The Performance of State Charter Schools in Georgia, 2022-23

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Executive Summary

A total of 41 state charter schools operated in Georgia during the 2021-22 school year. This report describes these 41 schools and measures their performance using two test-based measures of school performance: value-added and student growth percentiles. The value-added measure is the result of a two-step process. In the first step, the difference between a student's actual score and their predicted score (which is based on their observable characteristics) is computed, then these differences are averaged across all tested students in a school. In the second step, adjustments to a school's score are made to account for the differences in the population of students it serves. Value added is based on adjacent year scores meaning that value added is calculated based on changes in performance between the 2022 to 2023 school years. Each school's performance on value added is compared to all other schools in the state (that had at least 15 test takers) and to the schools and districts in which its students would otherwise have attended had they not attended the charter (hereafter referred to as the relevant comparison schools and relevant comparison districts).

Key findings are:

State charter schools serve diverse student bodies, and many provide learning environments that differ from those of traditional public schools. State charter schools vary along multiple dimensions, including grade levels, student demographics, instructional mode (face-to-face or virtual), curricular focus and geographic area served.

- Grade Levels
  - Many state charters (18 of 41) serve a combination of elementary (K-5) and middle grades (6-8).
  - 9 serve only elementary grades.
  - 2 serve only middle school grades.
  - None serve only high school grades (9-12).
  - 10 schools serve elementary, middle and at least some high school grades.
  - The remaining 2 schools serve both middle and high school grades.

Elementary Grades Key Findings:

Five state charter schools serving elementary grades perform at a level that is above the average public elementary school in the state with a similar student population.

- 32 state charter schools serve elementary grades with at least 15 tested students.
- For 5 schools, the cross-subject average performance is above the state average for all elementary schools at a level that is statistically significant.
- For 17 schools, the cross-subject average performance is not statistically distinguishable from the state average for all elementary schools.
- For 10 schools, the cross-subject average performance is below the state average for all elementary schools at a level that is statistically significant.

Six state charter schools perform statistically higher than the average of public elementary schools their students were otherwise zoned to attend.

- Of the 32 state charters serving elementary grades with at least 15 tested students, 6 have cross-subject average ELA and Math performance that is statistically higher than the average elementary school their students were otherwise zoned to attend.
- For 16 charter schools, the cross-subject average performance was statistically indistinguishable from the average elementary school in its relevant comparison group.
- For 10 schools, the cross-subject average performance is statistically lower than the average of all elementary schools in their relevant comparison group.

Six state charter schools perform statistically higher than the average of the public elementary school district their students were otherwise zoned to attend.

- Of the 32 state charters serving elementary grades with at least 15 tested students, 6 have cross-subject average ELA and Math performance that is statistically higher than the average elementary school district their students were otherwise zoned to attend.
- For 14 charter schools, the cross-subject average performance was statistically indistinguishable from the average elementary school district in its relevant comparison group.
- For 12 schools, the cross-subject average performance is statistically lower than the average of all elementary school districts in their relevant comparison group.

Middle Grades Key Findings:

Thirteen state charter schools serving middle grades perform at a level that is statistically higher than the average public middle school in the state with a similar student population.

- 32 state charter schools serve middle grades with at least 15 tested students.
- For 13 schools, their cross-subject average performance is above the state average for all middle schools at a level that is statistically significant.
- For 12 state charter schools, their cross-subject average performance is indistinguishable from the state average for all middle schools.
- For 7 state charter schools, their cross-subject average performance is below the state average for all middle schools at a level that is statistically significant.

Thirteen state charter schools serving middle grades performed at a level that is clearly better than the average of all middle schools in which their students were otherwise zoned to attend.

- 13 schools cross-subject ELA and Math performance is higher than the average middle school in its relevant comparison group.
- For 12 schools, the cross-subject average performance is indistinguishable from the average middle school in their relevant comparison group.
- For 7 schools, the cross-subject average performance is below the average middle school in their relevant comparison group.

Eleven state charter schools serving middle grades performed at a level that is clearly better than the average of the middle school district in which their students were otherwise zoned to attend.

- 11 schools' cross-subject ELA and Math performance is higher than the average middle school district in its relevant comparison group.
- For 15 schools, the cross-subject average performance is indistinguishable from the average middle school district in their relevant comparison group.

- For 6 schools, the cross-subject average performance is below the average middle school district in their relevant comparison group.

High School Grades Key Findings:

Two state charter schools serving high school grades perform at a level that is statistically higher than the average public high school in the state.

- 12 state charter schools serve students in high school grades with at least 15 tested students.
- In 2 high schools, their cross-subject average performance is statistically higher than the state average for all high schools.
- In 7 high schools, their cross-subject average performance is indistinguishable than the state average of all high schools.
- In 3 high schools, their individual test-school performance is below the state average.

Three state charter schools serving high school grades perform at a level that is statistically higher than the average public high school in which their students were otherwise zoned to attend.

- In 3 high schools, their cross-subject average performance is statistically higher than the state average of their relevant comparison group.
- In 5 high schools, their cross-subject average performance is indistinguishable than the state average of their relevant comparison group.
- In 4 high schools, their individual test-school performance is below the average of their relevant comparison group.

Three state charter schools serving high school grades perform at a level that is statistically higher than the average public high school district in which their students were otherwise zoned to attend.

- In 3 high schools, their cross-subject average performance is statistically higher than the state average of their relevant comparison group.
- In 4 high schools, their cross-subject average performance is indistinguishable than the state average of their relevant comparison group.
- In 5 high schools, their individual test-school performance is below the average of their relevant comparison group.

I. Background

Forty-one state charter schools operated in Georgia during the 2022/23 school year. Even though the current State Charter Schools Commission (SCSC) has only been in operation since 2013, a number of the state charter schools began operation well before 2013. Some charter schools were originally formed as state chartered special schools or were initially chartered by the original Georgia Charter Schools Commission, which was declared unconstitutional by the Georgia Supreme Court.[1] Table 1 summarizes descriptive information about all 41 schools that operated during the 2022/23 school year. The state charter schools vary considerably in the populations of students they serve, as illustrated in Table 1. There is considerable diversity in student racial composition, proportions of Limited English Proficiency (LEP) students, students eligible for Free/Reduced-Price Lunch (FRL), Direct Certification Students, and Students with Disabilities (SWD). These differences between the schools are controlled for in the value-added approach.

[1]Details on the history of charter schools in general and more specifically state chartered schools, are contained in Georgia Department of Education (2012).

Table 1: Students Served by State Charter Schools

School Name	*Pct. Female*	*Pct. White*	*Pct. Black*	*Pct. Hispanic*	*Pct. Other Race*	*Pct. FRL*	*Pct. Direct Cert*	*Pct. LEP*	*Pct. SWD*
Academy for Classical Education	52.2	69.1	15.3	3.5	11.9	14.8	7.9	1.8	5.7
Amana Academy	48.8	10.2	78.9	3.0	7.8	15.7	15.7	3.0	4.2
Atlanta Heights Charter School	51.7	0.0	88.9	6.3	4.8	93.3	72.0	5.2	7.5
Atlanta SMART Academy	55.3	0.5	98.9	0.0	0.5	100.0	50.7	0.0	14.9
Atlanta Unbound Academy	44.3	0.5	97.3	0.9	1.4	67.6	56.4	0.0	20.5
Baconton Community Charter School	47.9	72.0	15.3	9.6	3.0	54.5	30.6	2.0	12.1
Brookhaven Innovation Academy	46.7	16.2	42.3	27.5	14.0	25.9	19.2	10.3	11.4
Cherokee Charter Academy	47.5	47.7	20.3	22.5	9.5	7.8	17.7	10.4	17.4
Cirrus Academy Charter	50.8	0.5	90.3	2.5	6.8	100.0	76.1	0.0	5.0
Coweta Charter Academy	49.1	64.2	16.4	10.0	9.4	29.5	12.8	3.3	10.2
D.E.L.T.A. STEAM Academy	52.5	0.4	95.3	3.6	0.7	99.6	22.9	0.7	3.2
DeKalb Brilliance Academy	48.8	3.7	93.3	1.2	1.8	0.0	53.2	0.0	11.6
Destination Career Academy	53.4	30.6	43.3	13.7	12.1	57.0	52.2	2.3	17.9
DuBois Integrity Academy	53.9	0.4	92.4	4.1	3.0	100.0	49.2	3.7	7.8
Ethos Classical Charter School	47.9	1.5	92.5	3.5	2.5	100.0	55.5	0.3	10.5
Fulton Leadership Academy	0.0	0.0	94.7	2.4	2.9	67.6	38.8	0.5	17.9
Furlow Charter School	50.3	55.7	16.4	16.0	11.9	100.0	36.6	2.6	15.0
Genesis Academy for Boys	0.0	0.7	88.9	9.4	1.0	73.2	44.1	5.6	10.8
Genesis Academy for Girls	100.0	1.4	88.5	8.2	1.8	66.3	46.1	3.6	5.4
Georgia Connections Academy	51.6	41.6	41.2	5.0	11.8	39.0	31.9	0.8	15.9
Georgia Cyber Academy	51.1	29.7	49.9	10.4	9.8	44.9	42.8	2.0	18.1
Georgia Fugees Academy Charter School	37.1	18.9	44.0	0.0	37.1	0.0	57.7	82.1	3.8
Georgia School for Innovation and the Classics	50.0	79.3	10.4	5.2	4.3	0.0	19.2	0.0	10.3
International Academy of Smyrna	57.0	0.6	68.3	25.9	5.2	68.0	38.7	18.8	12.9

School Name	*Pct. Female*	*Pct. White*	*Pct. Black*	*Pct. Hispanic*	*Pct. Other Race*	*Pct. FRL*	*Pct. Direct Cert*	*Pct. LEP*	*Pct. SWD*
International Charter Academy of Georgia	52.8	7.2	15.0	9.4	68.3	2.2	6.0	33.5	4.4
International Charter School of Atlanta	56.1	34.5	23.0	25.2	17.3	0.0	6.4	5.6	7.8
Ivy Preparatory Academy at Kirkwood for Girls	100.0	0.2	92.7	4.6	2.4	100.0	55.6	0.5	7.3
Liberty Tech Charter School	49.3	62.6	23.6	6.9	6.9	6.2	14.6	0.0	15.8
Northwest Classical	51.3	58.7	19.8	12.7	8.5	17.0	7.2	3.7	12.7
Odyssey School	50.0	40.4	35.9	15.0	8.7	38.3	20.1	4.2	11.4
Pataula Charter Academy	49.5	62.4	26.2	7.0	4.5	63.6	34.1	0.4	12.2
Resurgence Hall Charter School	49.9	1.1	95.5	3.2	0.3	70.7	34.2	1.3	11.2
Resurgence Hall Middle Academy	48.6	0.0	97.3	2.7	0.0	58.1	35.1	1.4	4.1
SAIL – School for Arts Infused Learning	55.3	58.0	17.0	16.5	8.0	0.0	11.6	1.5	15.4
Scintilla Charter Academy	52.0	55.6	30.2	6.0	8.2	41.0	21.1	0.7	14.9
SLAM Academy of Atlanta	39.7	0.0	95.0	3.5	1.4	100.0	82.2	0.0	13.5
Southwest Georgia STEM Charter	50.8	72.1	17.7	4.3	5.8	100.0	50.9	0.0	16.4
Spring Creek Charter Academy	51.0	65.5	24.5	6.3	3.5	59.0	32.4	0.3	11.3
Statesboro STEAM College, Careers, Arts & Technology Academy	45.4	56.3	35.0	1.6	7.1	44.3	19.4	0.0	16.9
Utopian Academy for the Arts	59.9	0.6	87.3	6.2	5.4	100.0	47.9	2.0	8.2
Yi Hwang Academy of Language Excellence	49.5	4.1	9.2	7.5	79.3	0.0	7.3	24.2	4.7

Note: For the purposes of this table, students who attended more than one school were attributed to the school where they attended the longest period of time during the school year. Other race includes Asian, American Indian, and Multiracial; these are combined into one group because in most instances the cell size is small. Free and reduced-price lunch (FRL) is based on the student file in GA•AWARDS in conjunction with information on community eligibility provisions. The percents in Table 1 are based on the sample of students in the school that contributed to the value-added results, which includes full-academic year students with a prior year test score. Note that these percents may differ from the whole-school average, as not all students contribute to the value-added sample (i.e. they may not be a full-academic year student, they may not have a lagged test score, and/or they may be missing other information which would exclude them from the regression).

Source: Individual-level student data from the GA•AWARDS system and school-level data on direct certification and school-wide subsidized lunch programs from the Governor's Office of Student Achievement.

II. Results

A. *Value-Added and Student Growth Model Estimates*

A primary method that states employ to evaluate the impact of schools on student achievement is a value-added model (VAM). A VAM approach compares the actual test score of each student to the score that is predicted for that student based on their prior-year scores and observable characteristics. The value-added estimate is the result of a two-step process. In the first step, the difference between a student's actual score and their predicted score (which is based on their observable characteristics) is computed, then these differences are averaged across all tested students in a school. In the second step, adjustments to a school's score are made to account for the differences in the population of students it serves. More technical details of the value-added estimation are provided in the Appendix.

By construction, the average school (weighted by the count of students) at a given grade grouping (elementary, middle or high school) in Georgia has a school effect of zero in the value-added model (controlling for individual and school-level student characteristics). The performance of each school in a given grade grouping is measured relative to this weighted average. Thus, a positive estimated value for an elementary school's effect indicates that students attending that school experience greater growth in achievement than do students with the same observable characteristics at schools serving similar student populations. Negative values do not mean that the achievement of the school's students fell during the year. Instead, a negative school effect indicates the gap between that school's contribution to student achievement and the contribution of the average school serving a similar student population (measured in standard deviation units). For example, a value of -0.10 means that a school's effect on student achievement is 0.10 standard deviations below that of the average of all schools in the state, where each school's contribution is based on their student's performance controlling for both individual-level student characteristics and prior test scores as well as school-level characteristics. In the same way, a value of 0.10 means that a school's effect is 0.10 standard deviations above the average of all schools in the state, where each school is being compared to schools serving observationally similar student bodies. To put this in perspective, reducing class size in elementary grades by seven students is associated with a 0.10 to 0.20 standard deviation increase in student achievement (Whitehurst & Chingos, 2011)) and the difference in the effectiveness of a first-year teacher and one with three years of experience is about 0.07 standard deviations (Dee & Wyckoff, 2015)).

The value-added effects for schools are statistical estimates and carry some degree of uncertainty. Along with the estimated effects, the value-added model generates a measure of the uncertainty of each school's effect, the estimated standard error. The estimated standard errors can be used to develop confidence intervals around each school's estimated impact on student achievement. With a confidence interval of approximately plus-or-minus two standard errors, one can be 95 percent confident that the true school effect lies in that range. Thus, for example, if a school's estimated effect is 0.50 and the standard error is 0.10, one can be 95 percent confident that the true effect lies in the range of 0.30 to 0.70. This information can then be used to determine how confident we are that a given school's performance is above, below, or equal to the average school. The standard errors and confidence intervals will generally be smaller as the number of students per school increase. The estimated school effect on achievement will vary with the performance of individual students. In a small school, random events like a student having a poor night's sleep or getting "lucky" in his/her guesses on an exam will have a larger

impact on the school's overall effect, creating more uncertainty in the true school effect; whereas in a large school, such random events will tend to cancel out. Thus, for example, the Georgia Cyber Academy, which has the largest enrollment of any state charter school, tends to have the smallest confidence interval.[2]

Separate estimates are presented for different grade groupings, the whole school, and for different subjects. In addition, an estimated effect on average performance across all subjects in each grade grouping is produced. Thus, for example, a charter serving grades K-8 receives three value-added scores in Math, one for its impact on Math achievement of students in elementary grades (grades 4 and 5), one for its impact on students in middle grades (grades 6-8), and one for its combined impact on students in grades 4 through 8. Additionally, a comparison school score and a comparison district score are calculated for value added based on the set of schools or districts in which the charter students would have otherwise attended. The comparison scores represent a weighted average of performance of these alternative schools or districts, weighted by the share of students in each charter who would have attended the alternative public school. Finally, each charter is ranked in terms of their performance in value added against all schools in the state (State Percentile), against their relevant school comparison group, and against their relevant district comparison group.

B. *Individual School Summaries*

The following tables summarize both state and relevant school/district comparisons of performance for each state charter school. The value-added model includes a multitude of available individual-level student characteristics (plus prior-year test scores) and the school-level percentages of students with disabilities, limited English proficiency students, and students who are directly certified as controls. For each school, a state percentile and relevant school comparison rank are presented. The state percentile represents the proportion of schools in the state with a lower estimated school effect. Thus, for example, a state percentile of 60 means that 60 percent of schools in the relevant grade group rank below the school. Relevant school comparison ranks represent the position of a school relative to other schools in which the student would have otherwise attended if they did not enroll in the charter. The SCSC determined where every student would have attended in the absence of the state charter school, so for instance, even schools like Georgia Cyber that serve the entire state will still have a set of comparison schools based on the students in attendance at Georgia Cyber. A relevant school-comparison ranking of "5 out of 15" indicates that 4 schools from the relevant school comparison have higher scores and 10 have lower scores. The within-relevant school comparisons show how students would likely fare if a state charter were to close and a student then attended the average-performing school amongst those they would otherwise attend. For both value added and student growth percentiles, a weighted average comparison school score is presented – this score takes

[2] Note that in the 2020/21 report, the absence of 2019/20 test scores due to the COVID-19 pandemic required that value added be calculated over a two-year period (i.e., growth from 2018/19 to 2020/21), referred to here as a "gap-year VAM", instead of adjacent years (i.e., growth from 2019/20 to 2020/21). For more details on the gap-year VAM approach, refer to the 2020-21 report. In this study, VAM is based on the more traditional approach that calculates value-added across adjacent years. For comparison purposes, the gap-year VAM estimates from last year's report are provided under each school's tab, where available.

the relevant comparison school scores and weights them by the share of students in the charter who would have attended the alternative public schools.

Each school summary report is structured as follows:

- General Characteristics
- Students Served
- Value-Added Results Summary by Grade Level and Subject
- Comparisons to competing schools and districts

Academy for Classical Education

General Characteristics

School Name	Calendar Year Opened	Grades Served	Attendance Zone
Academy for Classical Education	2019	K-12	Statewide

Students Served

School Name	Female	White	Black	Hispanic	Other Race	FRL	Direct Cert	LEP	SWD
Academy for Classical Education	52.2	69.1	15.3	3.5	11.9	14.8	7.9	1.8	5.7

Note. All data are reported percentages (% omitted)

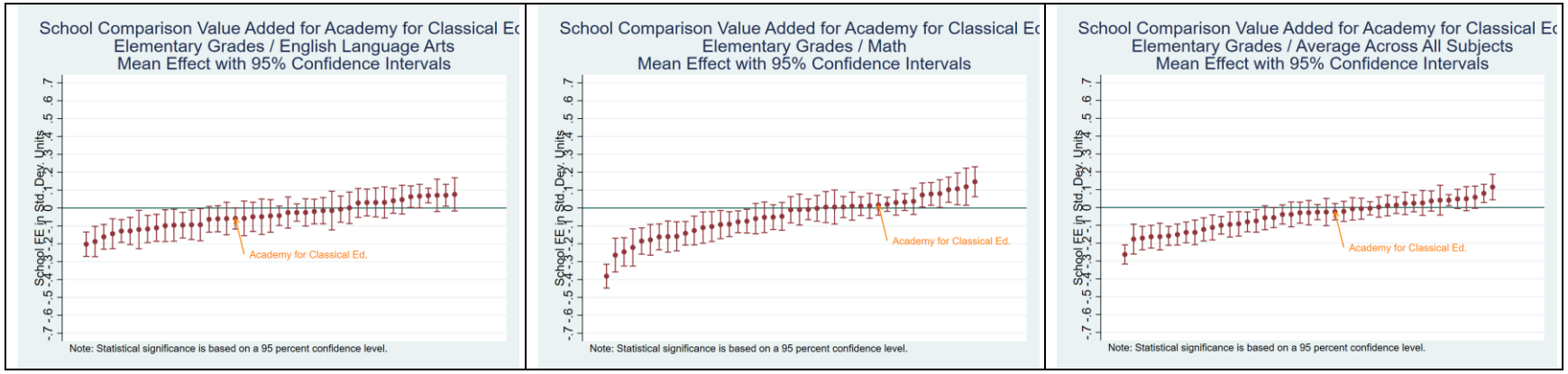
Value-Added Summary by Grade Level and Subject

