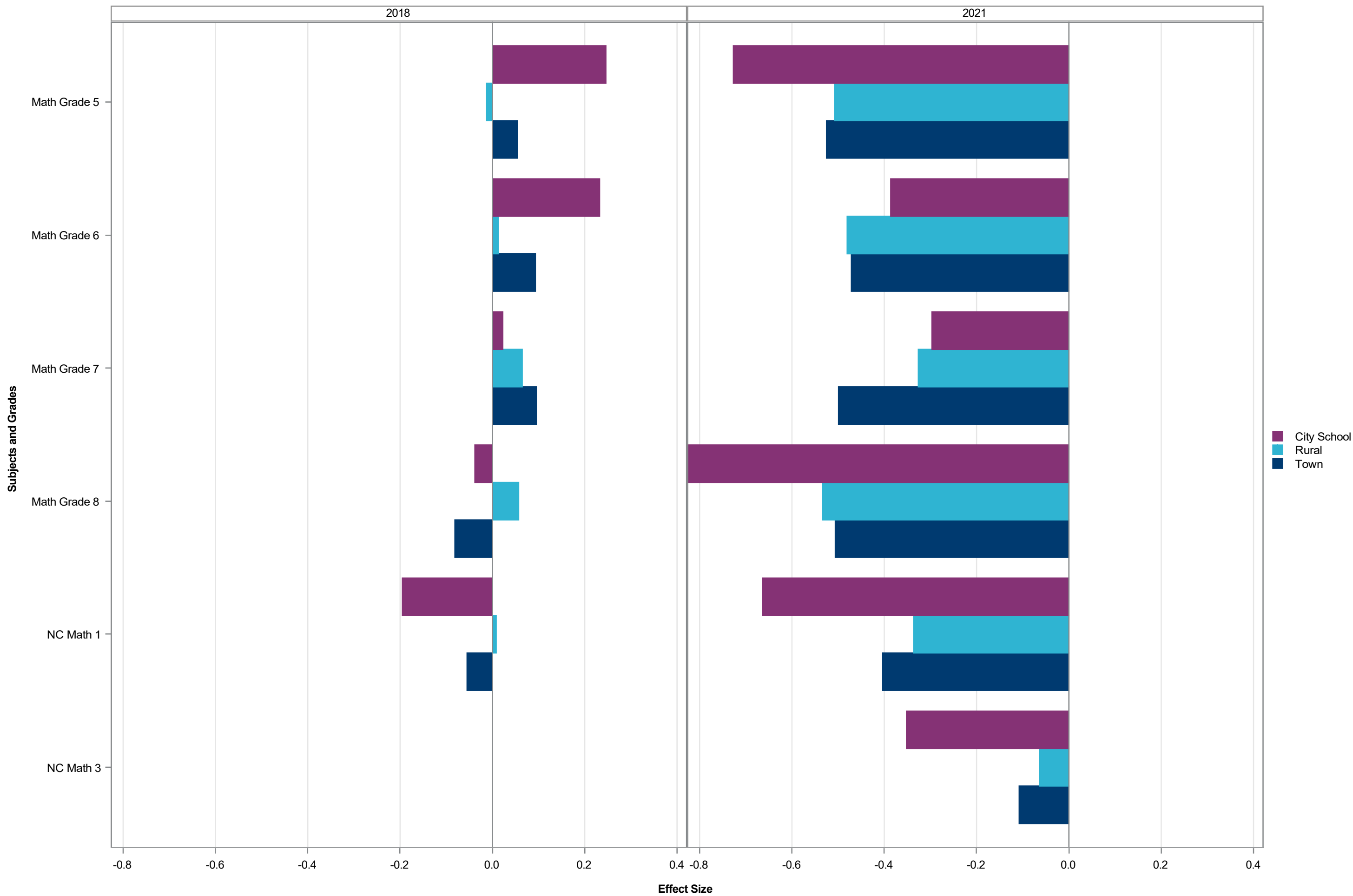
# Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - North Central-N



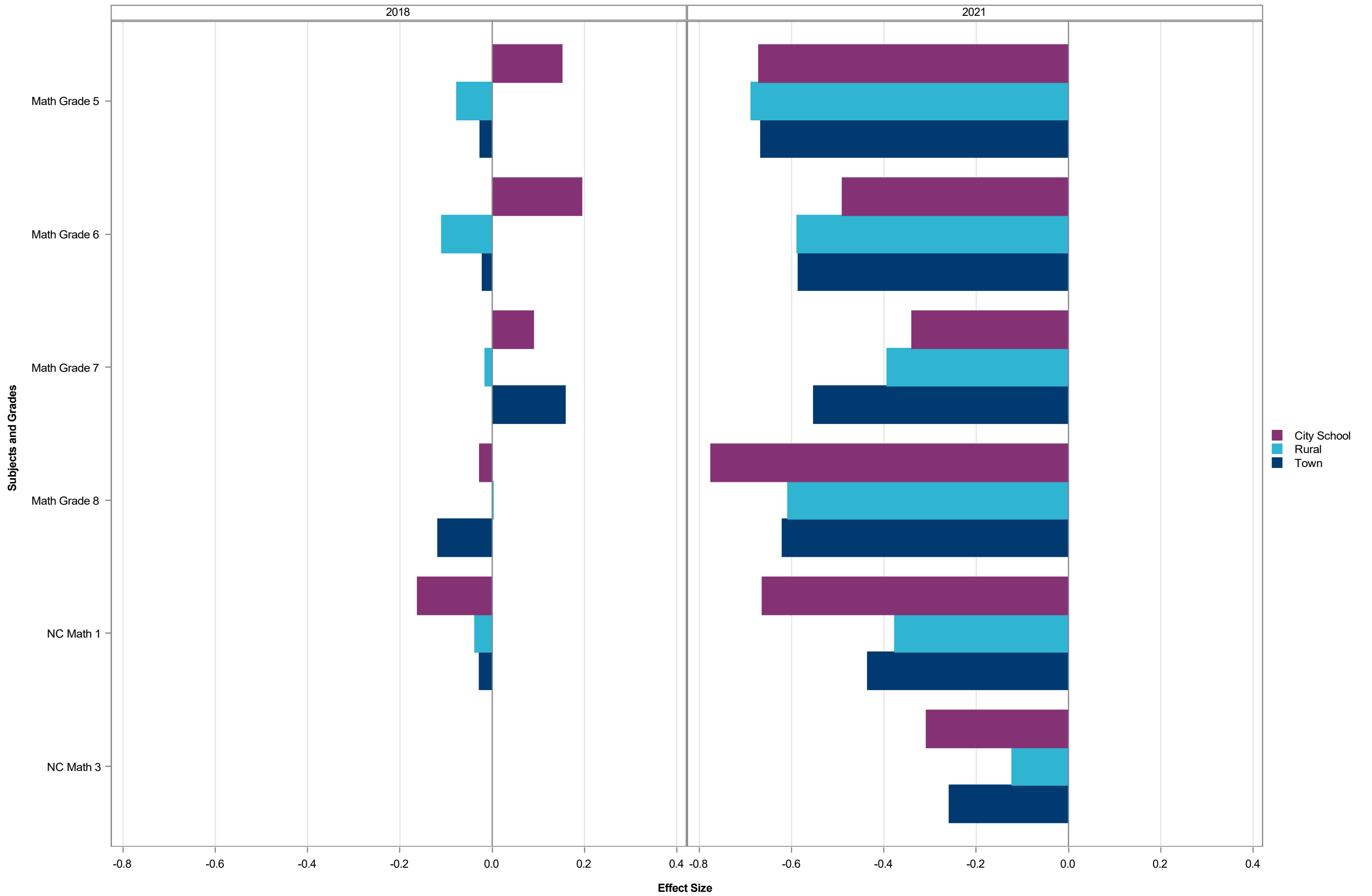
# Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - North Central-Y



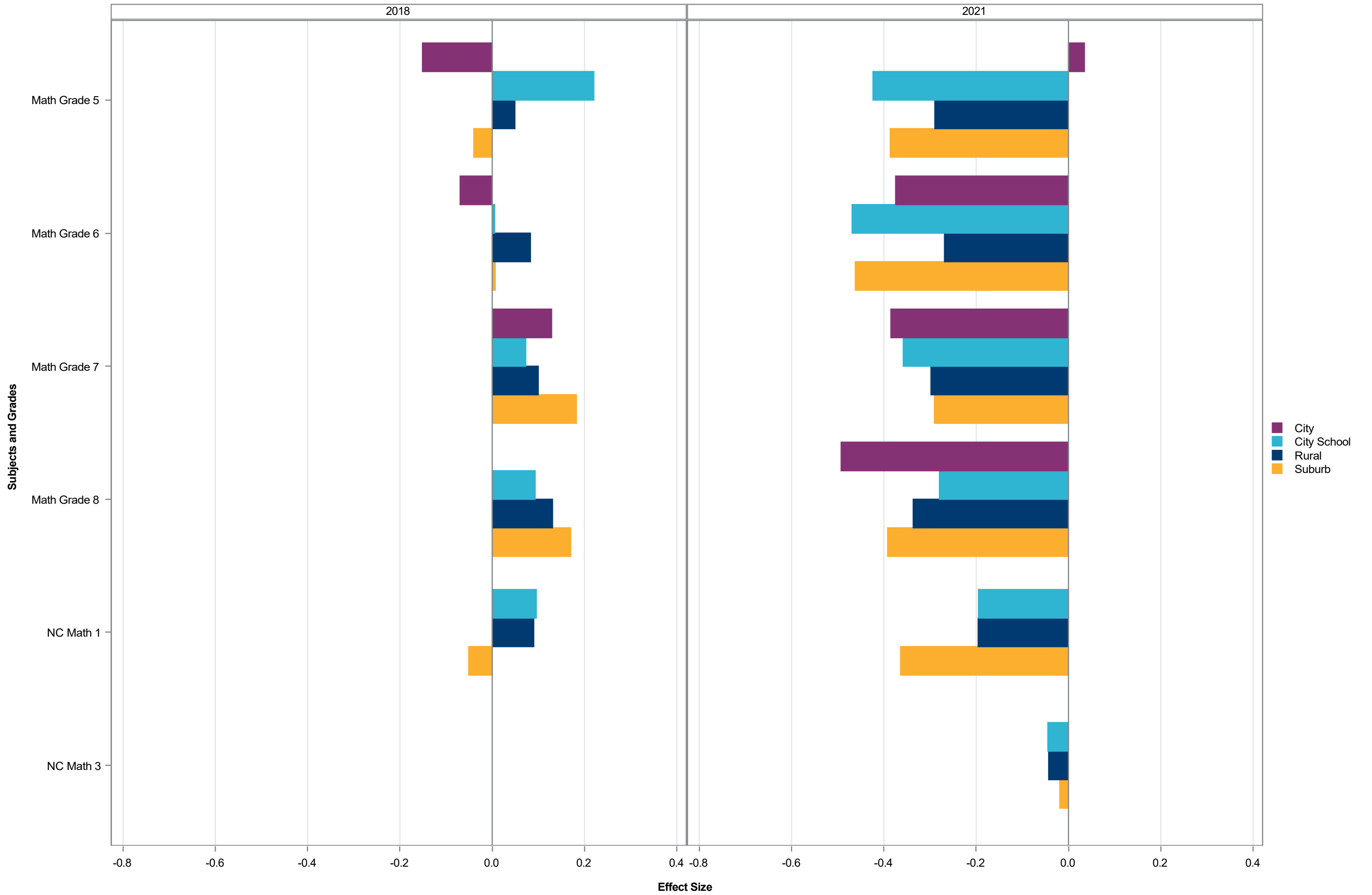
Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Northeast-N



# Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Northeast-Y

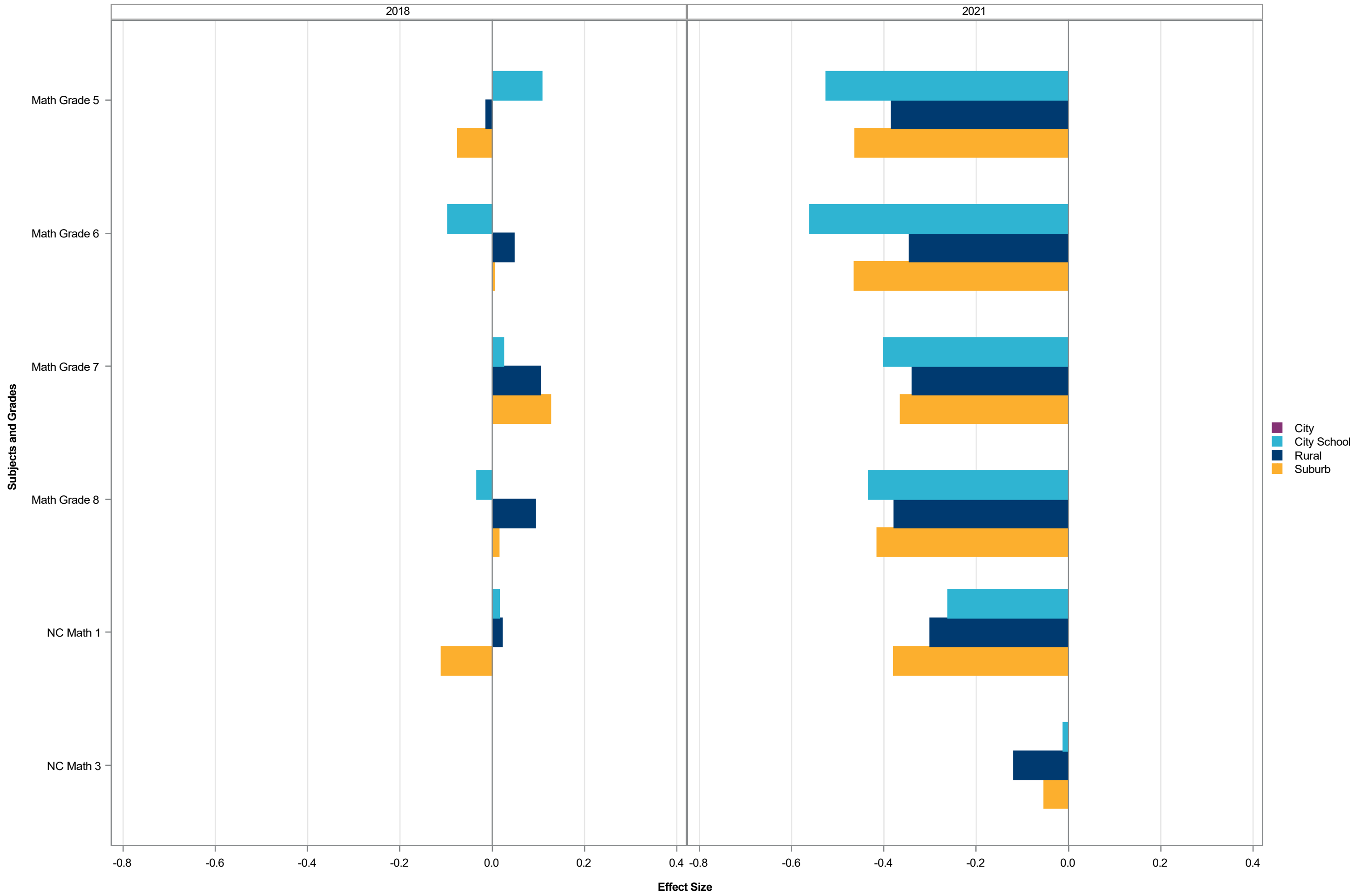


Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Northwest-N

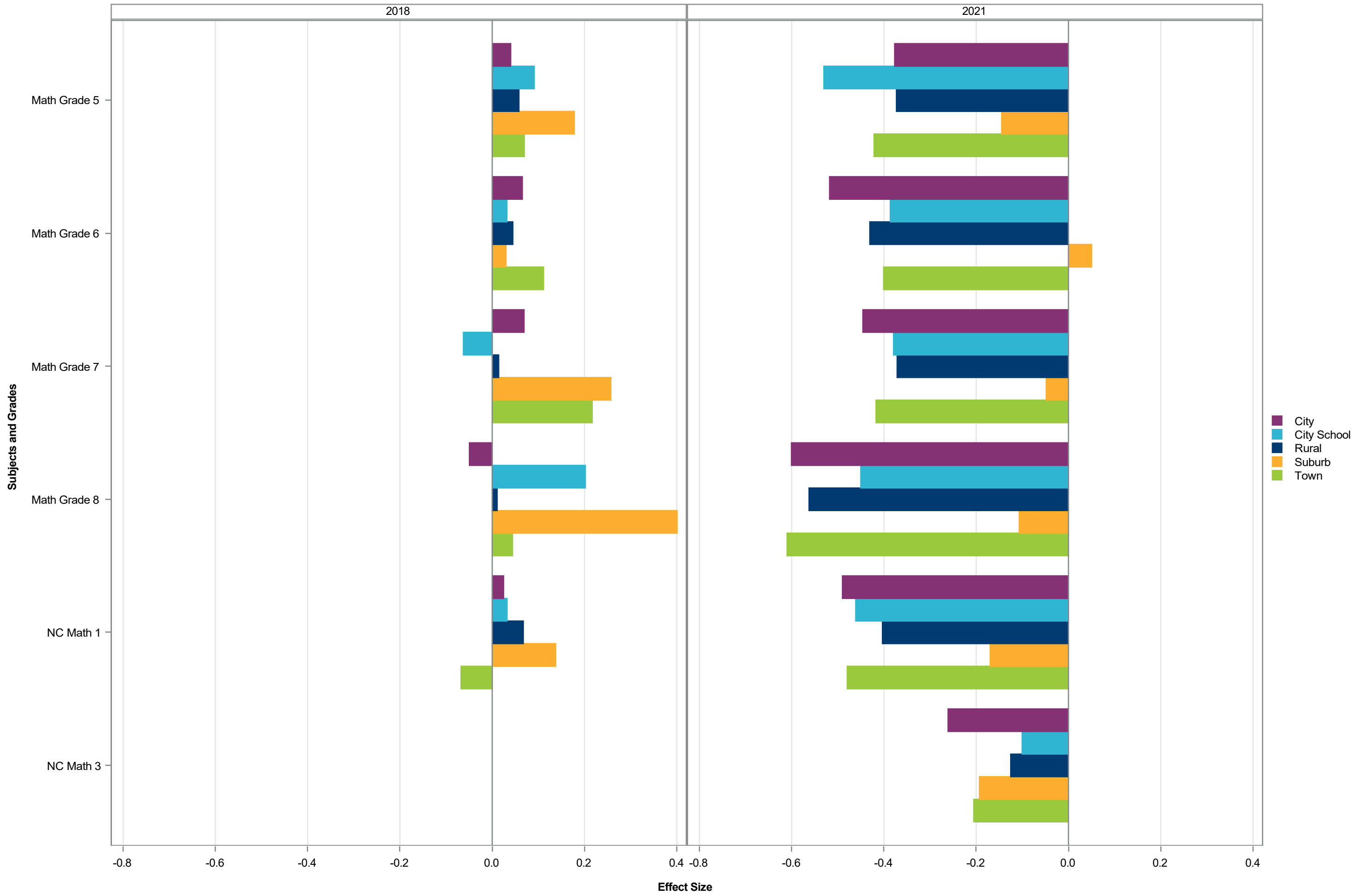




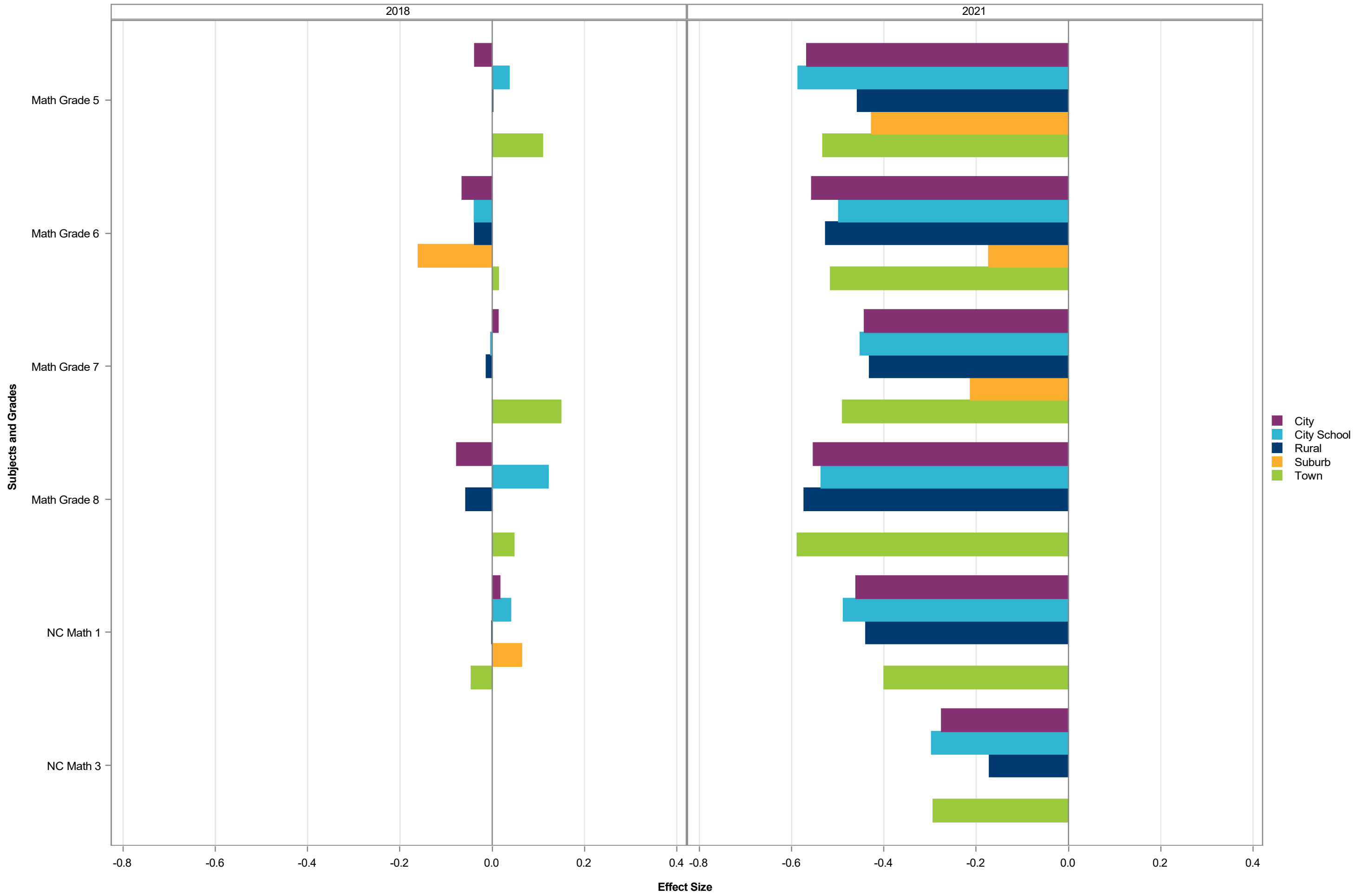
# Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Northwest-Y



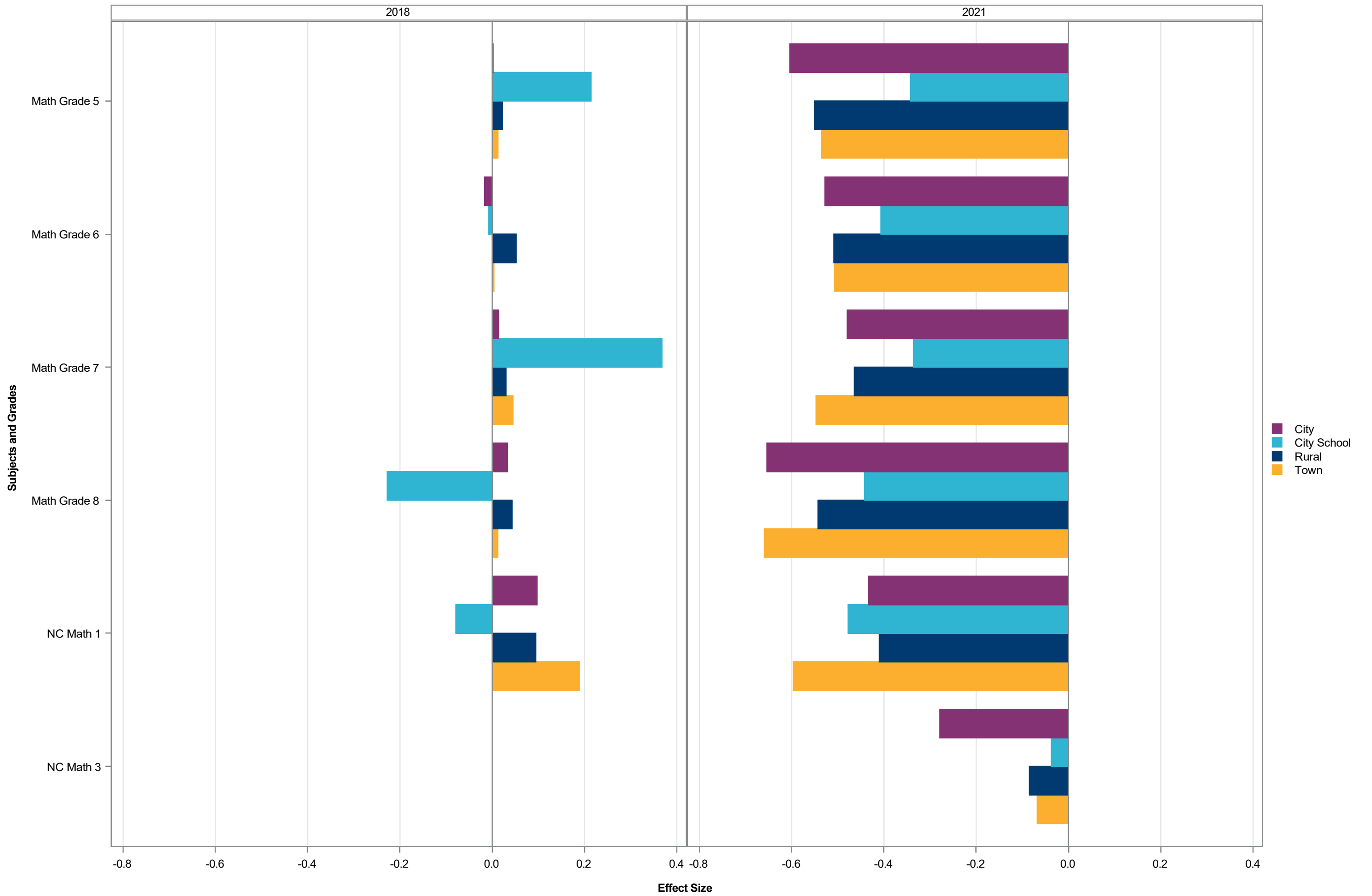
Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Piedmont Triad-N



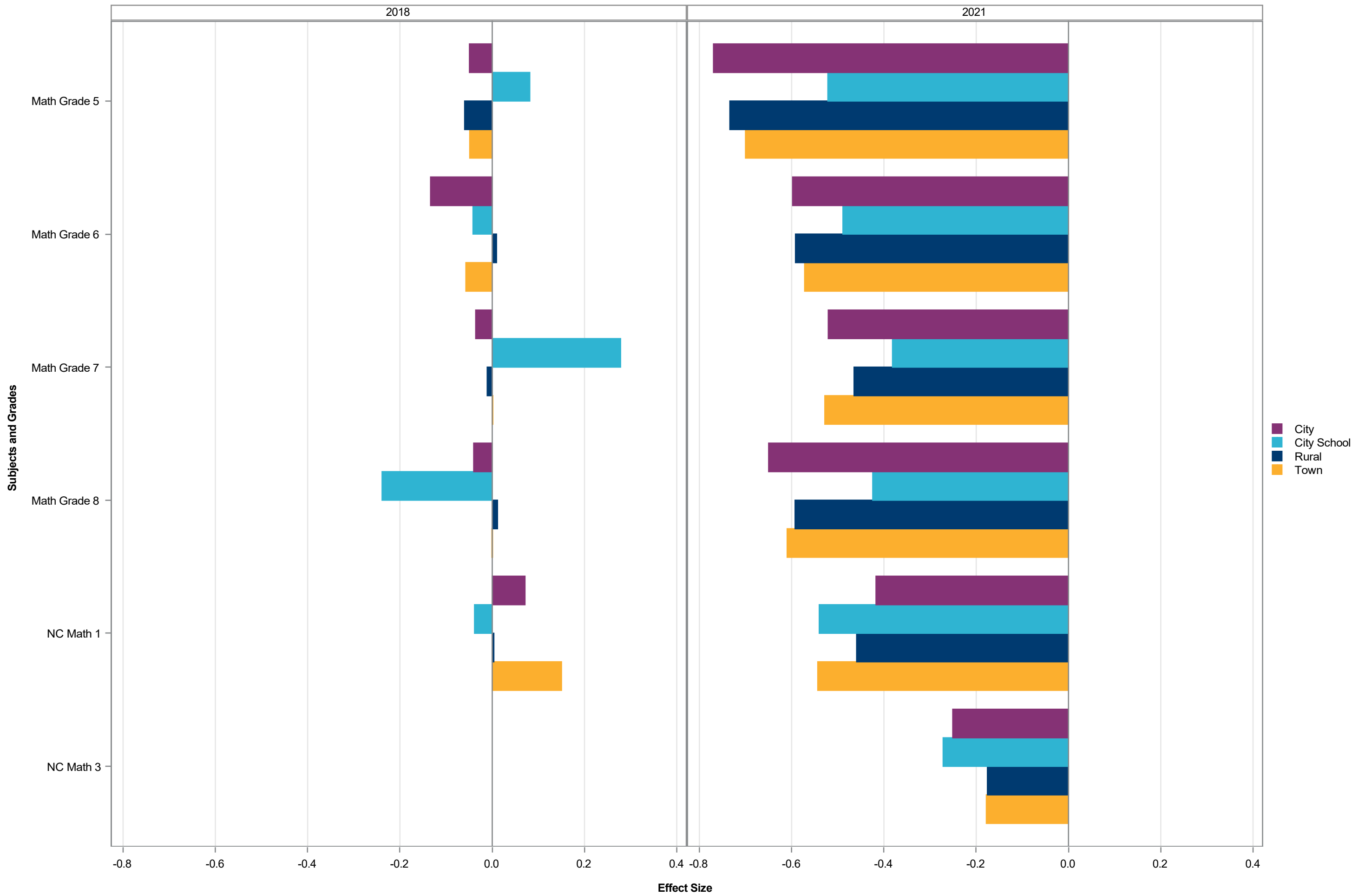
Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Piedmont Triad-Y



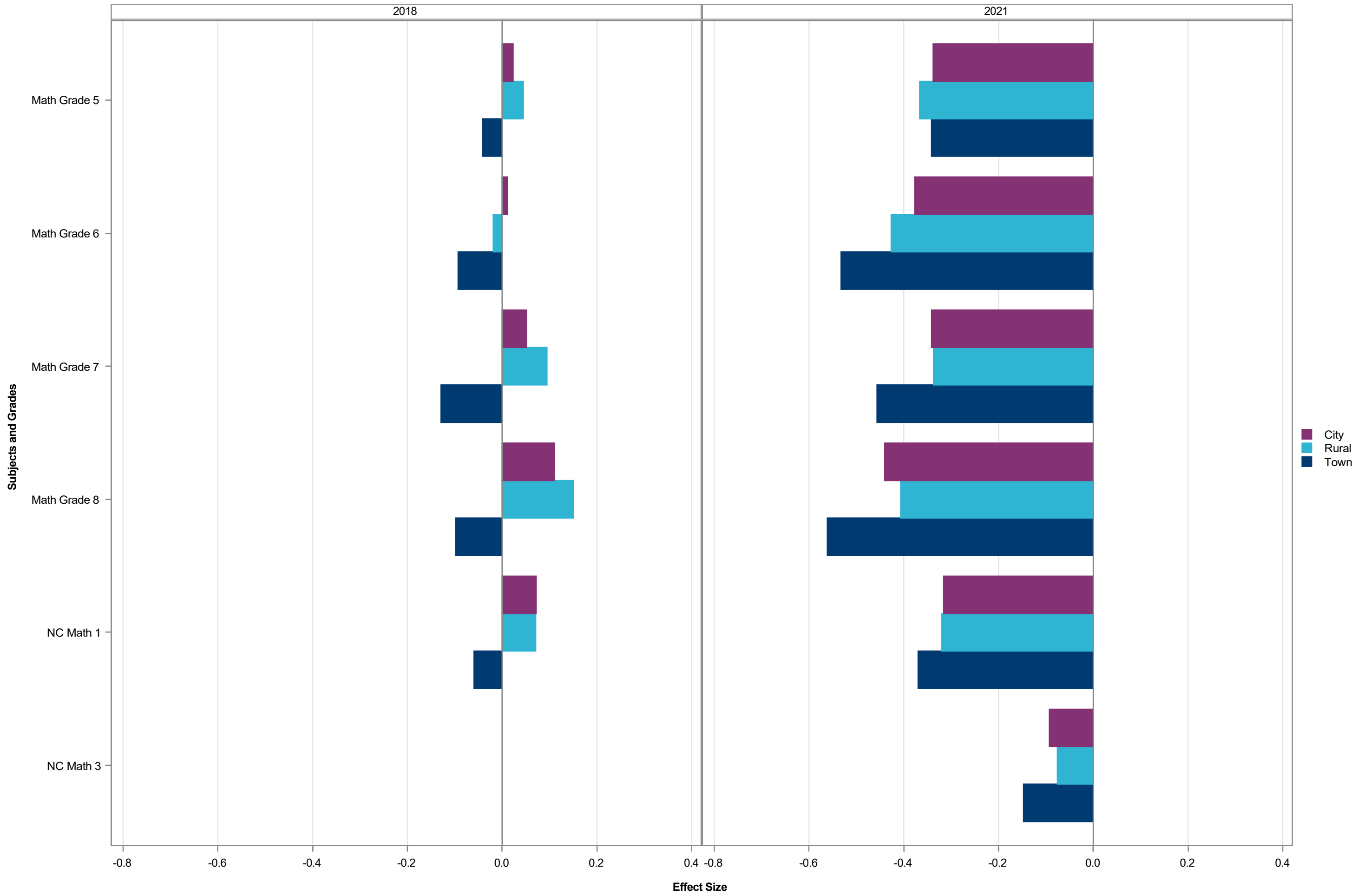
# Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Sandhills-N