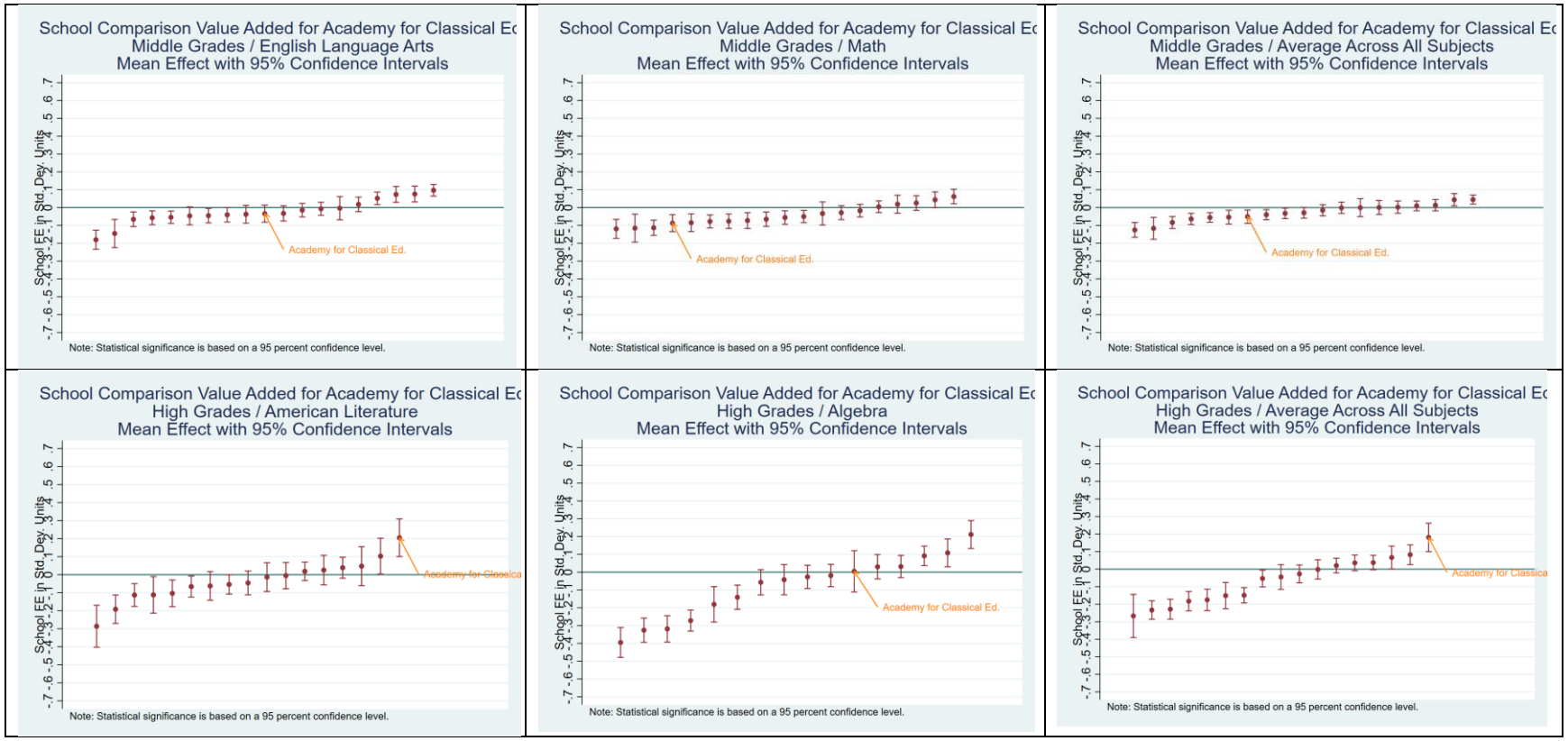
	Value-Added (Controls for Student Demographics and Prior Test Scores)								
Grade Level and Subject	**School Effect**	**State Percentile (higher is better)**	**Statistically Different from State Average?**	**School Comparison Rank (lower is better)**	**School Comparison Weighted Average**	**Statistically Different from School Comparison Average?**	**District Comparison Rank (lower is better)**	**District Comparison Weighted Average**	**Statistically Different from District Comparison Average?**
Elementary									
ELA	-0.058	28	No	26 out of 43	-0.014	No	9 out of 14	-0.042	No
Math	0.017	56	No	12 out of 43	-0.059	Higher	5 out of 14	-0.063	Higher
All-Subject Average	-0.024	39	No	19 out of 43	-0.042	No	6 out of 14	-0.055	No
Middle									
ELA	-0.034	30	No	10 out of 19	-0.020	No	6 out of 11	-0.010	No
Math	-0.087	17	Lower	16 out of 19	-0.047	No	9 out of 11	-0.057	No
All-Subject Average	-0.051	24	Lower	13 out of 19	-0.035	No	9 out of 11	-0.036	No
High									
American Literature	0.205	97	Higher	1 out of 17	-0.036	Higher	1 out of 9	-0.047	Higher
Algebra 1	0.005	55	No	6 out of 16	-0.085	No	3 out of 8	-0.122	Higher
All-Subject Average	0.181	90	Higher	1 out of 17	-0.074	Higher	1 out of 9	-0.104	Higher

	Value-Added (Controls for Student Demographics and Prior Test Scores)								
Grade Level and Subject	**School Effect**	**State Percentile (higher is better)**	**Statistically Different from State Average?**	**School Comparison Rank (lower is better)**	**School Comparison Weighted Average**	**Statistically Different from School Comparison Average?**	**District Comparison Rank (lower is better)**	**District Comparison Weighted Average**	**Statistically Different from District Comparison Average?**
Combined Grade									
ELA	-0.042			40 out of 77	-0.032	No	7 out of 14	-0.028	No
Math	-0.036			37 out of 76	-0.070	No	6 out of 14	-0.071	No
All-Subject Average	-0.025			39 out of 77	-0.056	No	6 out of 14	-0.059	Higher

Note. Statistical significance is based on a 95 percent confidence level. The state average value-added effect is zero. The school comparison weighted average represents a weighted average of performance of the schools in the relevant grouping for this school, weighted by the share of students in this charter who would have attended. The district comparison weighted average represents a weighted average of performance of the districts in the relevant grouping for this school, weighted by the share of students in this charter who would have attended.

Charter School Value-Added Compared to Competing Schools, by Grade Level and Subject





Note. Statistical significance is based on a 95 percent confidence level. The figures present the school-comparison value added estimates for the charter school and each of its comparison schools. The set of schools corresponds to those in the school-comparison rank estimates presented in the table above.

Amana Academy

General Characteristics

School Name	Calendar Year Opened	Grades Served	Attendance Zone
Amana Academy	2022	K-3	Statewide

Students Served

School Name	Female	White	Black	Hispanic	Other Race	FRL	Direct Cert	LEP	SWD
Amana Academy	48.8	10.2	78.9	3.0	7.8	15.7	15.7	3.0	4.2

Note. All data are reported percentages (% omitted)

Value-Added Results Summary by Grade Level and Subject

[Value added could not be calculated for Amana Academy due to grades served.]

Atlanta Heights Charter School

General Characteristics

School Name	Calendar Year Opened	Grades Served	Attendance Zone
Atlanta Heights	2010	K-8	Atlanta Public Schools

Students Served

School Name	Female	White	Black	Hispanic	Other Race	FRL	Direct Cert	LEP	SWD
Atlanta Heights	51.7	0.0	88.9	6.3	4.8	93.3	72.0	5.2	7.5

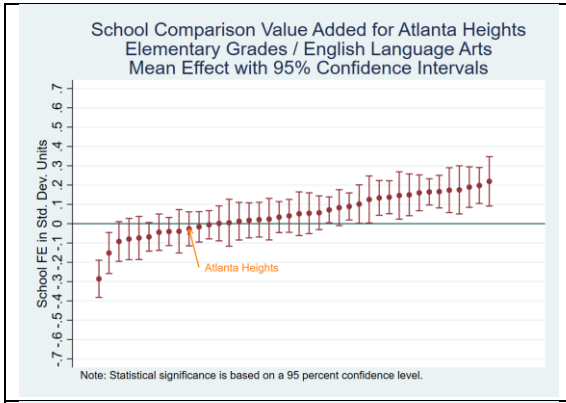
Note. All data are reported percentages (% omitted)

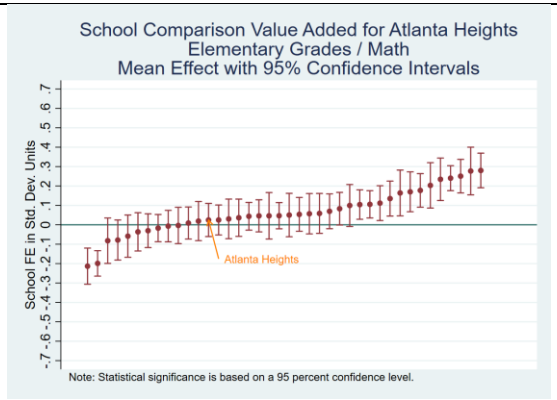
Value-Added Results Summary by Grade Level and Subject

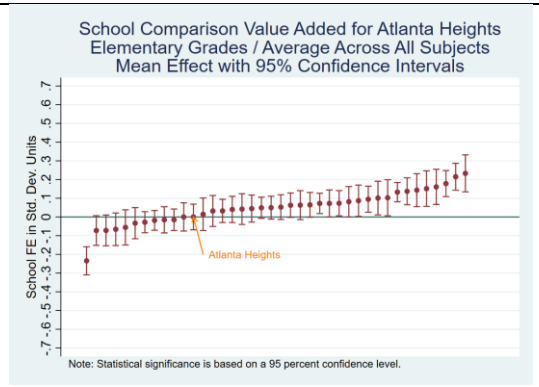
	Value-Added (Controls for Student Demographics and Prior Test Scores)								
Grade Level and Subject	**School Effect**	**State Percentile (higher is better)**	**Statistically Different from State Average?**	**School Comparison Rank (lower is better)**	**School Comparison Weighted Average**	**Statistically Different from School Comparison Average?**	**District Comparison Rank (lower is better)**	**District Comparison Weighted Average**	**Statistically Different from District Comparison Average?**
Elementary									
ELA	-0.027	40	No	31 out of 40	0.011	No	3 out of 3	0.061	No
Math	0.025	59	No	28 out of 40	0.049	No	2 out of 3	0.051	No
All-Subject Average	0.000	51	No	29 out of 40	0.027	No	3 out of 3	0.053	No
Middle									
ELA	0.178	99	Higher	2 out of 16	0.004	Higher	1 out of 5	0.028	Higher
Math	-0.023	42	No	13 out of 16	0.006	No	5 out of 5	0.018	No
All-Subject Average	0.066	82	Higher	2 out of 16	-0.010	Higher	1 out of 5	0.013	No
Combined Grade									
ELA	0.100			15 out of 54	0.015	Higher	1 out of 5	0.033	Higher
Math	0.007			41 out of 54	0.050	No	4 out of 5	0.024	No
All-Subject Average	0.058			30 out of 54	0.037	No	2 out of 5	0.011	No

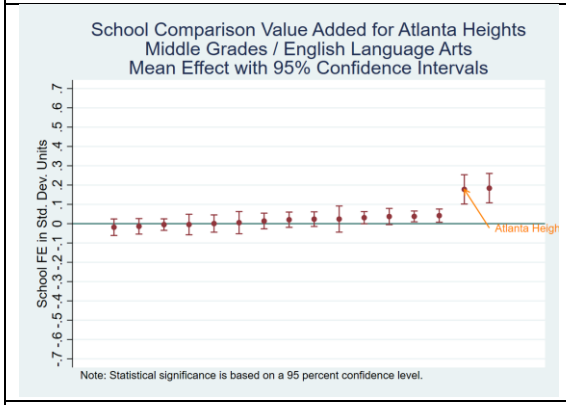
Note. Statistical significance is based on a 95 percent confidence level. The state average value-added effect is zero. The school comparison weighted average represents a weighted average of performance of the schools in the relevant grouping for this school, weighted by the share of students in this charter who would have attended. The district comparison weighted average represents a weighted average of performance of the districts in the relevant grouping for this school, weighted by the share of students in this charter who would have attended.

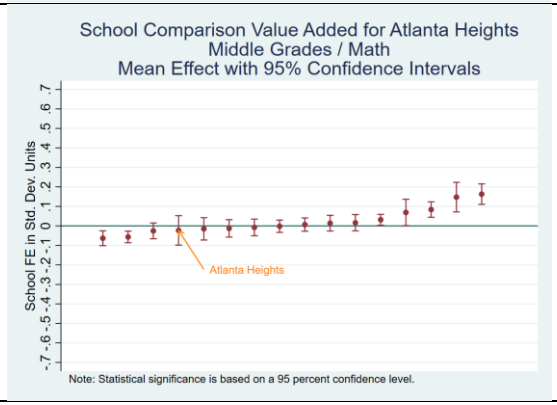
Charter School Value-Added Compared to Competing Schools, by Grade Level and Subject

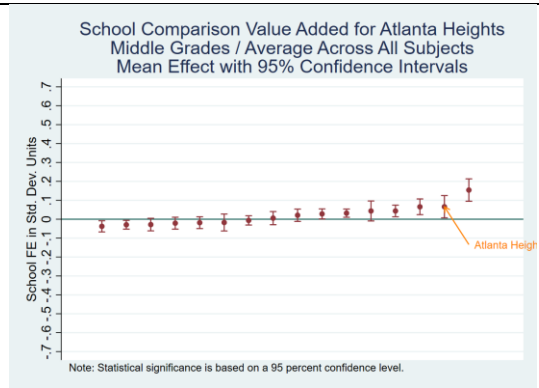












Note. Statistical significance is based on a 95 percent confidence level. The figures present the school-comparison value added estimates for the charter school and each of its comparison schools. The set of schools corresponds to those in the school-comparison rank estimates presented in the table above.

Atlanta SMART Academy

General Characteristics

School Name	Calendar Year Opened	Grades Served	Attendance Zone
Atlanta SMART Academy	2021	5-7	Statewide

Students Served

School Name	Female	White	Black	Hispanic	Other Race	FRL	Direct Cert	LEP	SWD
Atlanta SMART Academy	55.3	0.5	98.9	0.0	0.5	100.0	50.7	0.0	14.9

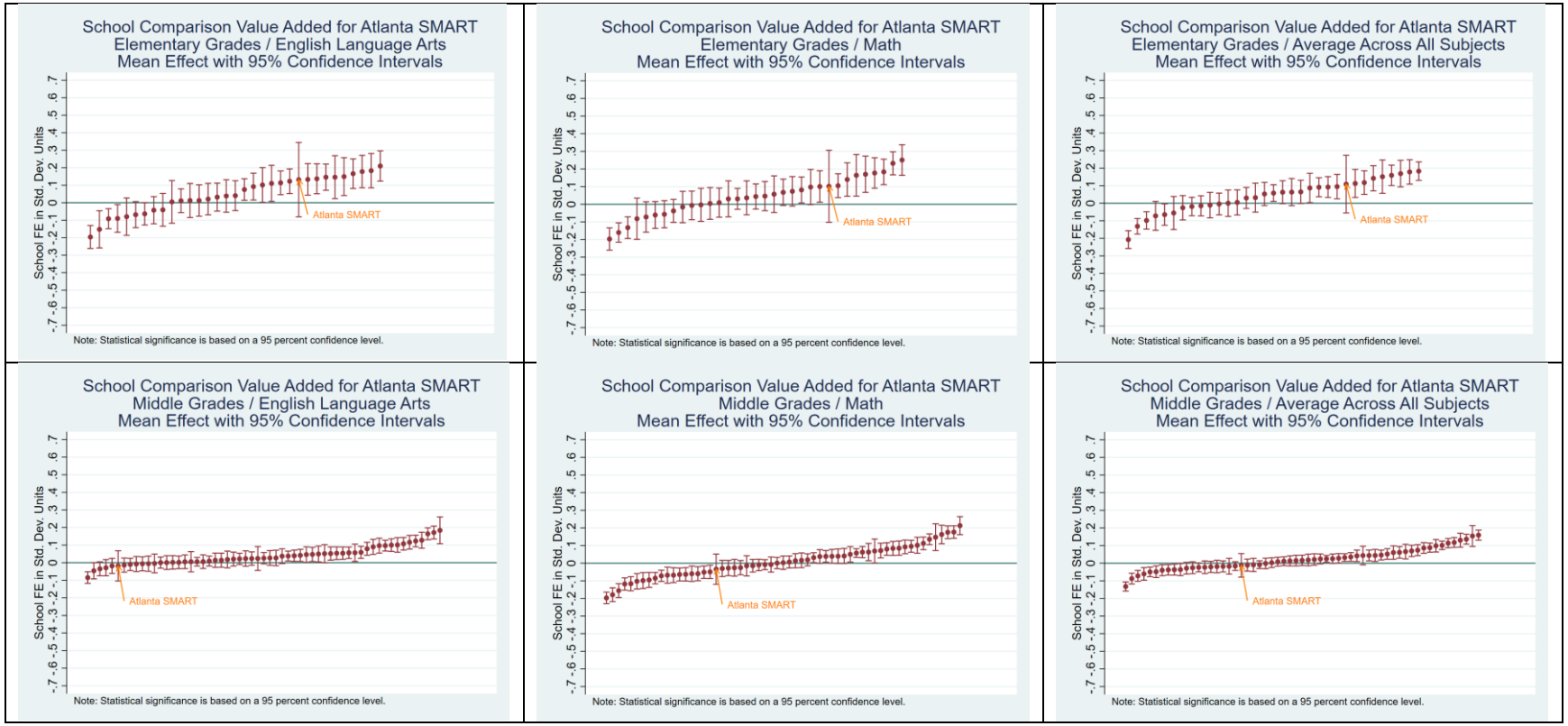
Note. All data are reported percentages (% omitted)

Value-Added Results Summary by Grade Level and Subject

	Value-Added (Controls for Student Demographics and Prior Test Scores)								
Grade Level and Subject	**School Effect**	**State Percentile (higher is better)**	**Statistically Different from State Average?**	**School Comparison Rank (lower is better)**	**School Comparison Weighted Average**	**Statistically Different from School Comparison Average?**	**District Comparison Rank (lower is better)**	**District Comparison Weighted Average**	**Statistically Different from District Comparison Average?**
Elementary									
ELA	0.132	91	No	10 out of 33	0.053	No	1 out of 8	0.048	No
Math	0.102	80	No	9 out of 33	0.054	No	1 out of 8	0.015	No
All-Subject Average	0.109	88	No	9 out of 33	0.049	No	1 out of 8	0.029	No
Middle									
ELA	-0.018	38	No	54 out of 59	0.029	No	10 out of 13	0.034	No
Math	-0.034	36	No	41 out of 59	0.009	No	10 out of 13	0.007	No
All-Subject Average	-0.012	44	No	40 out of 59	0.012	No	10 out of 13	0.016	No
Combined Grade									
ELA	0.012			61 out of 91	0.035	No	8 out of 13	0.036	No
Math	0.000			55 out of 91	0.019	No	8 out of 13	0.014	No
All-Subject Average	0.024			50 out of 91	0.029	No	6 out of 13	0.015	No

Note. Statistical significance is based on a 95 percent confidence level. The state average value-added effect is zero. The school comparison weighted average represents a weighted average of performance of the schools in the relevant grouping for this school, weighted by the share of students in this charter who would have attended. The district comparison weighted average represents a weighted average of performance of the districts in the relevant grouping for this school, weighted by the share of students in this charter who would have attended.

Charter School Value-Added Compared to Competing Schools, by Grade Level and Subject



Note. Statistical significance is based on a 95 percent confidence level. The figures present the school-comparison value added estimates for the charter school and each of its comparison schools. The set of schools corresponds to those in the school-comparison rank estimates presented in the table above.

Atlanta Unbound Academy

General Characteristics

School Name	Calendar Year Opened	Grades Served	Attendance Zone
Atlanta Unbound Academy	2020	K; 6	Statewide

Students Served

School Name	Female	White	Black	Hispanic	Other Race	FRL	Direct Cert	LEP	SWD
Atlanta Unbound	44.3	0.5	97.3	0.9	1.4	67.6	56.4	0.0	20.5

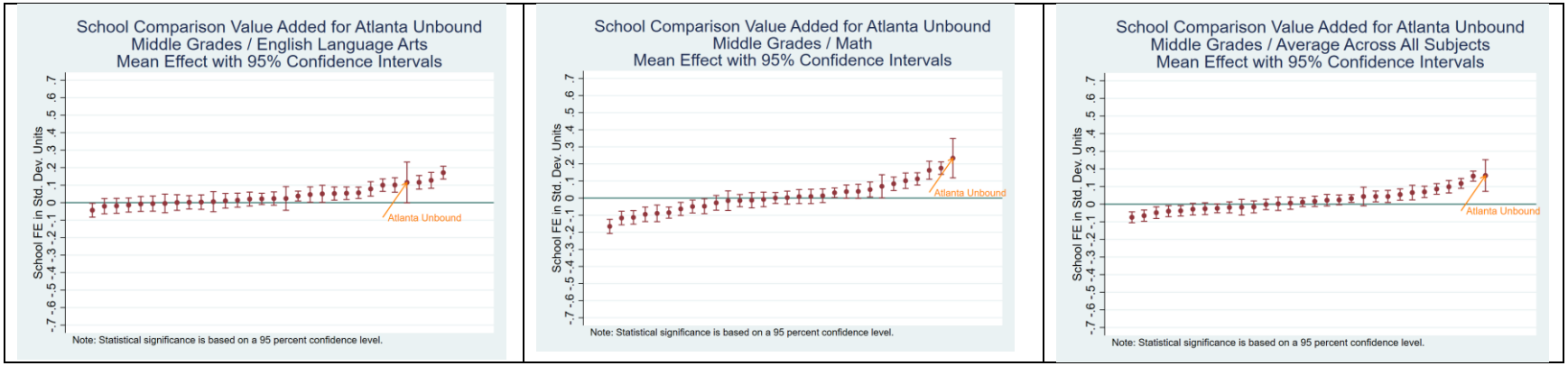
Note. All data are reported percentages (% omitted)

Value-Added Results Summary by Grade Level and Subject

	Value-Added (Controls for Student Demographics and Prior Test Scores)								
Grade Level and Subject	**School Effect**	**State Percentile (higher is better)**	**Statistically Different from State Average?**	**School Comparison Rank (lower is better)**	**School Comparison Weighted Average**	**Statistically Different from School Comparison Average?**	**District Comparison Rank (lower is better)**	**District Comparison Weighted Average**	**Statistically Different from District Comparison Average?**
Middle									
ELA	0.115	94	No	4 out of 30	0.028	No	1 out of 9	0.030	No
Math	0.234	98	Higher	1 out of 30	-0.019	Higher	1 out of 9	-0.008	Higher
All-Subject Average	0.162	98	Higher	1 out of 30	0.003	Higher	1 out of 9	0.011	Higher
Combined Grade									
ELA	0.121			22 out of 96	0.050	No	1 out of 11	0.041	No
Math	0.243			6 out of 96	0.032	Higher	1 out of 11	0.012	Higher
All-Subject Average	0.181			6 out of 96	0.044	Higher	1 out of 11	0.019	Higher

Note. Statistical significance is based on a 95 percent confidence level. The state average value-added effect is zero. The school comparison weighted average represents a weighted average of performance of the schools in the relevant grouping for this school, weighted by the share of students in this charter who would have attended. The district comparison weighted average represents a weighted average of performance of the districts in the relevant grouping for this school, weighted by the share of students in this charter who would have attended.

Charter School Value-Added Compared to Competing Schools, by Grade Level and Subject



Note. Statistical significance is based on a 95 percent confidence level. The figures present the school-comparison value added estimates for the charter school and each of its comparison schools. The set of schools corresponds to those in the school-comparison rank estimates presented in the table above.

Baconton Community Charter School

General Characteristics

School Name	Calendar Year Opened	Grades Served	Attendance Zone
Baconton Community Charter	2019	K-12	Baker, Dougherty, Lee, Mitchell, Worth

Students Served

School Name	Female	White	Black	Hispanic	Other Race	FRL	Direct Cert	LEP	SWD
Baconton Community Charter	47.9	72.0	15.3	9.6	3.0	54.5	30.6	2.0	12.1

Note. All data are reported percentages (% omitted)

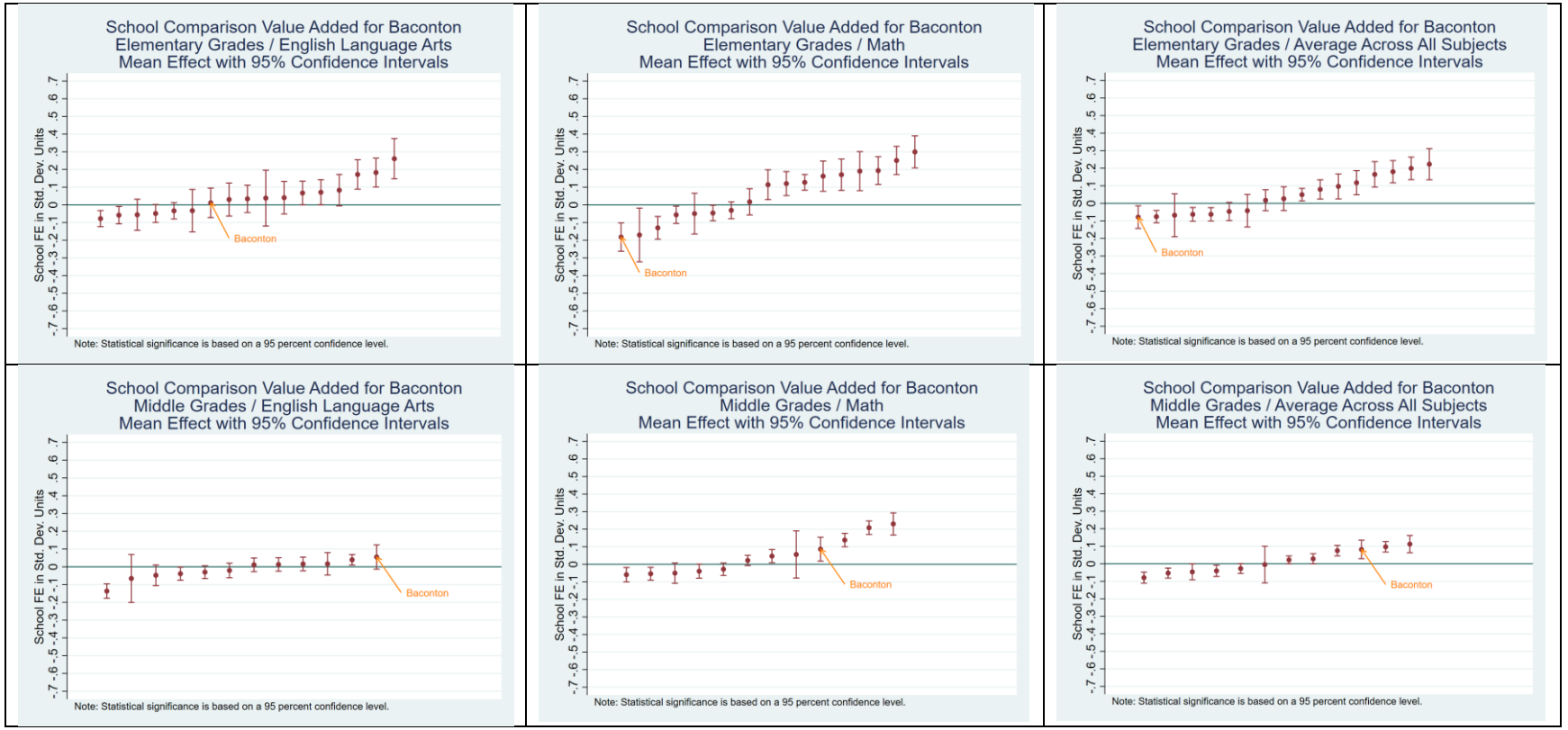
Value-Added Results Summary by Grade Level and Subject

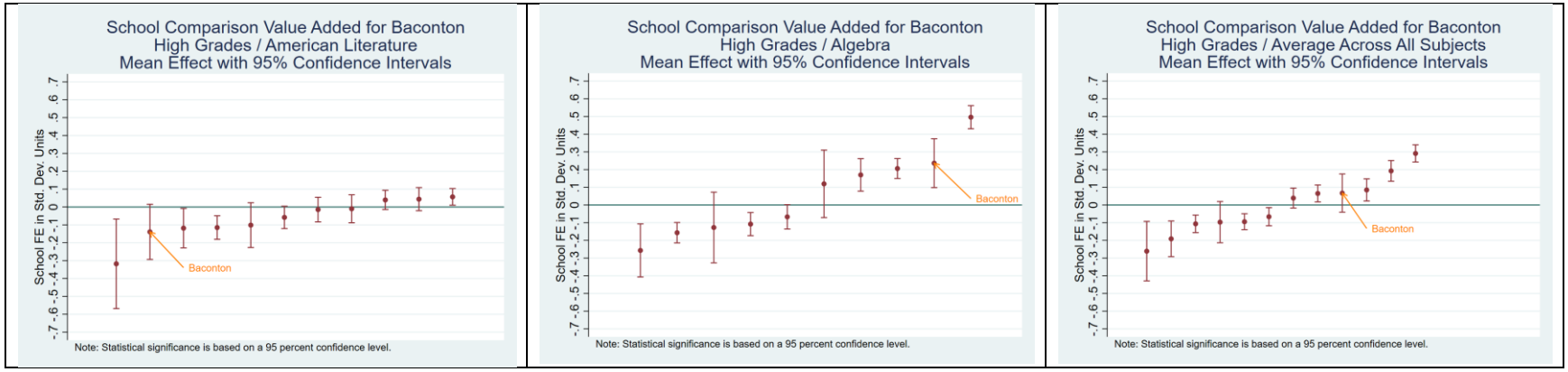
	Value-Added (Controls for Student Demographics and Prior Test Scores)								
Grade Level and Subject	**School Effect**	**State Percentile (higher is better)**	**Statistically Different from State Average?**	**School Comparison Rank (lower is better)**	**School Comparison Weighted Average**	**Statistically Different from School Comparison Average?**	**District Comparison Rank (lower is better)**	**District Comparison Weighted Average**	**Statistically Different from District Comparison Average?**
Elementary									
ELA	0.011	54	No	11 out of 17	0.062	No	7 out of 10	0.141	Lower
Math	-0.182	7	Lower	17 out of 17	0.080	Lower	10 out of 10	0.150	Lower
All-Subject Average	-0.078	19	Lower	17 out of 17	0.067	Lower	10 out of 10	0.138	Lower
Middle									
ELA	0.055	79	No	1 out of 12	0.006	No	1 out of 9	0.013	No
Math	0.086	81	Higher	4 out of 12	0.142	No	3 out of 9	0.199	Lower
All-Subject Average	0.082	86	Higher	3 out of 12	0.067	No	3 out of 9	0.096	No
High									
American Literature	-0.139	9	No	10 out of 11	-0.103	No	9 out of 10	-0.099	No
Algebra 1	0.236	86	Higher	2 out of 10	-0.208	Higher	2 out of 9	-0.204	Higher
All-Subject Average	0.067	74	No	4 out of 12	-0.166	Higher	6 out of 10	-0.163	Higher
Combined Grade									
ELA	0.012			17 out of 37	0.024	No	5 out of 10	0.064	Lower

	Value-Added (Controls for Student Demographics and Prior Test Scores)								
Grade Level and Subject	**School Effect**	**State Percentile (higher is better)**	**Statistically Different from State Average?**	**School Comparison Rank (lower is better)**	**School Comparison Weighted Average**	**Statistically Different from School Comparison Average?**	**District Comparison Rank (lower is better)**	**District Comparison Weighted Average**	**Statistically Different from District Comparison Average?**
Math	0.028			20 out of 37	-0.012	No	6 out of 10	0.131	Lower
All-Subject Average	0.030			18 out of 38	-0.040	Higher	5 out of 10	0.066	No

Note. Statistical significance is based on a 95 percent confidence level. The state average value-added effect is zero. The school comparison weighted average represents a weighted average of performance of the schools in the relevant grouping for this school, weighted by the share of students in this charter who would have attended. The district comparison weighted average represents a weighted average of performance of the districts in the relevant grouping for this school, weighted by the share of students in this charter who would have attended.

Charter School Value-Added Compared to Competing Schools, by Grade Level and Subject





Note. Statistical significance is based on a 95 percent confidence level. The figures present the school-comparison value added estimates for the charter school and each of its comparison schools. The set of schools corresponds to those in the school-comparison rank estimates presented in the table above.

Brookhaven Innovation Academy

General Characteristics

School Name	Calendar Year Opened	Grades Served	Attendance Zone
Brookhaven Innovation Academy	2016	K-8	Statewide

Students Served

School Name	Female	White	Black	Hispanic	Other Race	FRL	Direct Cert	LEP	SWD
Brookhaven Innovation Academy	46.7	16.2	42.3	27.5	14.0	25.9	19.2	10.3	11.4

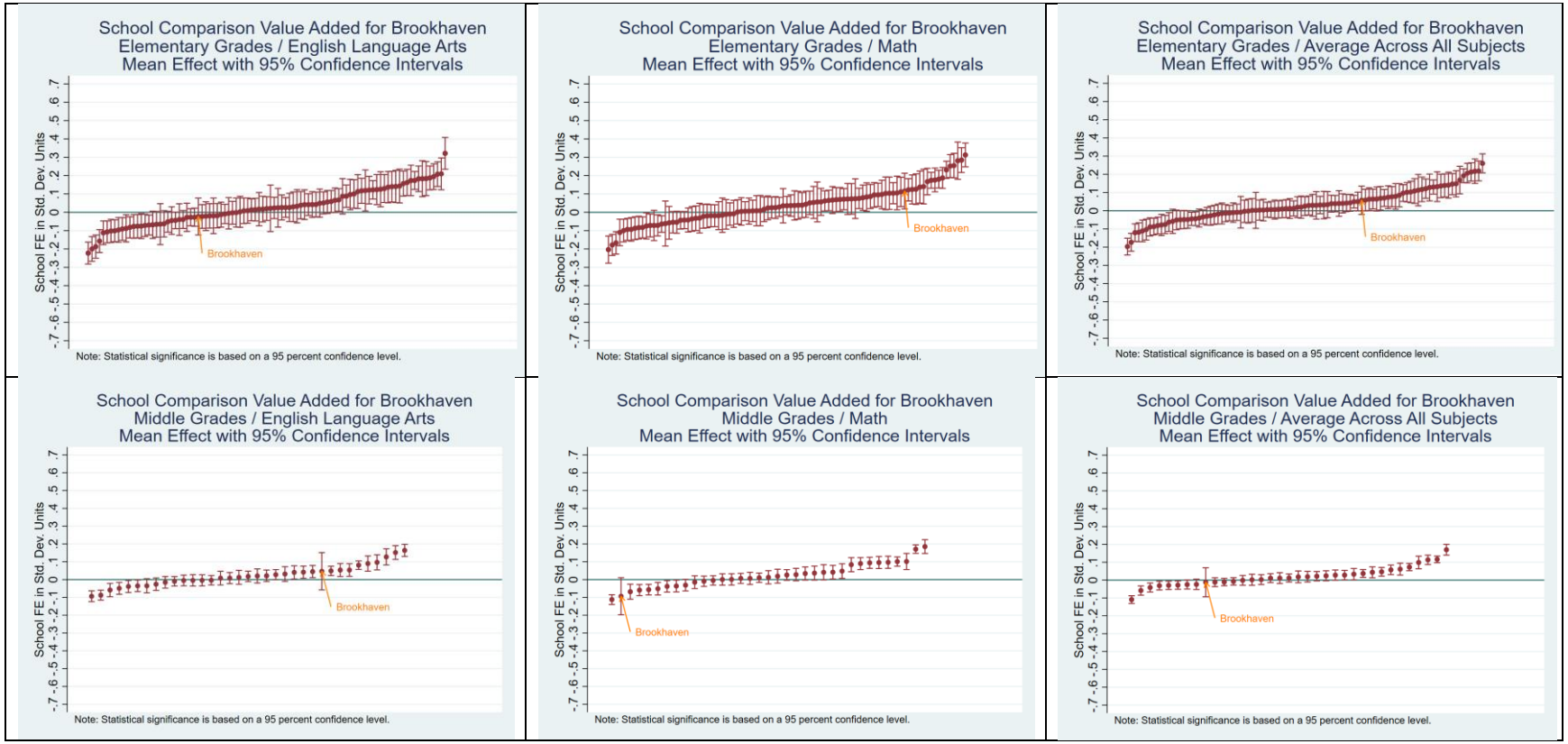
Note. All data are reported percentages (% omitted)

Value-Added Results Summary by Grade Level and Subject

	Value-Added (Controls for Student Demographics and Prior Test Scores)								
Grade Level and Subject	**School Effect**	**State Percentile (higher is better)**	**Statistically Different from State Average?**	**School Comparison Rank (lower is better)**	**School Comparison Weighted Average**	**Statistically Different from School Comparison Average?**	**District Comparison Rank (lower is better)**	**District Comparison Weighted Average**	**Statistically Different from District Comparison Average?**
Elementary									
ELA	-0.023	41	No	66 out of 95	0.002	No	8 out of 11	0.036	No
Math	0.116	83	Higher	17 out of 95	0.007	Higher	1 out of 11	0.051	No
All-Subject Average	0.058	74	No	33 out of 95	0.005	No	2 out of 11	0.040	No
Middle									
ELA	0.047	75	No	10 out of 35	-0.005	No	2 out of 6	0.025	No
Math	-0.093	16	No	34 out of 35	0.003	No	6 out of 6	0.043	Lower
All-Subject Average	-0.012	44	No	27 out of 35	-0.004	No	6 out of 6	0.028	No
Combined Grade									
ELA	0.008			69 out of 129	0.000	No	7 out of 12	0.027	No
Math	0.013			73 out of 129	0.009	No	7 out of 12	0.052	No
All-Subject Average	0.022			64 out of 129	0.002	No	6 out of 12	0.036	No

Note. Statistical significance is based on a 95 percent confidence level. The state average value-added effect is zero. The school comparison weighted average represents a weighted average of performance of the schools in the relevant grouping for this school, weighted by the share of students in this charter who would have attended. The district comparison weighted average represents a weighted average of performance of the districts in the relevant grouping for this school, weighted by the share of students in this charter who would have attended.

Charter School Value-Added Compared to Competing Schools, by Grade Level and Subject



Note. Statistical significance is based on a 95 percent confidence level. The figures present the school-comparison value added estimates for the charter school and each of its comparison schools. The set of schools corresponds to those in the school-comparison rank estimates presented in the table above.

Cherokee Charter Academy

General Characteristics

School Name	Calendar Year Opened	Grades Served	Attendance Zone
Cherokee Charter Academy	2011	K-8	Cartersville City, Marietta City, Bartow, Cherokee, Cobb, and Pickens

Students Served

School Name	Female	White	Black	Hispanic	Other Race	FRL	Direct Cert	LEP	SWD
Cherokee Charter Academy	47.5	47.7	20.3	22.5	9.5	7.8	17.7	10.4	17.4

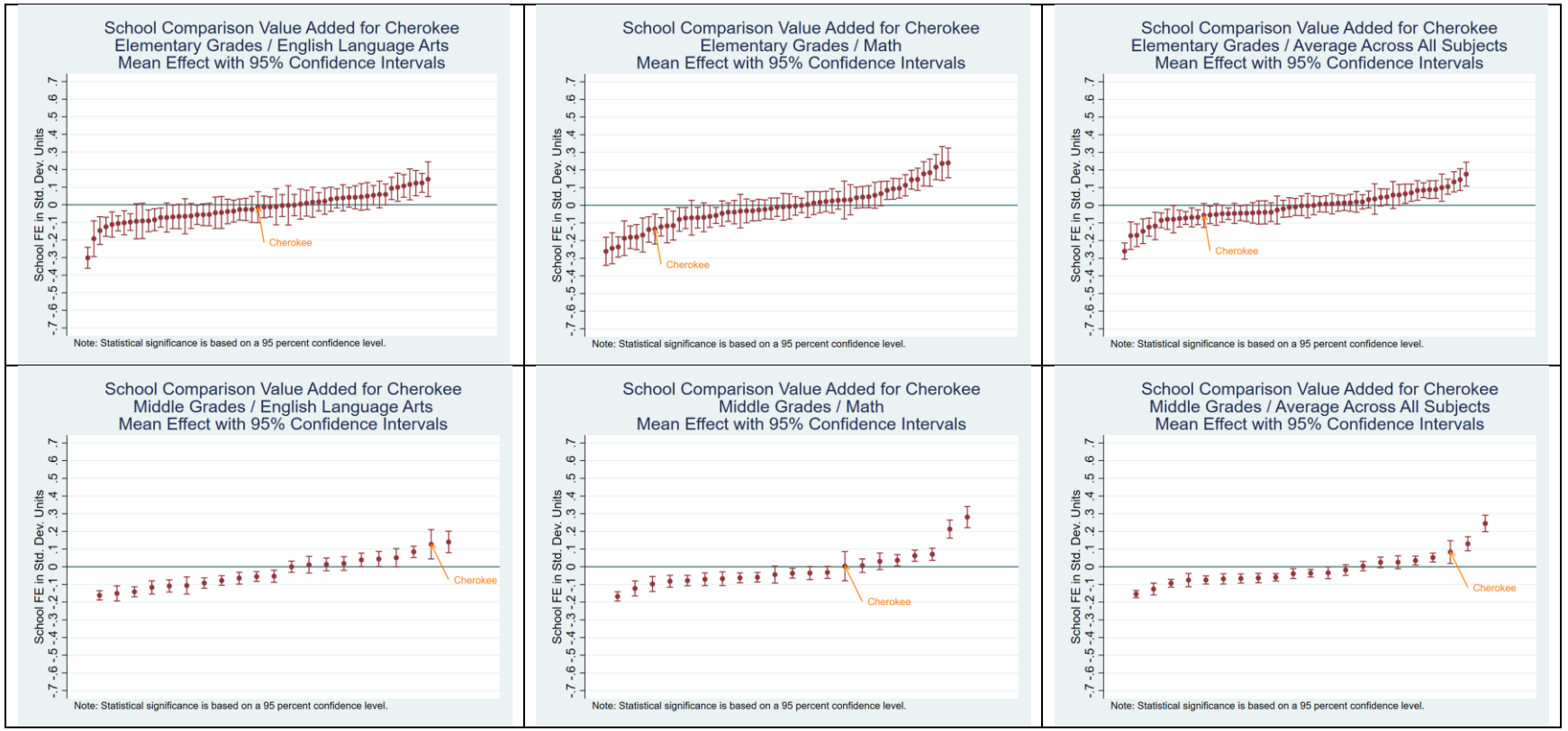
Note. All data are reported percentages (% omitted)

Value-Added Results Summary by Grade Level and Subject

	Value-Added (Controls for Student Demographics and Prior Test Scores)								
Grade Level and Subject	**School Effect**	**State Percentile (higher is better)**	**Statistically Different from State Average?**	**School Comparison Rank (lower is better)**	**School Comparison Weighted Average**	**Statistically Different from School Comparison Average?**	**District Comparison Rank (lower is better)**	**District Comparison Weighted Average**	**Statistically Different from District Comparison Average?**
Elementary									
ELA	-0.014	46	No	29 out of 57	-0.024	No	3 out of 8	-0.033	No
Math	-0.135	14	Lower	49 out of 57	-0.007	Lower	8 out of 8	-0.009	Lower
All-Subject Average	-0.057	26	No	44 out of 57	-0.011	No	7 out of 8	-0.017	No
Middle									
ELA	0.127	96	Higher	2 out of 21	-0.087	Higher	1 out of 7	-0.087	Higher
Math	0.003	53	No	8 out of 21	-0.060	No	4 out of 7	-0.067	No
All-Subject Average	0.083	86	Higher	3 out of 21	-0.066	Higher	1 out of 7	-0.069	Higher
Combined Grade									
ELA	0.066			10 out of 76	-0.045	Higher	2 out of 8	-0.055	Higher
Math	-0.053			48 out of 76	-0.027	No	7 out of 8	-0.040	No
All-Subject Average	0.023			22 out of 76	-0.034	Higher	3 out of 8	-0.028	No

Note. Statistical significance is based on a 95 percent confidence level. The state average value-added effect is zero. The school comparison weighted average represents a weighted average of performance of the schools in the relevant grouping for this school, weighted by the share of students in this charter who would have attended. The district comparison weighted average represents a weighted average of performance of the districts in the relevant grouping for this school, weighted by the share of students in this charter who would have attended.

Charter School Value-Added Compared to Competing Schools, by Grade Level and Subject



Note. Statistical significance is based on a 95 percent confidence level. The figures present the school-comparison value added estimates for the charter school and each of its comparison schools. The set of schools corresponds to those in the school-comparison rank estimates presented in the table above.