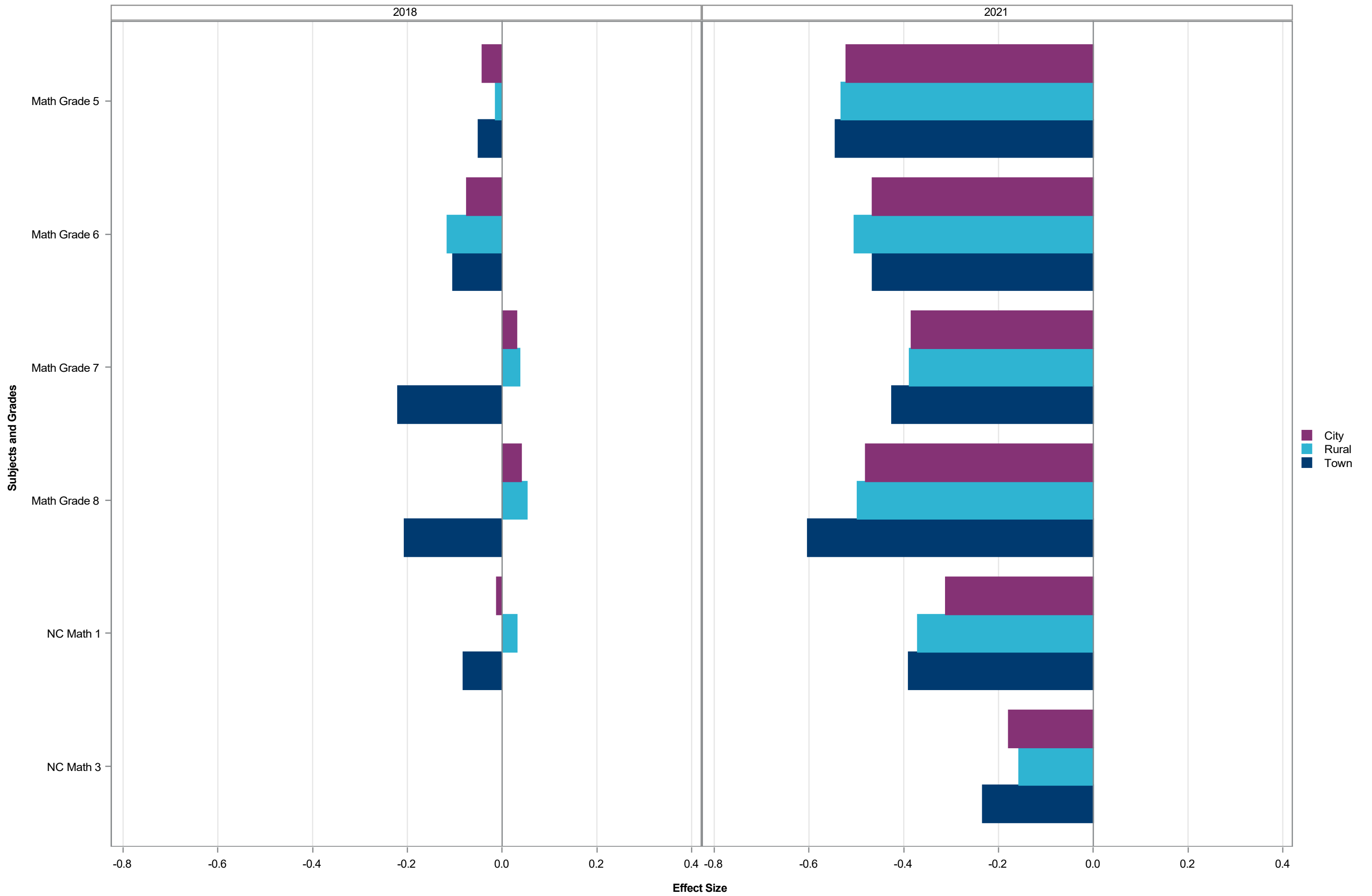
# Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Sandhills-Y



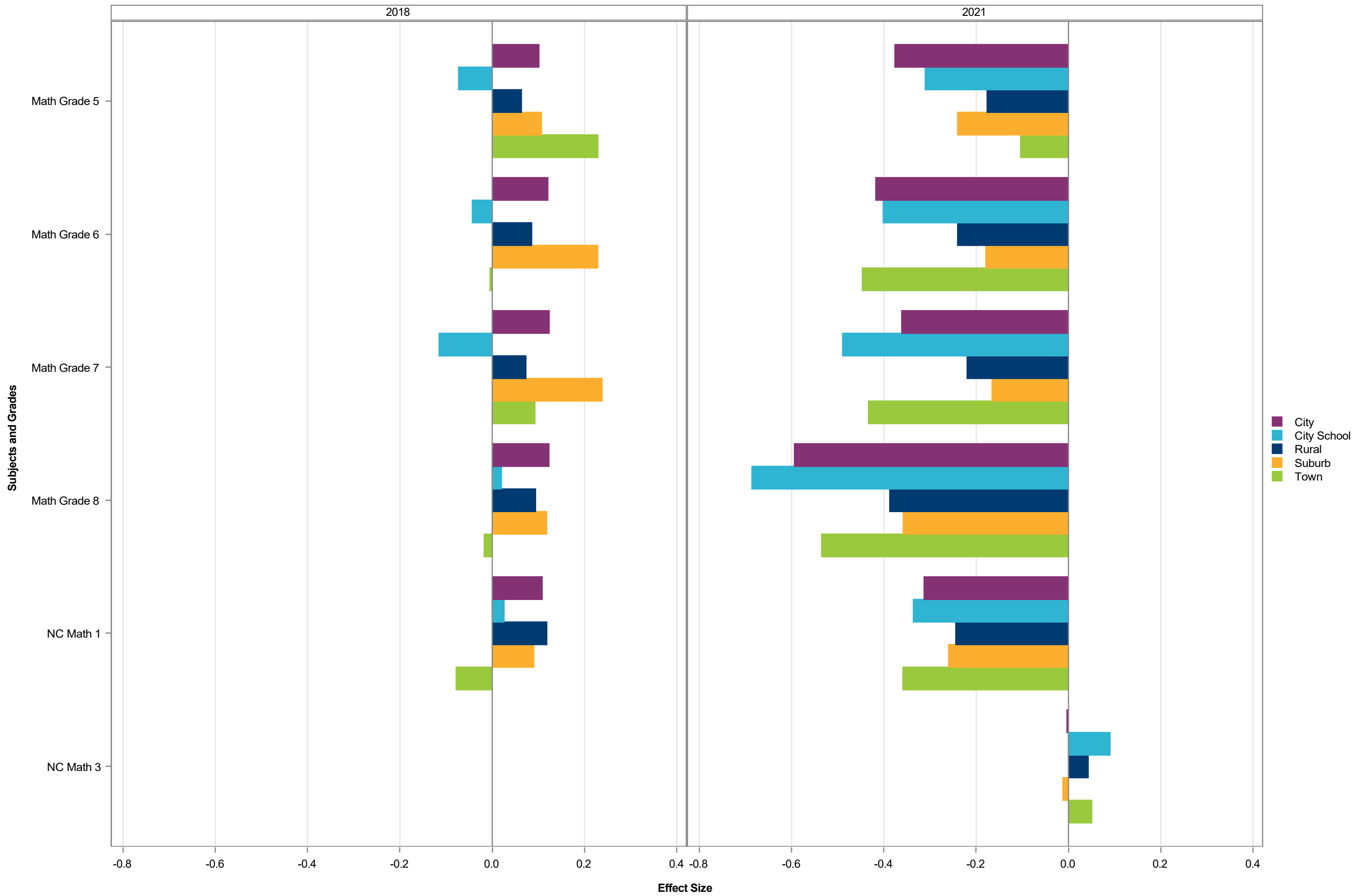
Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Southeast-N



Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Southeast-Y

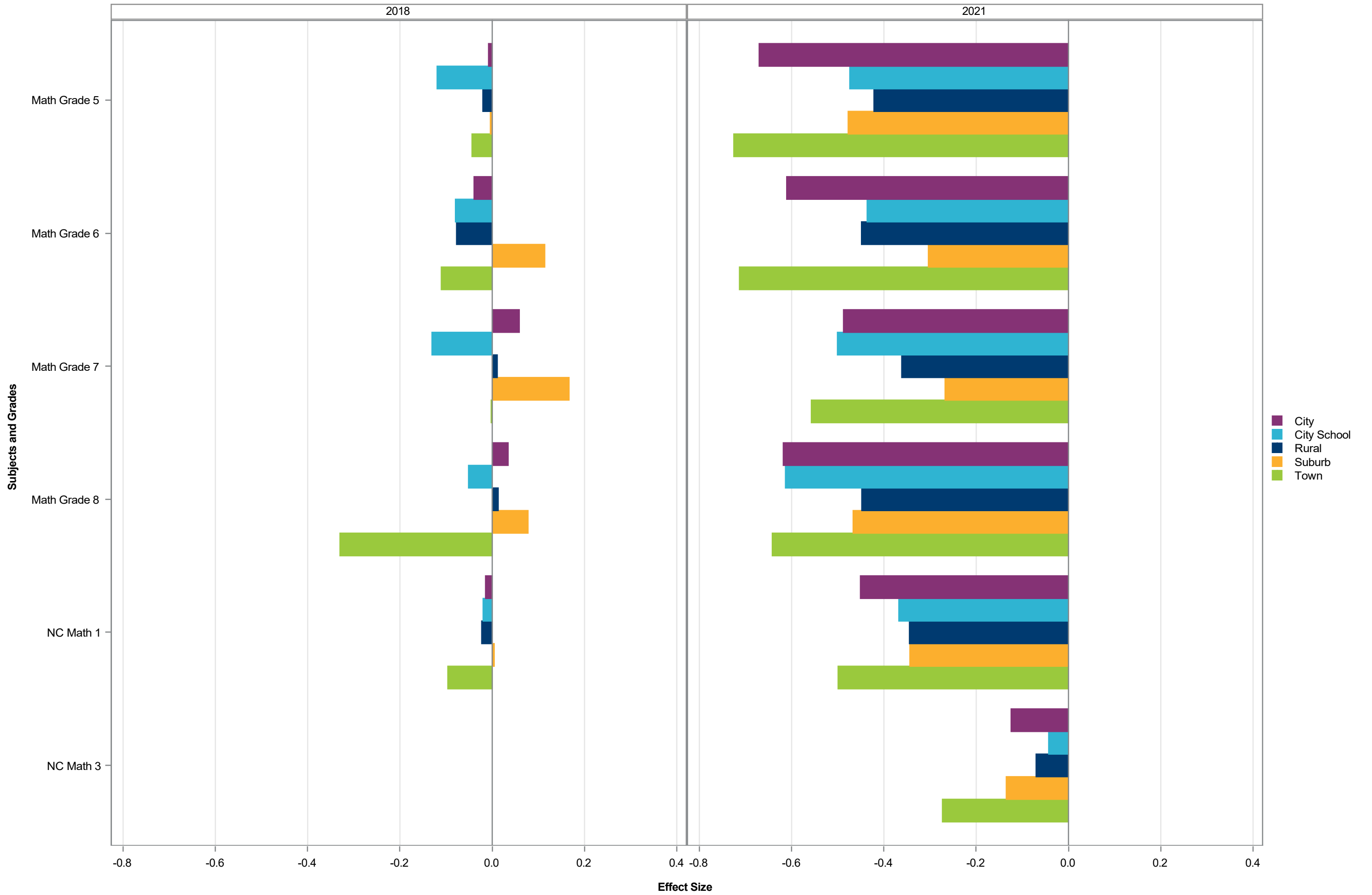


Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Southwest-N

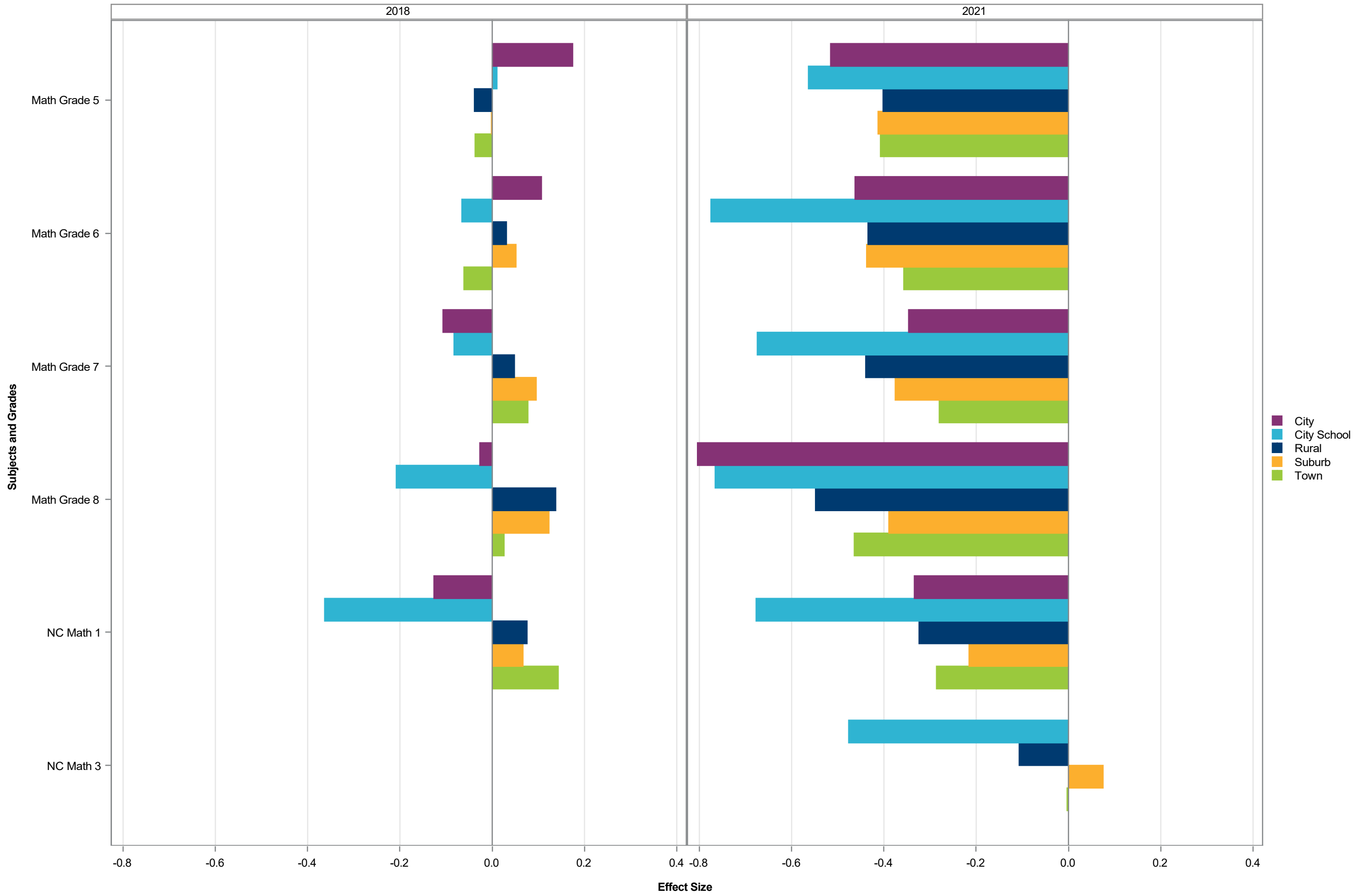




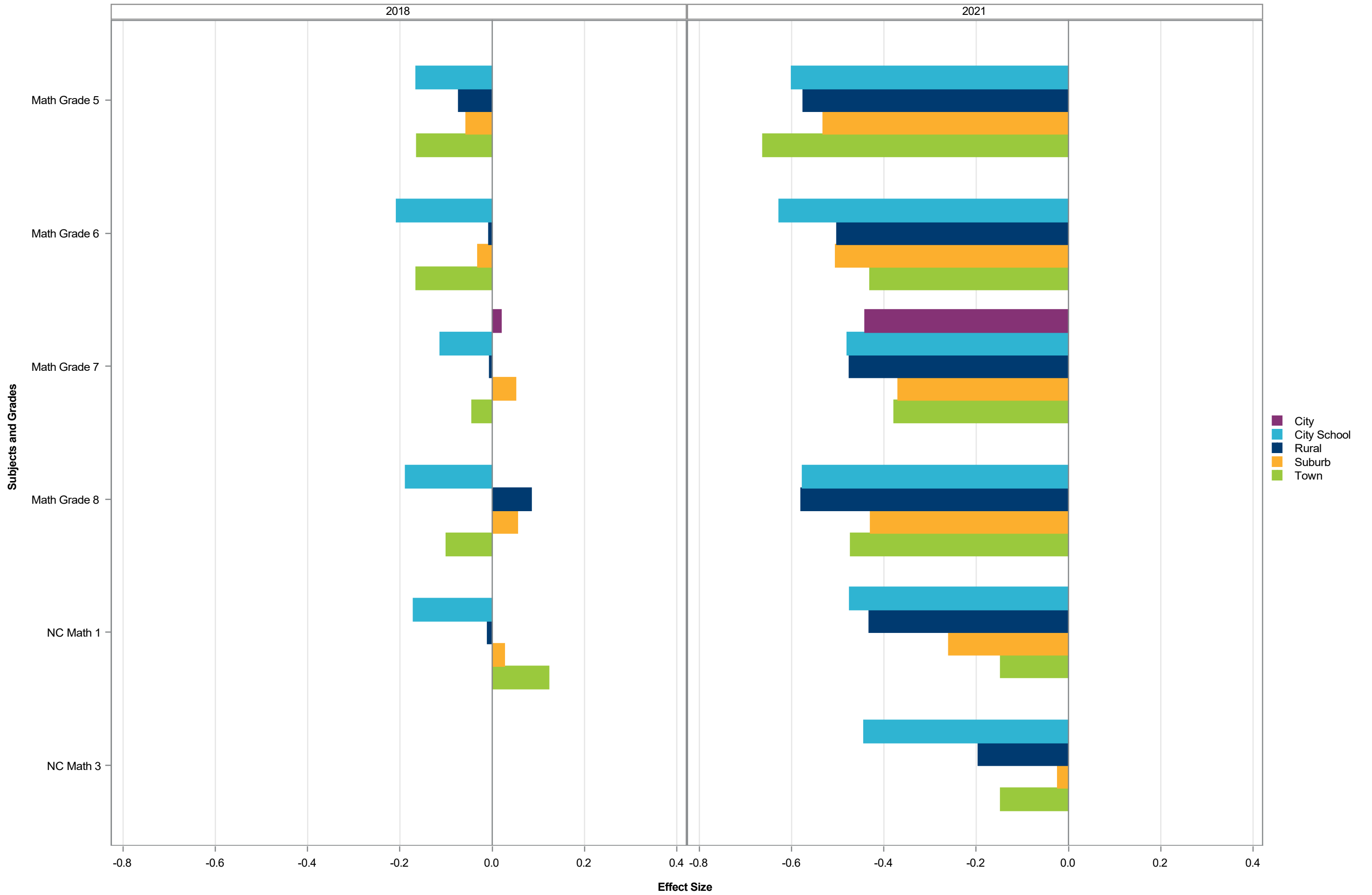
Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Southwest-Y



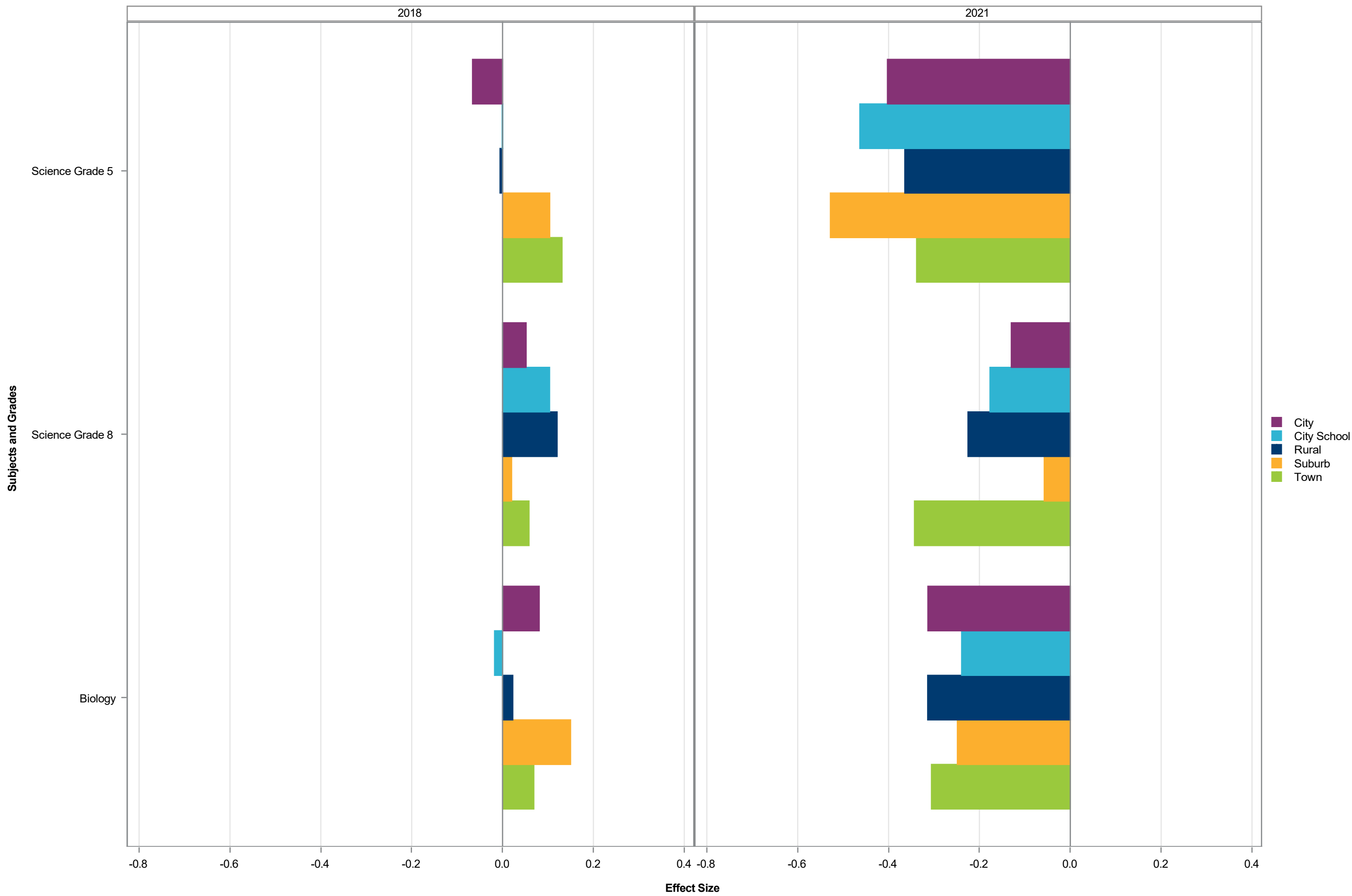
# Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Western-N



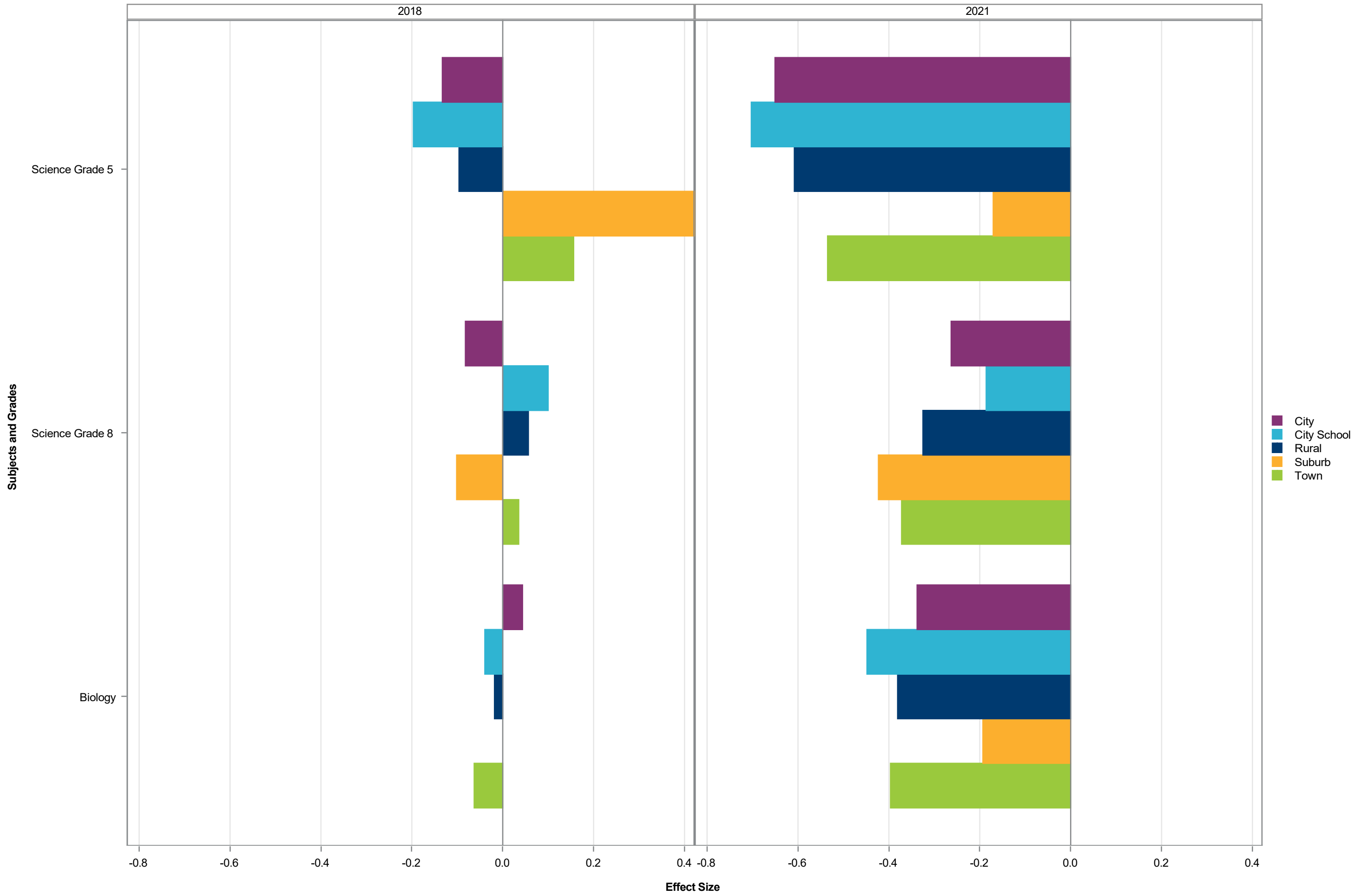
Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Western-Y



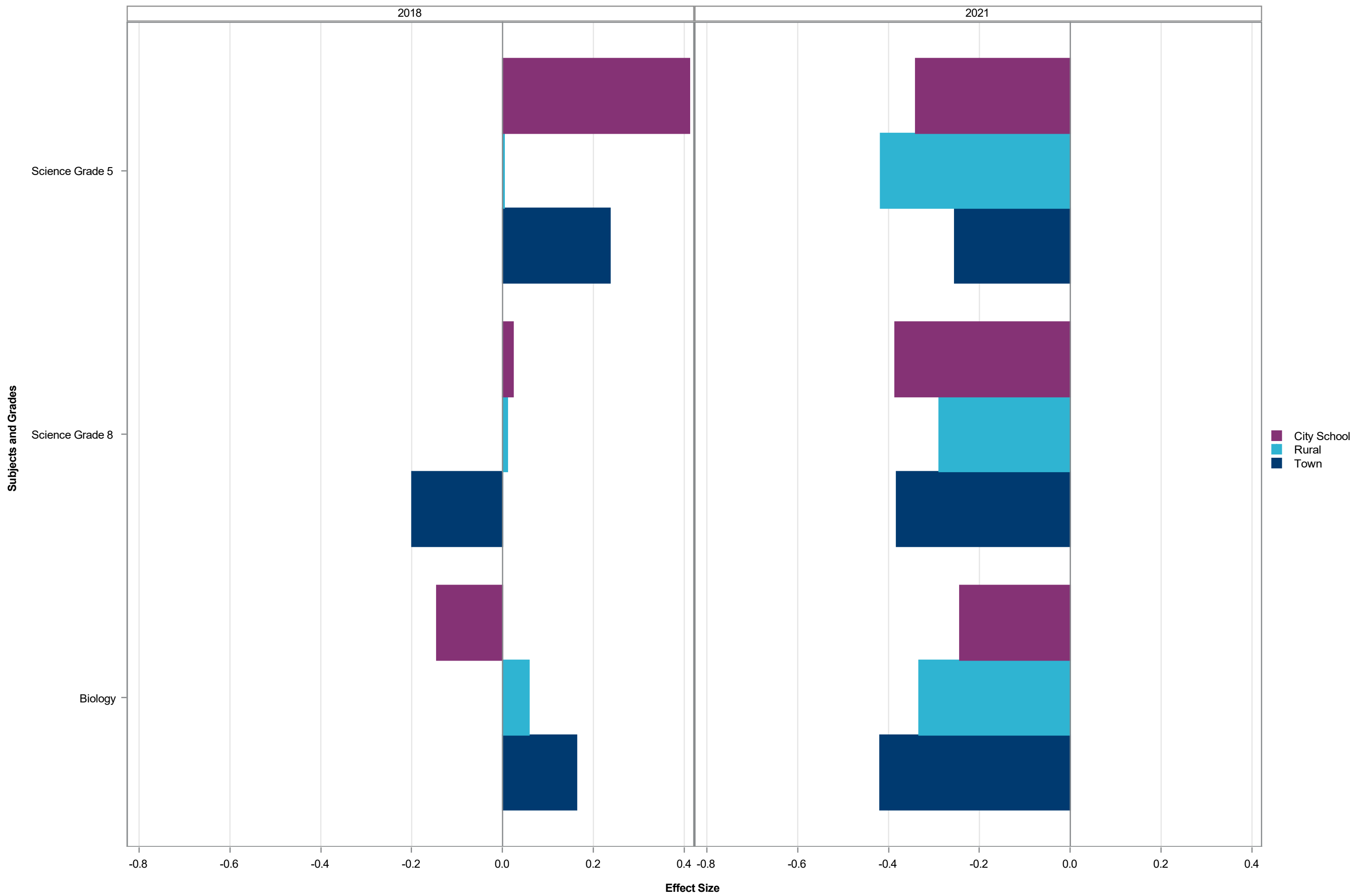
# Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - North Central-N



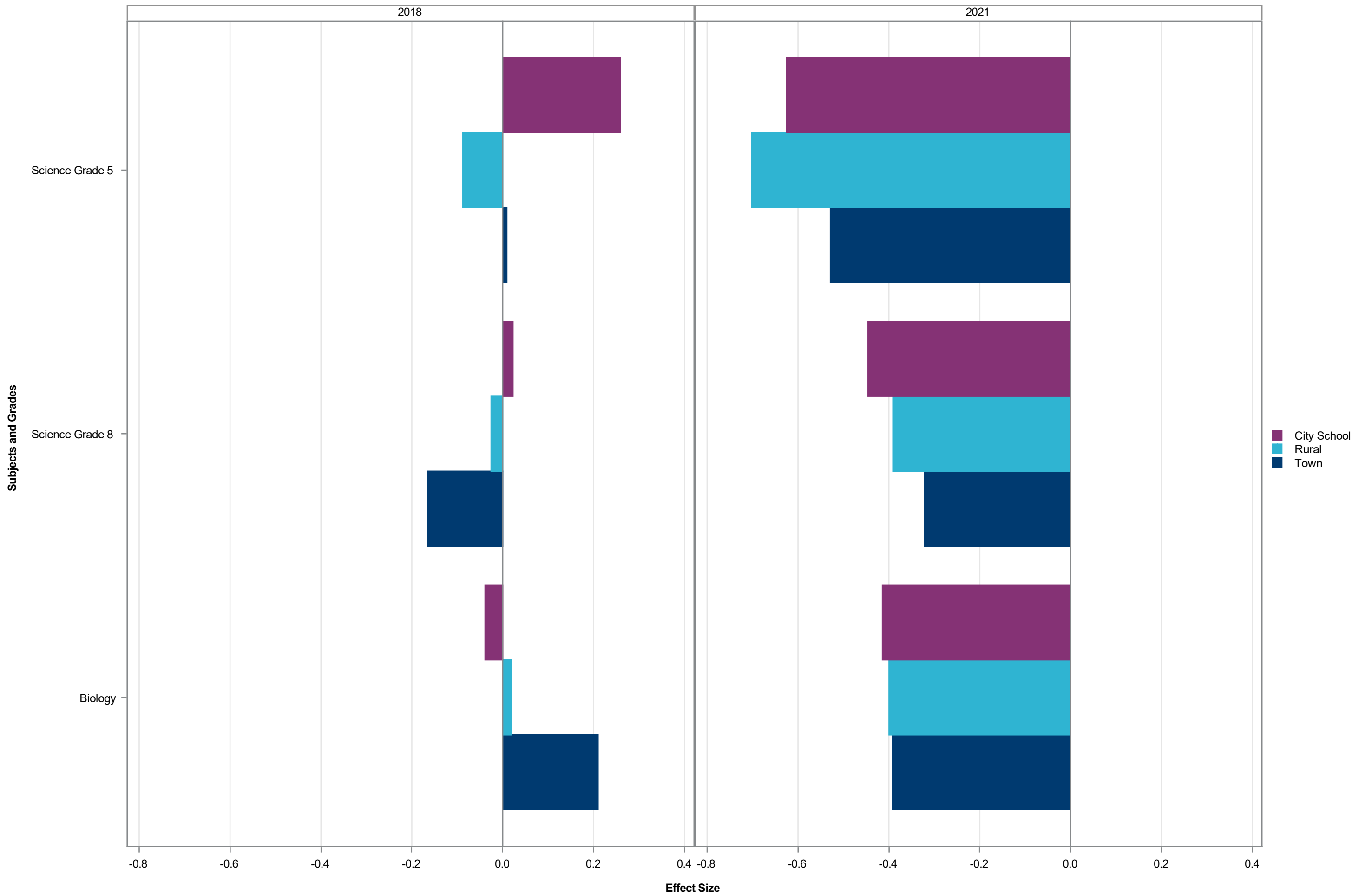
# Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - North Central-Y