Cirrus Academy Charter

General Characteristics

School Name	Calendar Year Opened	Grades Served	Attendance Zone
Cirrus Academy Charter	2016	K-8	Statewide

Students Served

School Name	Female	White	Black	Hispanic	Other Race	FRL	Direct Cert	LEP	SWD
Cirrus Academy Charter	50.8	0.5	90.3	2.5	6.8	100.0	76.1	0.0	5.0

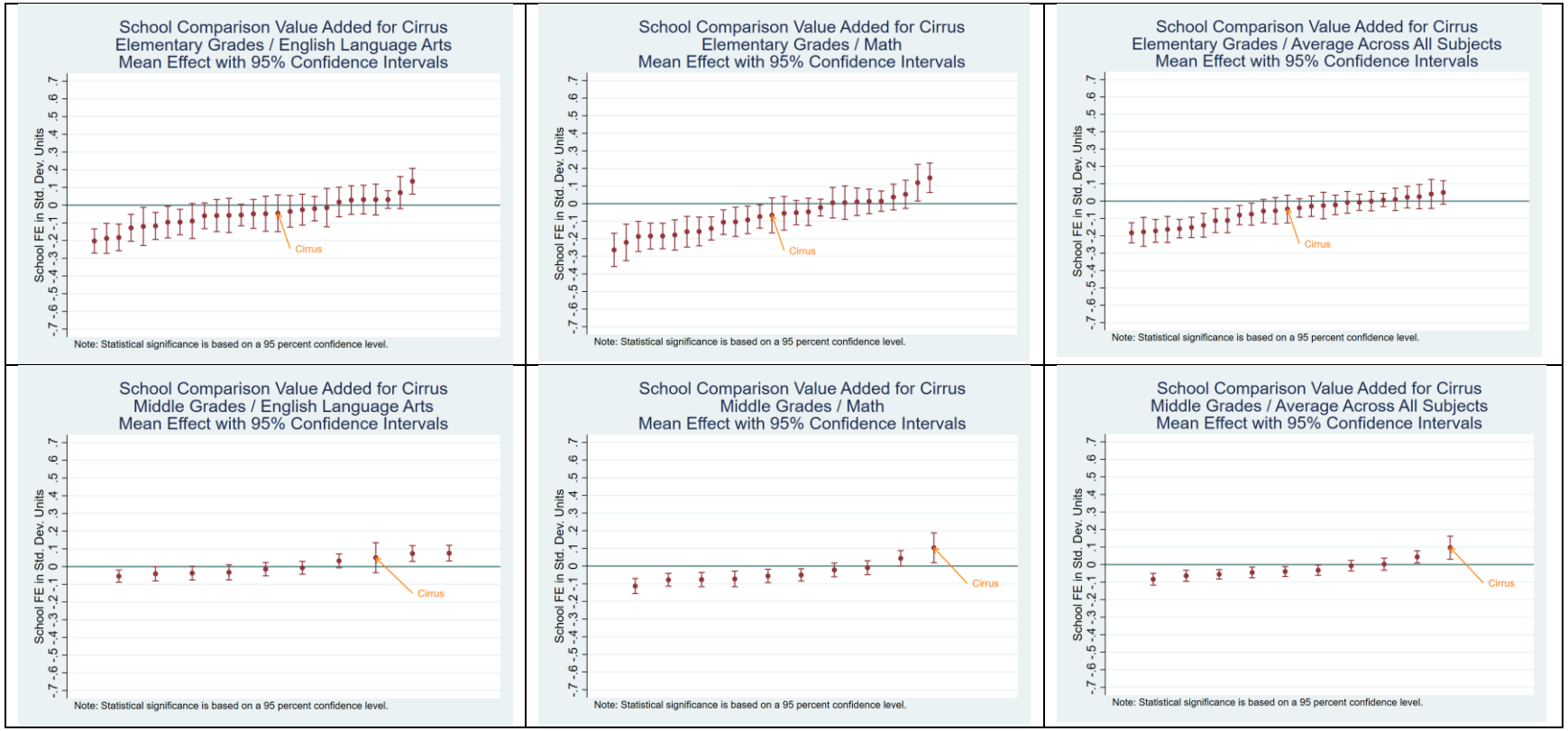
Note. All data are reported percentages (% omitted)

Value-Added Results Summary by Grade Level and Subject

	Value-Added (Controls for Student Demographics and Prior Test Scores)								
Grade Level and Subject	**School Effect**	**State Percentile (higher is better)**	**Statistically Different from State Average?**	**School Comparison Rank (lower is better)**	**School Comparison Weighted Average**	**Statistically Different from School Comparison Average?**	**District Comparison Rank (lower is better)**	**District Comparison Weighted Average**	**Statistically Different from District Comparison Average?**
Elementary									
ELA	-0.046	33	No	12 out of 27	-0.085	No	6 out of 8	-0.045	No
Math	-0.067	29	No	14 out of 27	-0.112	No	5 out of 8	-0.069	No
All-Subject Average	-0.046	30	No	14 out of 27	-0.097	No	5 out of 8	-0.060	No
Middle									
ELA	0.050	77	No	3 out of 10	-0.022	No	1 out of 4	-0.017	No
Math	0.103	86	Higher	1 out of 10	-0.066	Higher	1 out of 4	-0.062	Higher
All-Subject Average	0.096	89	Higher	1 out of 10	-0.048	Higher	1 out of 4	-0.043	Higher
Combined Grade									
ELA	0.019			11 out of 36	-0.062	Higher	2 out of 8	-0.033	No
Math	0.050			5 out of 36	-0.086	Higher	1 out of 8	-0.077	Higher
All-Subject Average	0.058			2 out of 36	-0.064	Higher	1 out of 8	-0.065	Higher

Note. Statistical significance is based on a 95 percent confidence level. The state average value-added effect is zero. The school comparison weighted average represents a weighted average of performance of the schools in the relevant grouping for this school, weighted by the share of students in this charter who would have attended. The district comparison weighted average represents a weighted average of performance of the districts in the relevant grouping for this school, weighted by the share of students in this charter who would have attended.

Charter School Value-Added Compared to Competing Schools, by Grade Level and Subject



Note. Statistical significance is based on a 95 percent confidence level. The figures present the school-comparison value added estimates for the charter school and each of its comparison schools. The set of schools corresponds to those in the school-comparison rank estimates presented in the table above.

Coweta Charter Academy

General Characteristics

School Name	Calendar Year Opened	Grades Served	Attendance Zone
Coweta Charter Academy	2010	K-8	Coweta, Meriwether, Spalding

Students Served

School Name	Female	White	Black	Hispanic	Other Race	FRL	Direct Cert	LEP	SWD
Coweta Charter Academy	49.1	64.2	16.4	10.0	9.4	29.5	12.8	3.3	10.2

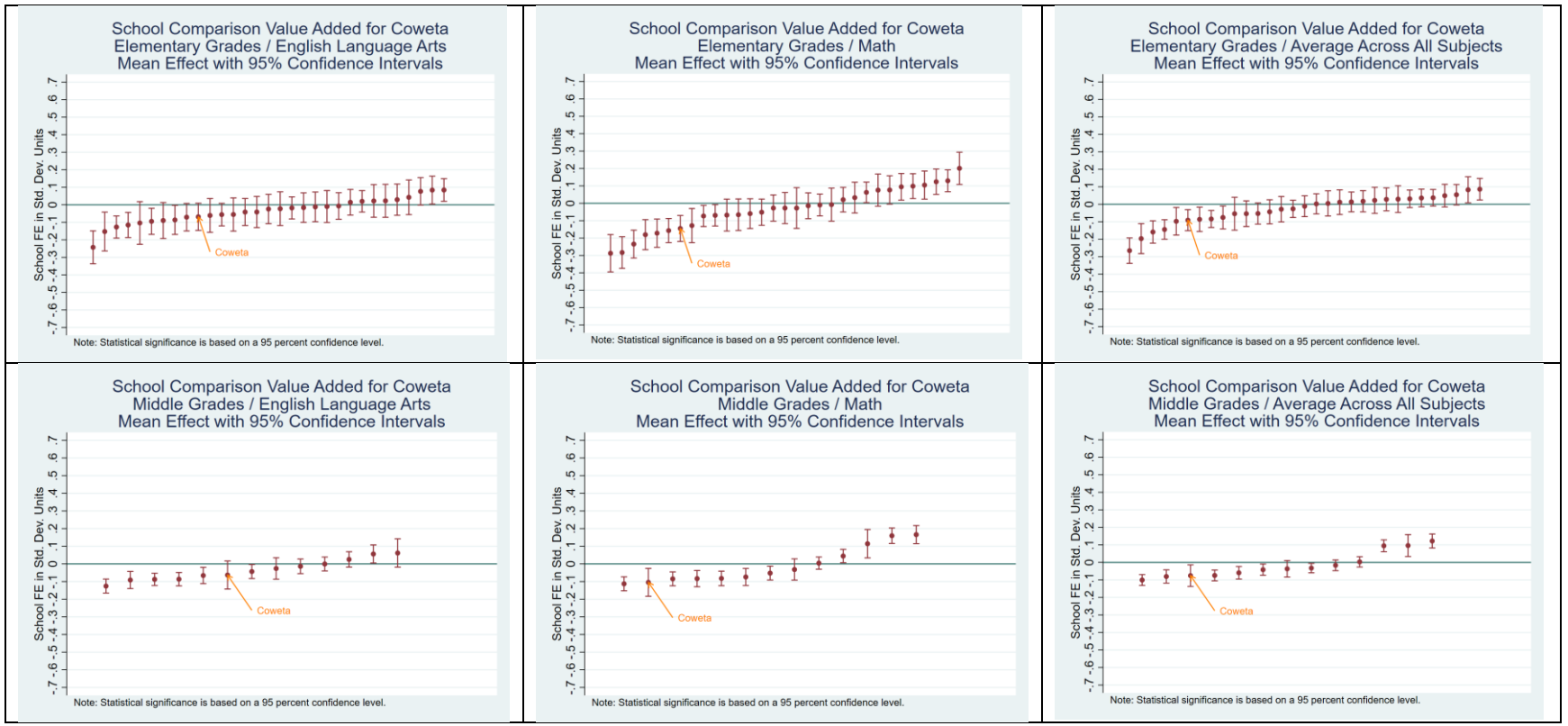
Note. All data are reported percentages (% omitted)

Value-Added Results Summary by Grade Level and Subject

	Value-Added (Controls for Student Demographics and Prior Test Scores)								
Grade Level and Subject	**School Effect**	**State Percentile (higher is better)**	**Statistically Different from State Average?**	**School Comparison Rank (lower is better)**	**School Comparison Weighted Average**	**Statistically Different from School Comparison Average?**	**District Comparison Rank (lower is better)**	**District Comparison Weighted Average**	**Statistically Different from District Comparison Average?**
Elementary									
ELA	-0.069	24	No	22 out of 31	-0.044	No	7 out of 9	-0.037	No
Math	-0.145	12	Lower	25 out of 31	-0.076	No	9 out of 9	-0.017	Lower
All-Subject Average	-0.091	16	Lower	26 out of 31	-0.054	No	8 out of 9	-0.022	Lower
Middle									
ELA	-0.063	19	No	8 out of 13	-0.032	No	4 out of 4	-0.046	No
Math	-0.105	13	Lower	12 out of 13	0.019	Lower	4 out of 4	-0.027	No
All-Subject Average	-0.076	12	Lower	11 out of 13	0.007	Lower	4 out of 4	-0.029	No
Combined Grade									
ELA	-0.072			30 out of 43	-0.044	No	7 out of 9	-0.048	No
Math	-0.134			37 out of 43	-0.057	Lower	9 out of 9	0.008	Lower
All-Subject Average	-0.093			36 out of 43	-0.042	Lower	9 out of 9	0.001	Lower

Note. Statistical significance is based on a 95 percent confidence level. The state average value-added effect is zero. The school comparison weighted average represents a weighted average of performance of the schools in the relevant grouping for this school, weighted by the share of students in this charter who would have attended. The district comparison weighted average represents a weighted average of performance of the districts in the relevant grouping for this school, weighted by the share of students in this charter who would have attended.

Charter School Value-Added Compared to Competing Schools, by Grade Level and Subject



Note. Statistical significance is based on a 95 percent confidence level. The figures present the school-comparison value added estimates for the charter school and each of its comparison schools. The set of schools corresponds to those in the school-comparison rank estimates presented in the table above.

D.E.L.T.A. STEAM Academy

General Characteristics

School Name	Calendar Year Opened	Grades Served	Attendance Zone
D.E.L.T.A. STEAM Academy	2020	K; 3	Douglas, Fulton, Cobb, and Atlanta Public Schools

Students Served

School Name	Female	White	Black	Hispanic	Other Race	FRL	Direct Cert	LEP	SWD
D.E.L.T.A. STEAM	52.5	0.4	95.3	3.6	0.7	99.6	22.9	0.7	3.2

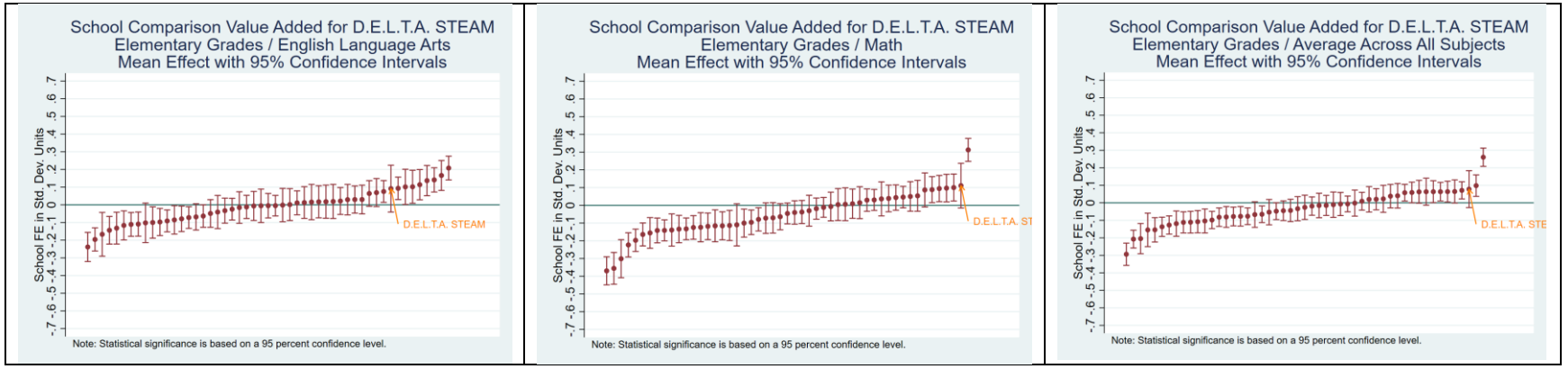
Note. All data are reported percentages (% omitted)

Value-Added Results Summary by Grade Level and Subject

	Value-Added (Controls for Student Demographics and Prior Test Scores)								
Grade Level and Subject	**School Effect**	**State Percentile (higher is better)**	**Statistically Different from State Average?**	**School Comparison Rank (lower is better)**	**School Comparison Weighted Average**	**Statistically Different from School Comparison Average?**	**District Comparison Rank (lower is better)**	**District Comparison Weighted Average**	**Statistically Different from District Comparison Average?**
Elementary									
ELA	0.092	82	No	9 out of 51	-0.003	No	2 out of 7	-0.004	No
Math	0.111	82	No	2 out of 51	-0.074	Higher	1 out of 7	-0.060	Higher
All-Subject Average	0.078	81	No	3 out of 51	-0.036	Higher	2 out of 7	-0.029	Higher
Combined Grade									
ELA	0.096			8 out of 51	-0.002	No	1 out of 7	0.012	No
Math	0.093			5 out of 51	-0.071	Higher	1 out of 7	-0.045	Higher
All-Subject Average	0.073			6 out of 51	-0.032	No	1 out of 7	-0.024	No

Note. Statistical significance is based on a 95 percent confidence level. The state average value-added effect is zero. The school comparison weighted average represents a weighted average of performance of the schools in the relevant grouping for this school, weighted by the share of students in this charter who would have attended. The district comparison weighted average represents a weighted average of performance of the districts in the relevant grouping for this school, weighted by the share of students in this charter who would have attended.

Charter School Value-Added Compared to Competing Schools, by Grade Level and Subject



Note. Statistical significance is based on a 95 percent confidence level. The figures present the school-comparison value added estimates for the charter school and each of its comparison schools. The set of schools corresponds to those in the school-comparison rank estimates presented in the table above.

Dekalb Brilliance Academy

General Characteristics

School Name	Calendar Year Opened	Grades Served	Attendance Zone
DeKalb Brilliance	2022	K-2	Atlanta Public Schools and Dekalb County School District

Students Served

School Name	Female	White	Black	Hispanic	Other Race	FRL	Direct Cert	LEP	SWD
DeKalb Brilliance	48.8	3.7	93.3	1.2	1.8	0.0	53.2	0.0	11.6

Note. All data are reported percentages (% omitted)

Value-Added Results Summary by Grade Level and Subject

[Value added could not be calculated for DeKalb Brilliance Academy due to grades served.]

Destination Career Academy

General Characteristics

School Name	Calendar Year Opened	Grades Served	Attendance Zone
Destination	2022	6-8	Statewide

Students Served

School Name	Female	White	Black	Hispanic	Other Race	FRL	Direct Cert	LEP	SWD
Destination	53.4	30.6	43.3	13.7	12.1	57.0	52.2	2.3	17.9

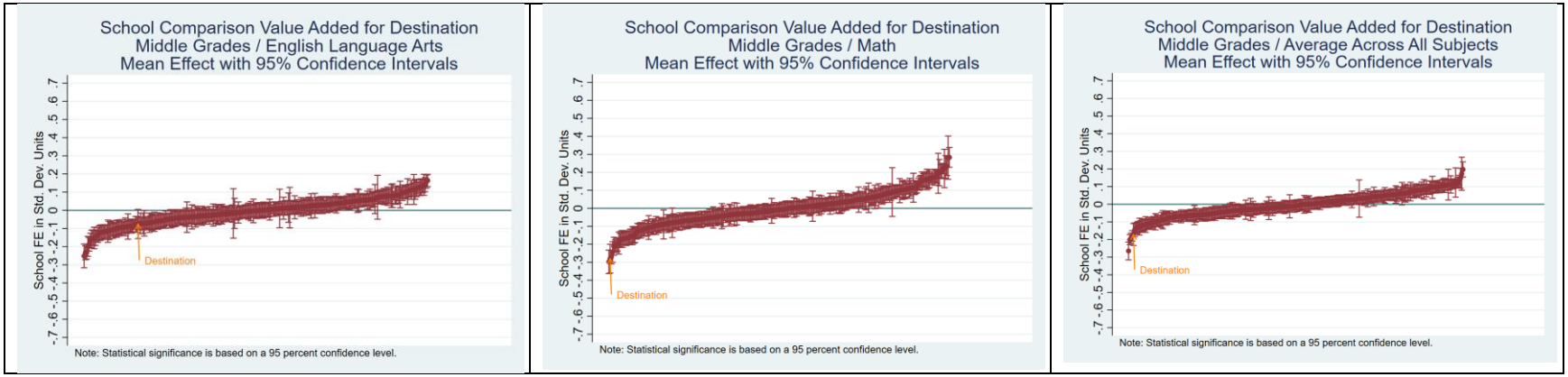
Note. All data are reported percentages (% omitted)

Value-Added Results Summary by Grade Level and Subject

	Value-Added (Controls for Student Demographics and Prior Test Scores)								
Grade Level and Subject	**School Effect**	**State Percentile (higher is better)**	**Statistically Different from State Average?**	**School Comparison Rank (lower is better)**	**School Comparison Weighted Average**	**Statistically Different from School Comparison Average?**	**District Comparison Rank (lower is better)**	**District Comparison Weighted Average**	**Statistically Different from District Comparison Average?**
Middle									
ELA	-0.075	16	No	232 out of 275	-0.006	No	107 out of 116	0.002	No
Math	-0.280	1	Lower	274 out of 275	-0.004	Lower	116 out of 116	0.003	Lower
All-Subject Average	-0.171	2	Lower	271 out of 275	-0.004	Lower	115 out of 116	0.003	Lower
Combined Grade									
ELA	-0.076			231 out of 275	-0.005	No	107 out of 116	0.001	No
Math	-0.285			275 out of 275	-0.003	Lower	116 out of 116	0.001	Lower
All-Subject Average	-0.171			272 out of 275	0.000	Lower	115 out of 116	0.001	Lower

Note. Statistical significance is based on a 95 percent confidence level. The state average value-added effect is zero. The school comparison weighted average represents a weighted average of performance of the schools in the relevant grouping for this school, weighted by the share of students in this charter who would have attended. The district comparison weighted average represents a weighted average of performance of the districts in the relevant grouping for this school, weighted by the share of students in this charter who would have attended.

Charter School Value-Added Compared to Competing Schools, by Grade Level and Subject



Note. Statistical significance is based on a 95 percent confidence level. The figures present the school-comparison value added estimates for the charter school and each of its comparison schools. The set of schools corresponds to those in the school-comparison rank estimates presented in the table above.

DuBois Integrity Academy

General Characteristics

School Name	Calendar Year Opened	Grades Served	Attendance Zone
DuBois Integrity Academy	2015	K-6	Clayton County

Students Served

School Name	Female	White	Black	Hispanic	Other Race	FRL	Direct Cert	LEP	SWD
DuBois Integrity Academy	53.9	0.4	92.4	4.1	3.0	100.0	49.2	3.7	7.8

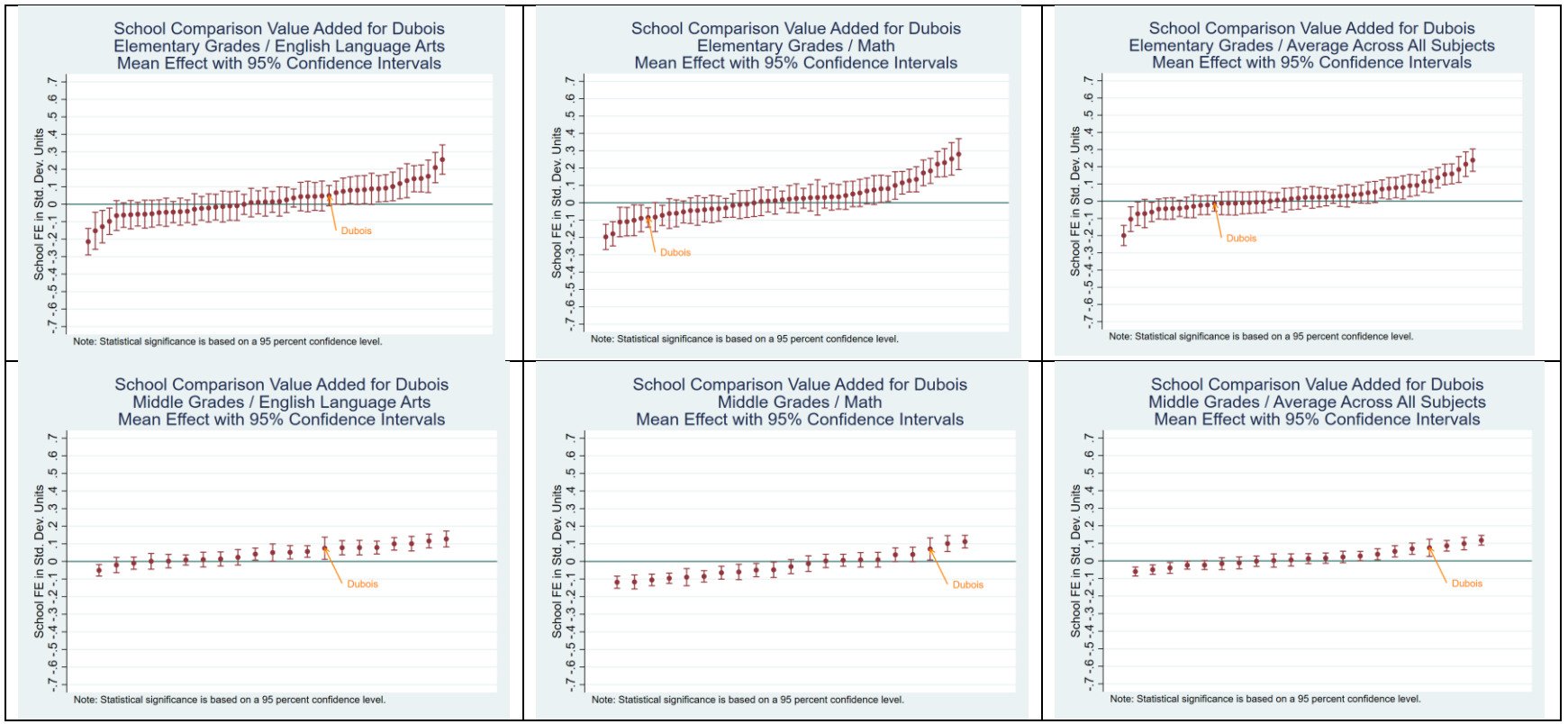
Note. All data are reported percentages (% omitted)

Value-Added Results Summary by Grade Level and Subject

	Value-Added (Controls for Student Demographics and Prior Test Scores)								
Grade Level and Subject	**School Effect**	**State Percentile (higher is better)**	**Statistically Different from State Average?**	**School Comparison Rank (lower is better)**	**School Comparison Weighted Average**	**Statistically Different from School Comparison Average?**	**District Comparison Rank (lower is better)**	**District Comparison Weighted Average**	**Statistically Different from District Comparison Average?**
Elementary									
ELA	0.049	70	No	17 out of 51	0.006	No	4 out of 7	0.014	No
Math	-0.085	24	Lower	45 out of 51	0.019	Lower	6 out of 7	0.013	Lower
All-Subject Average	-0.013	44	No	38 out of 51	0.022	No	6 out of 7	0.023	No
Middle									
ELA	0.075	84	Higher	8 out of 21	0.043	No	1 out of 4	0.056	No
Math	0.071	78	Higher	3 out of 21	-0.027	Higher	1 out of 4	-0.020	Higher
All-Subject Average	0.075	84	Higher	4 out of 21	0.018	Higher	1 out of 4	0.028	No
Combined Grade									
ELA	0.063			23 out of 71	0.009	Higher	3 out of 7	0.038	No
Math	-0.011			40 out of 71	0.012	No	5 out of 7	-0.011	No
All-Subject Average	0.037			25 out of 71	0.026	No	3 out of 7	0.017	No

Note. Statistical significance is based on a 95 percent confidence level. The state average value-added effect is zero. The school comparison weighted average represents a weighted average of performance of the schools in the relevant grouping for this school, weighted by the share of students in this charter who would have attended. The district comparison weighted average represents a weighted average of performance of the districts in the relevant grouping for this school, weighted by the share of students in this charter who would have attended.

Charter School Value-Added Compared to Competing Schools, by Grade Level and Subject



Note. Statistical significance is based on a 95 percent confidence level. The figures present the school-comparison value added estimates for the charter school and each of its comparison schools. The set of schools corresponds to those in the school-comparison rank estimates presented in the table above.

Ethos Classical Charter School

General Characteristics

School Name	Calendar Year Opened	Grades Served	Attendance Zone
Ethos Classical Charter School	2019	K-1; 4	Atlanta Public Schools and Fulton County

Students Served

School Name	Female	White	Black	Hispanic	Other Race	FRL	Direct Cert	LEP	SWD
Ethos Classical	47.9	1.5	92.5	3.5	2.5	100.0	55.5	0.3	10.5

Note. All data are reported percentages (% omitted)

Value-Added Results Summary by Grade Level and Subject

[Value added could not be calculated for Ethos Classical Charter School due to grades served.]

Fulton Leadership Academy

General Characteristics

School Name	Calendar Year Opened	Grades Served	Attendance Zone
Fulton Leadership Academy	2010	6-12	Atlanta Public Schools, Clayton, Fulton

Students Served

School Name	Female	White	Black	Hispanic	Other Race	FRL	Direct Cert	LEP	SWD
Fulton Leadership	0.0	0.0	94.7	2.4	2.9	67.6	38.8	0.5	17.9

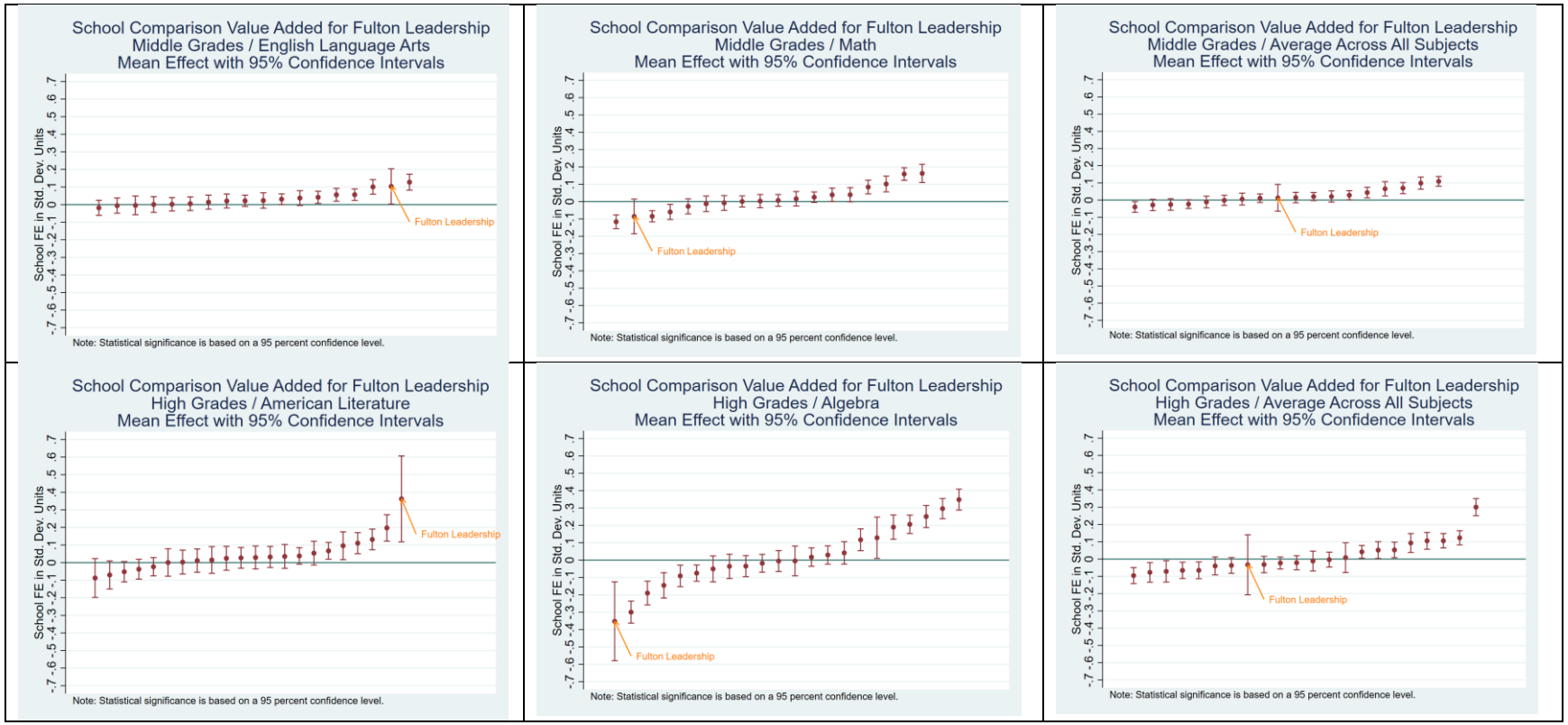
Note. All data are reported percentages (% omitted)

Value-Added Results Summary by Grade Level and Subject

	Value-Added (Controls for Student Demographics and Prior Test Scores)								
Grade Level and Subject	**School Effect**	**State Percentile (higher is better)**	**Statistically Different from State Average?**	**School Comparison Rank (lower is better)**	**School Comparison Weighted Average**	**Statistically Different from School Comparison Average?**	**District Comparison Rank (lower is better)**	**District Comparison Weighted Average**	**Statistically Different from District Comparison Average?**
Middle									
ELA	0.104	92	Higher	2 out of 18	0.031	No	1 out of 6	0.045	No
Math	-0.086	18	No	17 out of 18	0.006	No	6 out of 6	0.006	No
All-Subject Average	0.013	58	No	10 out of 18	0.013	No	6 out of 6	0.022	No
High									
American Literature	0.362	99	Higher	1 out of 22	0.022	Higher	1 out of 7	0.024	Higher
Algebra 1	-0.353	4	Lower	22 out of 22	0.109	Lower	7 out of 7	0.069	Lower
All-Subject Average	-0.033	41	No	15 out of 22	0.045	No	7 out of 7	0.030	No
Combined Grade									
ELA	0.130			2 out of 39	-0.004	Higher	1 out of 8	0.049	No
Math	-0.150			35 out of 39	0.021	Lower	8 out of 8	0.022	Lower
All-Subject Average	-0.014			21 out of 39	-0.005	No	7 out of 8	0.024	No

Note. Statistical significance is based on a 95 percent confidence level. The state average value-added effect is zero. The school comparison weighted average represents a weighted average of performance of the schools in the relevant grouping for this school, weighted by the share of students in this charter who would have attended. The district comparison weighted average represents a weighted average of performance of the districts in the relevant grouping for this school, weighted by the share of students in this charter who would have attended.

Charter School Value-Added Compared to Competing Schools, by Grade Level and Subject



Note. Statistical significance is based on a 95 percent confidence level. The figures present the school-comparison value added estimates for the charter school and each of its comparison schools. The set of schools corresponds to those in the school-comparison rank estimates presented in the table above.

Furlow Charter School

General Characteristics

School Name	Calendar Year Opened	Grades Served	Attendance Zone
Furlow Charter School	2020	K-12	Sumter

Students Served

School Name	Female	White	Black	Hispanic	Other Race	FRL	Direct Cert	LEP	SWD
Furlow	50.3	55.7	16.4	16.0	11.9	100.0	36.6	2.6	15.0

Note. All data are reported percentages (% omitted)

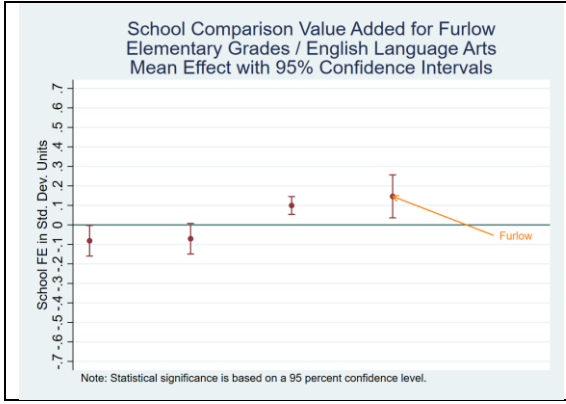
Value-Added Results Summary by Grade Level and Subject

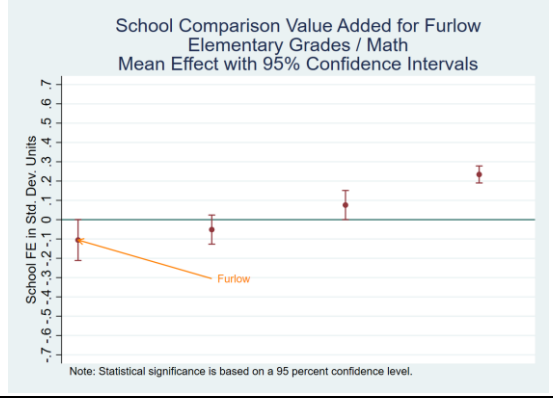
	Value-Added (Controls for Student Demographics and Prior Test Scores)								
Grade Level and Subject	**School Effect**	**State Percentile (higher is better)**	**Statistically Different from State Average?**	**School Comparison Rank (lower is better)**	**School Comparison Weighted Average**	**Statistically Different from School Comparison Average?**	**District Comparison Rank (lower is better)**	**District Comparison Weighted Average**	**Statistically Different from District Comparison Average?**
Elementary									
ELA	0.146	93	Higher	1 out of 4	0.030	Higher	1 out of 5	0.098	No
Math	-0.105	19	No	4 out of 4	0.071	Lower	5 out of 5	0.232	Lower
All-Subject Average	0.026	62	No	2 out of 4	0.056	No	2 out of 5	0.185	Lower
Middle									
ELA	0.027	64	No	3 out of 4	0.109	No	2 out of 3	0.110	No
Math	-0.022	42	No	3 out of 4	0.062	No	3 out of 3	0.063	No
All-Subject Average	0.014	58	No	3 out of 4	0.084	No	2 out of 3	0.084	No
High									
American Literature	0.023	59	No	3 out of 3	0.059	No	3 out of 3	0.059	No
Algebra 1	-0.372	3	Lower	2 out of 2	0.001	Lower	2 out of 2	0.003	Lower
All-Subject Average	-0.238	2	Lower	4 out of 4	0.109	Lower	3 out of 3	0.109	Lower

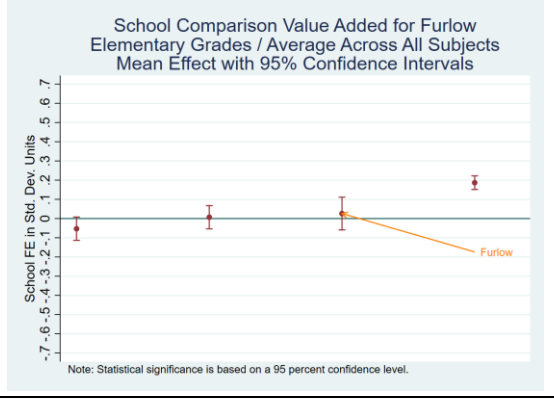
	Value-Added (Controls for Student Demographics and Prior Test Scores)								
Grade Level and Subject	**School Effect**	**State Percentile (higher is better)**	**Statistically Different from State Average?**	**School Comparison Rank (lower is better)**	**School Comparison Weighted Average**	**Statistically Different from School Comparison Average?**	**District Comparison Rank (lower is better)**	**District Comparison Weighted Average**	**Statistically Different from District Comparison Average?**
Combined Grade									
ELA	0.078			3 out of 8	0.046	No	2 out of 5	0.107	No
Math	-0.104			8 out of 8	0.059	Lower	5 out of 5	0.149	Lower
All-Subject Average	-0.043			8 out of 9	0.063	Lower	5 out of 5	0.138	Lower

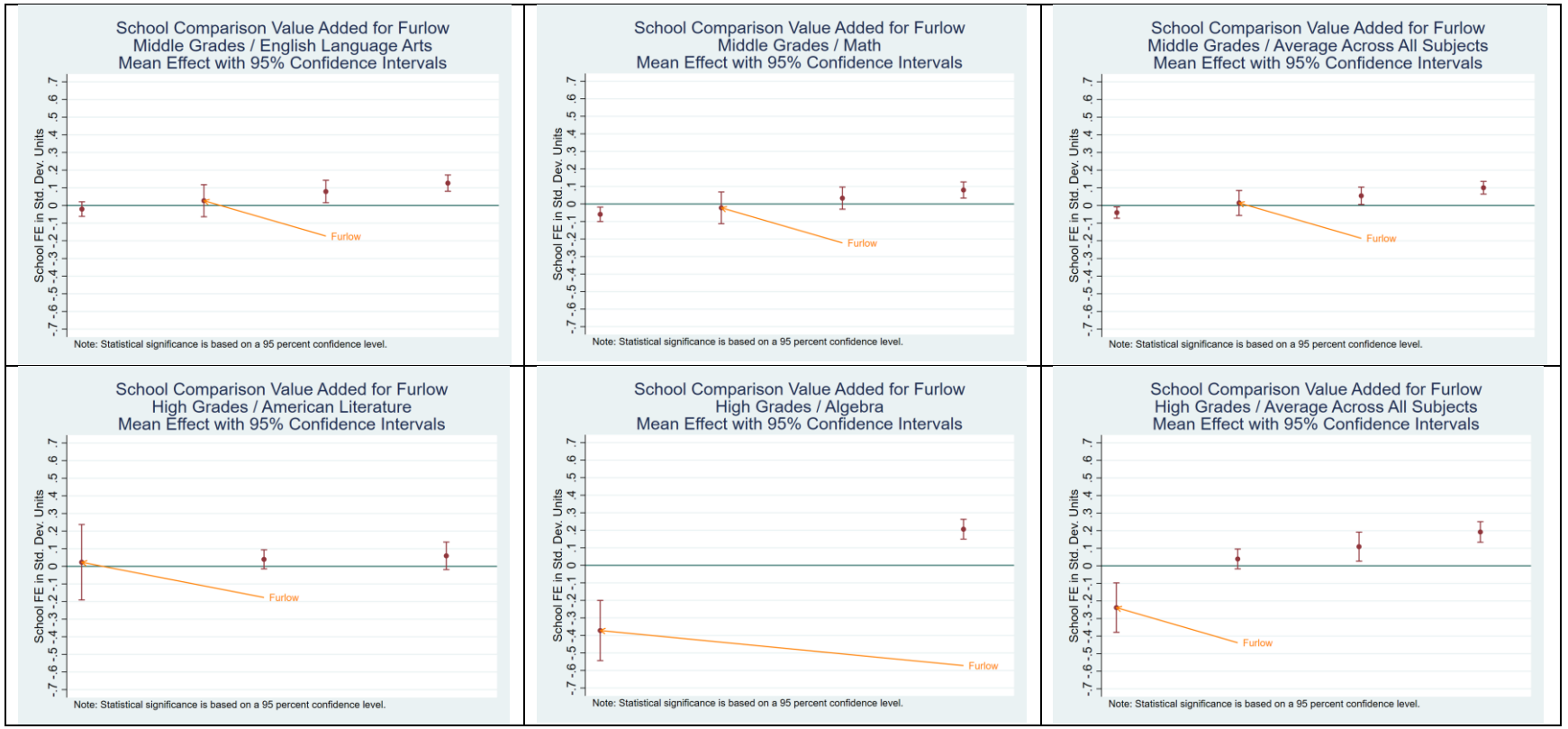
Note. Statistical significance is based on a 95 percent confidence level. The state average value-added effect is zero. The school comparison weighted average represents a weighted average of performance of the schools in the relevant grouping for this school, weighted by the share of students in this charter who would have attended. The district comparison weighted average represents a weighted average of performance of the districts in the relevant grouping for this school, weighted by the share of students in this charter who would have attended.

Charter School Value-Added Compared to Competing Schools, by Grade Level and Subject









Note. Statistical significance is based on a 95 percent confidence level. The figures present the school-comparison value added estimates for the charter school and each of its comparison schools. The set of schools corresponds to those in the school-comparison rank estimates presented in the table above.