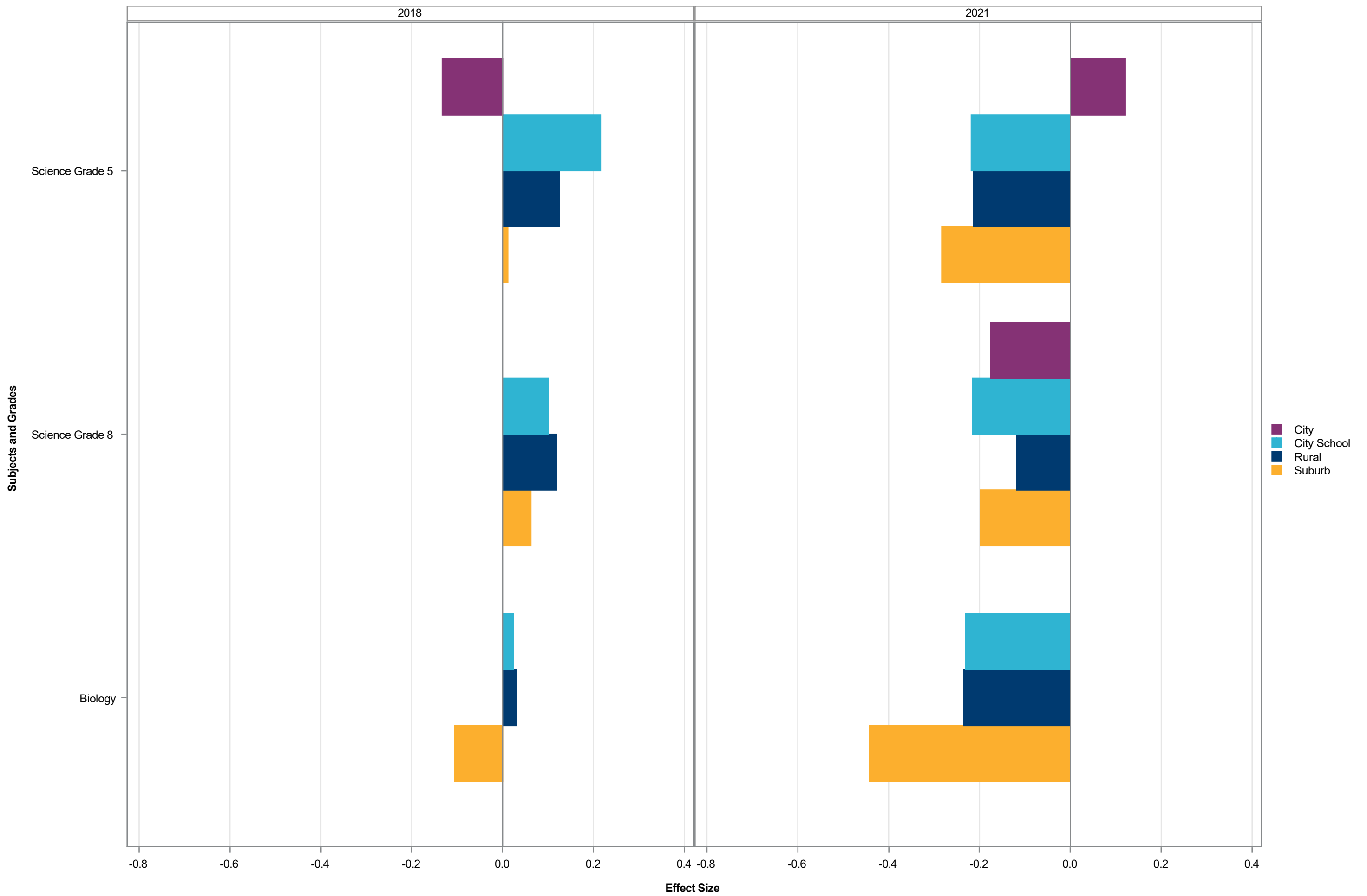
# Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Northeast-N



# Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Northeast-Y

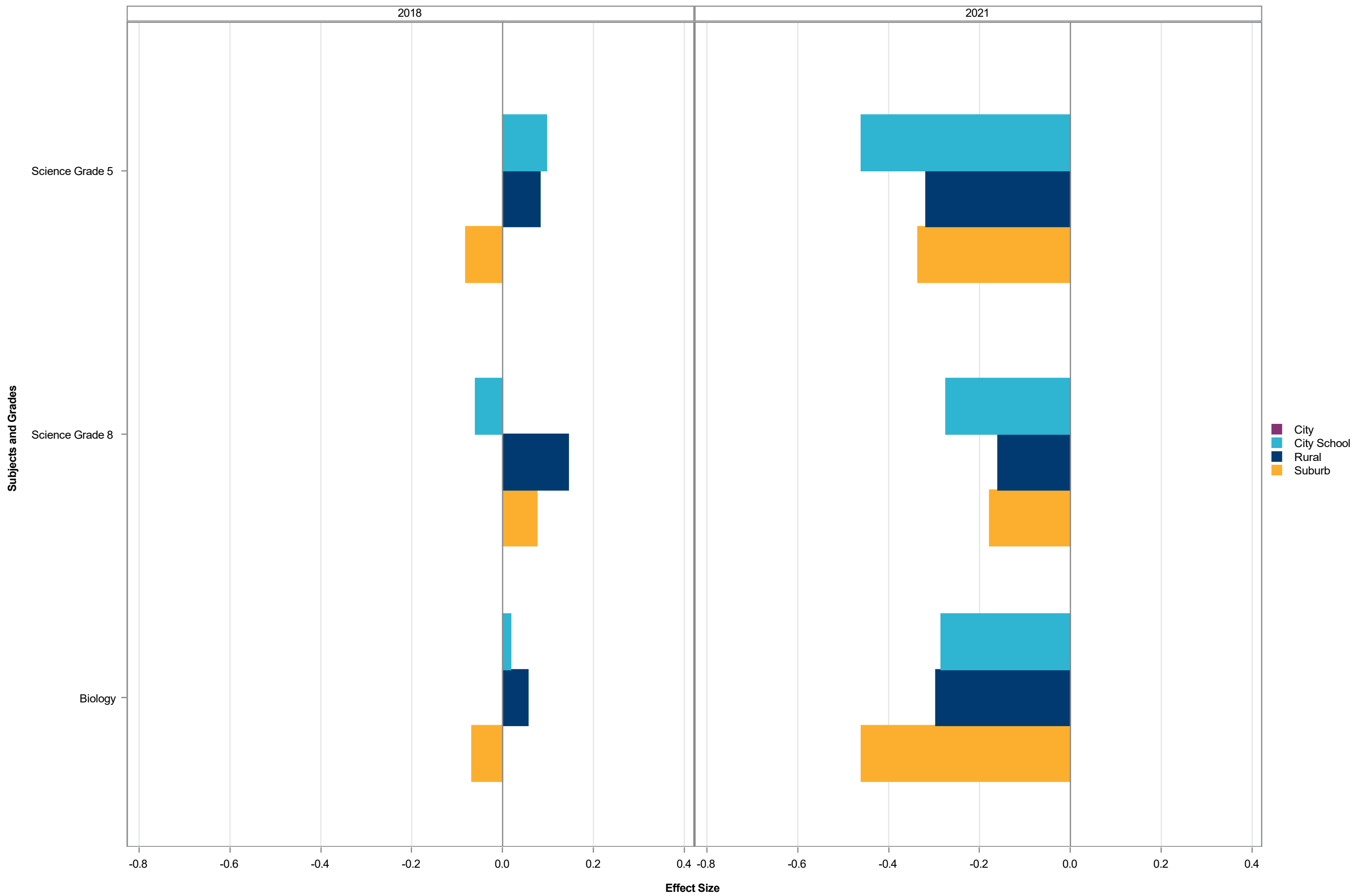


# Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Northwest-N

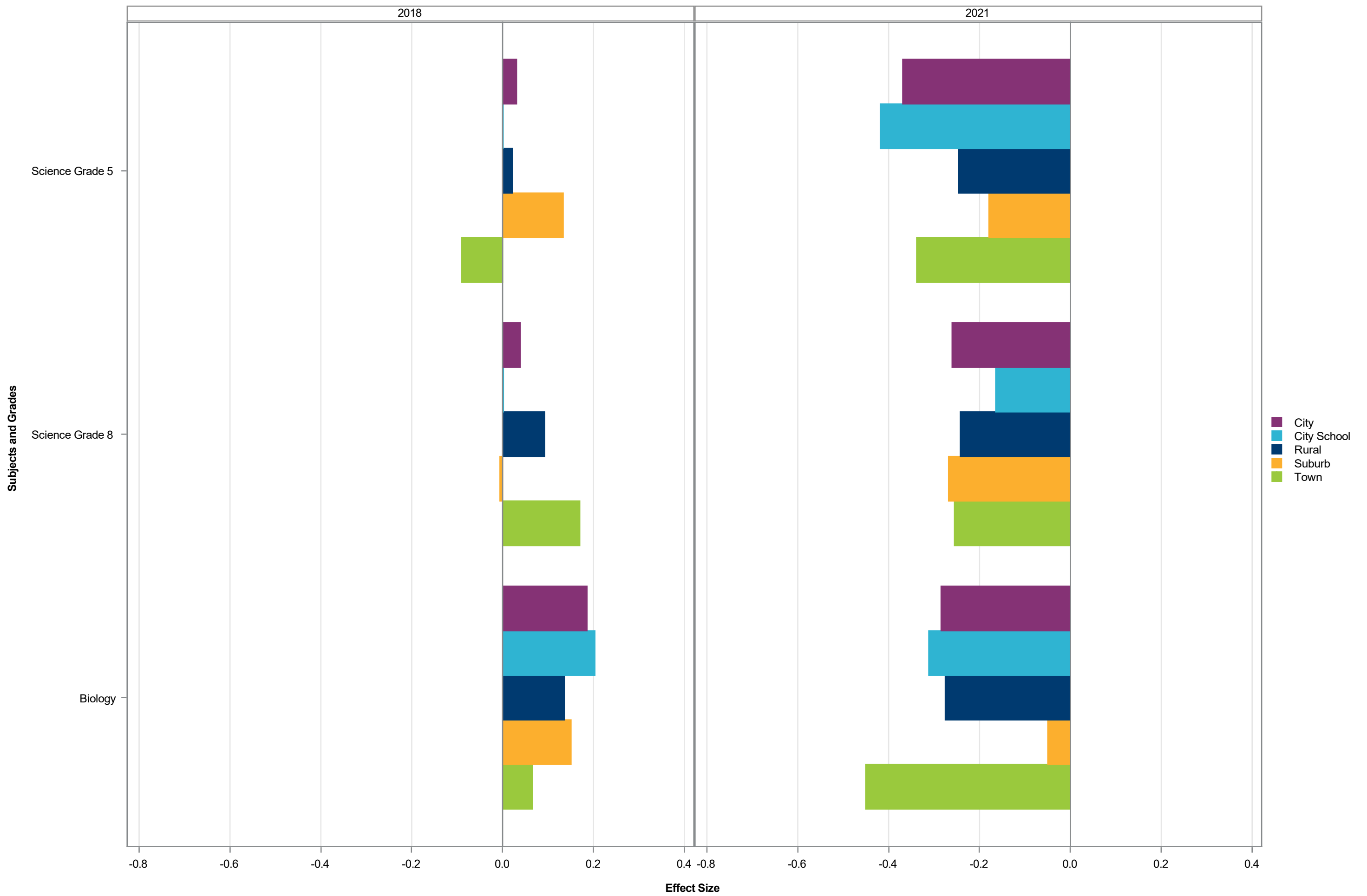




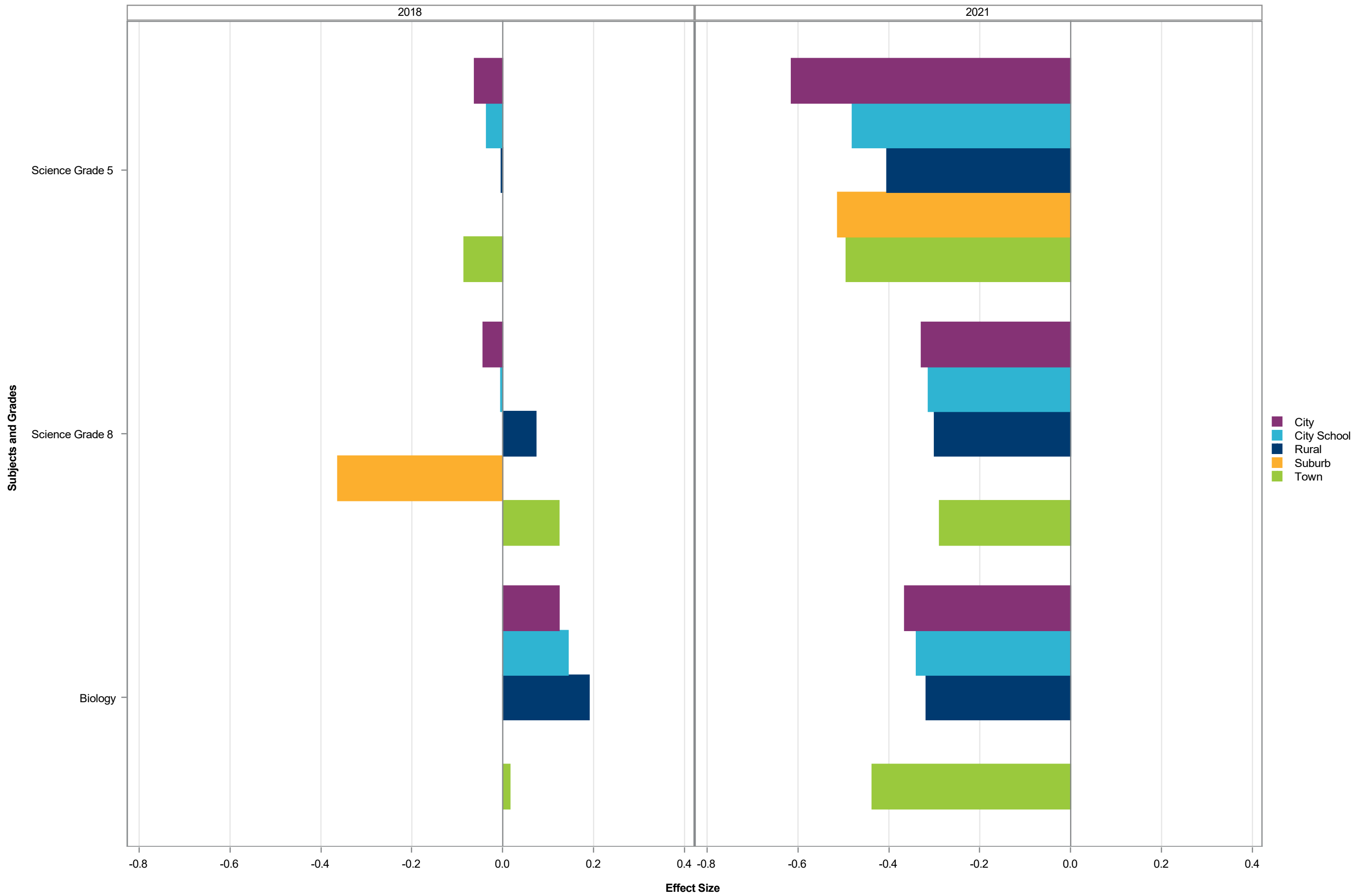
# Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Northwest-Y



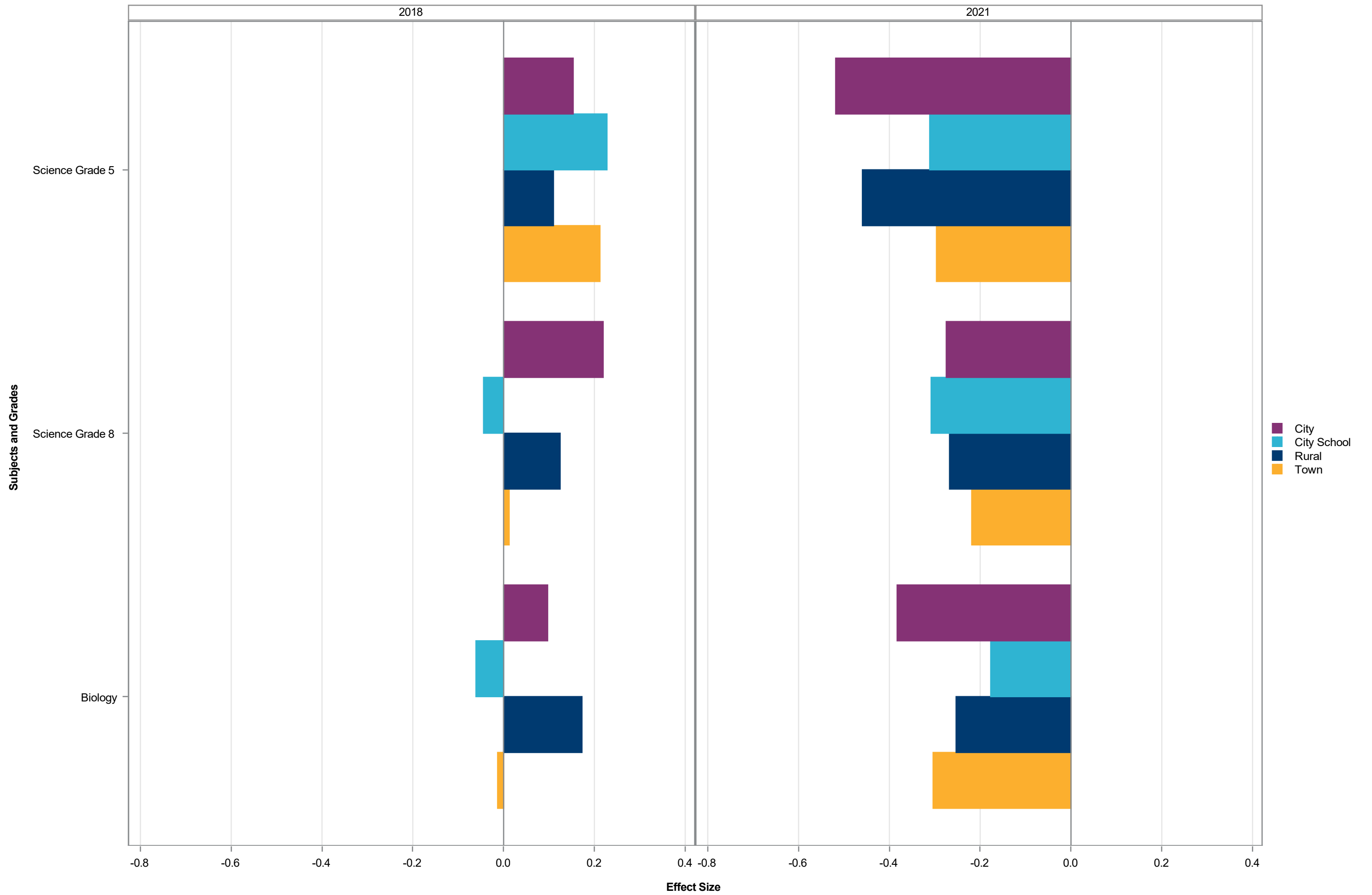
# Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Piedmont Triad-N



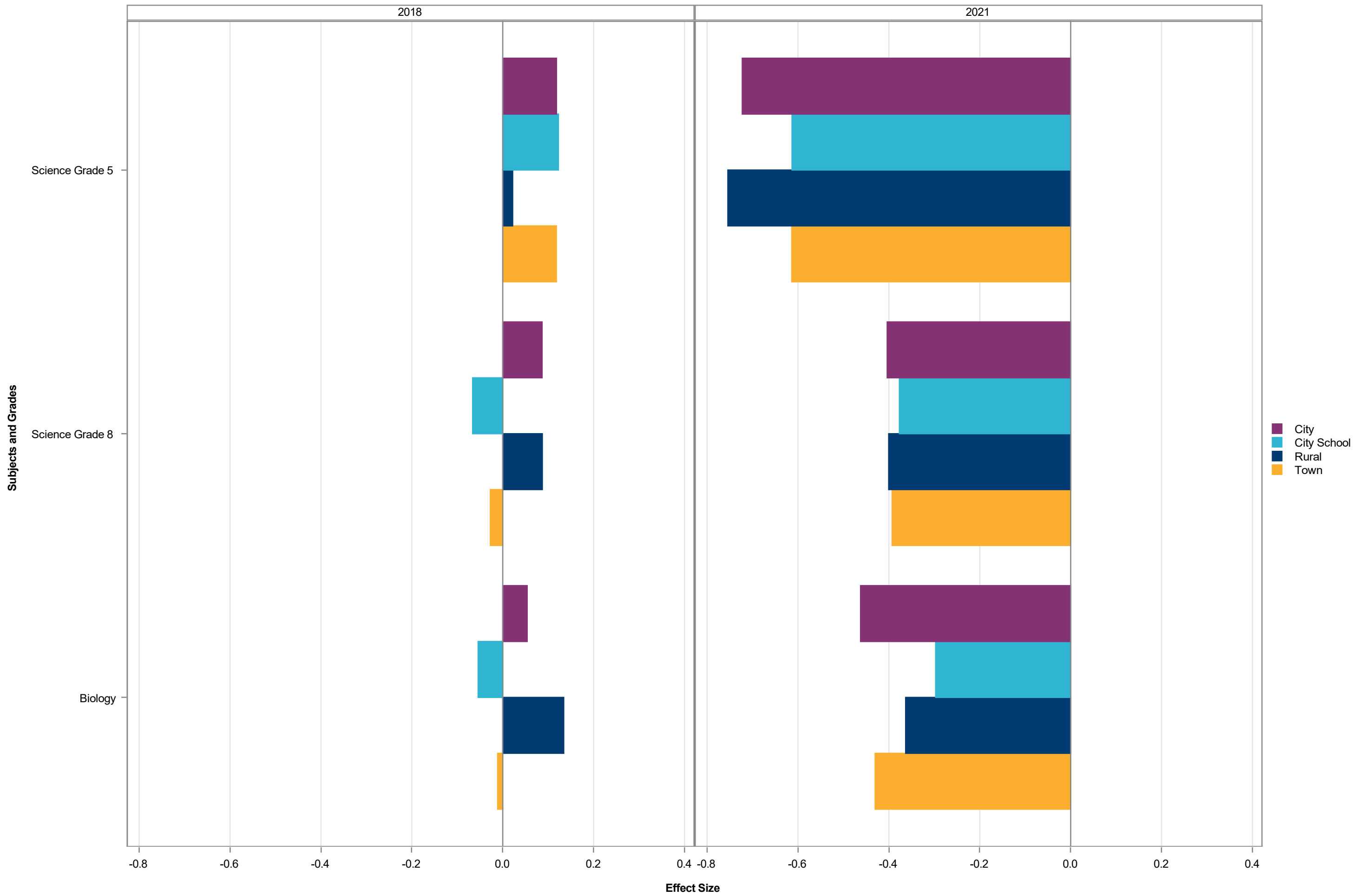
Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Piedmont Triad-Y



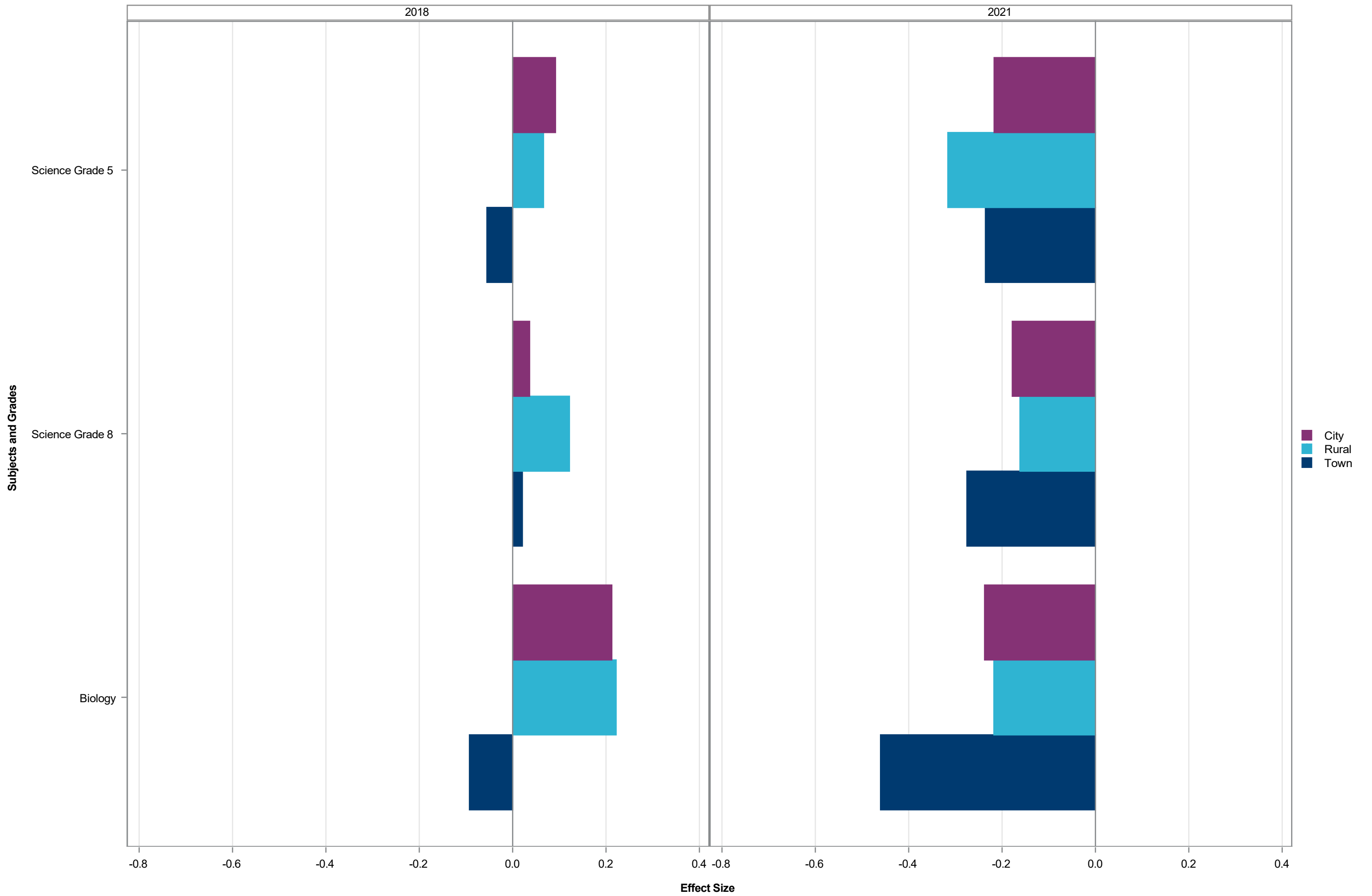
# Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Sandhills-N



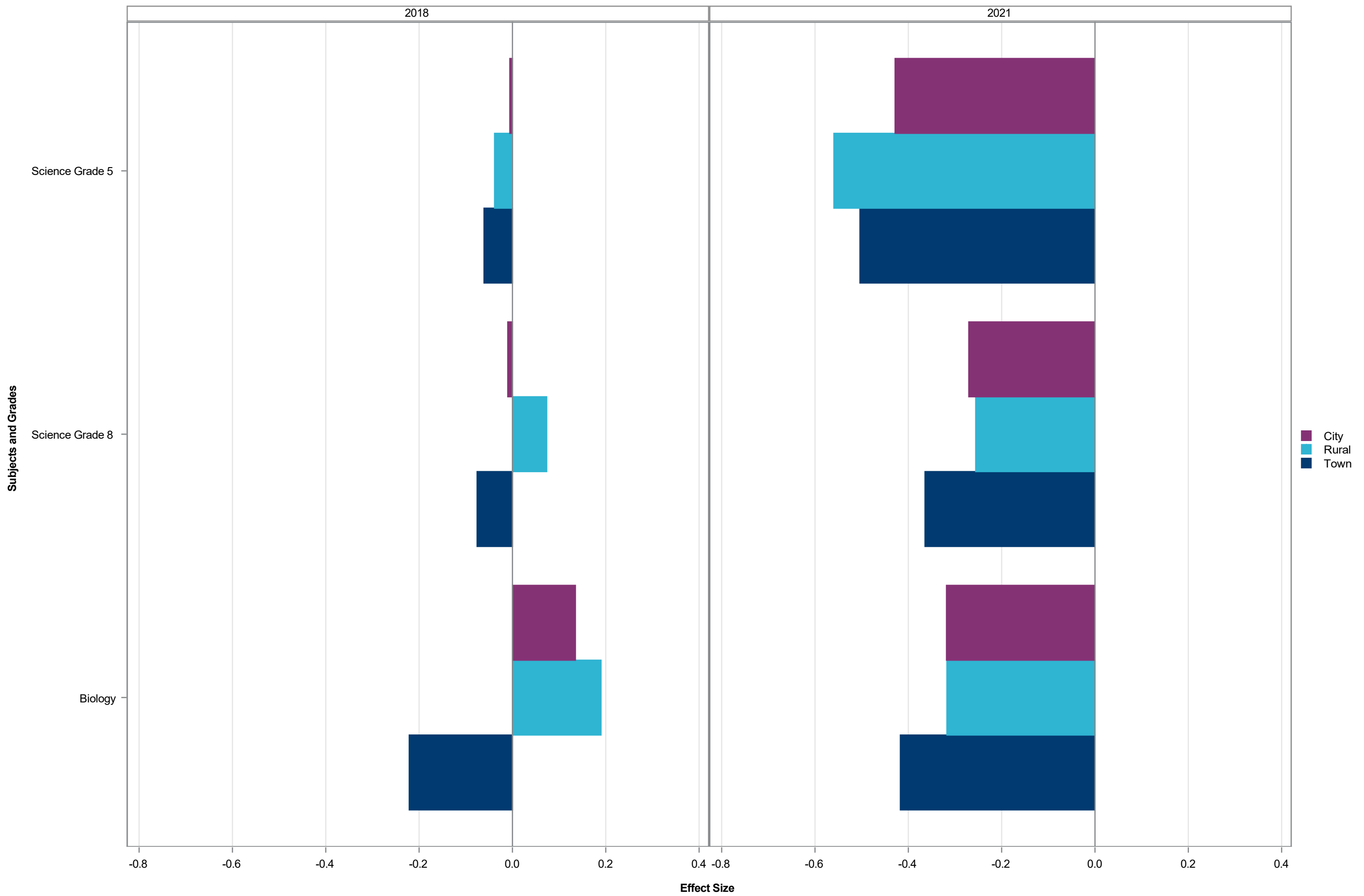
# Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Sandhills-Y



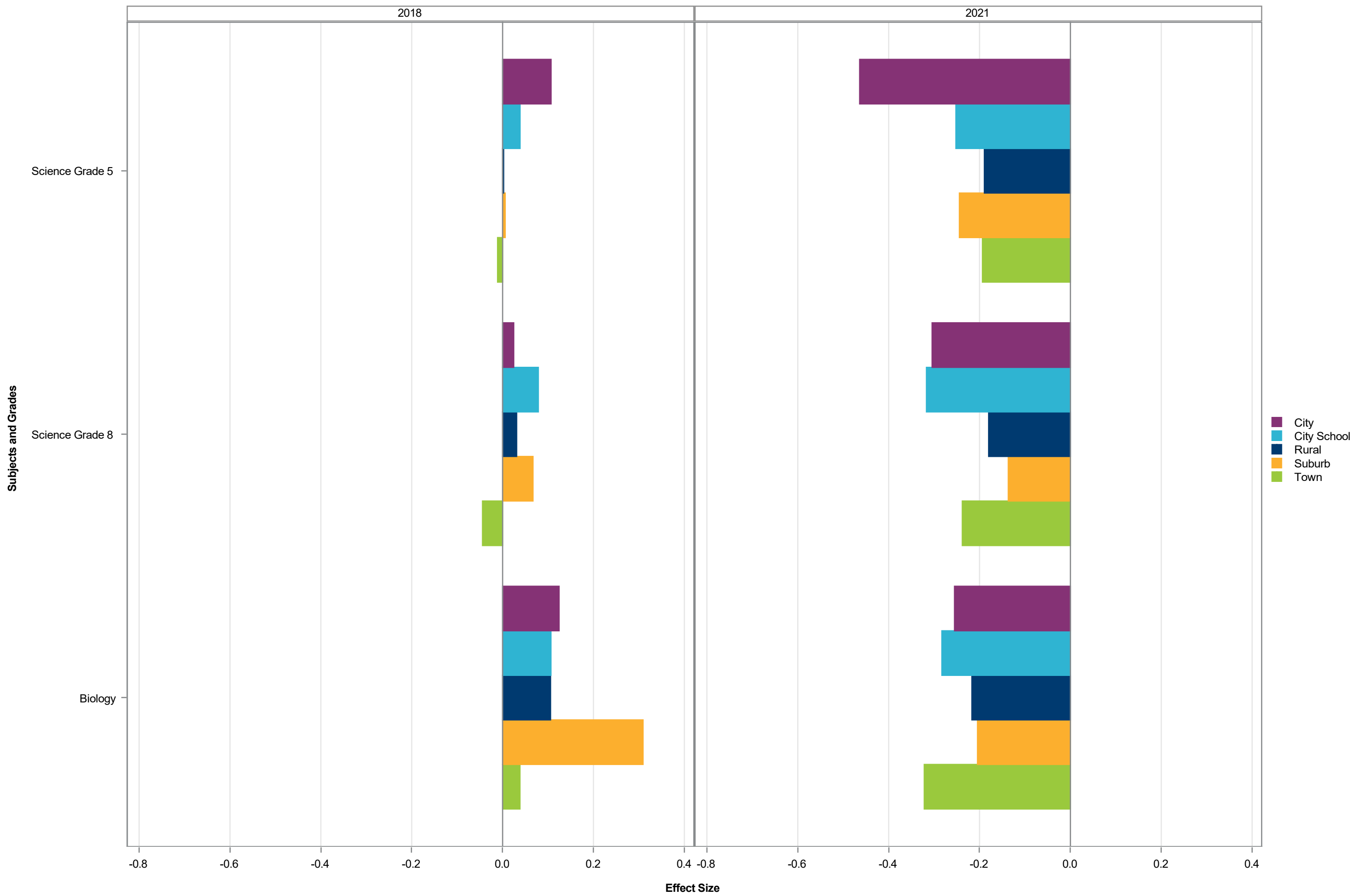
Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Southeast-N



Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Southeast-Y

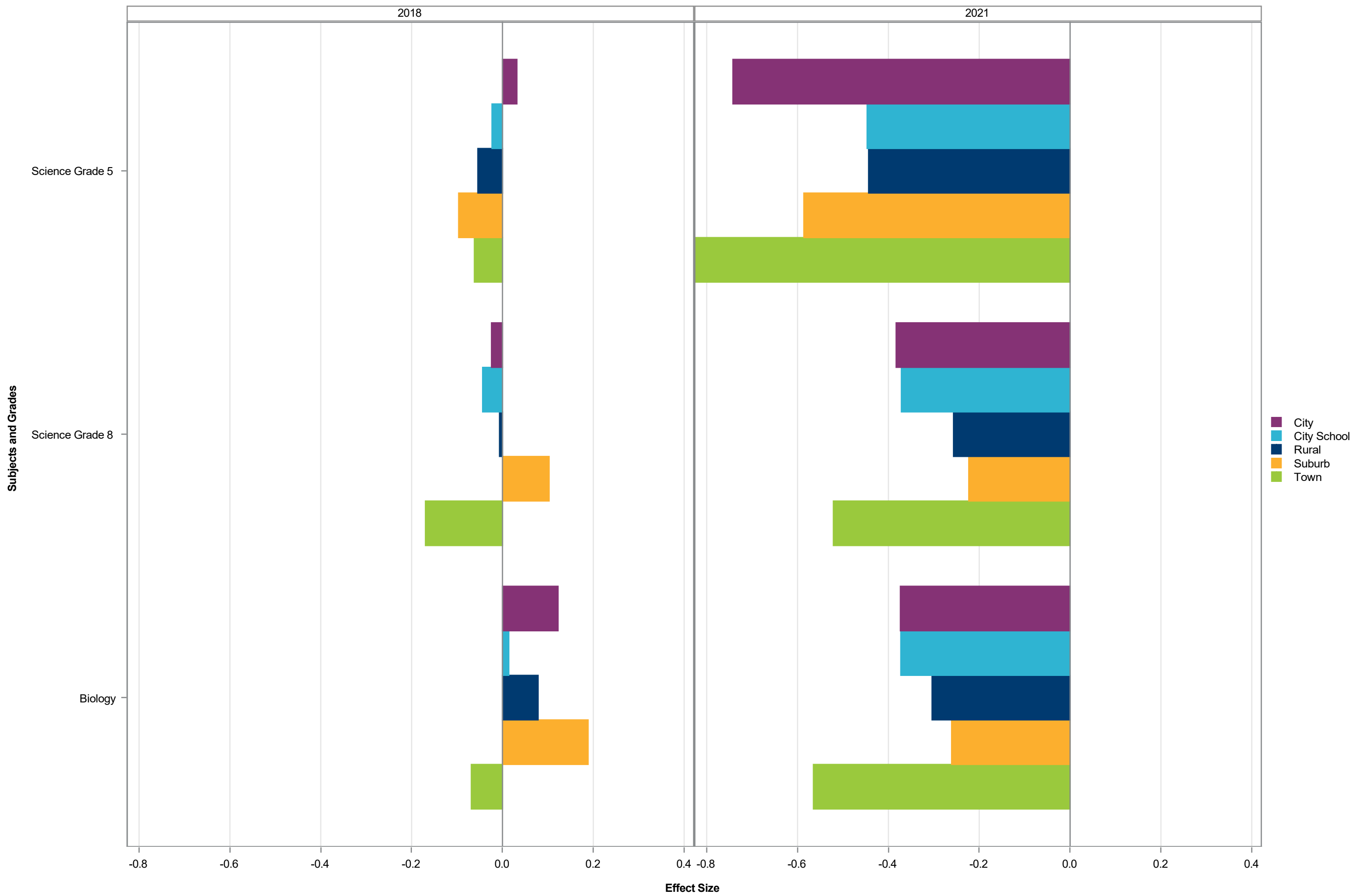


# Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Southwest-N

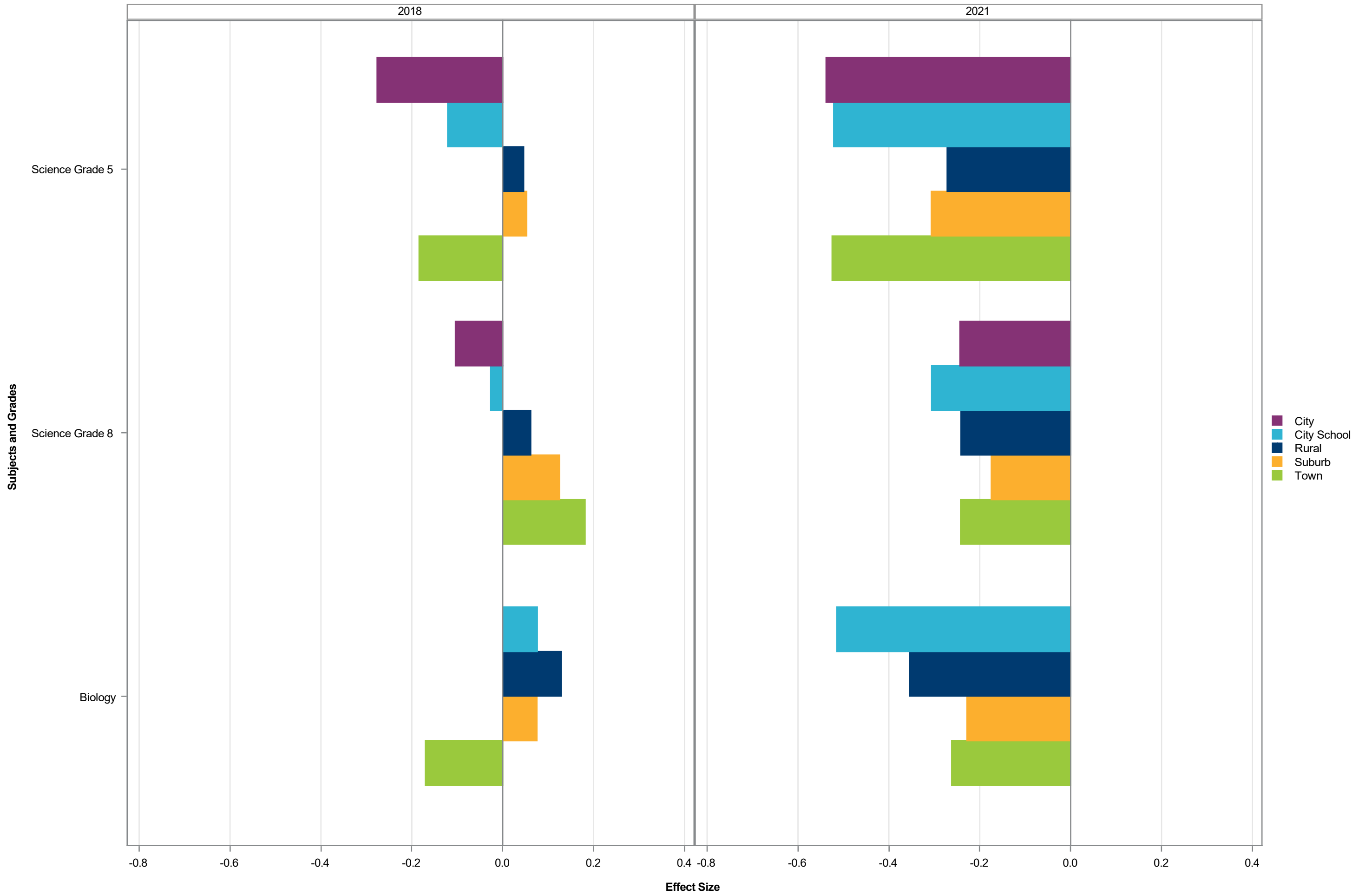




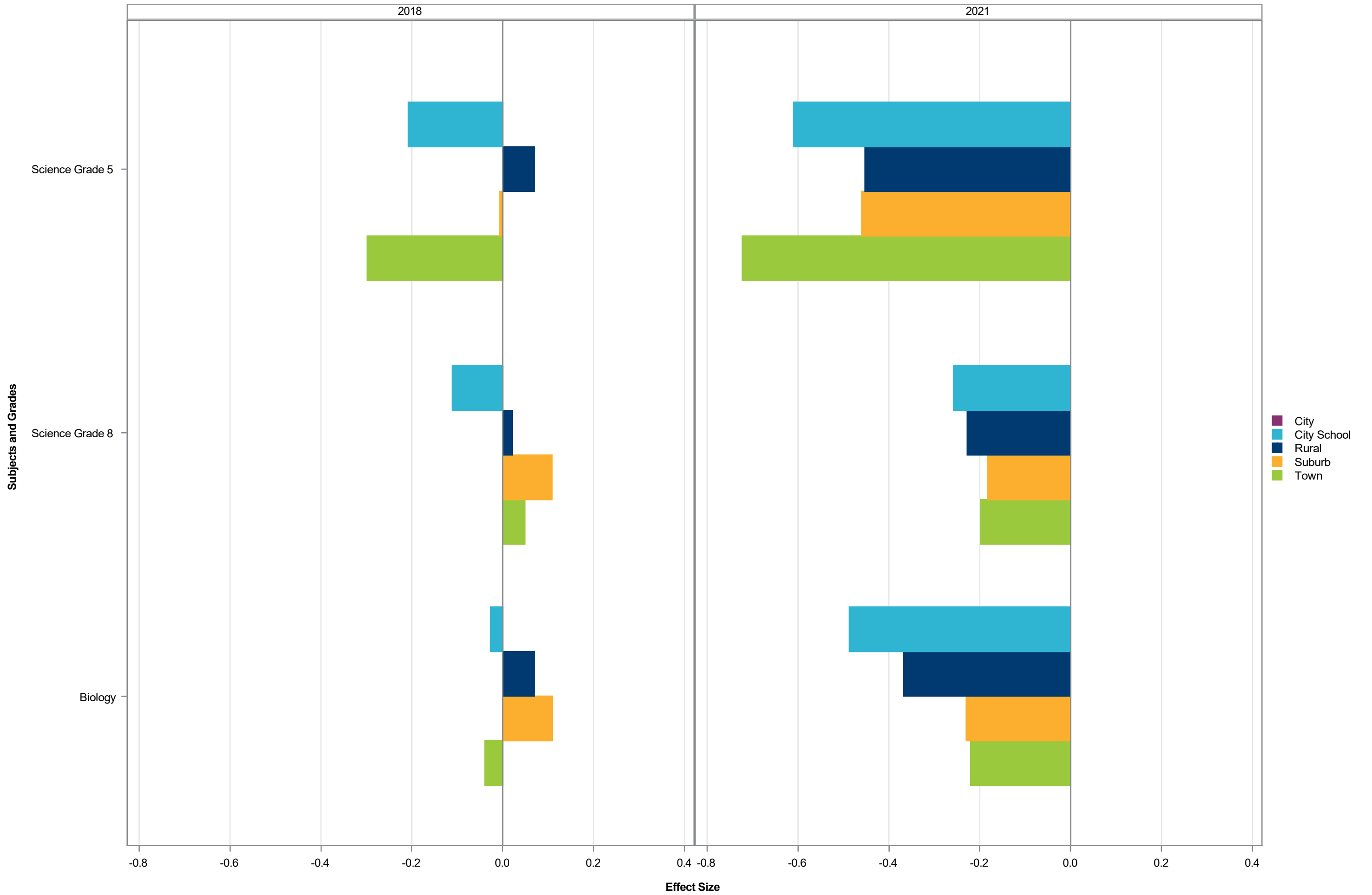
# Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Southwest-Y



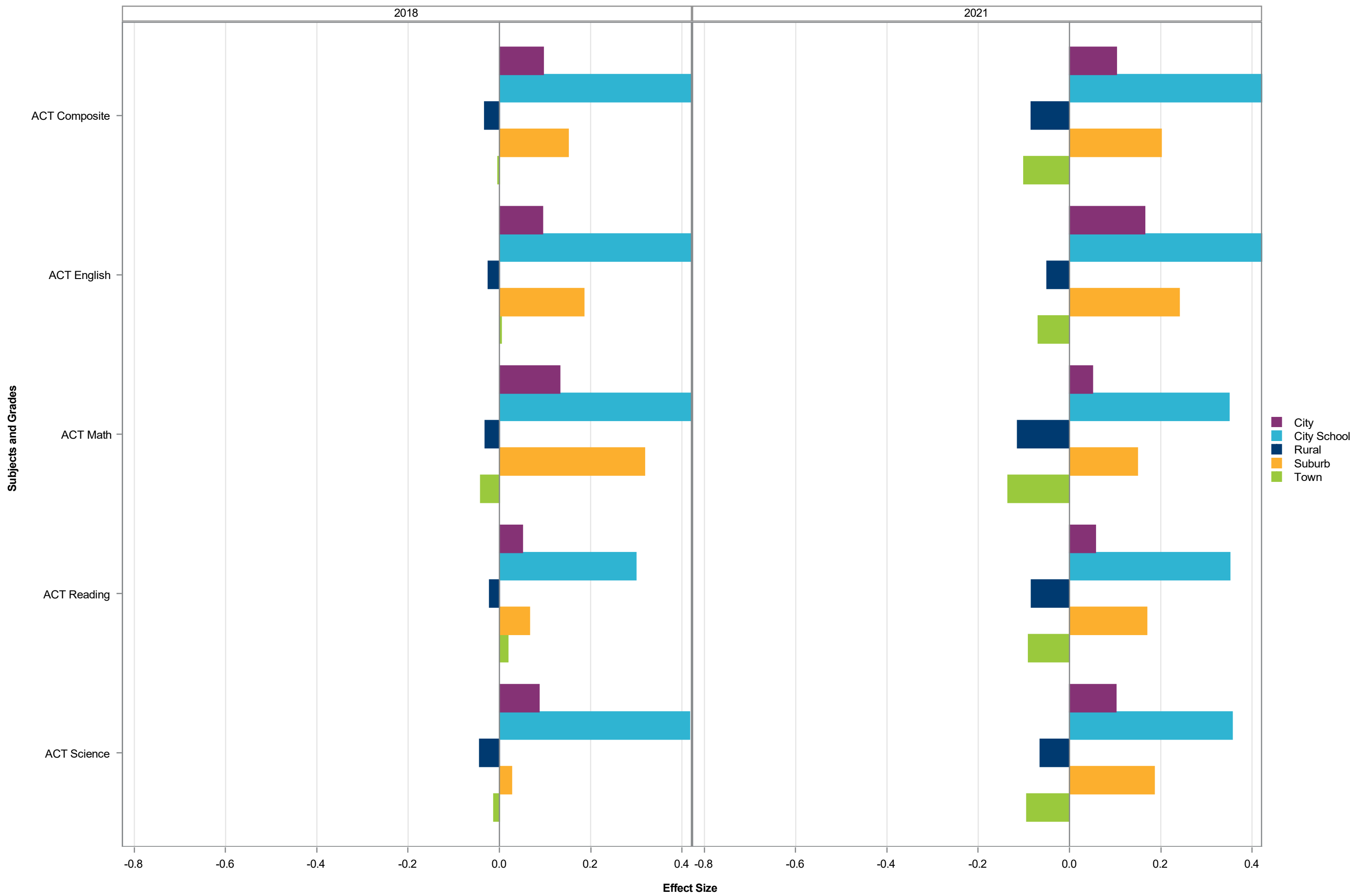
# Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Western-N



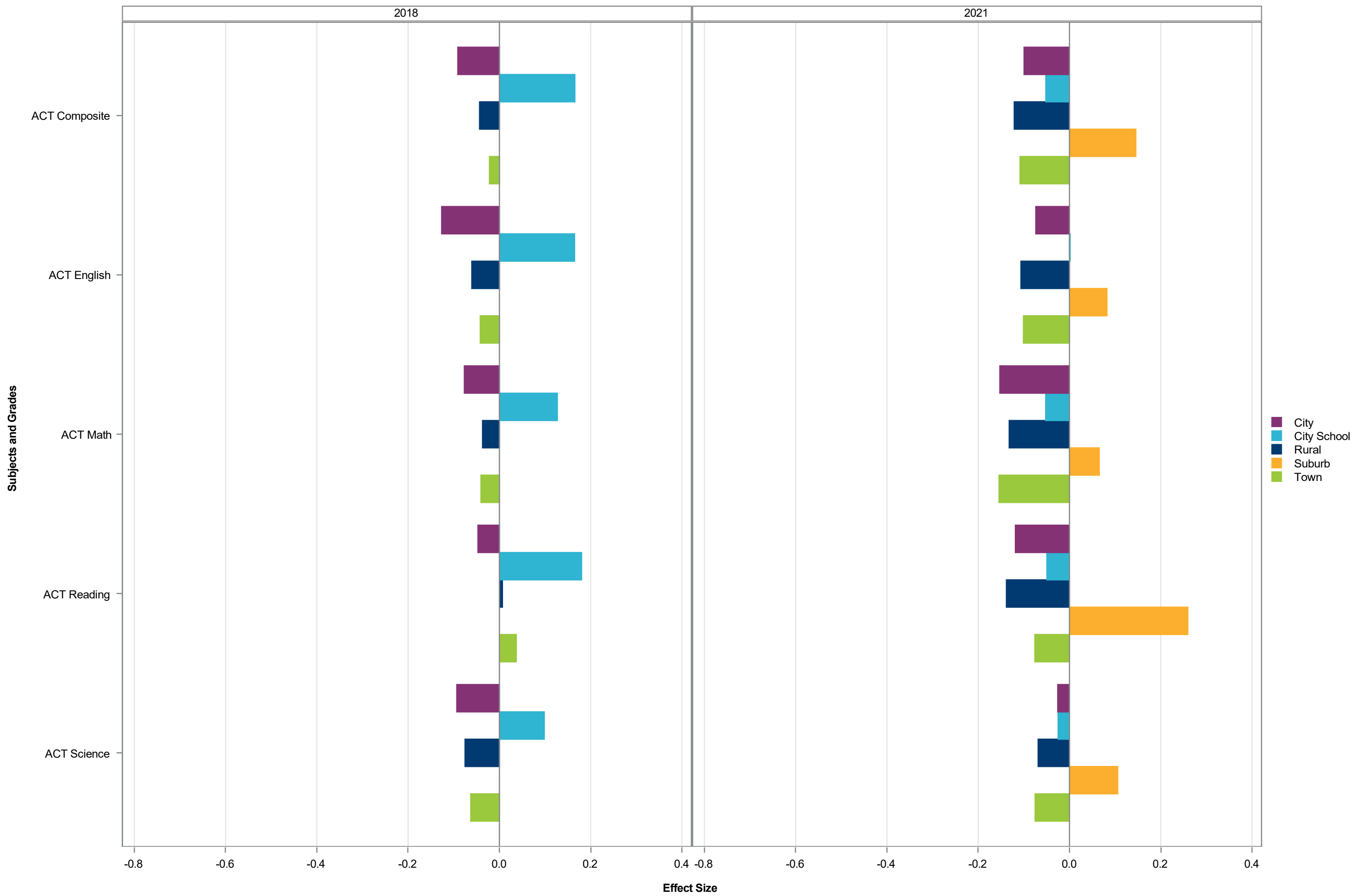
# Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Western-Y



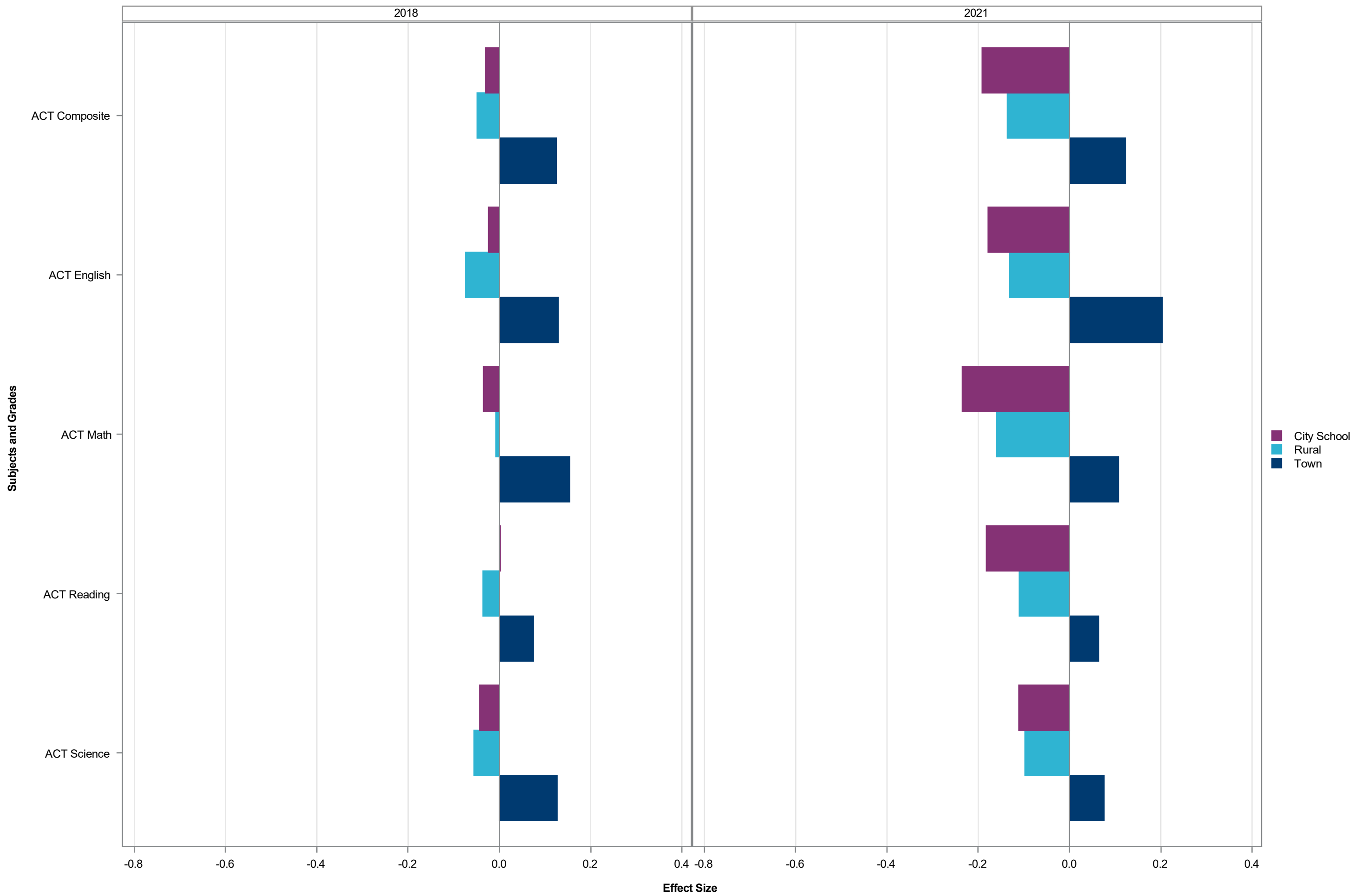
# Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - North Central-N



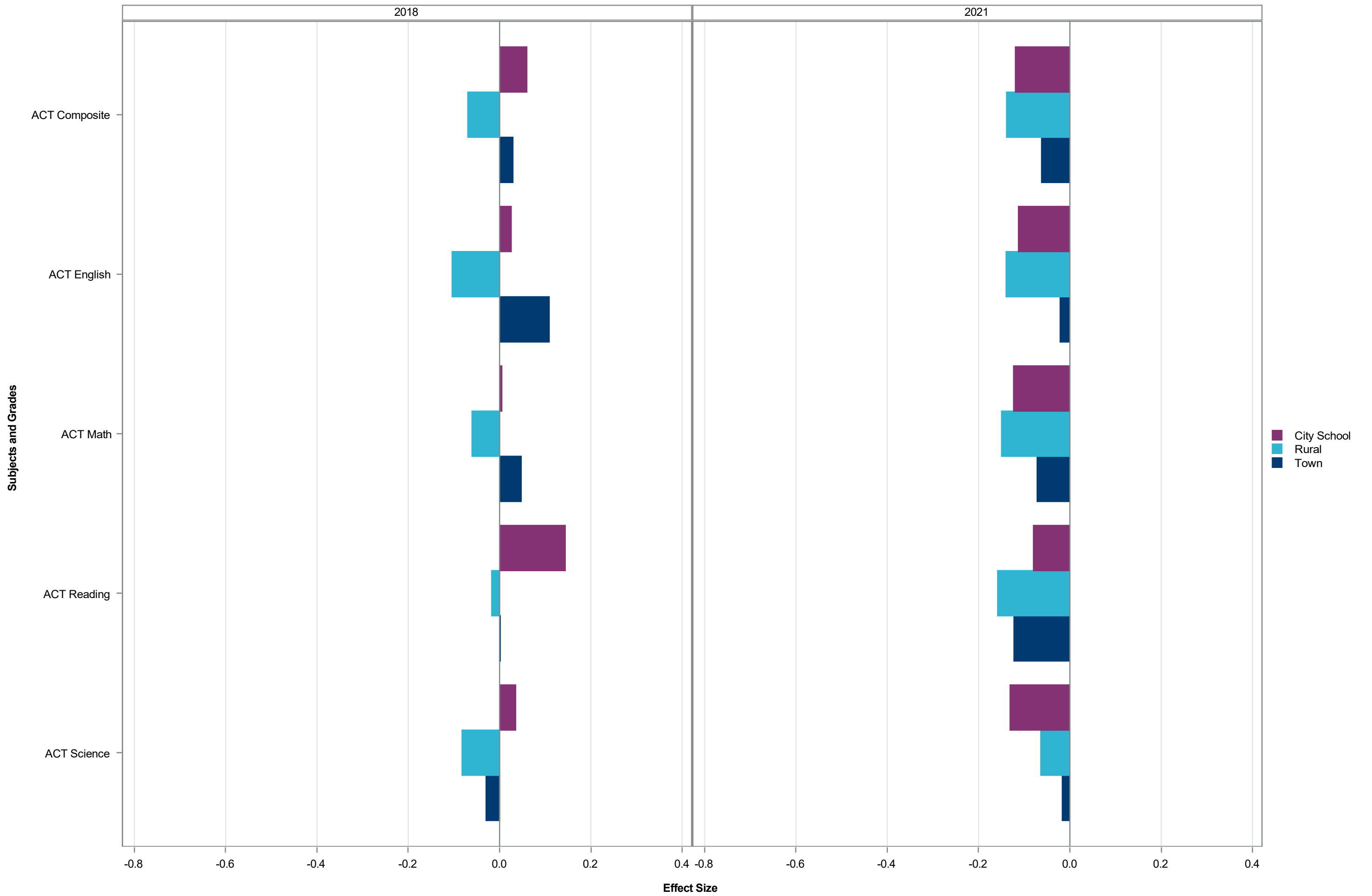
Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - North Central-Y



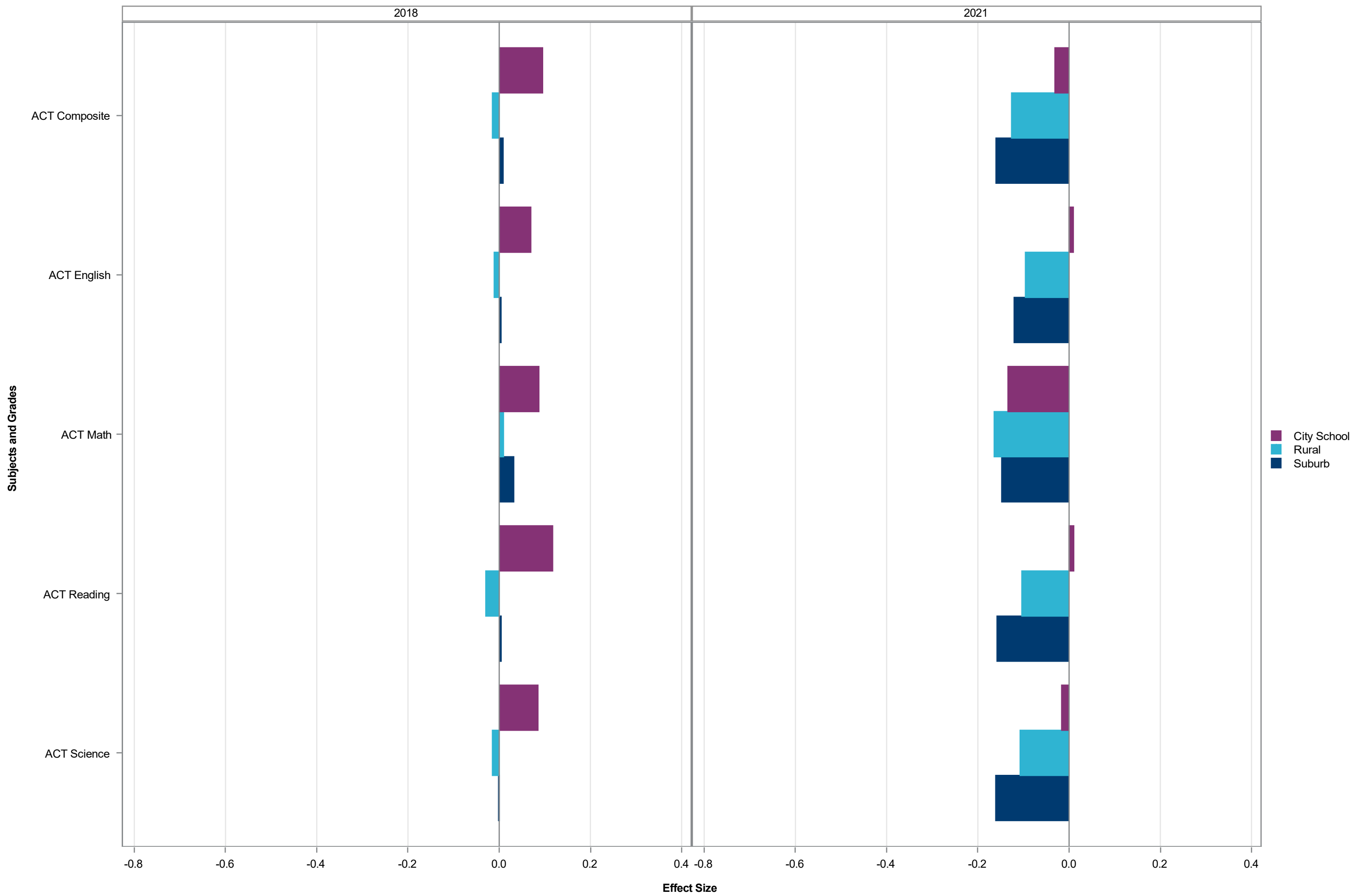
# Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Northeast-N



# Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Northeast-Y

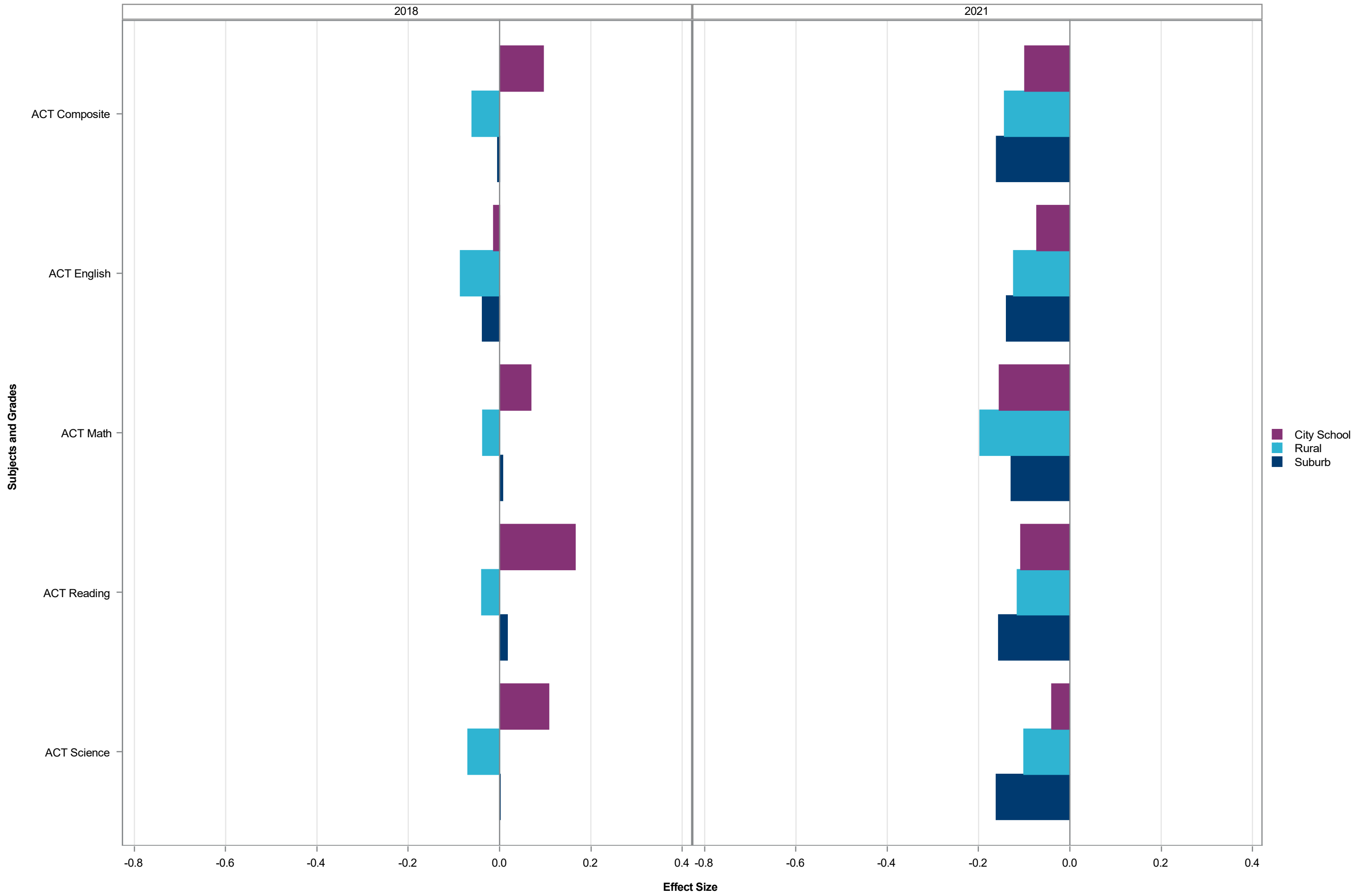


# Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Northwest-N

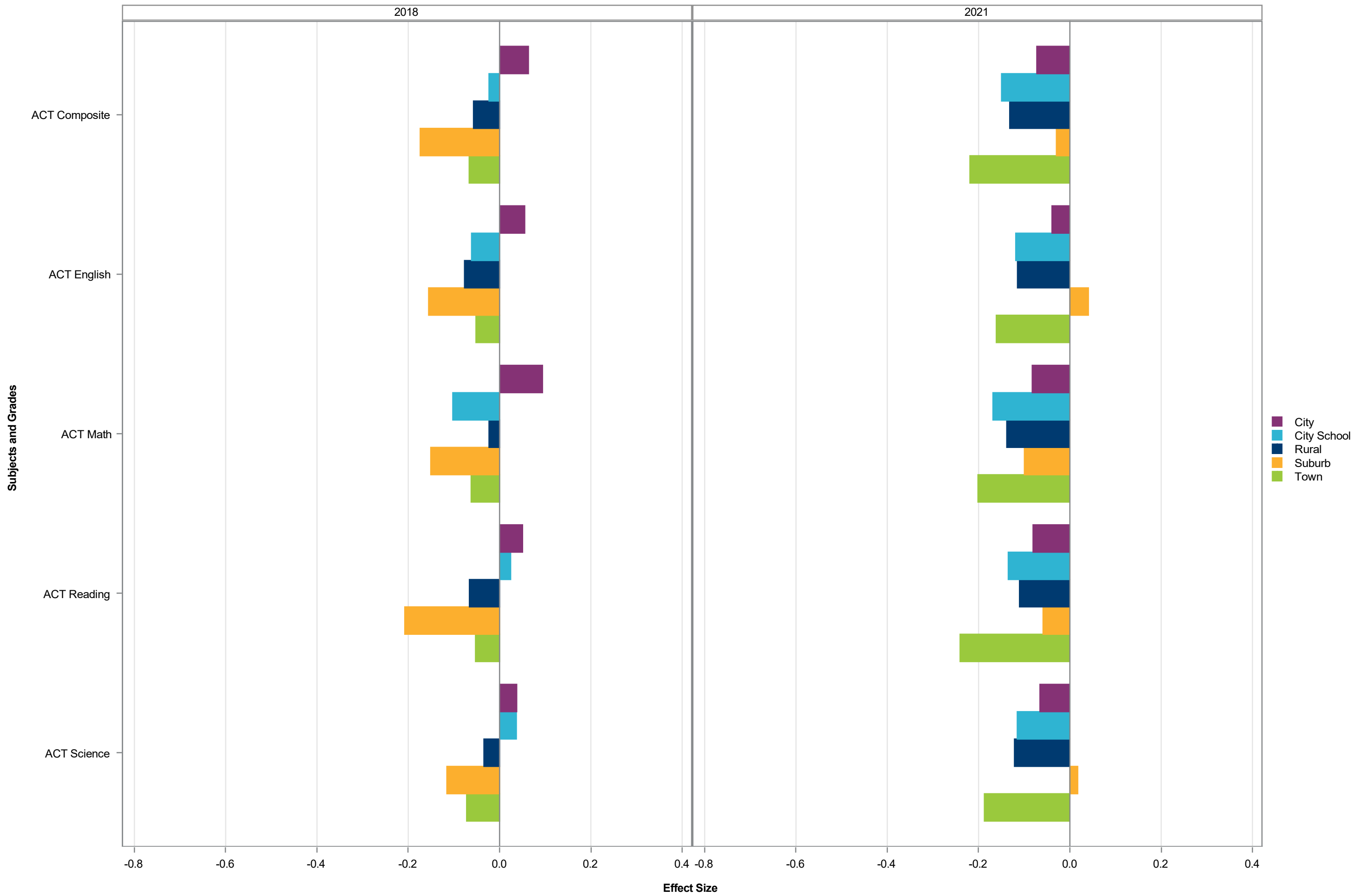




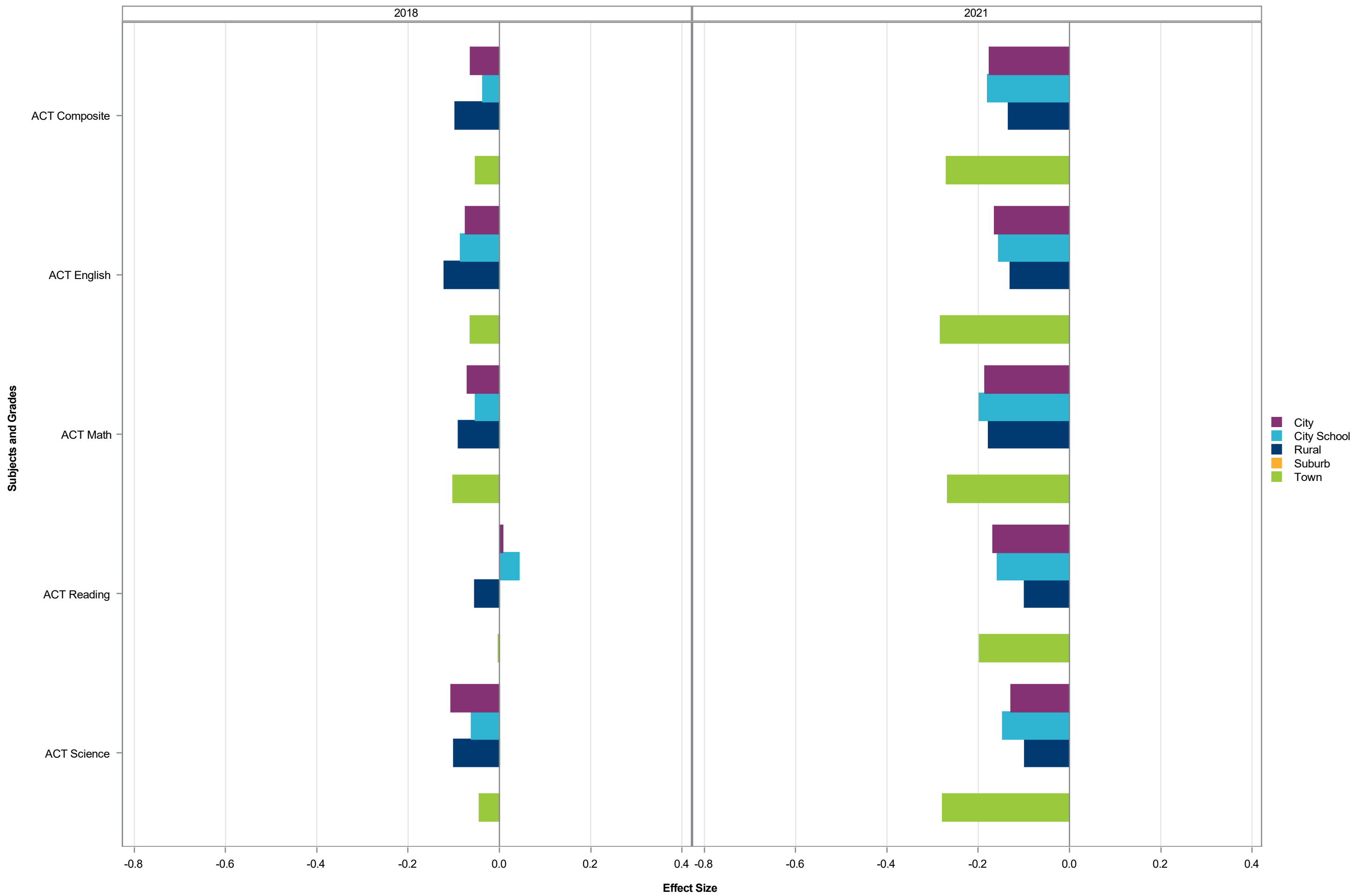
# Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Northwest-Y



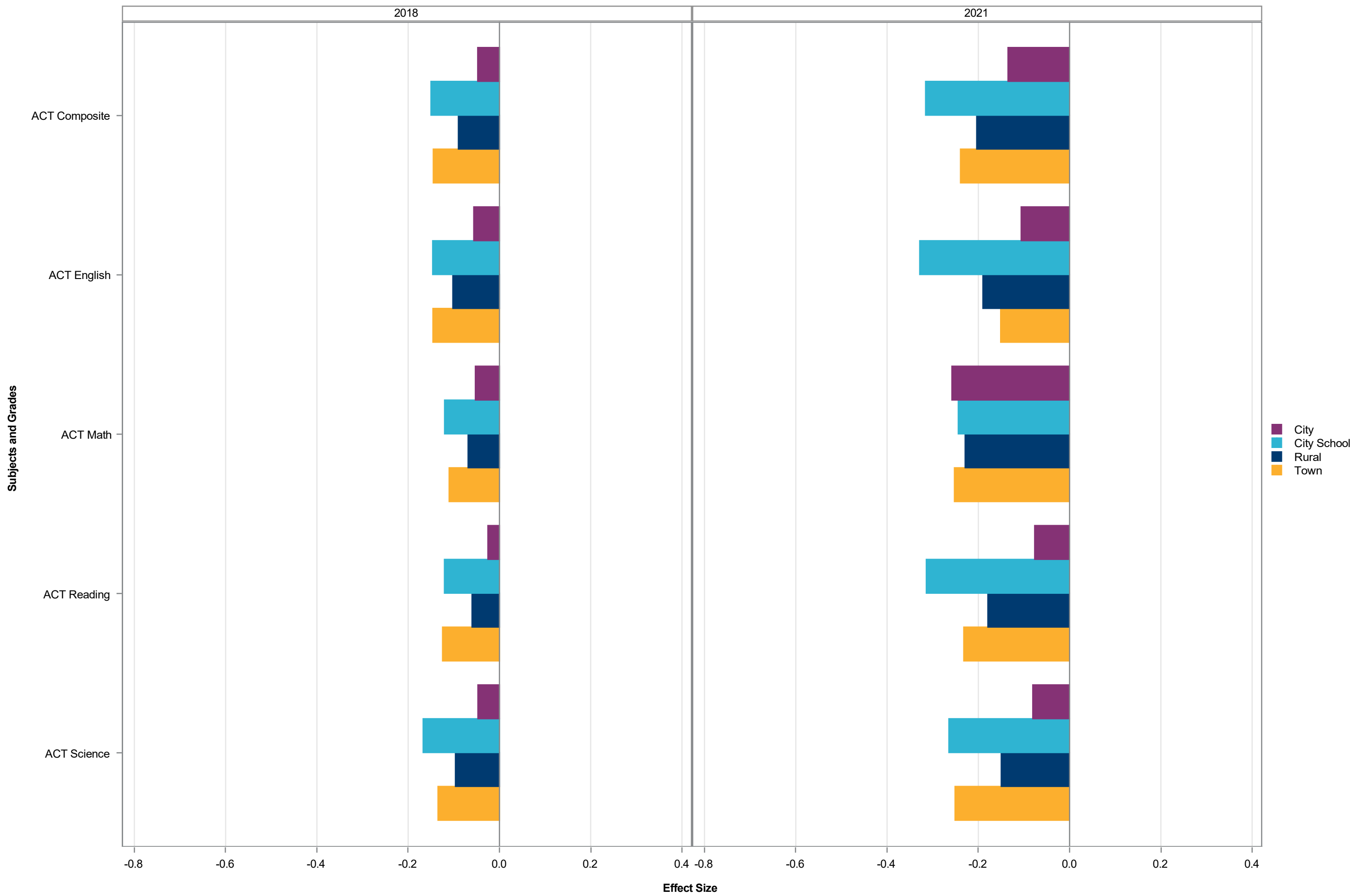
# Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Piedmont Triad-N



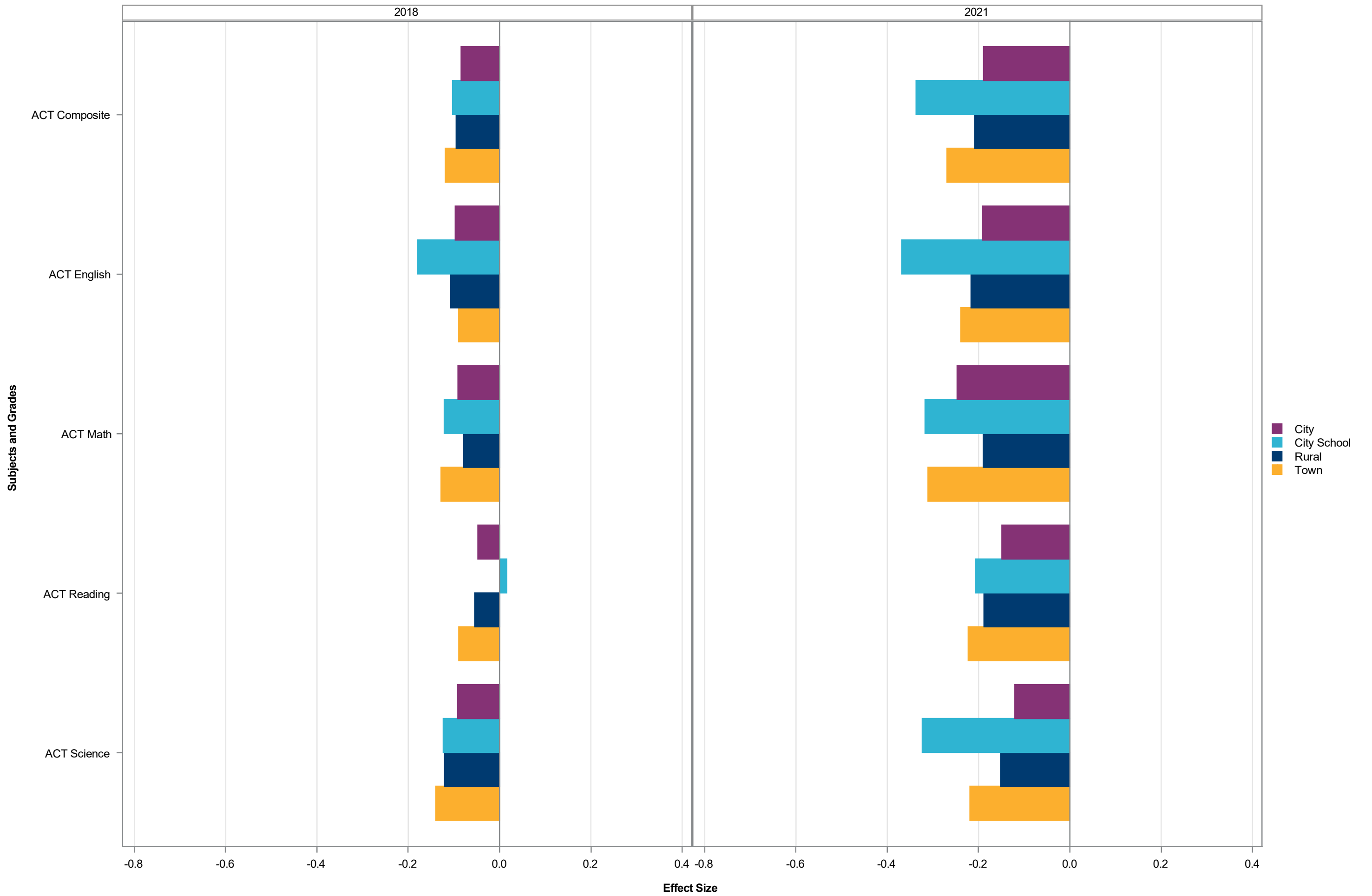
Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Piedmont Triad-Y



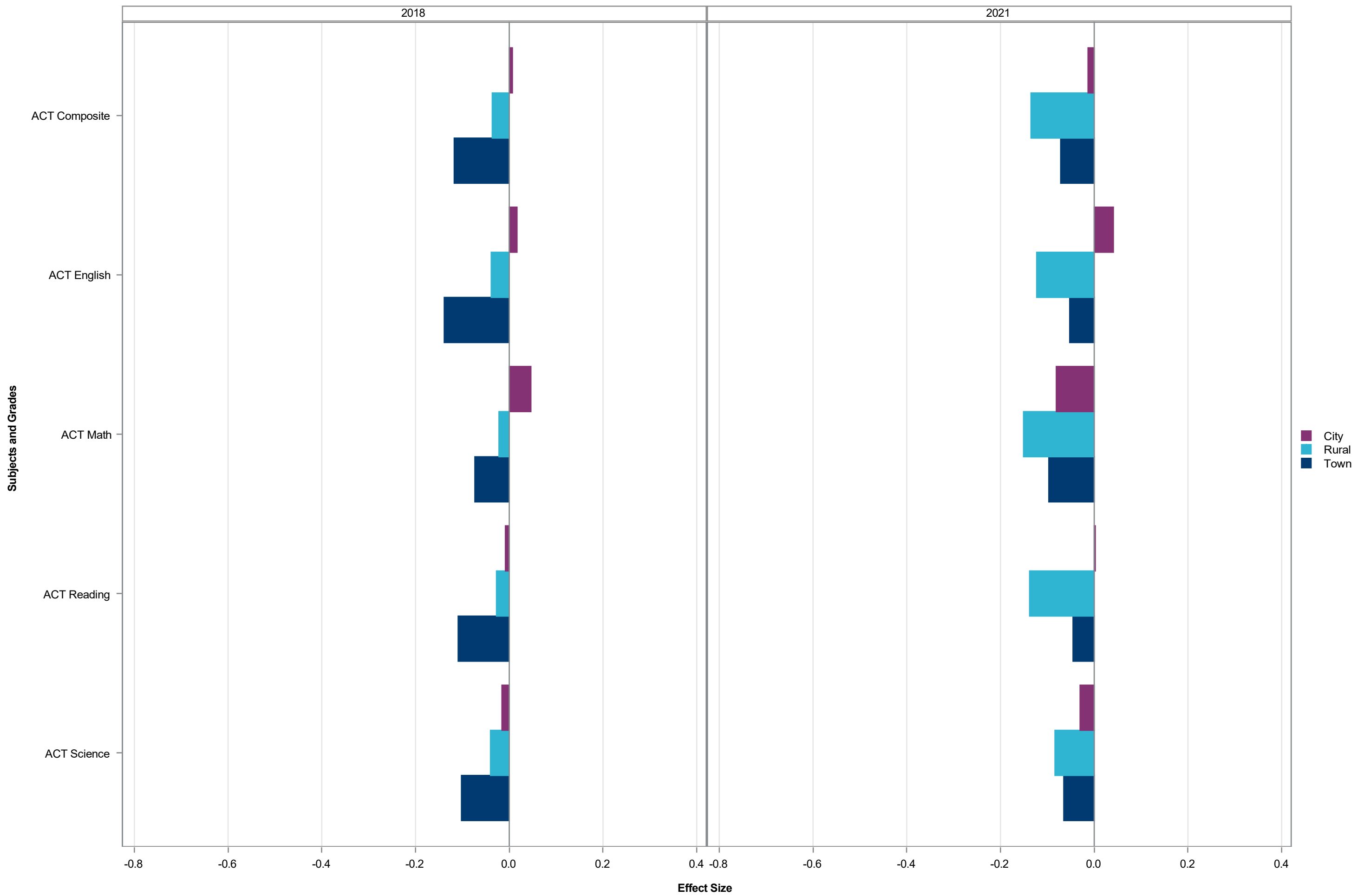
# Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Sandhills-N



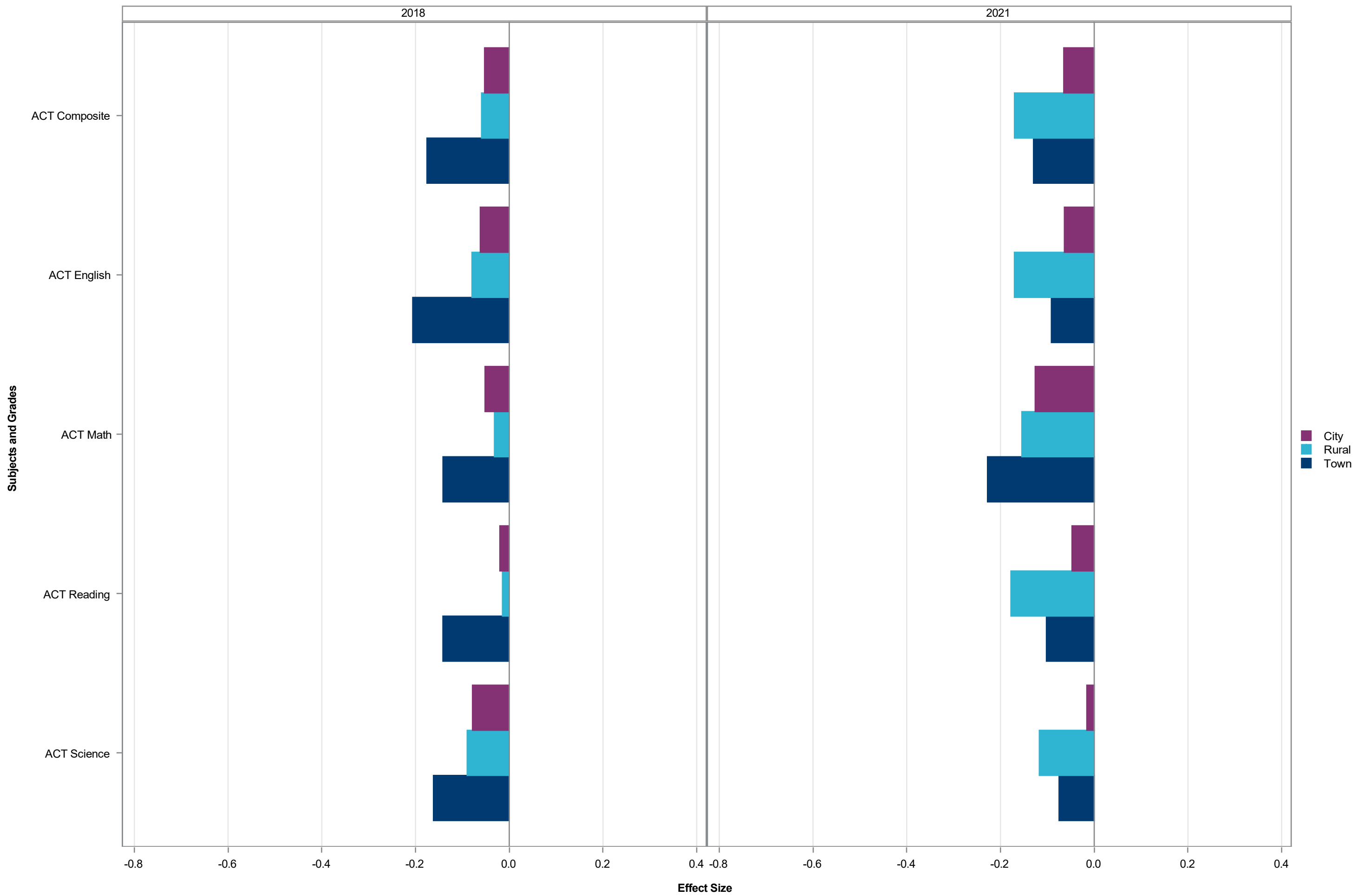
# Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Sandhills-Y



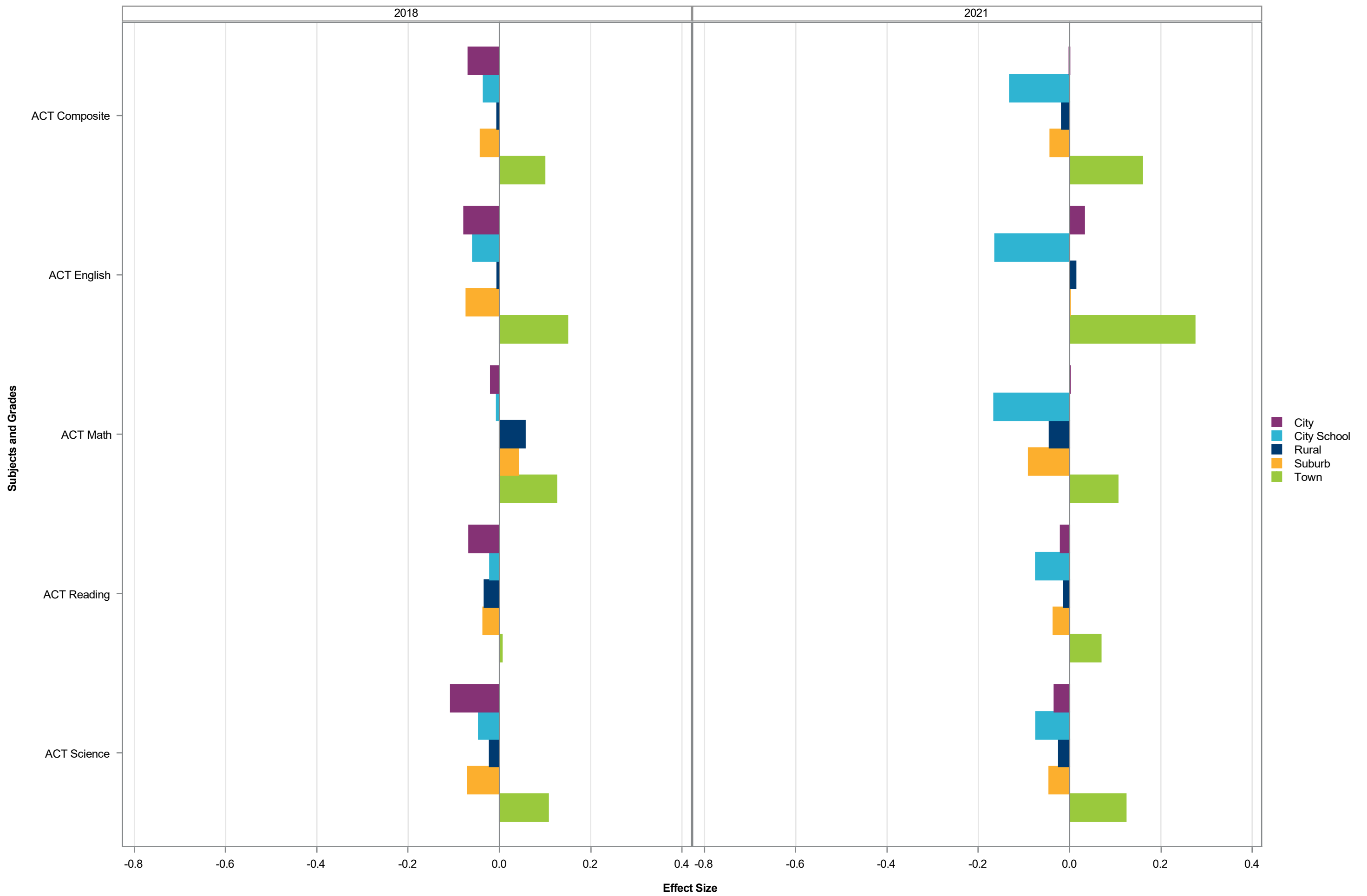
Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Southeast-N



Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Southeast-Y

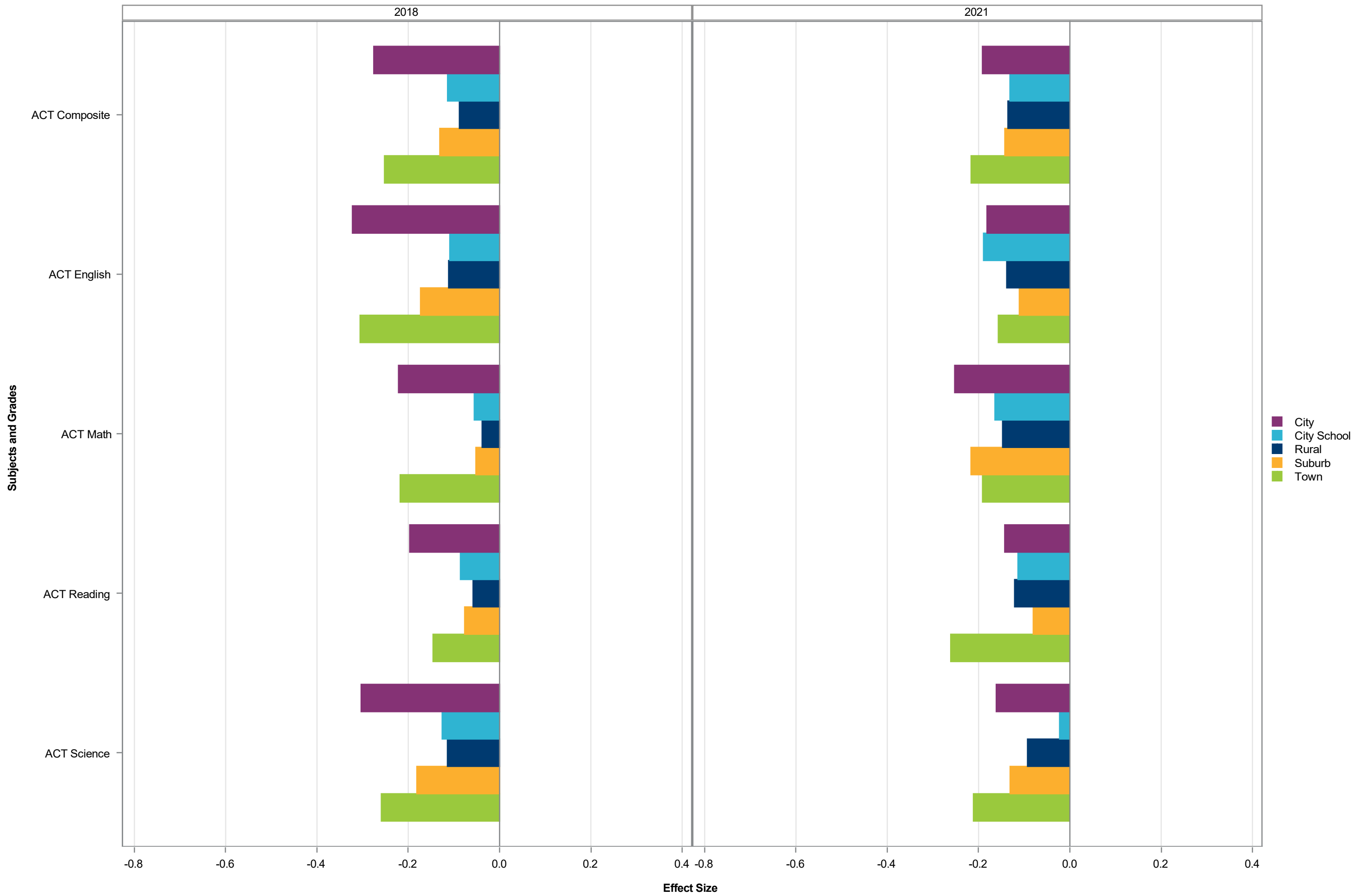


# Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Southwest-N

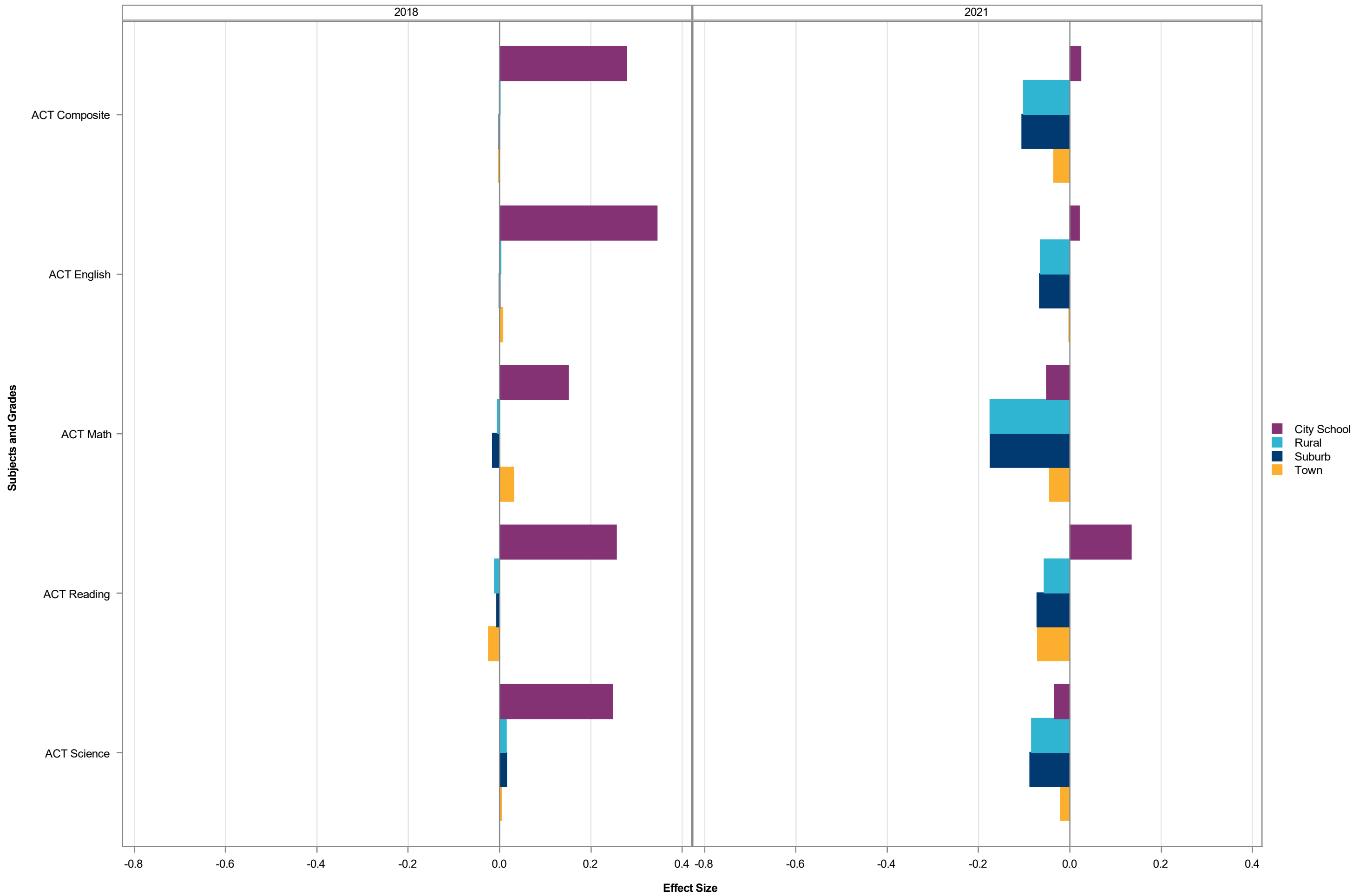




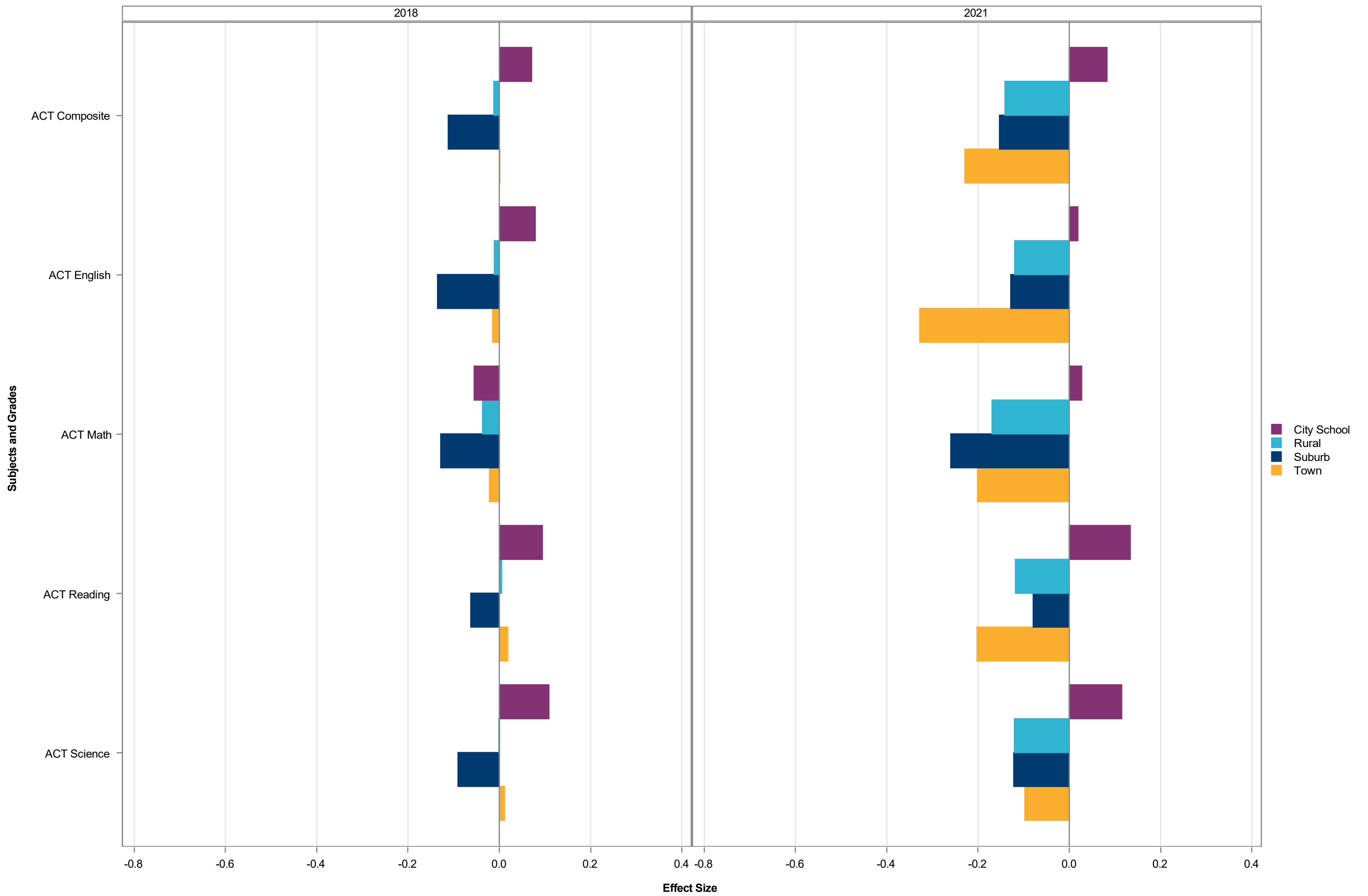
Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Southwest-Y



# Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Western-N



# Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Western-Y



**Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - North Central-N - 2021**

	Urbanicity Split by SBE Region and EDS														
	City			City School			Rural			Suburb			Town		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.13	0.0015	157554	-0.06	0.0068	9336	-0.23	0.0017	106415	-0.10	0.0082	4778	-0.26	0.0047	15454
Reading Grade 3	0.00	0.0079	7290	0.01	0.0321	401	-0.21	0.0101	4446	0.05	0.1455	19	-0.18	0.0283	621
Reading Grade 4	-0.16	0.0076	7796	-0.00	0.0293	460	-0.35	0.0098	4511	-0.21	0.1288	26	-0.27	0.0260	671
Reading Grade 5	-0.10	0.0057	8098	-0.12	0.0221	526	-0.13	0.0074	5192	-0.01	0.0306	222	-0.14	0.0191	770
Reading Grade 6	-0.14	0.0054	7833	-0.13	0.0228	465	-0.18	0.0067	5332	-0.15	0.0258	317	-0.19	0.0177	772
Reading Grade 7	-0.16	0.0053	7863	-0.23	0.0214	572	-0.20	0.0063	5660	-0.21	0.0259	321	-0.25	0.0170	856
Reading Grade 8	-0.17	0.0053	7587	-0.17	0.0200	515	-0.16	0.0060	5872	-0.10	0.0243	320	-0.22	0.0159	832
English II	0.04	0.0048	9488	0.05	0.0282	254	0.06	0.0056	6236	0.16	0.0280	258	0.06	0.0148	886
Science Grade 5	-0.40	0.0067	8084	-0.46	0.0259	525	-0.36	0.0089	5194	-0.53	0.0319	221	-0.34	0.0257	767
Science Grade 8	-0.13	0.0059	7563	-0.18	0.0230	528	-0.23	0.0065	5925	-0.06	0.0285	324	-0.34	0.0178	843
Biology	-0.31	0.0053	9600	-0.24	0.0306	353	-0.31	0.0066	5863	-0.25	0.0256	258	-0.31	0.0177	861
Math Grade 5	-0.34	0.0069	8096	-0.24	0.0283	523	-0.44	0.0085	5189	-0.20	0.0309	222	-0.48	0.0243	768
Math Grade 6	-0.32	0.0062	7815	-0.32	0.0263	456	-0.47	0.0072	5345	-0.35	0.0328	317	-0.49	0.0197	773
Math Grade 7	-0.30	0.0062	7818	-0.38	0.0237	559	-0.43	0.0068	5666	-0.21	0.0315	323	-0.47	0.0177	851
Math Grade 8	-0.52	0.0113	3067	-0.61	0.0511	165	-0.55	0.0102	3460	-0.31	0.0515	193	-0.66	0.0283	572
NC Math 1	-0.35	0.0060	8983	-0.41	0.0261	514	-0.45	0.0065	6436	-0.27	0.0307	302	-0.49	0.0172	891
NC Math 3	-0.16	0.0062	9264	0.03	0.0308	380	-0.13	0.0076	5736	0.04	0.0364	231	-0.18	0.0201	824
ACT Composite	0.10	0.0061	8110	0.43	0.0246	504	-0.08	0.0066	5213	0.20	0.0336	227	-0.10	0.0160	744
ACT English	0.16	0.0073	8119	0.51	0.0309	504	-0.05	0.0076	5223	0.24	0.0407	227	-0.07	0.0186	744
ACT Math	0.05	0.0070	8117	0.35	0.0288	504	-0.11	0.0070	5219	0.15	0.0366	227	-0.13	0.0176	744
ACT Reading	0.06	0.0072	8112	0.35	0.0274	504	-0.08	0.0083	5217	0.17	0.0444	227	-0.09	0.0212	744
ACT Science	0.10	0.0068	8115	0.36	0.0293	504	-0.06	0.0083	5216	0.19	0.0391	227	-0.09	0.0206	744

**Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - North Central-Y - 2021**

	Urbanicity Split by SBE Region and EDS														
	City			City School			Rural			Suburb			Town		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.28	0.0023	63136	-0.27	0.0112	2687	-0.32	0.0021	72750	-0.27	0.0221	651	-0.34	0.0059	10123
Reading Grade 3	-0.27	0.0112	3673	-0.31	0.0596	118	-0.32	0.0106	3925	-0.34	0.0808	48	-0.29	0.0305	538
Reading Grade 4	-0.41	0.0113	3533	-0.37	0.0583	146	-0.48	0.0101	4117	-0.23	0.0749	32	-0.45	0.0290	576
Reading Grade 5	-0.20	0.0086	3795	-0.21	0.0365	190	-0.22	0.0083	4286	-0.14	0.0844	43	-0.23	0.0218	601
Reading Grade 6	-0.12	0.0080	3691	-0.08	0.0415	143	-0.19	0.0076	4513	-0.21	0.0827	53	-0.18	0.0195	642
Reading Grade 7	-0.11	0.0079	3623	-0.00	0.0396	167	-0.16	0.0072	4342	-0.09	0.0758	52	-0.23	0.0202	615
Reading Grade 8	-0.09	0.0082	3270	-0.02	0.0364	156	-0.13	0.0073	4077	-0.20	0.0713	41	-0.19	0.0206	584
English II	0.12	0.0082	3503	0.11	0.0413	114	0.05	0.0079	3625	0.05	0.1386	16	0.03	0.0207	473
Science Grade 5	-0.65	0.0096	3761	-0.70	0.0354	189	-0.61	0.0095	4292	-0.17	0.0969	46	-0.53	0.0288	597
Science Grade 8	-0.26	0.0095	3224	-0.19	0.0368	161	-0.33	0.0082	4107	-0.42	0.0769	40	-0.37	0.0215	586
Biology	-0.34	0.0088	3413	-0.45	0.0424	117	-0.38	0.0090	3024	-0.19	0.0639	19	-0.40	0.0233	454
Math Grade 5	-0.59	0.0093	3780	-0.48	0.0372	184	-0.63	0.0088	4289	-0.48	0.0766	45	-0.61	0.0264	596
Math Grade 6	-0.50	0.0086	3693	-0.56	0.0431	139	-0.56	0.0078	4518	-0.62	0.0671	55	-0.57	0.0206	638
Math Grade 7	-0.38	0.0087	3606	-0.36	0.0450	168	-0.43	0.0080	4330	-0.43	0.0822	51	-0.52	0.0220	620
Math Grade 8	-0.52	0.0113	2634	-0.55	0.0508	130	-0.57	0.0103	3281	-0.33	0.1067	34	-0.66	0.0278	538
NC Math 1	-0.39	0.0083	3951	-0.44	0.0487	123	-0.45	0.0078	4200	-0.45	0.0956	26	-0.43	0.0217	533
NC Math 3	-0.18	0.0110	2793	-0.15	0.0461	108	-0.16	0.0103	2740	-0.29	0.1951	10	-0.20	0.0283	356
ACT Composite	-0.10	0.0107	1994	-0.05	0.0500	88	-0.12	0.0094	2361	0.15	0.1320	10	-0.11	0.0260	306
ACT English	-0.07	0.0122	2001	0.00	0.0544	89	-0.11	0.0102	2367	0.08	0.1863	10	-0.10	0.0306	307
ACT Math	-0.15	0.0117	2000	-0.05	0.0499	89	-0.13	0.0102	2368	0.07	0.1691	10	-0.15	0.0264	307
ACT Reading	-0.12	0.0136	1995	-0.05	0.0650	88	-0.14	0.0117	2364	0.26	0.1048	10	-0.08	0.0313	306
ACT Science	-0.03	0.0131	1996	-0.02	0.0698	88	-0.07	0.0123	2364	0.11	0.1423	10	-0.08	0.0334	306

**Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Northeast-N - 2021**

	Urbanicity Split by SBE Region and EDS								
	City School			Rural			Town		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.28	0.0130	1778	-0.25	0.0027	44168	-0.23	0.0079	5612
Reading Grade 3	-0.17	0.0835	63	-0.20	0.0156	1908	-0.24	0.0496	197
Reading Grade 4	-0.22	0.0786	62	-0.28	0.0150	1987	-0.47	0.0446	220
Reading Grade 5	-0.19	0.0685	62	-0.17	0.0118	2061	-0.19	0.0321	271
Reading Grade 6	-0.04	0.0586	66	-0.22	0.0102	2213	-0.26	0.0304	261
Reading Grade 7	-0.22	0.0497	82	-0.21	0.0092	2438	-0.33	0.0268	337
Reading Grade 8	-0.30	0.0437	105	-0.21	0.0095	2391	-0.31	0.0269	324
English II	-0.05	0.0393	122	0.02	0.0090	2528	-0.07	0.0241	327
Science Grade 5	-0.34	0.0764	62	-0.42	0.0146	2057	-0.25	0.0390	269
Science Grade 8	-0.39	0.0464	106	-0.29	0.0109	2422	-0.38	0.0313	326
Biology	-0.24	0.0440	122	-0.33	0.0095	2418	-0.42	0.0289	266
Math Grade 5	-0.73	0.0706	62	-0.51	0.0137	2060	-0.53	0.0332	270
Math Grade 6	-0.39	0.0595	66	-0.48	0.0122	2196	-0.47	0.0332	260
Math Grade 7	-0.30	0.0559	82	-0.33	0.0109	2441	-0.50	0.0277	337
Math Grade 8	-0.84	0.0815	60	-0.53	0.0159	1661	-0.51	0.0395	231
NC Math 1	-0.66	0.0546	91	-0.34	0.0110	2516	-0.40	0.0298	291
NC Math 3	-0.35	0.0436	138	-0.06	0.0119	2306	-0.11	0.0330	315
ACT Composite	-0.19	0.0411	113	-0.14	0.0099	2173	0.12	0.0284	285
ACT English	-0.18	0.0459	113	-0.13	0.0116	2175	0.20	0.0358	285
ACT Math	-0.23	0.0451	113	-0.16	0.0110	2175	0.11	0.0352	285
ACT Reading	-0.18	0.0515	113	-0.11	0.0126	2174	0.06	0.0324	285
ACT Science	-0.11	0.0563	113	-0.10	0.0125	2174	0.08	0.0328	285

**Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Northeast-Y - 2021**

	Urbanicity Split by SBE Region and EDS								
	City School			Rural			Town		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.36	0.0109	2690	-0.35	0.0033	31993	-0.34	0.0125	2223
Reading Grade 3	-0.30	0.0540	124	-0.34	0.0153	1823	-0.31	0.0604	126
Reading Grade 4	-0.38	0.0542	150	-0.50	0.0152	1806	-0.72	0.0707	98
Reading Grade 5	-0.31	0.0446	144	-0.26	0.0121	1926	-0.26	0.0412	136
Reading Grade 6	-0.12	0.0374	169	-0.20	0.0114	1921	-0.29	0.0500	124
Reading Grade 7	-0.22	0.0357	164	-0.17	0.0111	1936	-0.23	0.0419	154
Reading Grade 8	-0.27	0.0342	171	-0.15	0.0112	1812	-0.24	0.0444	114
English II	-0.01	0.0397	129	0.01	0.0113	1543	0.02	0.0498	91
Science Grade 5	-0.63	0.0449	144	-0.70	0.0150	1919	-0.53	0.0572	133
Science Grade 8	-0.45	0.0391	172	-0.39	0.0124	1807	-0.32	0.0466	118
Biology	-0.41	0.0430	127	-0.40	0.0131	1410	-0.39	0.0581	77
Math Grade 5	-0.67	0.0529	141	-0.69	0.0135	1918	-0.67	0.0464	137
Math Grade 6	-0.49	0.0360	171	-0.59	0.0126	1918	-0.59	0.0476	124
Math Grade 7	-0.34	0.0403	163	-0.39	0.0121	1932	-0.55	0.0384	154
Math Grade 8	-0.78	0.0471	146	-0.61	0.0151	1615	-0.62	0.0546	105
NC Math 1	-0.66	0.0425	165	-0.38	0.0125	1717	-0.44	0.0536	102
NC Math 3	-0.31	0.0512	109	-0.12	0.0153	1247	-0.26	0.0579	87
ACT Composite	-0.12	0.0495	82	-0.14	0.0139	997	-0.06	0.0523	86
ACT English	-0.11	0.0521	82	-0.14	0.0154	998	-0.02	0.0581	86
ACT Math	-0.12	0.0549	82	-0.15	0.0153	999	-0.07	0.0584	86
ACT Reading	-0.08	0.0571	82	-0.16	0.0172	998	-0.12	0.0613	86
ACT Science	-0.13	0.0643	82	-0.06	0.0179	998	-0.02	0.0623	86

**Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Northwest-N - 2021**

	Urbanicity Split by SBE Region and EDS											
	City			City School			Rural			Suburb		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.07	0.0303	287	-0.17	0.0083	4599	-0.16	0.0025	48115	-0.23	0.0060	7981
Reading Grade 3	.	.	.	-0.14	0.0444	225	-0.01	0.0150	1919	-0.01	0.0353	317
Reading Grade 4	.	.	.	-0.21	0.0487	190	-0.13	0.0142	1970	-0.27	0.0374	300
Reading Grade 5	0.14	0.0817	39	-0.10	0.0398	181	-0.07	0.0114	2096	-0.12	0.0262	349
Reading Grade 6	-0.14	0.0715	30	-0.21	0.0341	221	-0.14	0.0101	2258	-0.21	0.0257	342
Reading Grade 7	-0.01	0.0736	23	-0.28	0.0335	211	-0.21	0.0094	2558	-0.19	0.0234	399
Reading Grade 8	-0.00	0.1127	15	-0.15	0.0311	246	-0.16	0.0087	2653	-0.22	0.0226	408
English II	.	.	.	0.10	0.0262	320	0.05	0.0083	2894	-0.03	0.0212	467
Science Grade 5	0.12	0.0789	39	-0.22	0.0498	181	-0.21	0.0133	2095	-0.28	0.0342	351
Science Grade 8	-0.18	0.1171	16	-0.22	0.0330	247	-0.12	0.0096	2669	-0.20	0.0242	409
Biology	.	.	.	-0.23	0.0297	298	-0.23	0.0090	2720	-0.44	0.0211	482
Math Grade 5	0.03	0.0735	39	-0.42	0.0463	182	-0.29	0.0131	2094	-0.39	0.0319	349
Math Grade 6	-0.37	0.0811	30	-0.47	0.0364	220	-0.27	0.0114	2257	-0.46	0.0252	344
Math Grade 7	-0.38	0.0772	23	-0.36	0.0333	211	-0.30	0.0099	2559	-0.29	0.0251	396
Math Grade 8	-0.49	0.1265	16	-0.28	0.0466	192	-0.34	0.0140	2002	-0.39	0.0326	381
NC Math 1	.	.	.	-0.20	0.0313	289	-0.20	0.0095	2943	-0.36	0.0204	497
NC Math 3	.	.	.	-0.04	0.0370	256	-0.04	0.0111	2557	-0.02	0.0272	437
ACT Composite	.	.	.	-0.03	0.0291	237	-0.13	0.0090	2484	-0.16	0.0212	438
ACT English	.	.	.	0.01	0.0356	237	-0.10	0.0108	2488	-0.12	0.0251	438
ACT Math	.	.	.	-0.13	0.0335	237	-0.16	0.0101	2485	-0.15	0.0242	438
ACT Reading	.	.	.	0.01	0.0371	237	-0.10	0.0114	2486	-0.16	0.0286	438
ACT Science	.	.	.	-0.02	0.0374	237	-0.11	0.0112	2485	-0.16	0.0259	438



**Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Northwest-Y - 2021**

	Urbanicity Split by SBE Region and EDS											
	City			City School			Rural			Suburb		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.04	0.0859	31	-0.25	0.0090	4257	-0.21	0.0030	34593	-0.26	0.0066	7070
Reading Grade 3	.	.	.	-0.07	0.0473	221	-0.06	0.0148	2093	-0.10	0.0323	389
Reading Grade 4	.	.	.	-0.30	0.0453	235	-0.23	0.0143	1994	-0.38	0.0319	400
Reading Grade 5	.	.	.	-0.21	0.0335	244	-0.12	0.0117	1989	-0.18	0.0258	375
Reading Grade 6	.	.	.	-0.19	0.0336	265	-0.13	0.0113	2035	-0.21	0.0248	381
Reading Grade 7	.	.	.	-0.23	0.0284	275	-0.17	0.0108	2108	-0.13	0.0226	412
Reading Grade 8	.	.	.	-0.02	0.0296	237	-0.14	0.0105	1963	-0.15	0.0239	439
English II	.	.	.	0.05	0.0325	199	0.06	0.0116	1633	0.02	0.0263	319
Science Grade 5	.	.	.	-0.46	0.0437	245	-0.32	0.0141	1991	-0.34	0.0333	376
Science Grade 8	.	.	.	-0.27	0.0335	236	-0.16	0.0117	1979	-0.18	0.0257	444
Biology	.	.	.	-0.28	0.0383	167	-0.30	0.0129	1445	-0.46	0.0251	318
Math Grade 5	.	.	.	-0.53	0.0387	246	-0.38	0.0135	1990	-0.46	0.0314	373
Math Grade 6	.	.	.	-0.56	0.0299	266	-0.35	0.0118	2037	-0.46	0.0264	381
Math Grade 7	.	.	.	-0.40	0.0314	276	-0.34	0.0112	2110	-0.36	0.0249	406
Math Grade 8	.	.	.	-0.43	0.0479	212	-0.38	0.0150	1802	-0.41	0.0298	428
NC Math 1	.	.	.	-0.26	0.0341	268	-0.30	0.0125	1822	-0.38	0.0248	389
NC Math 3	.	.	.	-0.01	0.0473	140	-0.12	0.0160	1211	-0.05	0.0330	265
ACT Composite	.	.	.	-0.10	0.0386	133	-0.14	0.0132	1117	-0.16	0.0265	248
ACT English	.	.	.	-0.07	0.0418	133	-0.12	0.0149	1123	-0.14	0.0288	248
ACT Math	.	.	.	-0.15	0.0453	133	-0.20	0.0140	1121	-0.13	0.0275	248
ACT Reading	.	.	.	-0.11	0.0468	133	-0.12	0.0171	1121	-0.16	0.0365	248
ACT Science	.	.	.	-0.04	0.0504	133	-0.10	0.0169	1120	-0.16	0.0360	248

**Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Piedmont Triad-N - 2021**

	Urbanicity Split by SBE Region and EDS														
	City			City School			Rural			Suburb			Town		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.23	0.0019	95707	-0.24	0.0064	7484	-0.23	0.0021	71027	-0.08	0.0130	1894	-0.29	0.0054	10546
Reading Grade 3	-0.02	0.0108	4289	-0.26	0.0368	326	-0.10	0.0130	2860	-0.07	0.0580	133	-0.17	0.0359	361
Reading Grade 4	-0.17	0.0101	4411	-0.36	0.0353	352	-0.23	0.0123	3036	-0.03	0.0589	122	-0.42	0.0332	407
Reading Grade 5	-0.13	0.0076	4846	-0.15	0.0283	311	-0.15	0.0091	3210	0.06	0.0474	129	-0.16	0.0233	516
Reading Grade 6	-0.24	0.0073	4765	-0.06	0.0257	395	-0.22	0.0085	3450	-0.07	0.0423	127	-0.20	0.0217	525
Reading Grade 7	-0.26	0.0067	5168	-0.12	0.0213	403	-0.26	0.0079	3732	-0.12	0.0382	125	-0.23	0.0198	572
Reading Grade 8	-0.22	0.0067	5027	-0.18	0.0207	408	-0.26	0.0076	3868	-0.18	0.0395	133	-0.19	0.0196	582
English II	0.04	0.0064	5351	0.08	0.0220	409	0.05	0.0069	4151	0.30	0.0633	45	-0.06	0.0191	603
Science Grade 5	-0.37	0.0093	4837	-0.42	0.0333	312	-0.25	0.0111	3215	-0.18	0.0567	129	-0.34	0.0290	517
Science Grade 8	-0.26	0.0074	5030	-0.16	0.0243	405	-0.24	0.0086	3895	-0.27	0.0442	134	-0.26	0.0223	586
Biology	-0.28	0.0071	5210	-0.31	0.0234	424	-0.28	0.0080	4061	-0.05	0.0587	45	-0.45	0.0184	646
Math Grade 5	-0.38	0.0091	4846	-0.53	0.0332	312	-0.37	0.0110	3207	-0.14	0.0507	129	-0.42	0.0261	518
Math Grade 6	-0.52	0.0078	4766	-0.39	0.0293	396	-0.43	0.0095	3445	0.05	0.0439	127	-0.40	0.0228	526
Math Grade 7	-0.45	0.0073	5166	-0.38	0.0243	404	-0.37	0.0086	3725	-0.05	0.0446	125	-0.42	0.0195	574
Math Grade 8	-0.60	0.0119	2360	-0.45	0.0349	285	-0.56	0.0124	2592	-0.11	0.1062	57	-0.61	0.0296	398
NC Math 1	-0.49	0.0078	5200	-0.46	0.0266	457	-0.40	0.0082	4010	-0.17	0.0486	109	-0.48	0.0227	540
NC Math 3	-0.26	0.0078	5327	-0.10	0.0310	391	-0.13	0.0090	3999	-0.19	0.0678	49	-0.21	0.0257	538
ACT Composite	-0.07	0.0072	4882	-0.15	0.0241	377	-0.13	0.0076	3711	-0.03	0.0826	45	-0.22	0.0199	535
ACT English	-0.04	0.0083	4891	-0.12	0.0278	377	-0.11	0.0090	3716	0.04	0.0860	45	-0.16	0.0223	535
ACT Math	-0.08	0.0080	4889	-0.17	0.0265	377	-0.14	0.0083	3715	-0.10	0.0719	45	-0.20	0.0200	535
ACT Reading	-0.08	0.0089	4886	-0.14	0.0293	377	-0.11	0.0096	3714	-0.06	0.1196	45	-0.24	0.0257	535
ACT Science	-0.07	0.0086	4887	-0.12	0.0290	377	-0.12	0.0095	3714	0.02	0.0954	45	-0.19	0.0257	535

**Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Piedmont Triad-Y - 2021**

	Urbanicity Split by SBE Region and EDS														
	City			City School			Rural			Suburb			Town		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.31	0.0023	65266	-0.32	0.0062	8832	-0.29	0.0027	43583	-0.22	0.0381	211	-0.33	0.0073	6326
Reading Grade 3	-0.15	0.0110	3856	-0.41	0.0309	493	-0.17	0.0134	2529	-0.66	0.1757	11	-0.14	0.0362	371
Reading Grade 4	-0.34	0.0105	3812	-0.57	0.0294	507	-0.37	0.0128	2473	-0.14	0.1391	23	-0.49	0.0348	363
Reading Grade 5	-0.19	0.0085	3909	-0.25	0.0242	550	-0.20	0.0103	2600	-0.07	0.0945	17	-0.21	0.0271	416
Reading Grade 6	-0.17	0.0079	3928	-0.10	0.0234	477	-0.24	0.0098	2645	-0.02	0.1095	17	-0.16	0.0273	390
Reading Grade 7	-0.17	0.0080	3911	-0.15	0.0198	563	-0.23	0.0096	2587	-0.00	0.1495	15	-0.18	0.0274	389
Reading Grade 8	-0.13	0.0081	3666	-0.14	0.0216	520	-0.21	0.0096	2434	.	.	.	-0.16	0.0244	365
English II	0.06	0.0082	3120	0.09	0.0219	398	0.05	0.0100	2143	.	.	.	-0.05	0.0268	321
Science Grade 5	-0.61	0.0098	3881	-0.48	0.0281	547	-0.40	0.0126	2599	-0.51	0.0906	17	-0.49	0.0323	413
Science Grade 8	-0.33	0.0085	3639	-0.31	0.0206	522	-0.30	0.0106	2449	.	.	.	-0.29	0.0256	367
Biology	-0.37	0.0091	3044	-0.34	0.0246	406	-0.32	0.0112	2021	.	.	.	-0.44	0.0295	258
Math Grade 5	-0.57	0.0094	3910	-0.59	0.0246	545	-0.46	0.0118	2596	-0.43	0.1196	17	-0.53	0.0269	419
Math Grade 6	-0.56	0.0087	3912	-0.50	0.0260	477	-0.53	0.0104	2642	-0.17	0.1461	17	-0.52	0.0291	390
Math Grade 7	-0.44	0.0085	3898	-0.45	0.0221	569	-0.43	0.0103	2583	-0.21	0.1227	16	-0.49	0.0251	389
Math Grade 8	-0.55	0.0109	2809	-0.54	0.0275	461	-0.57	0.0137	2050	.	.	.	-0.59	0.0345	307
NC Math 1	-0.46	0.0095	3414	-0.49	0.0256	448	-0.44	0.0108	2421	.	.	.	-0.40	0.0300	328
NC Math 3	-0.28	0.0107	2617	-0.30	0.0323	295	-0.17	0.0142	1648	.	.	.	-0.29	0.0368	228
ACT Composite	-0.18	0.0103	2107	-0.18	0.0264	269	-0.13	0.0118	1361	.	.	.	-0.27	0.0356	168
ACT English	-0.16	0.0110	2114	-0.16	0.0308	271	-0.13	0.0138	1364	.	.	.	-0.28	0.0394	168
ACT Math	-0.19	0.0109	2113	-0.20	0.0287	271	-0.18	0.0130	1362	.	.	.	-0.27	0.0335	168
ACT Reading	-0.17	0.0129	2112	-0.16	0.0364	269	-0.10	0.0148	1362	.	.	.	-0.20	0.0429	168
ACT Science	-0.13	0.0133	2111	-0.15	0.0323	269	-0.10	0.0158	1362	.	.	.	-0.28	0.0471	168

**Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Sandhills-N - 2021**

	Urbanicity Split by SBE Region and EDS											
	City			City School			Rural			Town		
<b>Assessment</b>	<b>Effect Size</b>	<b>Std Error of Effect Size</b>	<b>N</b>	<b>Effect Size</b>	<b>Std Error of Effect Size</b>	<b>N</b>	<b>Effect Size</b>	<b>Std Error of Effect Size</b>	<b>N</b>	<b>Effect Size</b>	<b>Std Error of Effect Size</b>	<b>N</b>
All in Common	-0.30	0.0036	26283	-0.26	0.0088	3944	-0.28	0.0029	40602	-0.28	0.0051	12857
Reading Grade 3	-0.20	0.0189	1321	-0.08	0.0428	205	-0.13	0.0161	1726	-0.11	0.0299	569
Reading Grade 4	-0.36	0.0177	1467	-0.30	0.0500	166	-0.24	0.0165	1665	-0.17	0.0284	620
Reading Grade 5	-0.20	0.0131	1575	-0.07	0.0380	178	-0.20	0.0124	1949	-0.15	0.0216	597
Reading Grade 6	-0.17	0.0160	992	-0.15	0.0379	179	-0.26	0.0111	1960	-0.14	0.0201	603
Reading Grade 7	-0.20	0.0130	1479	-0.23	0.0316	211	-0.27	0.0105	2174	-0.22	0.0178	676
Reading Grade 8	-0.21	0.0124	1441	-0.08	0.0313	227	-0.20	0.0103	2171	-0.19	0.0172	760
English II	-0.00	0.0133	1376	-0.01	0.0328	184	0.05	0.0092	2339	0.01	0.0177	753
Science Grade 5	-0.52	0.0152	1578	-0.31	0.0503	176	-0.46	0.0159	1947	-0.30	0.0265	597
Science Grade 8	-0.27	0.0137	1465	-0.31	0.0356	228	-0.27	0.0119	2189	-0.22	0.0200	765
Biology	-0.38	0.0141	1335	-0.18	0.0358	175	-0.25	0.0109	2178	-0.30	0.0186	685
Math Grade 5	-0.60	0.0146	1571	-0.34	0.0510	177	-0.55	0.0153	1954	-0.54	0.0245	597
Math Grade 6	-0.53	0.0170	996	-0.41	0.0439	179	-0.51	0.0129	1961	-0.51	0.0216	602
Math Grade 7	-0.48	0.0132	1487	-0.34	0.0347	211	-0.46	0.0113	2174	-0.55	0.0194	678
Math Grade 8	-0.65	0.0185	1025	-0.44	0.0569	137	-0.54	0.0155	1797	-0.66	0.0387	234
NC Math 1	-0.43	0.0151	1267	-0.48	0.0368	203	-0.41	0.0111	2263	-0.60	0.0187	807
NC Math 3	-0.28	0.0169	1368	-0.04	0.0376	239	-0.08	0.0125	2276	-0.07	0.0225	864
ACT Composite	-0.14	0.0141	1181	-0.32	0.0294	221	-0.20	0.0100	2028	-0.24	0.0192	662
ACT English	-0.11	0.0167	1181	-0.33	0.0331	222	-0.19	0.0113	2031	-0.15	0.0221	664
ACT Math	-0.26	0.0147	1182	-0.24	0.0340	221	-0.23	0.0110	2032	-0.25	0.0206	664
ACT Reading	-0.08	0.0176	1182	-0.31	0.0374	222	-0.18	0.0131	2033	-0.23	0.0226	662
ACT Science	-0.08	0.0171	1182	-0.26	0.0367	222	-0.15	0.0123	2031	-0.25	0.0231	662

**Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Sandhills-Y - 2021**

	Urbanicity Split by SBE Region and EDS											
	City			City School			Rural			Town		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.36	0.0034	29732	-0.35	0.0112	2592	-0.37	0.0033	32815	-0.36	0.0052	12293
Reading Grade 3	-0.33	0.0185	1400	-0.31	0.0542	144	-0.23	0.0153	1872	-0.24	0.0243	756
Reading Grade 4	-0.49	0.0172	1514	-0.51	0.0538	142	-0.43	0.0150	2003	-0.39	0.0240	747
Reading Grade 5	-0.26	0.0139	1478	-0.23	0.0452	169	-0.31	0.0124	1958	-0.24	0.0192	709
Reading Grade 6	-0.18	0.0112	1940	-0.17	0.0390	171	-0.23	0.0116	2023	-0.17	0.0182	776
Reading Grade 7	-0.21	0.0110	1764	-0.17	0.0346	181	-0.24	0.0111	1995	-0.20	0.0170	761
Reading Grade 8	-0.19	0.0120	1533	-0.08	0.0328	156	-0.17	0.0113	1885	-0.17	0.0178	757
English II	0.03	0.0121	1628	-0.08	0.0499	85	0.01	0.0112	1527	-0.03	0.0194	594
Science Grade 5	-0.72	0.0157	1459	-0.61	0.0451	169	-0.75	0.0146	1951	-0.61	0.0234	699
Science Grade 8	-0.40	0.0133	1563	-0.38	0.0395	157	-0.40	0.0124	1910	-0.39	0.0205	750
Biology	-0.46	0.0129	1513	-0.30	0.0474	89	-0.36	0.0141	1232	-0.43	0.0229	515
Math Grade 5	-0.77	0.0143	1475	-0.52	0.0464	168	-0.73	0.0137	1954	-0.70	0.0221	703
Math Grade 6	-0.60	0.0118	1942	-0.49	0.0386	170	-0.59	0.0121	2024	-0.57	0.0194	776
Math Grade 7	-0.52	0.0123	1758	-0.38	0.0406	181	-0.46	0.0121	1988	-0.53	0.0184	760
Math Grade 8	-0.65	0.0160	1333	-0.42	0.0568	125	-0.59	0.0146	1782	-0.61	0.0282	446
NC Math 1	-0.42	0.0111	1982	-0.54	0.0576	125	-0.46	0.0120	1685	-0.54	0.0196	732
NC Math 3	-0.25	0.0152	1329	-0.27	0.0506	86	-0.18	0.0152	1259	-0.18	0.0264	569
ACT Composite	-0.19	0.0137	1087	-0.34	0.0532	72	-0.21	0.0145	1004	-0.27	0.0239	362
ACT English	-0.19	0.0160	1093	-0.37	0.0588	72	-0.22	0.0155	1005	-0.24	0.0248	363
ACT Math	-0.25	0.0148	1092	-0.32	0.0619	72	-0.19	0.0157	1006	-0.31	0.0254	363
ACT Reading	-0.15	0.0174	1090	-0.21	0.0727	72	-0.19	0.0179	1006	-0.22	0.0302	362
ACT Science	-0.12	0.0180	1088	-0.32	0.0602	72	-0.15	0.0183	1005	-0.22	0.0320	362

**Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Southeast-N - 2021**

	Urbanicity Split by SBE Region and EDS								
	City			Rural			Town		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.16	0.0028	42247	-0.21	0.0023	60180	-0.21	0.0056	10305
Reading Grade 3	0.06	0.0152	1828	-0.15	0.0130	2600	-0.07	0.0321	431
Reading Grade 4	-0.08	0.0147	1968	-0.22	0.0125	2751	-0.12	0.0290	498
Reading Grade 5	-0.13	0.0116	2086	-0.10	0.0097	3014	-0.07	0.0220	514
Reading Grade 6	-0.21	0.0107	2109	-0.20	0.0090	2976	-0.14	0.0215	480
Reading Grade 7	-0.20	0.0101	2242	-0.18	0.0083	3320	-0.19	0.0197	551
Reading Grade 8	-0.18	0.0099	2348	-0.17	0.0082	3319	-0.13	0.0189	592
English II	0.08	0.0088	2496	0.05	0.0076	3299	0.15	0.0182	594
Science Grade 5	-0.22	0.0141	2092	-0.32	0.0118	3013	-0.24	0.0287	516
Science Grade 8	-0.18	0.0105	2386	-0.16	0.0090	3347	-0.28	0.0204	603
Biology	-0.24	0.0108	2410	-0.22	0.0092	3016	-0.46	0.0182	561
Math Grade 5	-0.34	0.0131	2080	-0.37	0.0112	3010	-0.34	0.0272	515
Math Grade 6	-0.38	0.0116	2103	-0.43	0.0098	2969	-0.53	0.0241	482
Math Grade 7	-0.34	0.0107	2239	-0.34	0.0092	3317	-0.46	0.0219	553
Math Grade 8	-0.44	0.0165	1617	-0.41	0.0131	2485	-0.56	0.0305	457
NC Math 1	-0.32	0.0118	2271	-0.32	0.0090	3607	-0.37	0.0213	550
NC Math 3	-0.09	0.0127	2131	-0.08	0.0114	2801	-0.15	0.0237	556
ACT Composite	-0.01	0.0109	1992	-0.13	0.0086	2826	-0.07	0.0203	481
ACT English	0.04	0.0131	1997	-0.12	0.0100	2828	-0.05	0.0228	482
ACT Math	-0.08	0.0127	1994	-0.15	0.0093	2827	-0.10	0.0244	481
ACT Reading	0.00	0.0132	1994	-0.14	0.0109	2828	-0.05	0.0248	482
ACT Science	-0.03	0.0132	1995	-0.08	0.0108	2828	-0.06	0.0256	482

**Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Southeast-Y - 2021**

	Urbanicity Split by SBE Region and EDS								
	City			Rural			Town		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.25	0.0039	22125	-0.29	0.0031	33924	-0.28	0.0078	5555
Reading Grade 3	-0.10	0.0195	1219	-0.22	0.0157	1902	-0.20	0.0361	347
Reading Grade 4	-0.33	0.0187	1271	-0.35	0.0153	1938	-0.32	0.0365	322
Reading Grade 5	-0.18	0.0144	1292	-0.22	0.0114	1990	-0.17	0.0262	351
Reading Grade 6	-0.18	0.0142	1357	-0.20	0.0121	1914	-0.04	0.0284	308
Reading Grade 7	-0.15	0.0130	1340	-0.18	0.0110	2032	-0.15	0.0260	341
Reading Grade 8	-0.13	0.0140	1274	-0.12	0.0109	1971	-0.12	0.0277	301
English II	0.08	0.0147	1067	0.02	0.0117	1553	0.09	0.0291	285
Science Grade 5	-0.43	0.0192	1293	-0.56	0.0147	1982	-0.50	0.0325	351
Science Grade 8	-0.27	0.0152	1298	-0.26	0.0121	1983	-0.36	0.0283	306
Biology	-0.32	0.0173	950	-0.32	0.0136	1413	-0.42	0.0281	224
Math Grade 5	-0.52	0.0158	1282	-0.53	0.0133	1979	-0.54	0.0325	349
Math Grade 6	-0.47	0.0143	1361	-0.50	0.0121	1913	-0.47	0.0333	311
Math Grade 7	-0.38	0.0146	1334	-0.39	0.0113	2035	-0.43	0.0287	340
Math Grade 8	-0.48	0.0186	1129	-0.50	0.0152	1801	-0.60	0.0379	283
NC Math 1	-0.31	0.0152	1243	-0.37	0.0116	1951	-0.39	0.0297	321
NC Math 3	-0.18	0.0201	741	-0.16	0.0169	1178	-0.23	0.0352	197
ACT Composite	-0.07	0.0176	681	-0.17	0.0131	1112	-0.13	0.0340	163
ACT English	-0.06	0.0208	685	-0.17	0.0142	1114	-0.09	0.0422	163
ACT Math	-0.13	0.0202	684	-0.15	0.0139	1114	-0.23	0.0385	163
ACT Reading	-0.05	0.0216	683	-0.18	0.0170	1113	-0.10	0.0386	163
ACT Science	-0.02	0.0224	682	-0.12	0.0173	1114	-0.08	0.0438	163

**Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Southwest-N - 2021**

	Urbanicity Split by SBE Region and EDS														
	City			City School			Rural			Suburb			Town		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.20	0.0017	120469	-0.23	0.0058	9247	-0.12	0.0015	148054	-0.14	0.0035	26663	-0.15	0.0085	5044
Reading Grade 3	-0.15	0.0090	5811	0.05	0.0307	402	-0.01	0.0087	6133	-0.20	0.0208	1083	-0.27	0.0434	235
Reading Grade 4	-0.23	0.0088	5944	-0.25	0.0290	448	-0.08	0.0082	6493	-0.27	0.0206	1092	-0.15	0.0410	234
Reading Grade 5	-0.15	0.0064	6509	-0.23	0.0273	424	-0.04	0.0062	6804	-0.08	0.0156	1283	0.03	0.0309	238
Reading Grade 6	-0.18	0.0061	6297	-0.23	0.0225	449	-0.17	0.0057	7282	-0.11	0.0130	1383	-0.16	0.0275	300
Reading Grade 7	-0.21	0.0059	6810	-0.25	0.0224	482	-0.20	0.0054	7707	-0.19	0.0128	1414	-0.21	0.0283	318
Reading Grade 8	-0.16	0.0056	6519	-0.28	0.0233	482	-0.21	0.0053	7910	-0.17	0.0119	1444	-0.16	0.0262	264
English II	0.14	0.0051	7112	0.09	0.0188	570	0.08	0.0047	8889	0.08	0.0111	1538	0.12	0.0267	282
Science Grade 5	-0.46	0.0079	6489	-0.25	0.0315	427	-0.19	0.0076	6801	-0.24	0.0183	1295	-0.19	0.0418	238
Science Grade 8	-0.30	0.0064	6549	-0.32	0.0252	482	-0.18	0.0060	7928	-0.14	0.0133	1457	-0.24	0.0301	266
Biology	-0.26	0.0061	7163	-0.28	0.0195	549	-0.22	0.0054	8439	-0.20	0.0133	1390	-0.32	0.0283	296
Math Grade 5	-0.38	0.0080	6491	-0.31	0.0296	427	-0.18	0.0075	6809	-0.24	0.0177	1294	-0.10	0.0450	238
Math Grade 6	-0.42	0.0073	6279	-0.40	0.0241	448	-0.24	0.0067	7261	-0.18	0.0140	1379	-0.45	0.0297	300
Math Grade 7	-0.36	0.0067	6806	-0.49	0.0227	482	-0.22	0.0063	7679	-0.17	0.0143	1411	-0.43	0.0282	317
Math Grade 8	-0.59	0.0109	3361	-0.69	0.0375	290	-0.39	0.0093	4818	-0.36	0.0215	993	-0.54	0.0495	138
NC Math 1	-0.31	0.0069	7193	-0.34	0.0209	577	-0.24	0.0060	8401	-0.26	0.0142	1471	-0.36	0.0281	295
NC Math 3	-0.00	0.0071	6919	0.09	0.0230	523	0.04	0.0061	8696	-0.01	0.0151	1413	0.05	0.0403	239
ACT Composite	-0.00	0.0076	5012	-0.13	0.0201	461	-0.02	0.0056	7735	-0.04	0.0131	1346	0.16	0.0426	217
ACT English	0.03	0.0090	5035	-0.16	0.0233	462	0.01	0.0065	7741	0.00	0.0161	1348	0.27	0.0505	217
ACT Math	0.00	0.0095	5027	-0.17	0.0227	462	-0.04	0.0065	7741	-0.09	0.0151	1346	0.11	0.0421	217
ACT Reading	-0.02	0.0085	5030	-0.07	0.0284	462	-0.01	0.0068	7741	-0.04	0.0154	1348	0.07	0.0463	217
ACT Science	-0.03	0.0090	5032	-0.07	0.0253	461	-0.02	0.0068	7742	-0.05	0.0161	1348	0.12	0.0475	217



**Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Southwest-Y - 2021**

	Urbanicity Split by SBE Region and EDS														
	City			City School			Rural			Suburb			Town		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.36	0.0025	59349	-0.28	0.0076	5623	-0.25	0.0022	66163	-0.26	0.0044	16742	-0.44	0.0136	2025
Reading Grade 3	-0.30	0.0118	3534	-0.18	0.0394	300	-0.16	0.0115	3654	-0.25	0.0213	952	-0.32	0.0705	122
Reading Grade 4	-0.45	0.0115	3536	-0.35	0.0369	316	-0.29	0.0111	3543	-0.40	0.0219	953	-0.59	0.0629	141
Reading Grade 5	-0.27	0.0085	3577	-0.19	0.0309	312	-0.15	0.0085	3761	-0.23	0.0173	956	-0.30	0.0506	129
Reading Grade 6	-0.18	0.0083	3595	-0.13	0.0266	327	-0.16	0.0084	3866	-0.14	0.0152	990	-0.18	0.0503	115
Reading Grade 7	-0.19	0.0080	3687	-0.19	0.0297	307	-0.18	0.0079	3955	-0.13	0.0164	918	-0.28	0.0421	126
Reading Grade 8	-0.14	0.0082	3403	-0.16	0.0266	334	-0.14	0.0081	3633	-0.13	0.0148	952	-0.21	0.0398	134
English II	0.12	0.0081	3125	0.05	0.0279	267	0.07	0.0078	3427	0.03	0.0156	858	-0.07	0.0447	78
Science Grade 5	-0.74	0.0103	3551	-0.45	0.0382	314	-0.44	0.0108	3741	-0.59	0.0209	973	-0.83	0.0509	132
Science Grade 8	-0.38	0.0087	3388	-0.37	0.0292	333	-0.26	0.0088	3661	-0.22	0.0169	956	-0.52	0.0508	138
Biology	-0.37	0.0093	3091	-0.37	0.0307	267	-0.30	0.0086	3183	-0.26	0.0186	754	-0.57	0.0541	71
Math Grade 5	-0.67	0.0096	3560	-0.47	0.0331	312	-0.42	0.0098	3759	-0.48	0.0197	973	-0.73	0.0503	129
Math Grade 6	-0.61	0.0092	3586	-0.44	0.0273	324	-0.45	0.0089	3868	-0.30	0.0167	991	-0.71	0.0522	117
Math Grade 7	-0.49	0.0088	3689	-0.50	0.0289	308	-0.36	0.0087	3957	-0.27	0.0175	916	-0.56	0.0471	125
Math Grade 8	-0.62	0.0118	2593	-0.61	0.0352	302	-0.45	0.0112	3156	-0.47	0.0218	844	-0.64	0.0564	127
NC Math 1	-0.45	0.0092	3540	-0.37	0.0281	331	-0.34	0.0087	3772	-0.34	0.0177	985	-0.50	0.0526	96
NC Math 3	-0.12	0.0115	2630	-0.04	0.0373	238	-0.07	0.0111	2731	-0.13	0.0226	637	-0.27	0.0581	78
ACT Composite	-0.19	0.0124	1570	-0.13	0.0331	193	-0.14	0.0097	2243	-0.14	0.0198	552	-0.22	0.0668	49
ACT English	-0.18	0.0149	1584	-0.19	0.0338	195	-0.14	0.0107	2246	-0.11	0.0236	556	-0.16	0.0833	49
ACT Math	-0.25	0.0135	1581	-0.16	0.0354	195	-0.15	0.0108	2247	-0.22	0.0211	554	-0.19	0.0683	49
ACT Reading	-0.14	0.0149	1580	-0.11	0.0400	193	-0.12	0.0123	2246	-0.08	0.0239	555	-0.26	0.0775	49
ACT Science	-0.16	0.0155	1579	-0.02	0.0428	193	-0.09	0.0125	2245	-0.13	0.0249	554	-0.21	0.0840	49

**Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Western-N - 2021**

	Urbanicity Split by SBE Region and EDS														
	City			City School			Rural			Suburb			Town		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.25	0.0223	618	-0.28	0.0112	3153	-0.21	0.0036	23540	-0.18	0.0029	36348	-0.19	0.0090	3820
Reading Grade 3	0.38	0.1137	36	-0.28	0.0550	167	0.08	0.0211	934	0.02	0.0167	1543	0.05	0.0728	81
Reading Grade 4	0.14	0.0880	41	-0.35	0.0547	162	-0.15	0.0204	977	-0.06	0.0164	1517	-0.21	0.0608	110
Reading Grade 5	-0.06	0.0695	57	-0.12	0.0390	165	-0.08	0.0147	1066	-0.12	0.0129	1697	-0.16	0.0387	168
Reading Grade 6	-0.16	0.0645	58	-0.34	0.0384	145	-0.18	0.0142	1121	-0.23	0.0122	1674	-0.15	0.0330	198
Reading Grade 7	-0.12	0.0576	47	-0.31	0.0362	143	-0.25	0.0127	1296	-0.23	0.0105	1913	-0.23	0.0285	215
Reading Grade 8	-0.18	0.0473	54	-0.33	0.0524	81	-0.24	0.0132	1304	-0.19	0.0102	1942	-0.34	0.0290	214
English II	.	.	.	0.04	0.0388	214	0.03	0.0124	1345	0.11	0.0099	2089	0.07	0.0266	231
Science Grade 5	-0.54	0.0589	57	-0.52	0.0428	164	-0.27	0.0194	1067	-0.31	0.0147	1692	-0.53	0.0428	168
Science Grade 8	-0.24	0.0638	54	-0.31	0.0565	92	-0.24	0.0135	1317	-0.17	0.0113	1962	-0.24	0.0295	218
Biology	.	.	.	-0.51	0.0398	207	-0.35	0.0136	1288	-0.23	0.0106	2126	-0.26	0.0325	207
Math Grade 5	-0.52	0.0742	57	-0.56	0.0406	165	-0.40	0.0177	1068	-0.41	0.0148	1694	-0.41	0.0460	167
Math Grade 6	-0.46	0.0642	58	-0.77	0.0375	147	-0.43	0.0160	1122	-0.44	0.0132	1677	-0.36	0.0391	197
Math Grade 7	-0.35	0.0600	47	-0.67	0.0375	144	-0.44	0.0136	1294	-0.38	0.0118	1918	-0.28	0.0298	213
Math Grade 8	-0.80	0.1071	27	-0.77	0.0847	54	-0.55	0.0202	906	-0.39	0.0176	1271	-0.46	0.0593	89
NC Math 1	-0.33	0.0680	25	-0.68	0.0361	157	-0.32	0.0152	1255	-0.22	0.0109	2102	-0.29	0.0344	245
NC Math 3	.	.	.	-0.48	0.0418	172	-0.11	0.0176	1247	0.07	0.0130	2110	-0.00	0.0330	203
ACT Composite	.	.	.	0.02	0.0384	189	-0.10	0.0128	1236	-0.10	0.0111	1903	-0.03	0.0360	219
ACT English	.	.	.	0.02	0.0417	190	-0.06	0.0159	1236	-0.07	0.0131	1907	-0.00	0.0454	221
ACT Math	.	.	.	-0.05	0.0407	189	-0.17	0.0141	1236	-0.17	0.0127	1906	-0.04	0.0380	219
ACT Reading	.	.	.	0.13	0.0506	189	-0.06	0.0165	1236	-0.07	0.0132	1908	-0.07	0.0445	220
ACT Science	.	.	.	-0.03	0.0472	189	-0.08	0.0160	1236	-0.09	0.0136	1907	-0.02	0.0414	220

**Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Western-Y - 2021**

	Urbanicity Split by SBE Region and EDS														
	City			City School			Rural			Suburb			Town		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.25	0.0722	79	-0.32	0.0154	1597	-0.28	0.0049	13709	-0.25	0.0038	22358	-0.30	0.0120	2197
Reading Grade 3	.	.	.	-0.38	0.0673	122	-0.06	0.0248	759	-0.12	0.0197	1224	-0.23	0.0638	96
Reading Grade 4	.	.	.	-0.74	0.0645	113	-0.23	0.0244	754	-0.24	0.0187	1241	-0.36	0.0649	106
Reading Grade 5	.	.	.	-0.16	0.0499	99	-0.21	0.0183	793	-0.18	0.0147	1306	-0.35	0.0453	134
Reading Grade 6	.	.	.	-0.17	0.0471	89	-0.17	0.0191	790	-0.19	0.0146	1263	-0.16	0.0431	136
Reading Grade 7	0.13	0.1222	10	-0.23	0.0612	78	-0.23	0.0163	834	-0.19	0.0137	1406	-0.15	0.0410	132
Reading Grade 8	.	.	.	-0.33	0.0568	51	-0.20	0.0182	755	-0.14	0.0133	1247	-0.20	0.0467	117
English II	.	.	.	-0.04	0.0449	91	0.02	0.0179	680	0.09	0.0145	1101	-0.01	0.0515	102
Science Grade 5	.	.	.	-0.61	0.0636	97	-0.45	0.0226	795	-0.46	0.0173	1294	-0.72	0.0509	130
Science Grade 8	.	.	.	-0.26	0.0671	57	-0.23	0.0190	767	-0.18	0.0149	1251	-0.20	0.0456	117
Biology	.	.	.	-0.49	0.0561	84	-0.37	0.0199	631	-0.23	0.0161	963	-0.22	0.0462	91
Math Grade 5	.	.	.	-0.60	0.0574	99	-0.58	0.0216	796	-0.53	0.0159	1302	-0.66	0.0500	133
Math Grade 6	.	.	.	-0.63	0.0560	87	-0.50	0.0199	788	-0.51	0.0149	1263	-0.43	0.0476	134
Math Grade 7	-0.44	0.2415	10	-0.48	0.0576	83	-0.48	0.0185	837	-0.37	0.0141	1405	-0.38	0.0477	132
Math Grade 8	.	.	.	-0.58	0.0806	50	-0.58	0.0238	657	-0.43	0.0190	1072	-0.47	0.0587	96
NC Math 1	.	.	.	-0.47	0.0551	86	-0.43	0.0195	735	-0.26	0.0158	1247	-0.15	0.0488	114
NC Math 3	.	.	.	-0.44	0.0660	72	-0.20	0.0275	502	-0.02	0.0198	880	-0.15	0.0576	88
ACT Composite	.	.	.	0.08	0.0539	62	-0.14	0.0198	467	-0.15	0.0168	754	-0.23	0.0465	85
ACT English	.	.	.	0.02	0.0601	63	-0.12	0.0228	468	-0.13	0.0190	755	-0.33	0.0496	86
ACT Math	.	.	.	0.03	0.0658	62	-0.17	0.0215	468	-0.26	0.0171	755	-0.20	0.0507	85
ACT Reading	.	.	.	0.13	0.0676	62	-0.12	0.0251	468	-0.08	0.0208	754	-0.20	0.0648	86
ACT Science	.	.	.	0.11	0.0896	62	-0.12	0.0262	467	-0.12	0.0220	755	-0.10	0.0588	85

**Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - North Central-N - 2018**

	Urbanicity Split by SBE Region and EDS														
	City			City School			Rural			Suburb			Town		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	0.05	0.0012	181009	0.18	0.0050	12168	-0.00	0.0016	98496	0.08	0.0073	4681	0.03	0.0043	13261
Reading Grade 3	0.13	0.0063	9081	0.32	0.0251	516	-0.07	0.0092	4723	0.28	0.0902	51	-0.01	0.0249	583
Reading Grade 4	0.00	0.0050	9307	0.06	0.0190	623	-0.03	0.0069	5091	-0.07	0.0314	241	0.05	0.0182	707
Reading Grade 5	-0.04	0.0047	9327	-0.03	0.0201	578	-0.03	0.0067	5132	0.01	0.0287	232	-0.03	0.0182	664
Reading Grade 6	0.06	0.0046	9405	0.03	0.0172	664	0.02	0.0065	4863	0.02	0.0259	335	0.02	0.0171	680
Reading Grade 7	0.06	0.0048	8813	-0.05	0.0190	602	0.10	0.0068	4762	0.12	0.0301	295	0.09	0.0176	707
Reading Grade 8	0.06	0.0049	8806	-0.02	0.0189	611	0.06	0.0069	4644	0.00	0.0269	302	0.06	0.0177	673
English II	0.04	0.0045	9818	0.08	0.0156	687	-0.03	0.0065	5333	0.07	0.0301	232	0.03	0.0167	715
Science Grade 5	-0.07	0.0057	9276	-0.00	0.0225	573	-0.01	0.0078	5091	0.10	0.0364	232	0.13	0.0205	658
Science Grade 8	0.05	0.0051	8828	0.10	0.0199	612	0.12	0.0075	4660	0.02	0.0269	304	0.06	0.0180	676
Biology	0.08	0.0047	10085	-0.02	0.0180	742	0.02	0.0071	5417	0.15	0.0303	239	0.07	0.0208	629
Math Grade 5	0.03	0.0049	9324	0.16	0.0204	578	-0.00	0.0072	5130	-0.02	0.0334	231	-0.00	0.0184	664
Math Grade 6	0.12	0.0050	9398	0.08	0.0171	663	-0.06	0.0071	4856	0.02	0.0237	334	0.11	0.0196	681
Math Grade 7	0.03	0.0047	8810	0.01	0.0176	600	0.04	0.0065	4762	0.08	0.0273	295	0.02	0.0191	706
Math Grade 8	-0.06	0.0094	3320	0.28	0.0324	274	-0.02	0.0101	2862	0.24	0.0378	184	0.07	0.0250	463
NC Math 1	0.04	0.0048	10021	0.34	0.0164	723	-0.03	0.0067	5441	0.16	0.0281	289	0.02	0.0176	700
ACT Composite	0.10	0.0053	9452	0.48	0.0214	624	-0.03	0.0061	5139	0.15	0.0340	177	-0.00	0.0165	670
ACT English	0.09	0.0063	9493	0.55	0.0245	625	-0.02	0.0073	5148	0.19	0.0386	177	0.00	0.0211	671
ACT Math	0.13	0.0062	9487	0.51	0.0264	625	-0.03	0.0070	5148	0.32	0.0417	177	-0.04	0.0187	671
ACT Reading	0.05	0.0061	9483	0.30	0.0240	624	-0.02	0.0075	5148	0.07	0.0445	177	0.02	0.0213	671
ACT Science	0.09	0.0063	9475	0.42	0.0251	624	-0.04	0.0076	5146	0.03	0.0410	177	-0.01	0.0217	672

**Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - North Central-Y - 2018**

	Urbanicity Split by SBE Region and EDS														
	City			City School			Rural			Suburb			Town		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.05	0.0017	95146	0.01	0.0085	3796	-0.05	0.0018	87624	0.21	0.0245	503	-0.03	0.0046	12579
Reading Grade 3	-0.17	0.0081	5730	-0.02	0.0434	213	-0.22	0.0090	5038	0.60	0.1035	31	-0.16	0.0225	736
Reading Grade 4	-0.08	0.0065	5934	-0.06	0.0309	258	-0.09	0.0073	5158	0.17	0.0646	52	-0.01	0.0183	784
Reading Grade 5	-0.07	0.0064	5641	-0.18	0.0318	220	-0.08	0.0071	5056	0.07	0.0746	35	-0.04	0.0179	734
Reading Grade 6	-0.01	0.0063	5731	-0.01	0.0328	203	-0.05	0.0067	5239	-0.02	0.0682	44	-0.08	0.0174	762
Reading Grade 7	0.06	0.0065	5154	-0.05	0.0349	222	0.09	0.0069	4686	0.16	0.0790	37	0.05	0.0178	712
Reading Grade 8	0.02	0.0072	4679	0.02	0.0352	184	0.03	0.0074	4341	0.28	0.0844	37	0.04	0.0203	587
English II	0.03	0.0072	4541	0.08	0.0326	182	-0.08	0.0075	4438	.	.	.	-0.11	0.0189	637
Science Grade 5	-0.13	0.0080	5584	-0.20	0.0369	216	-0.10	0.0083	5003	0.66	0.1174	35	0.16	0.0229	728
Science Grade 8	-0.08	0.0075	4688	0.10	0.0385	182	0.06	0.0084	4359	-0.10	0.0853	37	0.04	0.0204	590
Biology	0.04	0.0082	4486	-0.04	0.0344	203	-0.02	0.0087	4077	.	.	.	-0.06	0.0254	457
Math Grade 5	-0.06	0.0069	5629	-0.07	0.0337	220	-0.06	0.0076	5039	0.16	0.1066	35	0.00	0.0196	734
Math Grade 6	-0.04	0.0067	5715	-0.11	0.0339	203	-0.14	0.0069	5231	0.06	0.0759	44	-0.06	0.0185	763
Math Grade 7	-0.01	0.0065	5139	0.03	0.0319	220	0.02	0.0070	4676	0.41	0.0709	37	-0.11	0.0197	708
Math Grade 8	-0.10	0.0084	3907	0.13	0.0384	172	-0.07	0.0088	3716	0.23	0.0979	32	0.05	0.0231	540
NC Math 1	-0.03	0.0070	5339	0.08	0.0344	200	-0.07	0.0071	4841	0.30	0.1594	10	-0.07	0.0197	694
ACT Composite	-0.09	0.0076	3428	0.17	0.0409	139	-0.04	0.0072	3338	.	.	.	-0.02	0.0176	480
ACT English	-0.13	0.0088	3457	0.16	0.0467	140	-0.06	0.0086	3352	.	.	.	-0.04	0.0211	483
ACT Math	-0.08	0.0085	3461	0.13	0.0517	140	-0.04	0.0082	3348	.	.	.	-0.04	0.0202	485
ACT Reading	-0.05	0.0089	3458	0.18	0.0466	140	0.01	0.0089	3347	.	.	.	0.04	0.0217	484
ACT Science	-0.09	0.0096	3445	0.10	0.0469	139	-0.08	0.0092	3341	.	.	.	-0.06	0.0243	481

**Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Northeast-N - 2018**

	Urbanicity Split by SBE Region and EDS								
	City School			Rural			Town		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	0.01	0.0099	2292	-0.00	0.0024	43755	0.05	0.0069	5528
Reading Grade 3	0.09	0.0723	61	-0.06	0.0145	2034	0.04	0.0430	193
Reading Grade 4	0.11	0.0555	74	0.01	0.0108	2129	-0.07	0.0293	266
Reading Grade 5	0.03	0.0518	96	-0.04	0.0107	2121	0.05	0.0256	289
Reading Grade 6	0.12	0.0505	71	0.01	0.0099	2106	-0.01	0.0285	274
Reading Grade 7	0.02	0.0443	91	0.06	0.0103	2120	0.06	0.0285	301
Reading Grade 8	0.06	0.0484	107	0.02	0.0102	2141	-0.01	0.0294	297
English II	-0.10	0.0350	162	-0.02	0.0090	2519	0.04	0.0254	318
Science Grade 5	0.41	0.0654	95	0.00	0.0122	2104	0.24	0.0340	287
Science Grade 8	0.02	0.0512	108	0.01	0.0112	2146	-0.20	0.0307	297
Biology	-0.15	0.0377	154	0.06	0.0104	2336	0.16	0.0260	356
Math Grade 5	0.25	0.0479	96	-0.01	0.0108	2118	0.05	0.0269	289
Math Grade 6	0.23	0.0484	71	0.01	0.0106	2104	0.09	0.0292	274
Math Grade 7	0.02	0.0361	91	0.06	0.0101	2116	0.10	0.0263	302
Math Grade 8	-0.04	0.0450	72	0.06	0.0152	1295	-0.08	0.0520	143
NC Math 1	-0.20	0.0382	128	0.01	0.0100	2556	-0.05	0.0260	362
ACT Composite	-0.03	0.0269	163	-0.05	0.0090	2359	0.12	0.0279	256
ACT English	-0.02	0.0314	163	-0.07	0.0103	2364	0.13	0.0330	256
ACT Math	-0.03	0.0367	163	-0.01	0.0106	2364	0.15	0.0337	256
ACT Reading	0.00	0.0400	163	-0.04	0.0112	2363	0.07	0.0355	256
ACT Science	-0.04	0.0337	163	-0.06	0.0112	2360	0.13	0.0337	256

**Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Northeast-Y - 2018**

	Urbanicity Split by SBE Region and EDS								
	City School			Rural			Town		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	0.04	0.0093	2978	-0.06	0.0026	41062	0.01	0.0085	3851
Reading Grade 3	0.05	0.0439	195	-0.20	0.0129	2450	-0.08	0.0584	132
Reading Grade 4	0.01	0.0382	165	-0.08	0.0102	2565	-0.09	0.0315	245
Reading Grade 5	-0.08	0.0370	172	-0.09	0.0101	2454	-0.02	0.0308	226
Reading Grade 6	0.05	0.0321	173	-0.09	0.0097	2403	0.04	0.0334	238
Reading Grade 7	0.08	0.0451	129	0.06	0.0102	2136	0.09	0.0366	210
Reading Grade 8	0.05	0.0460	118	0.02	0.0109	1947	-0.01	0.0428	175
English II	-0.12	0.0370	167	-0.06	0.0101	2063	0.05	0.0366	196
Science Grade 5	0.26	0.0474	170	-0.09	0.0122	2436	0.01	0.0402	223
Science Grade 8	0.02	0.0456	114	-0.03	0.0122	1953	-0.17	0.0379	175
Biology	-0.04	0.0352	168	0.02	0.0129	1841	0.21	0.0345	199
Math Grade 5	0.15	0.0371	170	-0.08	0.0107	2452	-0.03	0.0350	225
Math Grade 6	0.19	0.0356	172	-0.11	0.0103	2404	-0.02	0.0339	237
Math Grade 7	0.09	0.0428	127	-0.02	0.0108	2131	0.16	0.0352	209
Math Grade 8	-0.03	0.0457	105	0.00	0.0134	1653	-0.12	0.0587	86
NC Math 1	-0.16	0.0374	173	-0.04	0.0103	2313	-0.03	0.0343	240
ACT Composite	0.06	0.0341	132	-0.07	0.0105	1569	0.03	0.0307	167
ACT English	0.03	0.0457	132	-0.10	0.0120	1575	0.11	0.0360	167
ACT Math	0.00	0.0391	132	-0.06	0.0121	1575	0.05	0.0357	167
ACT Reading	0.14	0.0447	132	-0.02	0.0126	1573	0.00	0.0395	167
ACT Science	0.04	0.0453	132	-0.08	0.0135	1569	-0.03	0.0442	167

**Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Northwest-N - 2018**

	Urbanicity Split by SBE Region and EDS											
	City			City School			Rural			Suburb		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.05	0.0310	219	0.08	0.0078	4356	0.05	0.0022	48626	0.03	0.0055	7756
Reading Grade 3	-0.05	0.0855	31	0.04	0.0432	219	0.12	0.0132	2066	-0.00	0.0315	319
Reading Grade 4	-0.05	0.1128	23	-0.07	0.0359	214	0.05	0.0101	2310	0.08	0.0259	367
Reading Grade 5	-0.06	0.0826	30	0.06	0.0302	211	0.03	0.0098	2324	0.04	0.0238	390
Reading Grade 6	-0.00	0.0989	19	0.02	0.0346	181	0.03	0.0092	2458	0.04	0.0233	363
Reading Grade 7	-0.10	0.1509	11	0.10	0.0296	202	0.10	0.0091	2443	0.18	0.0226	366
Reading Grade 8	.	.	.	0.13	0.0375	176	0.06	0.0098	2321	0.04	0.0240	364
English II	.	.	.	0.02	0.0273	250	-0.03	0.0089	2655	-0.06	0.0202	481
Science Grade 5	-0.13	0.0911	30	0.22	0.0407	209	0.12	0.0119	2313	0.01	0.0265	385
Science Grade 8	.	.	.	0.10	0.0356	178	0.12	0.0100	2330	0.06	0.0224	366
Biology	.	.	.	0.02	0.0281	286	0.03	0.0093	2735	-0.11	0.0208	437
Math Grade 5	-0.15	0.0751	30	0.22	0.0335	211	0.05	0.0097	2322	-0.04	0.0250	390
Math Grade 6	-0.07	0.0807	19	0.01	0.0332	181	0.08	0.0092	2456	0.01	0.0261	363
Math Grade 7	0.13	0.0687	11	0.07	0.0278	202	0.10	0.0091	2439	0.18	0.0240	365
Math Grade 8	.	.	.	0.09	0.0500	104	0.13	0.0117	1756	0.17	0.0293	287
NC Math 1	.	.	.	0.10	0.0342	242	0.09	0.0092	2636	-0.05	0.0257	358
ACT Composite	.	.	.	0.10	0.0299	258	-0.01	0.0080	2611	0.01	0.0200	431
ACT English	.	.	.	0.07	0.0347	258	-0.01	0.0100	2614	0.00	0.0249	431
ACT Math	.	.	.	0.09	0.0322	258	0.01	0.0095	2614	0.03	0.0251	431
ACT Reading	.	.	.	0.12	0.0361	258	-0.03	0.0103	2612	0.00	0.0246	431
ACT Science	.	.	.	0.08	0.0366	258	-0.01	0.0106	2611	-0.00	0.0252	431



**Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Northwest-Y - 2018**

	Urbanicity Split by SBE Region and EDS											
	City			City School			Rural			Suburb		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.06	0.1009	35	0.02	0.0070	5322	0.02	0.0025	42016	0.00	0.0053	8701
Reading Grade 3	.	.	.	0.06	0.0317	331	0.00	0.0127	2390	-0.01	0.0292	423
Reading Grade 4	.	.	.	-0.05	0.0284	311	-0.01	0.0101	2510	0.08	0.0226	467
Reading Grade 5	.	.	.	-0.07	0.0269	317	-0.02	0.0102	2376	0.01	0.0233	481
Reading Grade 6	.	.	.	0.01	0.0251	347	0.03	0.0096	2382	-0.00	0.0211	478
Reading Grade 7	.	.	.	0.11	0.0275	320	0.14	0.0100	2182	0.21	0.0237	438
Reading Grade 8	.	.	.	-0.03	0.0342	253	0.04	0.0110	1898	0.05	0.0236	445
English II	.	.	.	0.04	0.0319	237	-0.05	0.0104	2171	-0.10	0.0234	432
Science Grade 5	.	.	.	0.10	0.0349	316	0.08	0.0125	2355	-0.08	0.0256	477
Science Grade 8	.	.	.	-0.06	0.0333	254	0.14	0.0113	1902	0.08	0.0229	446
Biology	.	.	.	0.02	0.0345	214	0.06	0.0113	2065	-0.07	0.0235	405
Math Grade 5	.	.	.	0.11	0.0272	316	-0.01	0.0106	2370	-0.07	0.0237	482
Math Grade 6	.	.	.	-0.10	0.0261	346	0.05	0.0101	2380	0.01	0.0215	478
Math Grade 7	.	.	.	0.02	0.0252	318	0.10	0.0103	2180	0.13	0.0225	435
Math Grade 8	.	.	.	-0.03	0.0348	220	0.09	0.0122	1763	0.01	0.0267	425
NC Math 1	.	.	.	0.02	0.0329	254	0.02	0.0101	2326	-0.11	0.0221	449
ACT Composite	.	.	.	0.10	0.0292	193	-0.06	0.0097	1752	-0.00	0.0194	388
ACT English	.	.	.	-0.01	0.0333	194	-0.09	0.0116	1754	-0.04	0.0229	388
ACT Math	.	.	.	0.07	0.0308	194	-0.04	0.0112	1754	0.01	0.0230	388
ACT Reading	.	.	.	0.17	0.0389	194	-0.04	0.0122	1754	0.02	0.0252	388
ACT Science	.	.	.	0.11	0.0394	193	-0.07	0.0127	1752	0.00	0.0253	388

**Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Piedmont Triad-N - 2018**

	Urbanicity Split by SBE Region and EDS														
	City			City School			Rural			Suburb			Town		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	0.06	0.0016	98706	0.02	0.0058	7199	0.02	0.0019	66610	0.10	0.0120	1825	0.01	0.0051	9831
Reading Grade 3	0.10	0.0092	4601	-0.13	0.0350	330	0.09	0.0116	2886	-0.07	0.0645	88	-0.18	0.0340	331
Reading Grade 4	0.02	0.0071	5039	-0.03	0.0261	335	0.02	0.0086	3266	0.09	0.0465	136	0.11	0.0246	369
Reading Grade 5	-0.00	0.0067	4944	-0.04	0.0270	319	-0.05	0.0082	3205	0.07	0.0389	139	-0.03	0.0212	465
Reading Grade 6	0.04	0.0066	4859	0.05	0.0243	344	0.02	0.0083	3167	0.12	0.0381	138	0.02	0.0198	419
Reading Grade 7	0.10	0.0065	4928	0.10	0.0259	325	0.05	0.0081	3228	0.26	0.0405	132	0.12	0.0217	481
Reading Grade 8	0.11	0.0070	4752	0.06	0.0262	310	0.03	0.0081	3339	0.22	0.0387	120	0.07	0.0222	461
English II	0.05	0.0062	5321	0.09	0.0199	434	-0.01	0.0078	3649	-0.07	0.0574	40	-0.08	0.0197	575
Science Grade 5	0.03	0.0081	4915	-0.00	0.0301	319	0.02	0.0102	3185	0.13	0.0438	139	-0.09	0.0288	461
Science Grade 8	0.04	0.0073	4763	0.00	0.0309	311	0.09	0.0085	3347	-0.01	0.0363	120	0.17	0.0263	462
Biology	0.19	0.0069	5463	0.20	0.0245	441	0.14	0.0084	3677	0.15	0.0694	39	0.07	0.0223	565
Math Grade 5	0.04	0.0071	4941	0.09	0.0259	319	0.06	0.0086	3204	0.18	0.0373	139	0.07	0.0233	464
Math Grade 6	0.07	0.0071	4854	0.03	0.0241	345	0.04	0.0089	3169	0.03	0.0454	138	0.11	0.0245	419
Math Grade 7	0.07	0.0064	4928	-0.06	0.0241	325	0.01	0.0081	3226	0.26	0.0406	132	0.22	0.0215	481
Math Grade 8	-0.05	0.0111	2275	0.20	0.0347	183	0.01	0.0112	2184	0.40	0.1003	48	0.04	0.0347	223
NC Math 1	0.02	0.0070	5294	0.03	0.0240	406	0.07	0.0081	3543	0.14	0.0579	112	-0.07	0.0195	572
ACT Composite	0.06	0.0065	5361	-0.02	0.0188	430	-0.06	0.0069	3665	-0.17	0.0782	33	-0.07	0.0164	616
ACT English	0.06	0.0077	5370	-0.06	0.0222	430	-0.08	0.0083	3667	-0.16	0.1122	33	-0.05	0.0189	617
ACT Math	0.09	0.0076	5368	-0.10	0.0218	431	-0.02	0.0081	3668	-0.15	0.0982	33	-0.06	0.0183	617
ACT Reading	0.05	0.0076	5364	0.02	0.0253	431	-0.07	0.0086	3667	-0.21	0.0838	33	-0.05	0.0217	617
ACT Science	0.04	0.0080	5366	0.04	0.0245	431	-0.03	0.0091	3668	-0.12	0.0960	33	-0.07	0.0209	616

**Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Piedmont Triad-Y - 2018**

	Urbanicity Split by SBE Region and EDS														
	City			City School			Rural			Suburb			Town		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.03	0.0019	80594	-0.02	0.0049	10547	-0.02	0.0021	60808	-0.01	0.0482	140	-0.02	0.0057	8233
Reading Grade 3	-0.10	0.0092	4895	-0.23	0.0234	639	-0.03	0.0106	3438	-0.01	0.1435	10	-0.20	0.0303	425
Reading Grade 4	-0.07	0.0074	4887	-0.11	0.0203	706	-0.05	0.0088	3490	-0.08	0.1222	12	0.02	0.0234	429
Reading Grade 5	-0.06	0.0073	4449	-0.10	0.0188	655	-0.07	0.0085	3411	.	.	.	-0.02	0.0244	417
Reading Grade 6	-0.04	0.0069	4803	-0.04	0.0181	581	-0.04	0.0085	3478	0.05	0.1864	13	0.00	0.0215	498
Reading Grade 7	0.07	0.0076	4219	0.07	0.0197	536	0.04	0.0086	3311	.	.	.	0.02	0.0233	428
Reading Grade 8	0.07	0.0082	3772	0.01	0.0220	487	0.02	0.0092	2985	0.09	0.2279	12	-0.05	0.0259	385
English II	0.02	0.0076	3951	0.03	0.0204	507	-0.05	0.0089	3207	.	.	.	-0.13	0.0216	479
Science Grade 5	-0.06	0.0093	4408	-0.04	0.0211	651	-0.00	0.0101	3377	.	.	.	-0.09	0.0314	412
Science Grade 8	-0.04	0.0087	3777	-0.00	0.0261	489	0.07	0.0094	2988	-0.36	0.1248	12	0.12	0.0336	387
Biology	0.12	0.0086	4067	0.14	0.0229	523	0.19	0.0104	3221	.	.	.	0.02	0.0260	406
Math Grade 5	-0.04	0.0077	4441	0.04	0.0197	653	0.00	0.0086	3404	.	.	.	0.11	0.0253	414
Math Grade 6	-0.07	0.0073	4798	-0.04	0.0184	580	-0.04	0.0087	3477	-0.16	0.1247	13	0.01	0.0219	497
Math Grade 7	0.01	0.0075	4213	-0.00	0.0197	535	-0.01	0.0083	3304	.	.	.	0.15	0.0243	427
Math Grade 8	-0.08	0.0097	2994	0.12	0.0265	397	-0.06	0.0103	2595	.	.	.	0.05	0.0309	298
NC Math 1	0.02	0.0078	4715	0.04	0.0198	558	-0.00	0.0087	3374	0.06	0.2150	10	-0.05	0.0229	486
ACT Composite	-0.06	0.0079	3233	-0.04	0.0208	410	-0.10	0.0086	2347	.	.	.	-0.05	0.0188	368
ACT English	-0.07	0.0090	3245	-0.09	0.0250	410	-0.12	0.0100	2350	.	.	.	-0.06	0.0228	370
ACT Math	-0.07	0.0085	3246	-0.05	0.0219	410	-0.09	0.0093	2351	.	.	.	-0.10	0.0228	369
ACT Reading	0.01	0.0094	3243	0.04	0.0250	410	-0.05	0.0108	2351	.	.	.	-0.00	0.0256	369
ACT Science	-0.11	0.0099	3238	-0.06	0.0264	410	-0.10	0.0113	2349	.	.	.	-0.04	0.0268	369

**Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Sandhills-N - 2018**

	Urbanicity Split by SBE Region and EDS											
	City			City School			Rural			Town		
<b>Assessment</b>	<b>Effect Size</b>	<b>Std Error of Effect Size</b>	<b>N</b>	<b>Effect Size</b>	<b>Std Error of Effect Size</b>	<b>N</b>	<b>Effect Size</b>	<b>Std Error of Effect Size</b>	<b>N</b>	<b>Effect Size</b>	<b>Std Error of Effect Size</b>	<b>N</b>
All in Common	0.04	0.0029	31281	-0.01	0.0078	4304	0.02	0.0025	41371	-0.01	0.0047	12752
Reading Grade 3	0.15	0.0163	1601	-0.03	0.0533	159	0.14	0.0144	1858	0.01	0.0276	546
Reading Grade 4	0.10	0.0120	1765	0.14	0.0363	186	0.03	0.0112	2013	-0.02	0.0217	580
Reading Grade 5	-0.02	0.0117	1584	-0.03	0.0306	203	-0.03	0.0109	1979	0.00	0.0194	623
Reading Grade 6	-0.00	0.0123	1547	-0.05	0.0348	180	-0.00	0.0101	1981	0.01	0.0188	686
Reading Grade 7	0.03	0.0130	1465	0.07	0.0295	222	0.08	0.0105	2002	0.03	0.0187	612
Reading Grade 8	0.07	0.0130	1437	-0.00	0.0339	216	0.03	0.0106	1943	0.06	0.0176	684
English II	0.05	0.0109	1597	-0.01	0.0282	255	-0.00	0.0094	2338	-0.09	0.0162	800
Science Grade 5	0.15	0.0142	1566	0.23	0.0376	202	0.11	0.0134	1958	0.21	0.0226	618
Science Grade 8	0.22	0.0145	1454	-0.04	0.0344	218	0.12	0.0118	1951	0.01	0.0183	685
Biology	0.10	0.0122	1738	-0.06	0.0292	270	0.17	0.0115	2130	-0.01	0.0204	662
Math Grade 5	0.00	0.0126	1581	0.21	0.0270	203	0.02	0.0118	1978	0.01	0.0186	622
Math Grade 6	-0.02	0.0119	1545	-0.01	0.0414	180	0.05	0.0108	1981	0.00	0.0199	686
Math Grade 7	0.01	0.0125	1463	0.37	0.0370	222	0.03	0.0100	1999	0.05	0.0180	613
Math Grade 8	0.03	0.0163	1043	-0.23	0.0415	137	0.04	0.0129	1684	0.01	0.0327	256
NC Math 1	0.10	0.0133	1461	-0.08	0.0317	231	0.09	0.0114	2151	0.19	0.0234	884
ACT Composite	-0.05	0.0106	1682	-0.15	0.0258	244	-0.09	0.0086	2282	-0.15	0.0171	638
ACT English	-0.06	0.0130	1690	-0.15	0.0306	244	-0.10	0.0099	2285	-0.15	0.0210	640
ACT Math	-0.05	0.0126	1688	-0.12	0.0326	244	-0.07	0.0099	2287	-0.11	0.0196	640
ACT Reading	-0.03	0.0133	1688	-0.12	0.0308	244	-0.06	0.0109	2285	-0.12	0.0198	639
ACT Science	-0.05	0.0129	1686	-0.17	0.0364	244	-0.10	0.0108	2286	-0.13	0.0225	638

**Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Sandhills-Y - 2018**

	Urbanicity Split by SBE Region and EDS											
	City			City School			Rural			Town		
<b>Assessment</b>	<b>Effect Size</b>	<b>Std Error of Effect Size</b>	<b>N</b>	<b>Effect Size</b>	<b>Std Error of Effect Size</b>	<b>N</b>	<b>Effect Size</b>	<b>Std Error of Effect Size</b>	<b>N</b>	<b>Effect Size</b>	<b>Std Error of Effect Size</b>	<b>N</b>
All in Common	-0.02	0.0029	32750	-0.03	0.0094	2960	-0.02	0.0029	34737	-0.03	0.0044	14814
Reading Grade 3	-0.01	0.0145	1857	-0.21	0.0396	214	0.02	0.0130	2270	-0.18	0.0209	852
Reading Grade 4	0.04	0.0120	1894	0.06	0.0344	220	-0.03	0.0110	2183	-0.08	0.0179	783
Reading Grade 5	-0.03	0.0123	1722	-0.02	0.0356	177	-0.08	0.0106	2286	-0.03	0.0170	812
Reading Grade 6	-0.09	0.0120	1881	-0.09	0.0358	166	-0.07	0.0102	2125	-0.07	0.0159	924
Reading Grade 7	0.02	0.0124	1630	0.07	0.0341	156	0.07	0.0110	1925	0.04	0.0166	803
Reading Grade 8	0.02	0.0128	1514	-0.03	0.0419	136	-0.01	0.0122	1638	0.02	0.0183	742
English II	-0.02	0.0111	1714	-0.07	0.0373	147	-0.06	0.0121	1580	-0.09	0.0168	783
Science Grade 5	0.12	0.0150	1698	0.12	0.0414	175	0.02	0.0137	2262	0.12	0.0201	797
Science Grade 8	0.09	0.0141	1531	-0.07	0.0464	136	0.09	0.0136	1647	-0.03	0.0184	742
Biology	0.05	0.0132	1790	-0.05	0.0409	156	0.13	0.0155	1417	-0.01	0.0208	687
Math Grade 5	-0.05	0.0130	1717	0.08	0.0356	177	-0.06	0.0117	2278	-0.05	0.0175	810
Math Grade 6	-0.13	0.0115	1881	-0.04	0.0426	165	0.01	0.0108	2123	-0.06	0.0162	923
Math Grade 7	-0.04	0.0119	1627	0.28	0.0486	156	-0.01	0.0110	1917	0.00	0.0170	799
Math Grade 8	-0.04	0.0144	1338	-0.24	0.0462	124	0.01	0.0145	1563	-0.00	0.0293	385
NC Math 1	0.07	0.0121	1771	-0.04	0.0392	160	0.00	0.0133	1683	0.15	0.0211	1072
ACT Composite	-0.08	0.0111	1432	-0.10	0.0352	99	-0.09	0.0120	1168	-0.12	0.0184	579
ACT English	-0.10	0.0129	1439	-0.18	0.0418	99	-0.11	0.0133	1168	-0.09	0.0217	580
ACT Math	-0.09	0.0128	1440	-0.12	0.0460	99	-0.08	0.0135	1168	-0.13	0.0209	581
ACT Reading	-0.05	0.0137	1439	0.02	0.0451	99	-0.05	0.0147	1168	-0.09	0.0214	580
ACT Science	-0.09	0.0145	1435	-0.12	0.0496	99	-0.12	0.0156	1168	-0.14	0.0250	580

**Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Southeast-N - 2018**

	Urbanicity Split by SBE Region and EDS								
	City			Rural			Town		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	0.05	0.0025	40580	0.04	0.0022	54212	-0.05	0.0054	8773
Reading Grade 3	0.09	0.0132	2167	0.09	0.0132	2412	0.17	0.0317	418
Reading Grade 4	0.01	0.0109	2185	0.03	0.0095	2682	0.08	0.0239	391
Reading Grade 5	-0.02	0.0101	2192	0.01	0.0093	2602	-0.06	0.0242	411
Reading Grade 6	0.04	0.0098	2090	0.01	0.0088	2718	0.00	0.0214	434
Reading Grade 7	0.10	0.0105	1978	0.11	0.0088	2720	-0.02	0.0211	410
Reading Grade 8	0.08	0.0108	1796	0.06	0.0095	2550	0.01	0.0223	378
English II	0.00	0.0099	2133	0.02	0.0081	2957	0.01	0.0206	502
Science Grade 5	0.09	0.0123	2167	0.07	0.0116	2578	-0.06	0.0304	405
Science Grade 8	0.04	0.0116	1809	0.12	0.0096	2559	0.02	0.0257	375
Biology	0.21	0.0113	2111	0.22	0.0091	2964	-0.09	0.0197	535
Math Grade 5	0.02	0.0107	2192	0.04	0.0099	2600	-0.04	0.0264	411
Math Grade 6	0.01	0.0106	2092	-0.02	0.0090	2716	-0.09	0.0221	434
Math Grade 7	0.05	0.0100	1979	0.09	0.0089	2712	-0.13	0.0249	410
Math Grade 8	0.11	0.0144	1199	0.15	0.0119	1895	-0.10	0.0314	253
NC Math 1	0.07	0.0109	2149	0.07	0.0094	2957	-0.06	0.0213	473
ACT Composite	0.01	0.0094	2065	-0.04	0.0077	2915	-0.12	0.0186	506
ACT English	0.02	0.0114	2071	-0.04	0.0093	2919	-0.14	0.0221	508
ACT Math	0.05	0.0115	2072	-0.02	0.0090	2921	-0.07	0.0212	507
ACT Reading	-0.01	0.0123	2067	-0.03	0.0098	2917	-0.11	0.0236	506
ACT Science	-0.02	0.0122	2066	-0.04	0.0096	2918	-0.10	0.0258	506

**Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Southeast-Y - 2018**

	Urbanicity Split by SBE Region and EDS								
	City			Rural			Town		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.02	0.0032	27866	-0.01	0.0024	46163	-0.10	0.0053	9263
Reading Grade 3	-0.12	0.0147	1821	-0.03	0.0122	2721	-0.05	0.0272	566
Reading Grade 4	-0.07	0.0122	1799	-0.03	0.0094	2920	-0.07	0.0200	607
Reading Grade 5	-0.07	0.0120	1718	-0.07	0.0095	2797	-0.03	0.0211	580
Reading Grade 6	-0.02	0.0120	1646	-0.04	0.0094	2713	-0.06	0.0193	565
Reading Grade 7	0.07	0.0122	1483	0.07	0.0098	2443	-0.02	0.0210	482
Reading Grade 8	0.06	0.0139	1266	0.04	0.0107	2147	-0.00	0.0213	453
English II	-0.06	0.0134	1282	-0.07	0.0101	2251	-0.08	0.0235	404
Science Grade 5	-0.01	0.0147	1693	-0.04	0.0119	2759	-0.06	0.0265	574
Science Grade 8	-0.01	0.0144	1273	0.07	0.0113	2156	-0.08	0.0248	456
Biology	0.13	0.0163	1236	0.19	0.0122	2042	-0.22	0.0232	428
Math Grade 5	-0.04	0.0120	1718	-0.01	0.0101	2793	-0.05	0.0213	580
Math Grade 6	-0.07	0.0128	1648	-0.12	0.0094	2711	-0.10	0.0208	564
Math Grade 7	0.03	0.0128	1482	0.04	0.0100	2440	-0.22	0.0228	482
Math Grade 8	0.04	0.0156	1112	0.05	0.0126	1952	-0.21	0.0244	405
NC Math 1	-0.01	0.0136	1565	0.03	0.0101	2556	-0.08	0.0216	494
ACT Composite	-0.05	0.0136	1019	-0.06	0.0098	1748	-0.18	0.0239	324
ACT English	-0.06	0.0155	1029	-0.08	0.0111	1756	-0.21	0.0277	325
ACT Math	-0.05	0.0158	1030	-0.03	0.0113	1755	-0.14	0.0255	325
ACT Reading	-0.02	0.0170	1024	-0.01	0.0121	1752	-0.14	0.0288	325
ACT Science	-0.08	0.0177	1022	-0.09	0.0132	1751	-0.16	0.0302	324

**Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Southwest-N - 2018**

	Urbanicity Split by SBE Region and EDS														
	City			City School			Rural			Suburb			Town		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	0.03	0.0015	120567	0.01	0.0049	10458	0.04	0.0013	145264	0.06	0.0032	25989	0.04	0.0066	5634
Reading Grade 3	0.09	0.0075	6756	0.12	0.0263	494	0.12	0.0077	6607	-0.02	0.0173	1128	0.06	0.0384	227
Reading Grade 4	-0.01	0.0057	7296	-0.00	0.0226	471	0.03	0.0061	6832	0.01	0.0143	1296	0.03	0.0275	291
Reading Grade 5	-0.06	0.0057	6943	-0.10	0.0223	519	-0.02	0.0057	6967	0.05	0.0131	1307	0.05	0.0269	277
Reading Grade 6	0.01	0.0055	6722	0.08	0.0188	527	0.03	0.0054	7209	0.01	0.0128	1353	-0.01	0.0251	323
Reading Grade 7	0.04	0.0057	6392	0.13	0.0211	512	0.07	0.0053	7415	0.06	0.0133	1309	0.04	0.0234	312
Reading Grade 8	0.04	0.0060	5988	0.11	0.0206	471	0.04	0.0055	7115	0.04	0.0131	1326	0.01	0.0265	309
English II	0.05	0.0060	5638	-0.03	0.0187	610	0.02	0.0050	7916	0.03	0.0125	1406	0.05	0.0244	293
Science Grade 5	0.11	0.0068	6876	0.04	0.0277	514	0.00	0.0069	6911	0.01	0.0167	1298	-0.01	0.0310	273
Science Grade 8	0.02	0.0066	6007	0.08	0.0220	470	0.03	0.0061	7138	0.07	0.0135	1333	-0.04	0.0263	309
Biology	0.12	0.0067	5777	0.11	0.0196	644	0.11	0.0055	7776	0.31	0.0136	1338	0.04	0.0263	280
Math Grade 5	0.10	0.0060	6934	-0.07	0.0224	518	0.06	0.0058	6960	0.11	0.0133	1306	0.23	0.0288	276
Math Grade 6	0.12	0.0060	6715	-0.04	0.0207	526	0.09	0.0058	7203	0.23	0.0129	1352	-0.00	0.0241	322
Math Grade 7	0.12	0.0057	6390	-0.12	0.0193	512	0.07	0.0051	7420	0.24	0.0131	1309	0.09	0.0256	311
Math Grade 8	0.12	0.0099	3311	0.02	0.0306	278	0.09	0.0078	4585	0.12	0.0187	877	-0.02	0.0372	187
NC Math 1	0.11	0.0064	6213	0.03	0.0191	601	0.12	0.0054	8067	0.09	0.0142	1277	-0.08	0.0255	294
ACT Composite	-0.07	0.0072	5286	-0.04	0.0176	558	-0.01	0.0052	7818	-0.04	0.0123	1354	0.10	0.0308	270
ACT English	-0.08	0.0084	5340	-0.06	0.0220	559	-0.01	0.0062	7836	-0.07	0.0147	1356	0.15	0.0370	270
ACT Math	-0.02	0.0085	5327	-0.01	0.0217	558	0.06	0.0063	7835	0.04	0.0144	1355	0.13	0.0330	270
ACT Reading	-0.07	0.0080	5330	-0.02	0.0220	558	-0.03	0.0063	7832	-0.04	0.0150	1355	0.01	0.0348	270
ACT Science	-0.11	0.0089	5326	-0.05	0.0226	558	-0.02	0.0065	7822	-0.07	0.0156	1354	0.11	0.0361	270



**Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Southwest-Y - 2018**

	Urbanicity Split by SBE Region and EDS														
	City			City School			Rural			Suburb			Town		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	-0.06	0.0020	77058	-0.05	0.0070	5680	-0.04	0.0018	82290	-0.02	0.0037	20935	-0.10	0.0110	2278
Reading Grade 3	-0.10	0.0089	4747	-0.01	0.0344	327	-0.07	0.0092	4501	-0.12	0.0177	1202	0.06	0.0497	159
Reading Grade 4	-0.09	0.0074	4834	-0.10	0.0289	337	-0.07	0.0077	4582	-0.08	0.0160	1117	-0.02	0.0423	164
Reading Grade 5	-0.14	0.0073	4400	-0.13	0.0271	361	-0.06	0.0078	4359	-0.06	0.0158	1136	-0.07	0.0385	152
Reading Grade 6	-0.10	0.0072	4573	0.09	0.0247	329	-0.05	0.0072	4723	-0.07	0.0143	1192	-0.08	0.0455	126
Reading Grade 7	0.02	0.0075	4116	0.09	0.0295	299	0.05	0.0073	4423	0.04	0.0147	1065	-0.08	0.0416	121
Reading Grade 8	0.01	0.0079	3773	0.04	0.0322	265	-0.01	0.0079	3996	0.02	0.0153	998	-0.09	0.0478	106
English II	0.02	0.0077	3915	-0.05	0.0318	270	-0.05	0.0074	4322	-0.03	0.0149	1150	0.01	0.0482	90
Science Grade 5	0.03	0.0092	4333	-0.02	0.0364	356	-0.05	0.0090	4306	-0.10	0.0189	1114	-0.06	0.0518	150
Science Grade 8	-0.02	0.0087	3772	-0.04	0.0311	266	-0.01	0.0087	4008	0.10	0.0163	998	-0.17	0.0529	107
Biology	0.12	0.0086	3986	0.01	0.0278	329	0.08	0.0081	4062	0.19	0.0165	1110	-0.07	0.0582	91
Math Grade 5	-0.01	0.0079	4393	-0.12	0.0298	361	-0.02	0.0079	4347	-0.00	0.0162	1136	-0.04	0.0430	151
Math Grade 6	-0.04	0.0075	4565	-0.08	0.0280	331	-0.08	0.0074	4713	0.11	0.0151	1191	-0.11	0.0441	126
Math Grade 7	0.06	0.0075	4106	-0.13	0.0259	297	0.01	0.0073	4410	0.17	0.0151	1062	-0.00	0.0396	121
Math Grade 8	0.03	0.0102	3075	-0.05	0.0326	230	0.01	0.0090	3531	0.08	0.0183	908	-0.33	0.0551	95
NC Math 1	-0.01	0.0080	4373	-0.02	0.0267	334	-0.02	0.0073	4799	0.00	0.0152	1226	-0.10	0.0410	123
ACT Composite	-0.28	0.0092	2786	-0.11	0.0291	197	-0.09	0.0072	3434	-0.13	0.0147	866	-0.25	0.0460	79
ACT English	-0.32	0.0102	2841	-0.11	0.0363	198	-0.11	0.0080	3447	-0.17	0.0168	866	-0.31	0.0518	80
ACT Math	-0.22	0.0103	2828	-0.06	0.0338	198	-0.04	0.0081	3444	-0.05	0.0156	866	-0.22	0.0476	79
ACT Reading	-0.20	0.0110	2818	-0.09	0.0343	198	-0.06	0.0088	3444	-0.08	0.0175	866	-0.15	0.0570	79
ACT Science	-0.30	0.0119	2824	-0.13	0.0371	197	-0.11	0.0095	3439	-0.18	0.0200	866	-0.26	0.0608	79

**Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Western-N - 2018**

	Urbanicity Split by SBE Region and EDS														
	City			City School			Rural			Suburb			Town		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	0.02	0.0189	668	0.03	0.0092	3430	0.03	0.0033	22505	0.05	0.0028	33023	0.01	0.0082	3927
Reading Grade 3	0.43	0.0914	43	-0.01	0.0433	205	0.15	0.0197	1009	0.15	0.0173	1376	0.19	0.0531	120
Reading Grade 4	-0.08	0.0692	58	-0.15	0.0329	210	0.01	0.0144	1187	0.03	0.0128	1607	-0.09	0.0372	183
Reading Grade 5	0.05	0.0635	63	0.04	0.0370	184	-0.02	0.0140	1155	-0.01	0.0119	1610	-0.09	0.0357	183
Reading Grade 6	0.12	0.0543	59	-0.07	0.0340	176	-0.00	0.0139	1033	0.03	0.0116	1518	0.14	0.0280	219
Reading Grade 7	0.01	0.0555	57	-0.06	0.0349	143	0.08	0.0144	1091	0.11	0.0115	1517	0.07	0.0328	185
Reading Grade 8	0.08	0.0789	49	-0.08	0.0431	134	0.03	0.0149	1104	0.09	0.0116	1557	0.03	0.0372	183
English II	.	.	.	0.08	0.0370	162	0.02	0.0135	1209	0.05	0.0102	1901	-0.01	0.0287	218
Science Grade 5	-0.28	0.0499	62	-0.12	0.0437	182	0.05	0.0169	1143	0.05	0.0140	1597	-0.18	0.0385	181
Science Grade 8	-0.10	0.0527	49	-0.03	0.0452	136	0.06	0.0157	1112	0.13	0.0119	1562	0.18	0.0363	183
Biology	.	.	.	0.08	0.0337	194	0.13	0.0140	1203	0.08	0.0111	1909	-0.17	0.0297	219
Math Grade 5	0.17	0.0574	63	0.01	0.0370	184	-0.04	0.0143	1155	-0.00	0.0125	1607	-0.04	0.0337	183
Math Grade 6	0.11	0.0487	59	-0.07	0.0300	176	0.03	0.0141	1033	0.05	0.0121	1518	-0.06	0.0308	219
Math Grade 7	-0.11	0.0603	57	-0.08	0.0333	143	0.05	0.0134	1090	0.10	0.0118	1514	0.08	0.0300	185
Math Grade 8	-0.03	0.1248	21	-0.21	0.0790	53	0.14	0.0187	750	0.12	0.0159	1004	0.03	0.0552	78
NC Math 1	-0.13	0.0757	28	-0.36	0.0361	178	0.08	0.0137	1186	0.07	0.0117	1800	0.14	0.0321	213
ACT Composite	.	.	.	0.28	0.0335	194	-0.00	0.0116	1209	-0.00	0.0101	1883	-0.00	0.0341	235
ACT English	.	.	.	0.34	0.0429	194	0.00	0.0147	1209	-0.00	0.0125	1886	0.01	0.0407	235
ACT Math	.	.	.	0.15	0.0369	194	-0.00	0.0144	1209	-0.02	0.0122	1887	0.03	0.0354	235
ACT Reading	.	.	.	0.26	0.0390	194	-0.01	0.0145	1209	-0.01	0.0124	1885	-0.02	0.0384	235
ACT Science	.	.	.	0.25	0.0444	194	0.01	0.0150	1209	0.02	0.0128	1885	0.00	0.0417	235

**Effect Size by Subject Grade - Urbanicity Split by SBE Region and EDS - Western-Y - 2018**

	Urbanicity Split by SBE Region and EDS														
	City			City School			Rural			Suburb			Town		
Assessment	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N	Effect Size	Std Error of Effect Size	N
All in Common	0.09	0.0556	84	-0.12	0.0122	1969	-0.00	0.0038	18034	-0.01	0.0030	30804	-0.06	0.0101	2552
Reading Grade 3	.	.	.	-0.28	0.0521	145	0.07	0.0203	969	-0.02	0.0154	1648	0.12	0.0502	149
Reading Grade 4	.	.	.	-0.24	0.0454	133	-0.06	0.0162	1039	-0.01	0.0117	1888	-0.11	0.0406	140
Reading Grade 5	.	.	.	-0.05	0.0419	145	-0.05	0.0158	986	-0.06	0.0122	1758	-0.15	0.0460	146
Reading Grade 6	.	.	.	-0.13	0.0474	111	-0.04	0.0145	1063	-0.03	0.0113	1799	-0.02	0.0406	143
Reading Grade 7	0.29	0.1378	11	-0.06	0.0511	106	0.08	0.0153	980	0.10	0.0109	1681	0.01	0.0454	125
Reading Grade 8	.	.	.	-0.29	0.0575	90	-0.03	0.0169	903	0.00	0.0129	1559	-0.18	0.0447	135
English II	.	.	.	-0.07	0.0520	82	-0.05	0.0163	938	-0.05	0.0124	1552	-0.08	0.0439	136
Science Grade 5	.	.	.	-0.21	0.0541	142	0.07	0.0187	969	-0.01	0.0135	1736	-0.30	0.0464	145
Science Grade 8	.	.	.	-0.11	0.0550	89	0.02	0.0167	909	0.11	0.0132	1559	0.05	0.0437	135
Biology	.	.	.	-0.03	0.0501	77	0.07	0.0172	843	0.11	0.0139	1387	-0.04	0.0429	129
Math Grade 5	.	.	.	-0.17	0.0487	144	-0.07	0.0160	985	-0.06	0.0119	1759	-0.16	0.0362	146
Math Grade 6	.	.	.	-0.21	0.0429	112	-0.01	0.0140	1065	-0.03	0.0119	1800	-0.17	0.0397	143
Math Grade 7	0.02	0.1143	11	-0.11	0.0415	107	-0.01	0.0155	978	0.05	0.0118	1677	-0.04	0.0388	125
Math Grade 8	.	.	.	-0.19	0.0659	71	0.08	0.0193	771	0.05	0.0146	1370	-0.10	0.0463	112
NC Math 1	.	.	.	-0.17	0.0497	95	-0.01	0.0161	991	0.03	0.0129	1680	0.12	0.0407	128
ACT Composite	.	.	.	0.07	0.0555	64	-0.01	0.0151	729	-0.11	0.0126	1189	0.00	0.0415	103
ACT English	.	.	.	0.08	0.0734	64	-0.01	0.0182	729	-0.14	0.0149	1191	-0.01	0.0496	103
ACT Math	.	.	.	-0.06	0.0757	64	-0.04	0.0173	729	-0.13	0.0145	1191	-0.02	0.0391	103
ACT Reading	.	.	.	0.09	0.0623	64	0.00	0.0187	729	-0.06	0.0153	1190	0.02	0.0555	103
ACT Science	.	.	.	0.11	0.0666	64	-0.00	0.0203	729	-0.09	0.0164	1190	0.01	0.0555	103