Genesis Academy for Boys

General Characteristics

School Name	Calendar Year Opened	Grades Served	Attendance Zone
Genesis Academy for boys	2017	K-9	Statewide

Students Served

School Name	Female	White	Black	Hispanic	Other Race	FRL	Direct Cert	LEP	SWD
Genesis - Boys	0.0	0.7	88.9	9.4	1.0	73.2	44.1	5.6	10.8

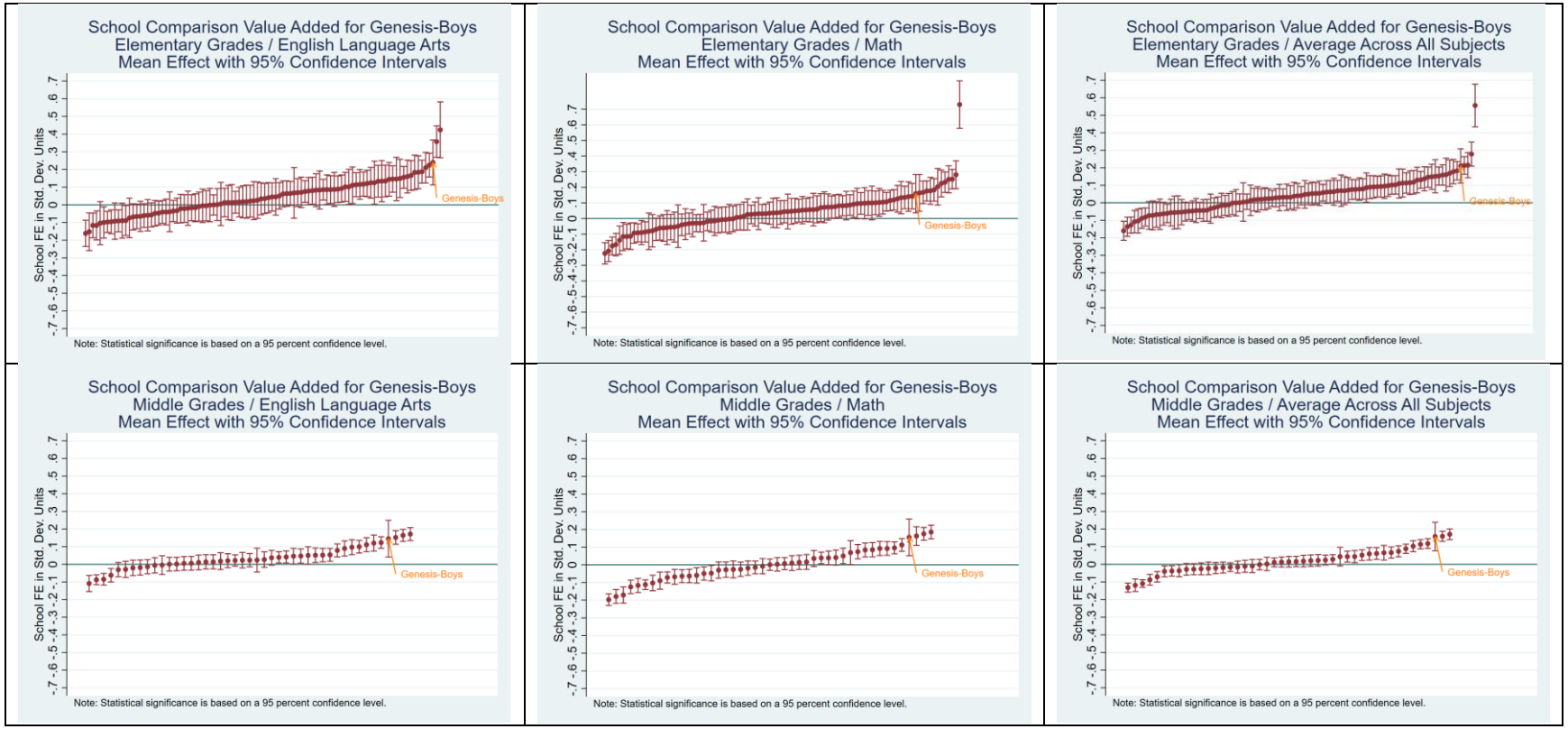
Note. All data are reported percentages (% omitted)

Value-Added Results Summary by Grade Level and Subject

	Value-Added (Controls for Student Demographics and Prior Test Scores)								
Grade Level and Subject	**School Effect**	**State Percentile (higher is better)**	**Statistically Different from State Average?**	**School Comparison Rank (lower is better)**	**School Comparison Weighted Average**	**Statistically Different from School Comparison Average?**	**District Comparison Rank (lower is better)**	**District Comparison Weighted Average**	**Statistically Different from District Comparison Average?**
Elementary									
ELA	0.240	98	Higher	3 out of 98	0.040	Higher	1 out of 11	0.055	Higher
Math	0.159	89	Higher	13 out of 98	0.024	Higher	1 out of 11	0.034	No
All-Subject Average	0.211	98	Higher	5 out of 98	0.035	Higher	1 out of 11	0.047	Higher
Middle									
ELA	0.145	97	Higher	4 out of 45	0.026	Higher	1 out of 13	0.042	No
Math	0.155	92	Higher	4 out of 45	0.007	Higher	1 out of 13	0.013	Higher
All-Subject Average	0.157	97	Higher	3 out of 45	0.017	Higher	1 out of 13	0.027	Higher
Combined Grade									
ELA	0.181			8 out of 142	0.037	Higher	1 out of 14	0.045	Higher
Math	0.158			15 out of 142	0.025	Higher	1 out of 14	0.022	Higher
All-Subject Average	0.182			9 out of 142	0.040	Higher	1 out of 14	0.031	Higher

Note. Statistical significance is based on a 95 percent confidence level. The state average value-added effect is zero. The school comparison weighted average represents a weighted average of performance of the schools in the relevant grouping for this school, weighted by the share of students in this charter who would have attended. The district comparison weighted average represents a weighted average of performance of the districts in the relevant grouping for this school, weighted by the share of students in this charter who would have attended.

Charter School Value-Added Compared to Competing Schools, by Grade Level and Subject



Note. Statistical significance is based on a 95 percent confidence level. The figures present the school-comparison value added estimates for the charter school and each of its comparison schools. The set of schools corresponds to those in the school-comparison rank estimates presented in the table above.

Genesis Academy for Girls

General Characteristics

School Name	Calendar Year Opened	Grades Served	Attendance Zone
Genesis Academy for Girls	2017	K-9	Statewide

Students Served

School Name	Female	White	Black	Hispanic	Other Race	FRL	Direct Cert	LEP	SWD
Genesis - Girls	100.0	1.4	88.5	8.2	1.8	66.3	46.1	3.6	5.4

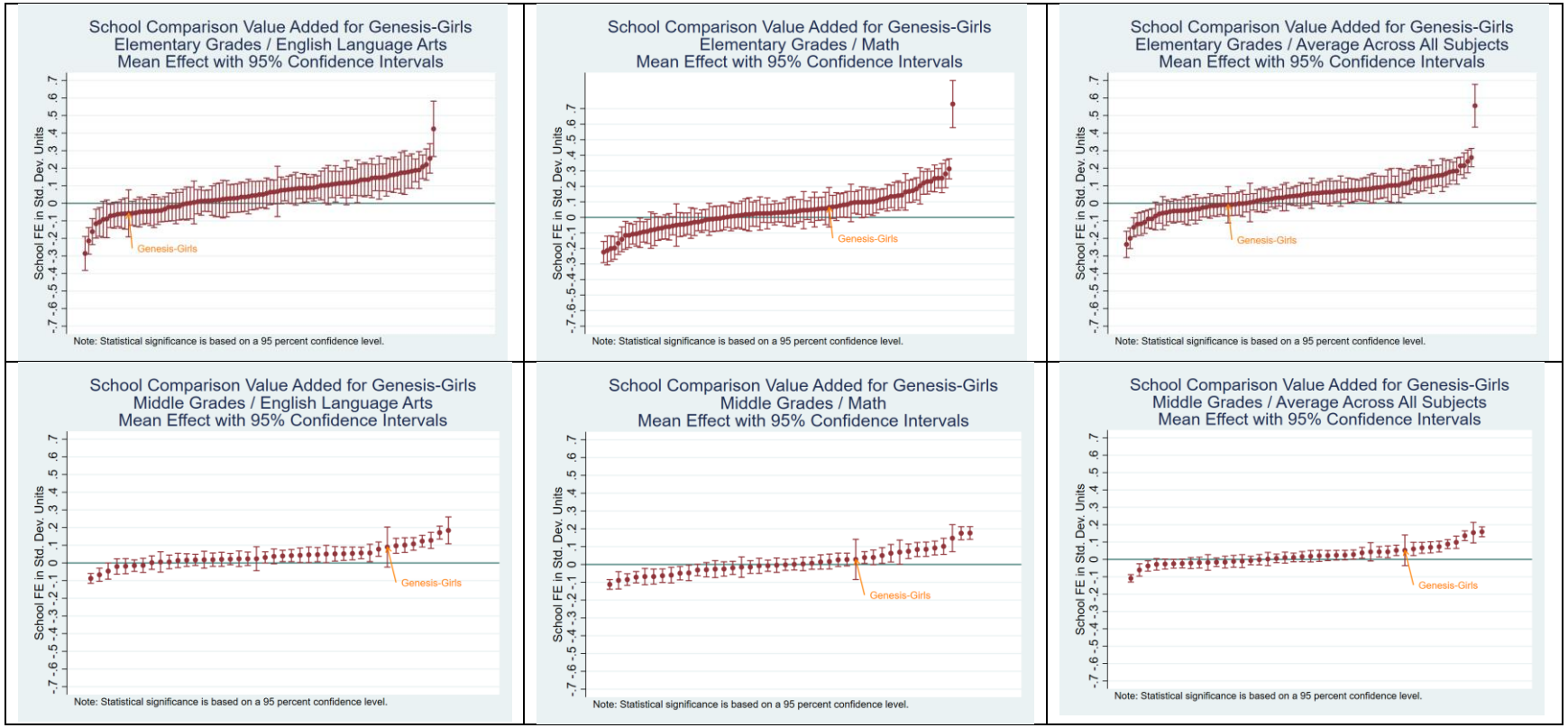
Note. All data are reported percentages (% omitted)

Value-Added Results Summary by Grade Level and Subject

	Value-Added (Controls for Student Demographics and Prior Test Scores)								
Grade Level and Subject	**School Effect**	**State Percentile (higher is better)**	**Statistically Different from State Average?**	**School Comparison Rank (lower is better)**	**School Comparison Weighted Average**	**Statistically Different from School Comparison Average?**	**District Comparison Rank (lower is better)**	**District Comparison Weighted Average**	**Statistically Different from District Comparison Average?**
Elementary									
ELA	-0.057	29	No	85 out of 97	0.040	No	13 out of 15	0.054	No
Math	0.065	71	No	35 out of 97	0.022	No	2 out of 15	0.033	No
All-Subject Average	-0.008	47	No	69 out of 97	0.034	No	7 out of 15	0.045	No
Middle									
ELA	0.090	88	No	8 out of 42	0.033	No	1 out of 11	0.043	No
Math	0.028	64	No	14 out of 42	0.015	No	5 out of 11	0.014	No
All-Subject Average	0.052	77	No	10 out of 42	0.023	No	3 out of 11	0.026	No
Combined Grade									
ELA	0.041			70 out of 137	0.041	No	4 out of 15	0.044	No
Math	0.048			53 out of 137	0.027	No	4 out of 15	0.021	No
All-Subject Average	0.047			64 out of 137	0.042	No	3 out of 15	0.029	No

Note. Statistical significance is based on a 95 percent confidence level. The state average value-added effect is zero. The school comparison weighted average represents a weighted average of performance of the schools in the relevant grouping for this school, weighted by the share of students in this charter who would have attended. The district comparison weighted average represents a weighted average of performance of the districts in the relevant grouping for this school, weighted by the share of students in this charter who would have attended.

Charter School Value-Added Compared to Competing Schools, by Grade Level and Subject



Note. Statistical significance is based on a 95 percent confidence level. The figures present the school-comparison value added estimates for the charter school and each of its comparison schools. The set of schools corresponds to those in the school-comparison rank estimates presented in the table above.

Georgia Connections Academy

General Characteristics

School Name	Calendar Year Opened	Grades Served	Attendance Zone
Georgia Connections Academy	2011	5-12	Statewide

Students Served

School Name	Female	White	Black	Hispanic	Other Race	FRL	Direct Cert	LEP	SWD
GA Connections	51.6	41.6	41.2	5.0	11.8	39.0	31.9	0.8	15.9

Note. All data are reported percentages (% omitted)

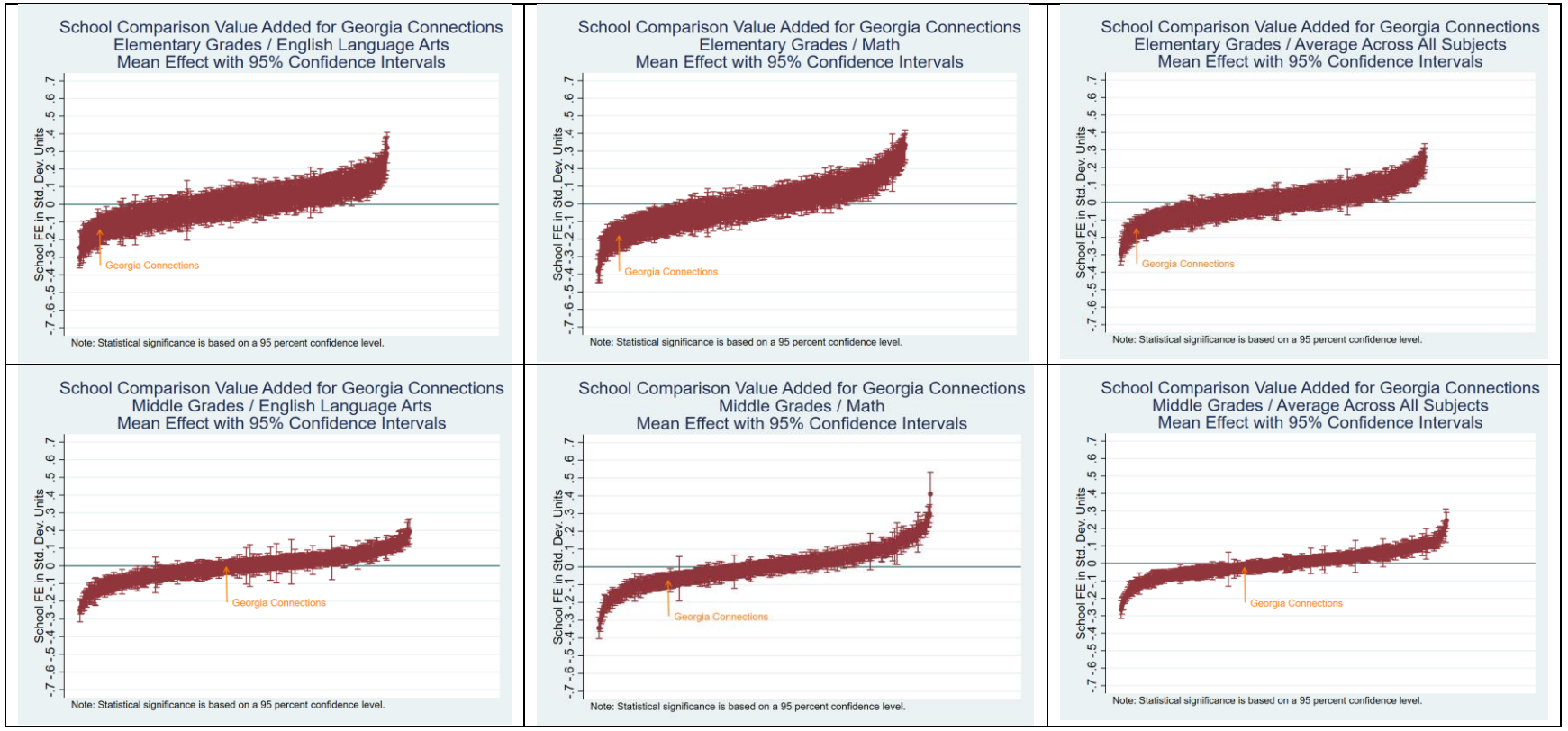
Value-Added Results Summary by Grade Level and Subject

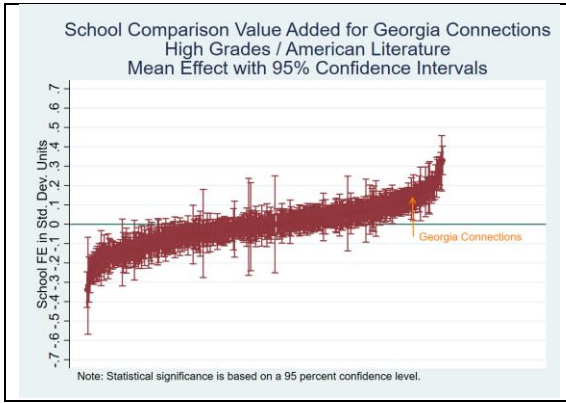
	Value-Added (Controls for Student Demographics and Prior Test Scores)								
Grade Level and Subject	**School Effect**	**State Percentile (higher is better)**	**Statistically Different from State Average?**	**School Comparison Rank (lower is better)**	**School Comparison Weighted Average**	**Statistically Different from School Comparison Average?**	**District Comparison Rank (lower is better)**	**District Comparison Weighted Average**	**Statistically Different from District Comparison Average?**
Elementary									
ELA	-0.144	7	Lower	624 out of 668	0.002	Lower	124 out of 134	0.002	Lower
Math	-0.182	7	Lower	623 out of 668	-0.011	Lower	131 out of 134	-0.005	Lower
All-Subject Average	-0.151	6	Lower	634 out of 668	-0.003	Lower	132 out of 134	0.000	Lower
Middle									
ELA	-0.007	43	No	249 out of 447	-0.005	No	86 out of 158	0.000	No
Math	-0.077	21	Lower	354 out of 447	-0.010	Lower	130 out of 158	-0.005	Lower
All-Subject Average	-0.025	37	Lower	278 out of 447	-0.006	No	102 out of 158	-0.002	Lower
High									
American Literature	0.136	92	Higher	31 out of 353	0.002	Higher	13 out of 164	0.005	Higher
Algebra 1	-0.085	37	Lower	196 out of 316	-0.013	Lower	88 out of 148	-0.039	No
All-Subject Average	0.022	60	No	144 out of 355	0.001	No	62 out of 164	0.002	No
Combined Grade									
ELA	-0.013			194 out of 359	-0.002	No	89 out of 164	0.001	No
Math	-0.062			187 out of 340	-0.014	Lower	133 out of 164	-0.005	Lower

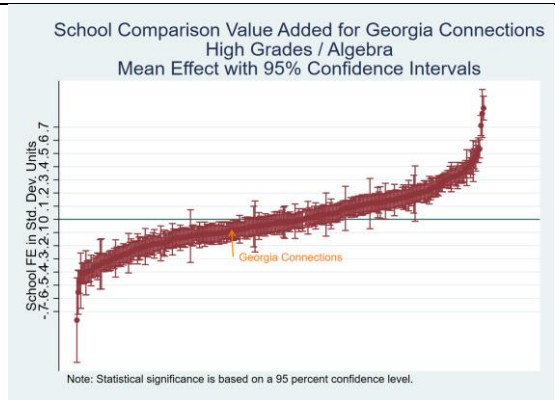
	Value-Added (Controls for Student Demographics and Prior Test Scores)								
Grade Level and Subject	**School Effect**	**State Percentile (higher is better)**	**Statistically Different from State Average?**	**School Comparison Rank (lower is better)**	**School Comparison Weighted Average**	**Statistically Different from School Comparison Average?**	**District Comparison Rank (lower is better)**	**District Comparison Weighted Average**	**Statistically Different from District Comparison Average?**
All-Subject Average	-0.029			194 out of 360	-0.002	Lower	112 out of 164	-0.002	Lower

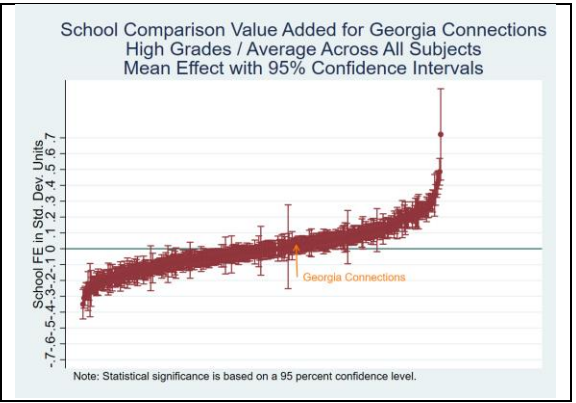
Note. Statistical significance is based on a 95 percent confidence level. The state average value-added effect is zero. The school comparison weighted average represents a weighted average of performance of the schools in the relevant grouping for this school, weighted by the share of students in this charter who would have attended. The district comparison weighted average represents a weighted average of performance of the districts in the relevant grouping for this school, weighted by the share of students in this charter who would have attended.

Charter School Value-Added Compared to Competing Schools, by Grade Level and Subject









Note. Statistical significance is based on a 95 percent confidence level. The figures present the school-comparison value added estimates for the charter school and each of its comparison schools. The set of schools corresponds to those in the school-comparison rank estimates presented in the table above.

Georgia Cyber Academy

General Characteristics

School Name	Calendar Year Opened	Grades Served	Attendance Zone
Georgia Cyber Academy	2014	K-12	Statewide

Students Served

School Name	Female	White	Black	Hispanic	Other Race	FRL	Direct Cert	LEP	SWD
GA Cyber	51.1	29.7	49.9	10.4	9.8	44.9	42.8	2.0	18.1

Note. All data are reported percentages (% omitted)

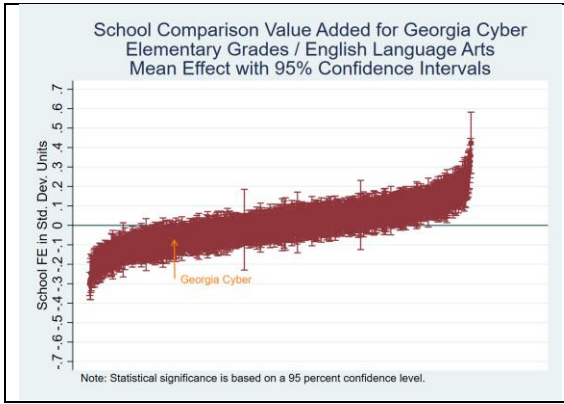
Value-Added Results Summary by Grade Level and Subject

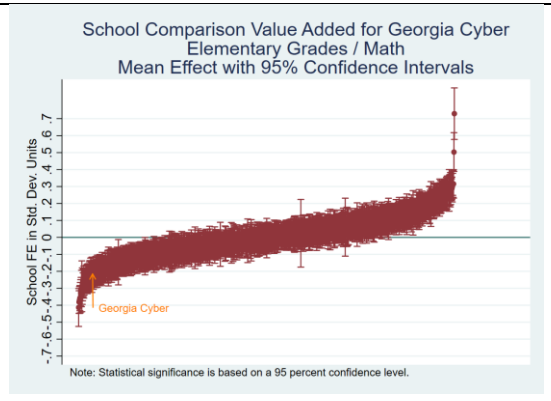
	Value-Added (Controls for Student Demographics and Prior Test Scores)								
Grade Level and Subject	**School Effect**	**State Percentile (higher is better)**	**Statistically Different from State Average?**	**School Comparison Rank (lower is better)**	**School Comparison Weighted Average**	**Statistically Different from School Comparison Average?**	**District Comparison Rank (lower is better)**	**District Comparison Weighted Average**	**Statistically Different from District Comparison Average?**
Elementary									
ELA	-0.076	22	Lower	738 out of 948	0.001	Lower	129 out of 165	0.003	Lower
Math	-0.215	4	Lower	913 out of 948	-0.008	Lower	162 out of 165	-0.005	Lower
All-Subject Average	-0.121	10	Lower	860 out of 948	-0.001	Lower	153 out of 165	0.000	Lower
Middle									
ELA	0.048	75	Higher	109 out of 465	-0.002	Higher	34 out of 166	0.003	Higher
Math	0.028	64	Higher	175 out of 465	-0.005	Higher	76 out of 166	-0.003	Higher
All-Subject Average	0.042	72	Higher	133 out of 465	-0.002	Higher	51 out of 166	0.001	Higher
High									
American Literature	0.250	98	Higher	7 out of 355	0.006	Higher	4 out of 167	0.006	Higher
Algebra 1	-0.089	36	Lower	197 out of 320	-0.006	Lower	88 out of 152	-0.057	No

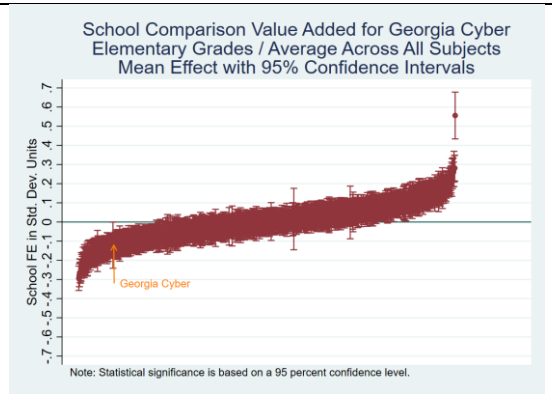
	Value-Added (Controls for Student Demographics and Prior Test Scores)								
Grade Level and Subject	**School Effect**	**State Percentile (higher is better)**	**Statistically Different from State Average?**	**School Comparison Rank (lower is better)**	**School Comparison Weighted Average**	**Statistically Different from School Comparison Average?**	**District Comparison Rank (lower is better)**	**District Comparison Weighted Average**	**Statistically Different from District Comparison Average?**
All-Subject Average	0.060	71	Higher	103 out of 358	0.007	Higher	44 out of 167	0.003	Higher
Combined Grade									
ELA	0.034			611 out of 1736	-0.001	Higher	39 out of 179	0.003	Higher
Math	-0.056			1145 out of 1718	-0.009	Lower	137 out of 179	-0.004	Lower
All-Subject Average	0.010			793 out of 1737	0.000	No	71 out of 179	0.000	No

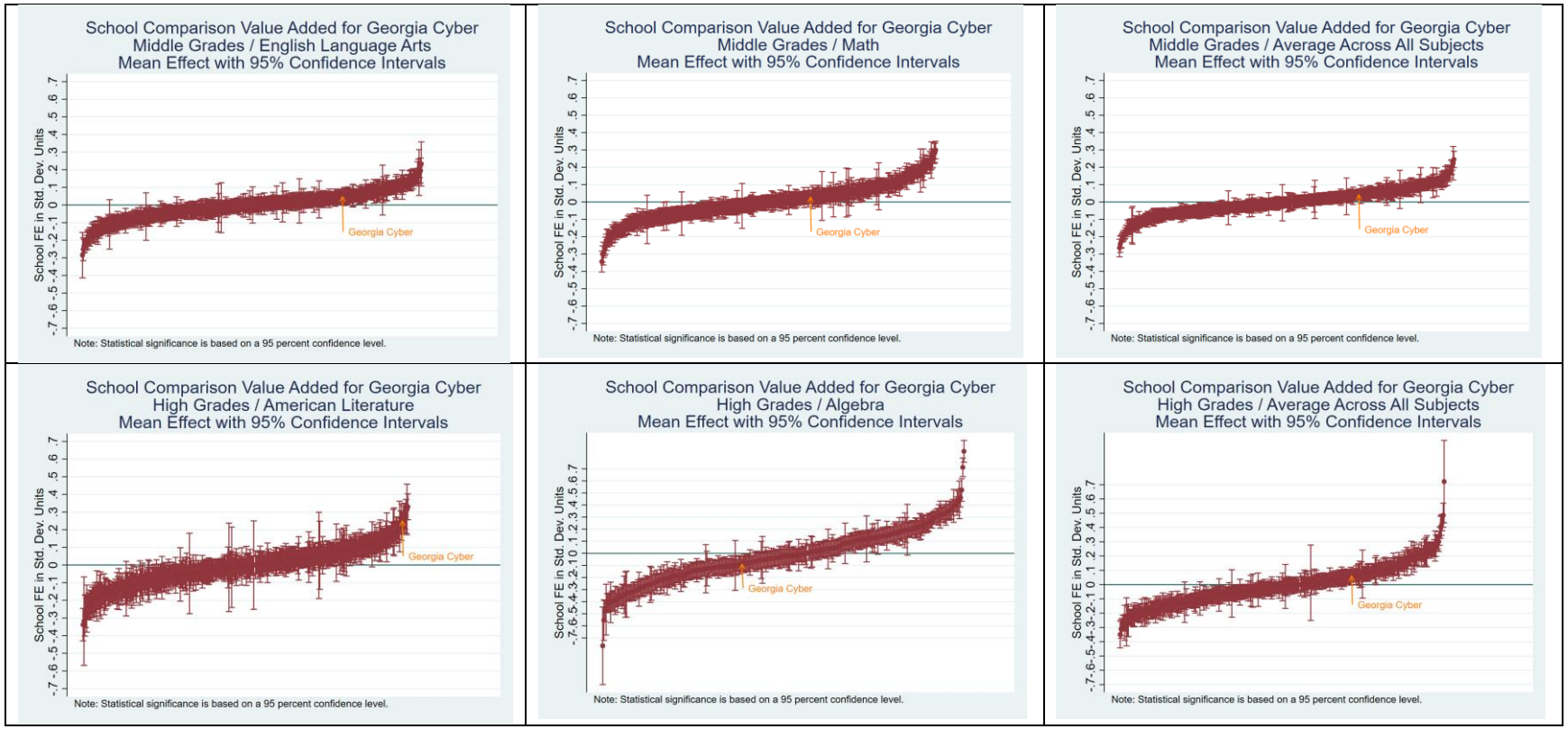
Note. Statistical significance is based on a 95 percent confidence level. The state average value-added effect is zero. The school comparison weighted average represents a weighted average of performance of the schools in the relevant grouping for this school, weighted by the share of students in this charter who would have attended. The district comparison weighted average represents a weighted average of performance of the districts in the relevant grouping for this school, weighted by the share of students in this charter who would have attended.

Charter School Value-Added Compared to Competing Schools, by Grade Level and Subject









Note. Statistical significance is based on a 95 percent confidence level. The figures present the school-comparison value added estimates for the charter school and each of its comparison schools. The set of schools corresponds to those in the school-comparison rank estimates presented in the table above.

Georgia Fugees Academy Charter School

General Characteristics

School Name	Calendar Year Opened	Grades Served	Attendance Zone
Georgia Fugees Academy Charter School	2020	6-12	Statewide

Students Served

School Name	Female	White	Black	Hispanic	Other Race	FRL	Direct Cert	LEP	SWD
GA Fugees	37.1	18.9	44.0	0.0	37.1	0.0	57.7	82.1	3.8

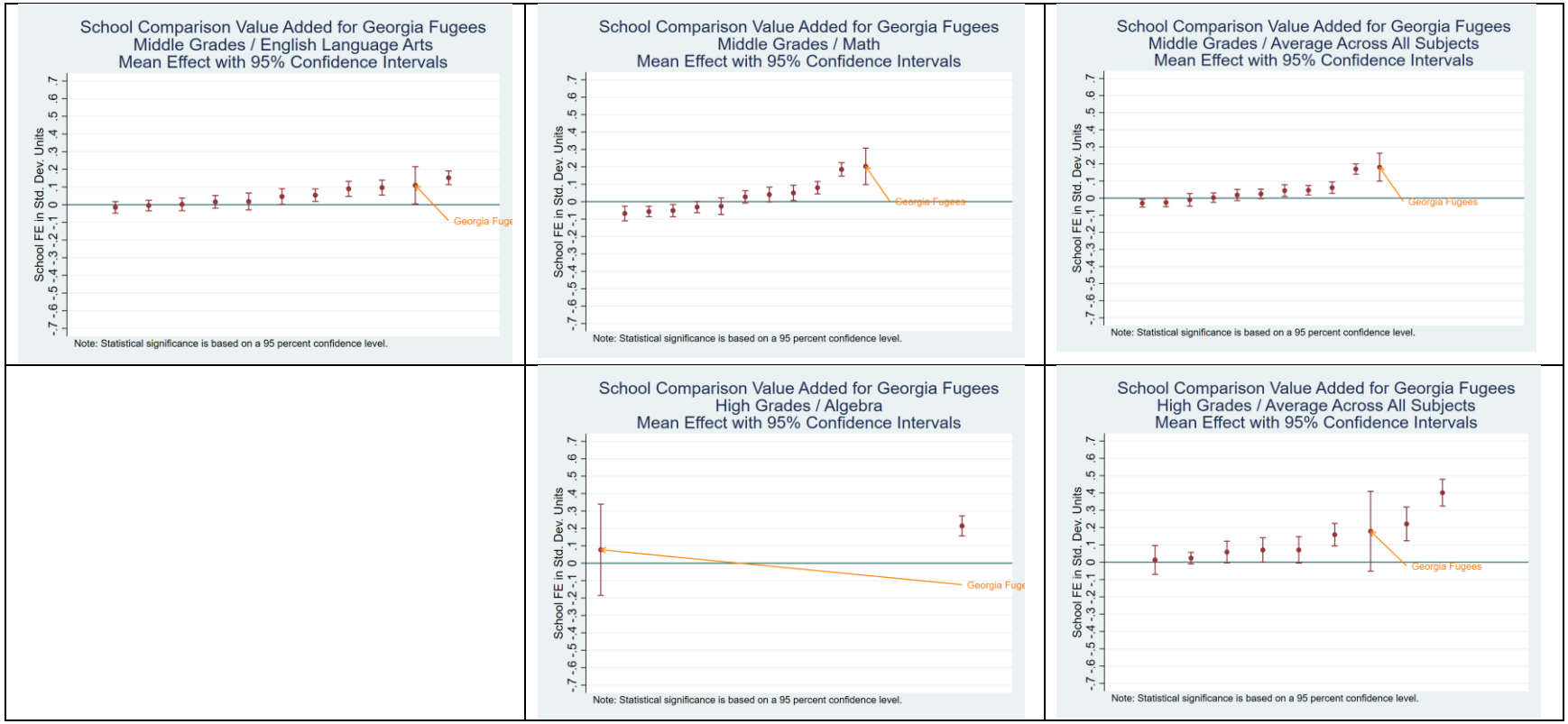
Note. All data are reported percentages (% omitted)

Value-Added Results Summary by Grade Level and Subject

	Value-Added (Controls for Student Demographics and Prior Test Scores)								
Grade Level and Subject	**School Effect**	**State Percentile (higher is better)**	**Statistically Different from State Average?**	**School Comparison Rank (lower is better)**	**School Comparison Weighted Average**	**Statistically Different from School Comparison Average?**	**District Comparison Rank (lower is better)**	**District Comparison Weighted Average**	**Statistically Different from District Comparison Average?**
Middle									
ELA	0.110	93	Higher	2 out of 11	0.042	No	1 out of 2	0.055	No
Math	0.203	96	Higher	1 out of 11	-0.014	Higher	1 out of 2	0.032	Higher
All-Subject Average	0.181	98	Higher	1 out of 11	0.016	Higher	1 out of 2	0.043	Higher
High									
American Literature									
Algebra 1	0.077	65	No	2 out of 2	0.004	No	2 out of 3	-0.455	Higher
All-Subject Average	0.179	89	No	3 out of 9	0.078	No	1 out of 3	0.122	No
Combined Grade									
ELA	0.119			4 out of 19	0.050	No	1 out of 3	0.069	No
Math	0.185			4 out of 14	0.000	Higher	1 out of 3	0.051	Higher
All-Subject Average	0.181			3 out of 19	0.028	Higher	1 out of 3	0.064	Higher

Note. Statistical significance is based on a 95 percent confidence level. The state average value-added effect is zero. The school comparison weighted average represents a weighted average of performance of the schools in the relevant grouping for this school, weighted by the share of students in this charter who would have attended. The district comparison weighted average represents a weighted average of performance of the districts in the relevant grouping for this school, weighted by the share of students in this charter who would have attended.

Charter School Value-Added Compared to Competing Schools, by Grade Level and Subject



Note. Statistical significance is based on a 95 percent confidence level. The figures present the school-comparison value added estimates for the charter school and each of its comparison schools. The set of schools corresponds to those in the school-comparison rank estimates presented in the table above.

Georgia School for Innovation and the Classics

General Characteristics

School Name	Calendar Year Opened	Grades Served	Attendance Zone
Georgia School for Innovation and the Classics	2015	K-11	Statewide

Students Served

School Name	Female	White	Black	Hispanic	Other Race	FRL	Direct Cert	LEP	SWD
GA Innovation	50.0	79.3	10.4	5.2	4.3	0.0	19.2	0.0	10.3

Note. All data are reported percentages (% omitted)

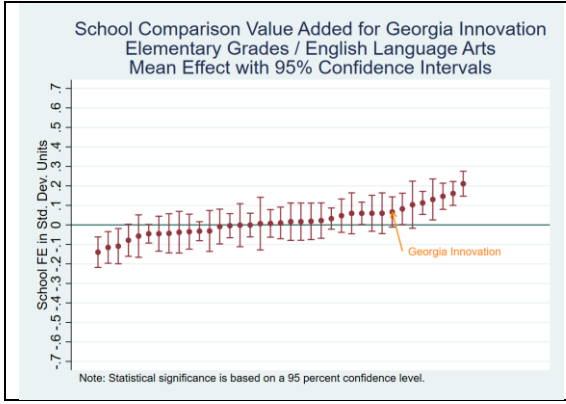
Value-Added Results Summary by Grade Level and Subject

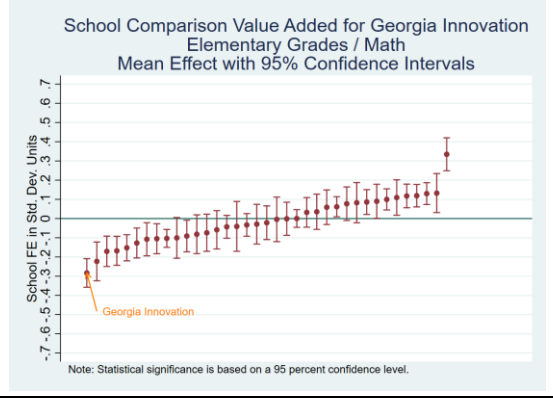
	Value-Added (Controls for Student Demographics and Prior Test Scores)								
Grade Level and Subject	**School Effect**	**State Percentile (higher is better)**	**Statistically Different from State Average?**	**School Comparison Rank (lower is better)**	**School Comparison Weighted Average**	**Statistically Different from School Comparison Average?**	**District Comparison Rank (lower is better)**	**District Comparison Weighted Average**	**Statistically Different from District Comparison Average?**
Elementary									
ELA	0.066	76	No	8 out of 37	0.005	No	3 out of 8	-0.014	Higher
Math	-0.283	2	Lower	37 out of 37	-0.055	Lower	8 out of 8	-0.028	Lower
All-Subject Average	-0.078	20	Lower	32 out of 37	-0.026	No	8 out of 8	-0.019	No
Middle									
ELA	-0.005	44	No	6 out of 18	-0.024	No	2 out of 6	-0.019	No
Math	0.057	75	No	3 out of 18	-0.034	Higher	1 out of 6	-0.029	Higher
All-Subject Average	0.052	76	Higher	3 out of 18	-0.020	Higher	1 out of 6	-0.018	Higher
High									
American Literature	0.122	90	No	1 out of 14	-0.132	Higher	1 out of 6	-0.099	Higher
Algebra 1	-0.636	1	Lower	14 out of 14	-0.197	Lower	6 out of 6	-0.131	Lower
All-Subject Average	-0.281	1	Lower	13 out of 14	-0.188	No	6 out of 6	-0.139	Lower

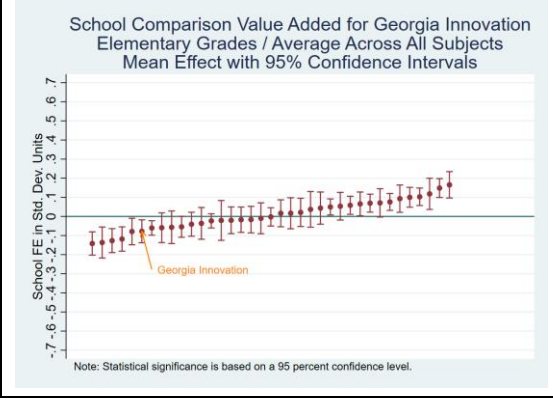
	Value-Added (Controls for Student Demographics and Prior Test Scores)								
Grade Level and Subject	**School Effect**	**State Percentile (higher is better)**	**Statistically Different from State Average?**	**School Comparison Rank (lower is better)**	**School Comparison Weighted Average**	**Statistically Different from School Comparison Average?**	**District Comparison Rank (lower is better)**	**District Comparison Weighted Average**	**Statistically Different from District Comparison Average?**
Combined Grade									
ELA	0.034			15 out of 65	-0.033	Higher	2 out of 8	-0.030	Higher
Math	-0.150			52 out of 65	-0.080	Lower	8 out of 8	-0.047	Lower
All-Subject Average	-0.064			50 out of 65	-0.053	No	7 out of 8	-0.048	No

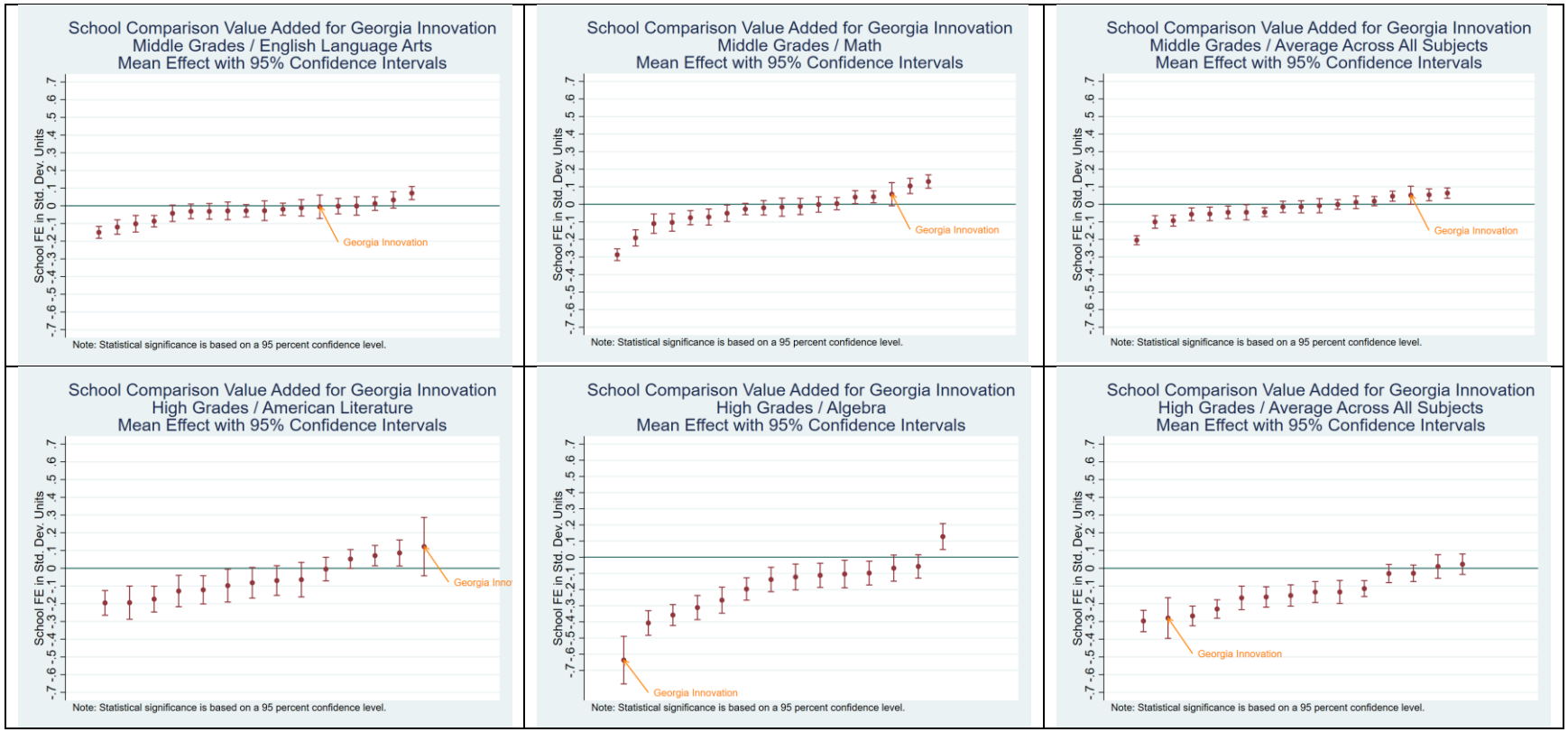
Note. Statistical significance is based on a 95 percent confidence level. The state average value-added effect is zero. The school comparison weighted average represents a weighted average of performance of the schools in the relevant grouping for this school, weighted by the share of students in this charter who would have attended. The district comparison weighted average represents a weighted average of performance of the districts in the relevant grouping for this school, weighted by the share of students in this charter who would have attended.

Charter School Value-Added Compared to Competing Schools, by Grade Level and Subject









Note. Statistical significance is based on a 95 percent confidence level. The figures present the school-comparison value added estimates for the charter school and each of its comparison schools. The set of schools corresponds to those in the school-comparison rank estimates presented in the table above.

International Charter Academy of Georgia

General Characteristics

School Name	Calendar Year Opened	Grades Served	Attendance Zone
International Charter Academy of Georgia	2018	K-5	Statewide

Students Served

School Name	Female	White	Black	Hispanic	Other Race	FRL	Direct Cert	LEP	SWD
International - Georgia	52.8	7.2	15.0	9.4	68.3	2.2	6.0	33.5	4.4

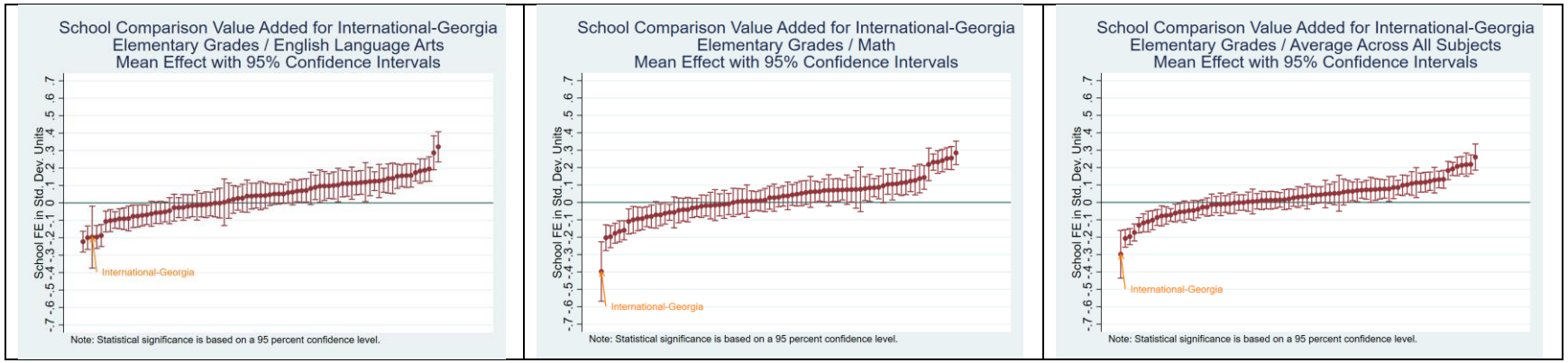
Note. All data are reported percentages (% omitted)

Value-Added Results Summary by Grade Level and Subject

	Value-Added (Controls for Student Demographics and Prior Test Scores)								
Grade Level and Subject	**School Effect**	**State Percentile (higher is better)**	**Statistically Different from State Average?**	**School Comparison Rank (lower is better)**	**School Comparison Weighted Average**	**Statistically Different from School Comparison Average?**	**District Comparison Rank (lower is better)**	**District Comparison Weighted Average**	**Statistically Different from District Comparison Average?**
Elementary									
ELA	-0.197	3	Lower	77 out of 79	0.031	Lower	8 out of 8	0.035	Lower
Math	-0.398	1	Lower	79 out of 79	0.033	Lower	8 out of 8	0.039	Lower
All-Subject Average	-0.299	1	Lower	79 out of 79	0.028	Lower	8 out of 8	0.033	Lower
Combined Grade									
ELA	-0.205			78 out of 79	0.032	Lower	8 out of 8	0.026	Lower
Math	-0.425			79 out of 79	0.030	Lower	8 out of 8	0.043	Lower
All-Subject Average	-0.318			79 out of 79	0.024	Lower	8 out of 8	0.031	Lower

Note. Statistical significance is based on a 95 percent confidence level. The state average value-added effect is zero. The school comparison weighted average represents a weighted average of performance of the schools in the relevant grouping for this school, weighted by the share of students in this charter who would have attended. The district comparison weighted average represents a weighted average of performance of the districts in the relevant grouping for this school, weighted by the share of students in this charter who would have attended.

Charter School Value-Added Compared to Competing Schools, by Grade Level and Subject



Note. Statistical significance is based on a 95 percent confidence level. The figures present the school-comparison value added estimates for the charter school and each of its comparison schools. The set of schools corresponds to those in the school-comparison rank estimates presented in the table above.

International Academy of Smyrna

General Characteristics

School Name	Calendar Year Opened	Grades Served	Attendance Zone
International Academy of Smyrna	2017	K-5	Cobb County School District

Students Served

School Name	Female	White	Black	Hispanic	Other Race	FRL	Direct Cert	LEP	SWD
International - Smyrna	57.0	0.6	68.3	25.9	5.2	68.0	38.7	18.8	12.9

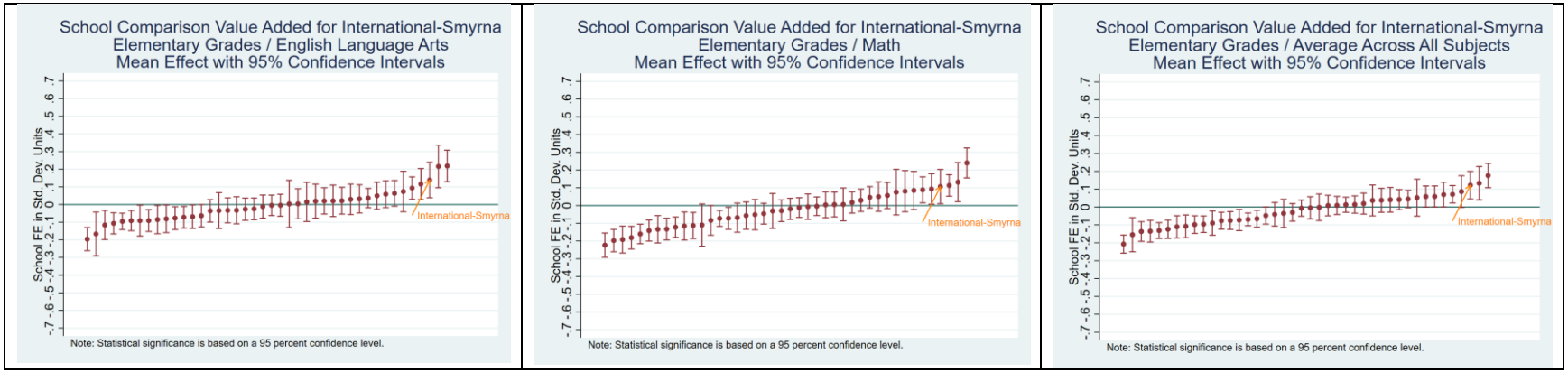
Note. All data are reported percentages (% omitted)

Value-Added Results Summary by Grade Level and Subject

	Value-Added (Controls for Student Demographics and Prior Test Scores)								
Grade Level and Subject	**School Effect**	**State Percentile (higher is better)**	**Statistically Different from State Average?**	**School Comparison Rank (lower is better)**	**School Comparison Weighted Average**	**Statistically Different from School Comparison Average?**	**District Comparison Rank (lower is better)**	**District Comparison Weighted Average**	**Statistically Different from District Comparison Average?**
Elementary									
ELA	0.139	92	Higher	3 out of 42	-0.018	Higher	1 out of 4	-0.001	Higher
Math	0.107	81	Higher	4 out of 42	-0.041	Higher	1 out of 4	-0.019	Higher
All-Subject Average	0.122	89	Higher	3 out of 42	-0.031	Higher	1 out of 4	-0.011	Higher
Combined Grade									
ELA	0.136			3 out of 42	-0.015	Higher	1 out of 4	0.032	Higher
Math	0.099			6 out of 42	-0.035	Higher	1 out of 4	0.017	No
All-Subject Average	0.119			3 out of 42	-0.027	Higher	1 out of 4	0.027	Higher

Note. Statistical significance is based on a 95 percent confidence level. The state average value-added effect is zero. The school comparison weighted average represents a weighted average of performance of the schools in the relevant grouping for this school, weighted by the share of students in this charter who would have attended. The district comparison weighted average represents a weighted average of performance of the districts in the relevant grouping for this school, weighted by the share of students in this charter who would have attended.

Charter School Value-Added Compared to Competing Schools, by Grade Level and Subject



Note. Statistical significance is based on a 95 percent confidence level. The figures present the school-comparison value added estimates for the charter school and each of its comparison schools. The set of schools corresponds to those in the school-comparison rank estimates presented in the table above.

International Charter School of Atlanta

General Characteristics

School Name	Calendar Year Opened	Grades Served	Attendance Zone
International Charter School of Atlanta	2015	K-8	Statewide

Students Served

School Name	Female	White	Black	Hispanic	Other Race	FRL	Direct Cert	LEP	SWD
International - Atlanta	56.1	34.5	23.0	25.2	17.3	0.0	6.4	5.6	7.8

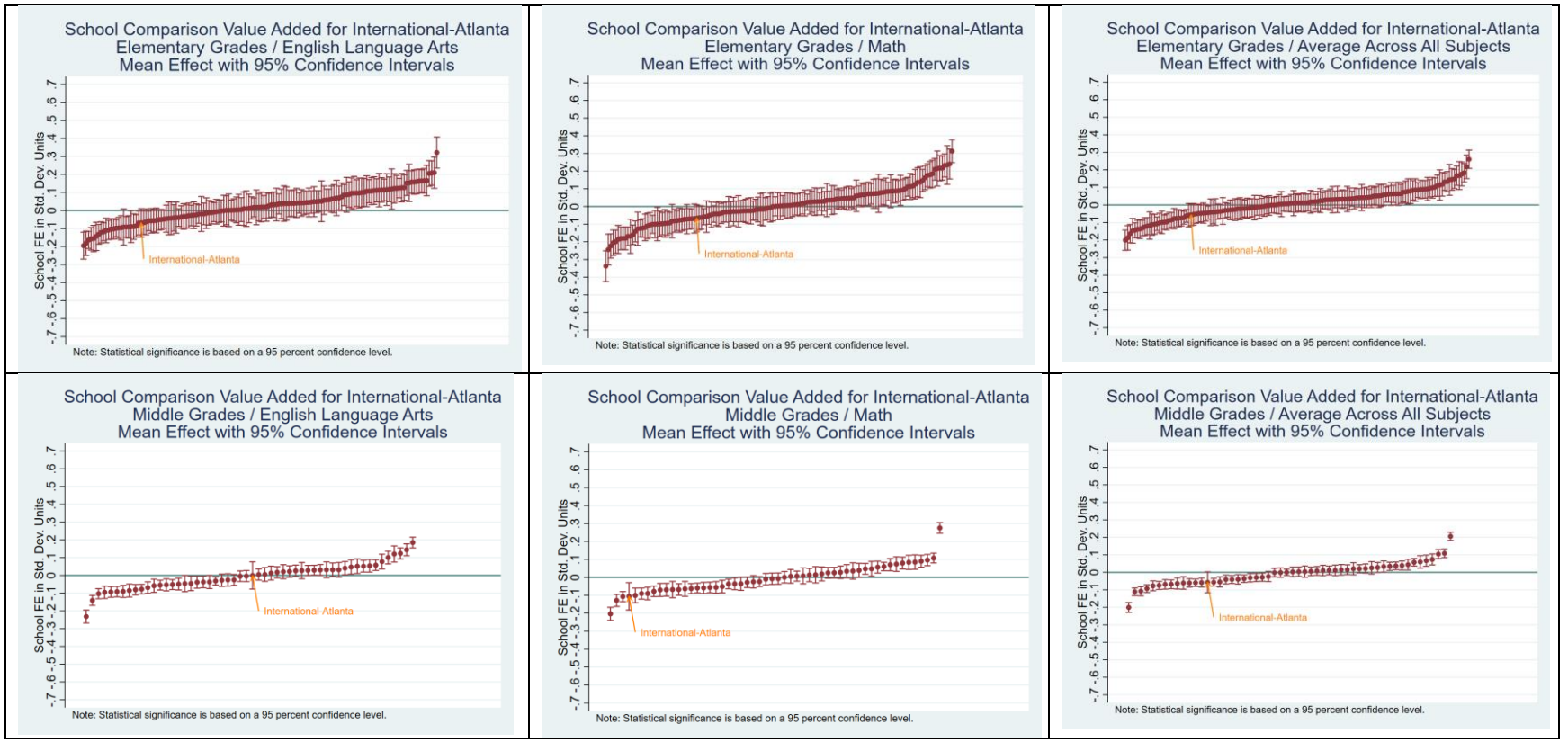
Note. All data are reported percentages (% omitted)

Value-Added Results Summary by Grade Level and Subject

	Value-Added (Controls for Student Demographics and Prior Test Scores)								
Grade Level and Subject	**School Effect**	**State Percentile (higher is better)**	**Statistically Different from State Average?**	**School Comparison Rank (lower is better)**	**School Comparison Weighted Average**	**Statistically Different from School Comparison Average?**	**District Comparison Rank (lower is better)**	**District Comparison Weighted Average**	**Statistically Different from District Comparison Average?**
Elementary									
ELA	-0.069	24	No	119 out of 142	0.030	Lower	13 out of 15	0.033	Lower
Math	-0.066	29	No	105 out of 142	-0.015	No	13 out of 15	0.002	No
All-Subject Average	-0.056	26	No	115 out of 142	0.003	No	13 out of 15	0.012	Lower
Middle									
ELA	-0.001	48	No	27 out of 54	0.011	No	9 out of 12	0.010	No
Math	-0.106	13	Lower	51 out of 54	-0.004	Lower	11 out of 12	-0.007	Lower
All-Subject Average	-0.057	21	No	41 out of 54	0.002	No	9 out of 12	0.000	No
Combined Grade									
ELA	-0.035			139 out of 195	0.027	Lower	11 out of 16	0.020	No
Math	-0.101			167 out of 195	-0.022	Lower	15 out of 16	0.010	Lower
All-Subject Average	-0.068			162 out of 195	-0.005	Lower	15 out of 16	0.010	Lower

Note. Statistical significance is based on a 95 percent confidence level. The state average value-added effect is zero. The school comparison weighted average represents a weighted average of performance of the schools in the relevant grouping for this school, weighted by the share of students in this charter who would have attended. The district comparison weighted average represents a weighted average of performance of the districts in the relevant grouping for this school, weighted by the share of students in this charter who would have attended.

Charter School Value-Added Compared to Competing Schools, by Grade Level and Subject



Note. Statistical significance is based on a 95 percent confidence level. The figures present the school-comparison value added estimates for the charter school and each of its comparison schools. The set of schools corresponds to those in the school-comparison rank estimates presented in the table above.

Ivy Preparatory Academy at Kirkwood for Girls

General Characteristics

School Name	Calendar Year Opened	Grades Served	Attendance Zone
Ivy Preparatory Academy at Kirkwood	2011	K-8	DeKalb County and Atlanta Public Schools

Students Served

School Name	Female	White	Black	Hispanic	Other Race	FRL	Direct Cert	LEP	SWD
Ivy Prep. – Kirkwood	100.0	0.2	92.7	4.6	2.4	100.0	55.6	0.5	7.3

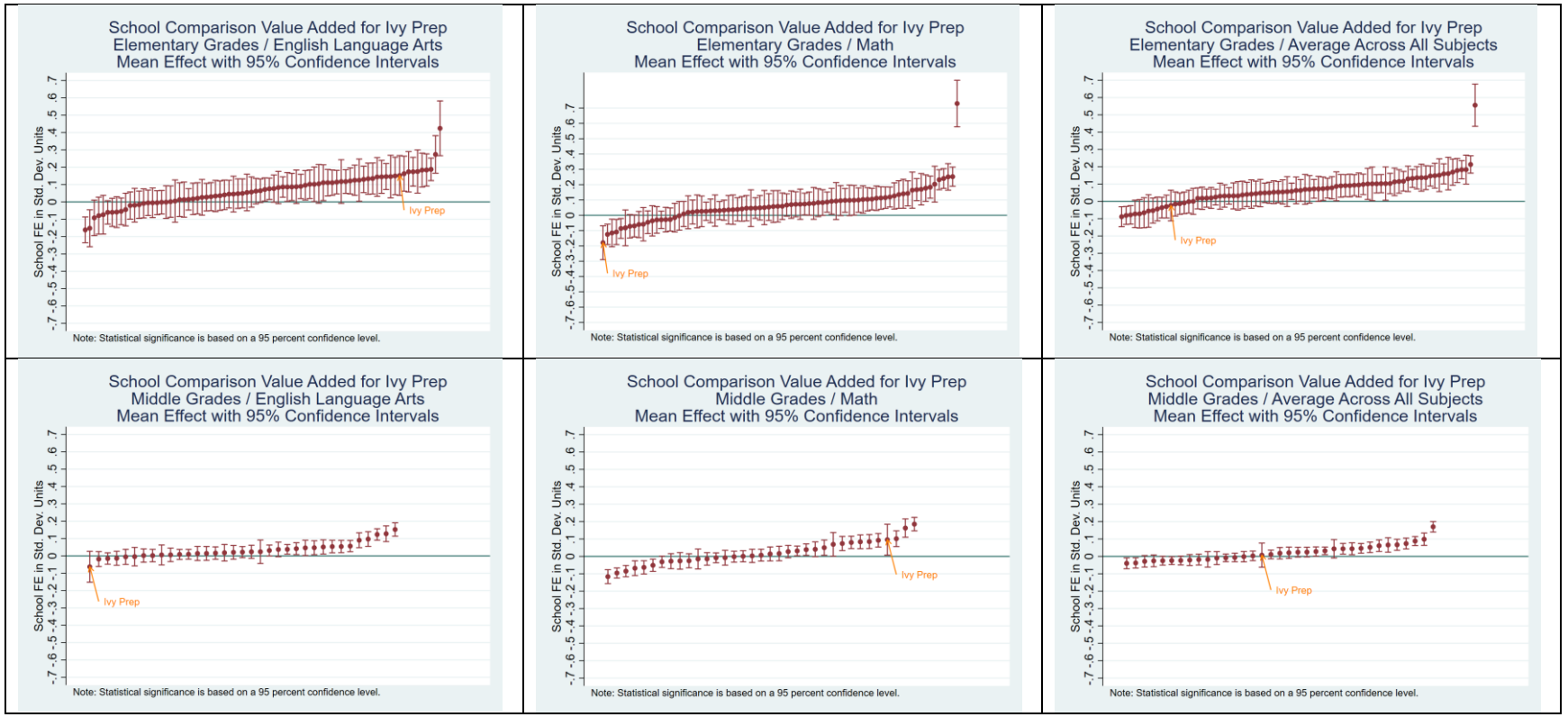
Note. All data are reported percentages (% omitted)

Value-Added Results Summary by Grade Level and Subject

	Value-Added (Controls for Student Demographics and Prior Test Scores)								
Grade Level and Subject	**School Effect**	**State Percentile (higher is better)**	**Statistically Different from State Average?**	**School Comparison Rank (lower is better)**	**School Comparison Weighted Average**	**Statistically Different from School Comparison Average?**	**District Comparison Rank (lower is better)**	**District Comparison Weighted Average**	**Statistically Different from District Comparison Average?**
Elementary									
ELA	0.152	93	Higher	10 out of 80	0.061	No	1 out of 8	0.085	No
Math	-0.179	8	Lower	80 out of 80	0.060	Lower	8 out of 8	0.066	Lower
All-Subject Average	-0.024	39	No	69 out of 80	0.065	Lower	6 out of 8	0.078	Lower
Middle									
ELA	-0.063	19	No	35 out of 35	0.046	Lower	6 out of 6	0.049	Lower
Math	0.096	84	Higher	4 out of 35	0.024	No	1 out of 6	0.027	No
All-Subject Average	0.007	55	No	20 out of 35	0.035	No	5 out of 6	0.037	No
Combined Grade									
ELA	0.032			68 out of 115	0.058	No	6 out of 9	0.062	No
Math	0.006			84 out of 115	0.055	No	6 out of 9	0.043	No
All-Subject Average	0.021			84 out of 115	0.067	No	4 out of 9	0.052	No

Note. Statistical significance is based on a 95 percent confidence level. The state average value-added effect is zero. The school comparison weighted average represents a weighted average of performance of the schools in the relevant grouping for this school, weighted by the share of students in this charter who would have attended. The district comparison weighted average represents a weighted average of performance of the districts in the relevant grouping for this school, weighted by the share of students in this charter who would have attended.

Charter School Value-Added Compared to Competing Schools, by Grade Level and Subject



Note. Statistical significance is based on a 95 percent confidence level. The figures present the school-comparison value added estimates for the charter school and each of its comparison schools. The set of schools corresponds to those in the school-comparison rank estimates presented in the table above.

Liberty Tech Charter School

General Characteristics

School Name	Calendar Year Opened	Grades Served	Attendance Zone
Liberty Tech Charter School	2016	K-8	Statewide

Students Served

School Name	Female	White	Black	Hispanic	Other Race	FRL	Direct Cert	LEP	SWD
Liberty Tech	49.3	62.6	23.6	6.9	6.9	6.2	14.6	0.0	15.8

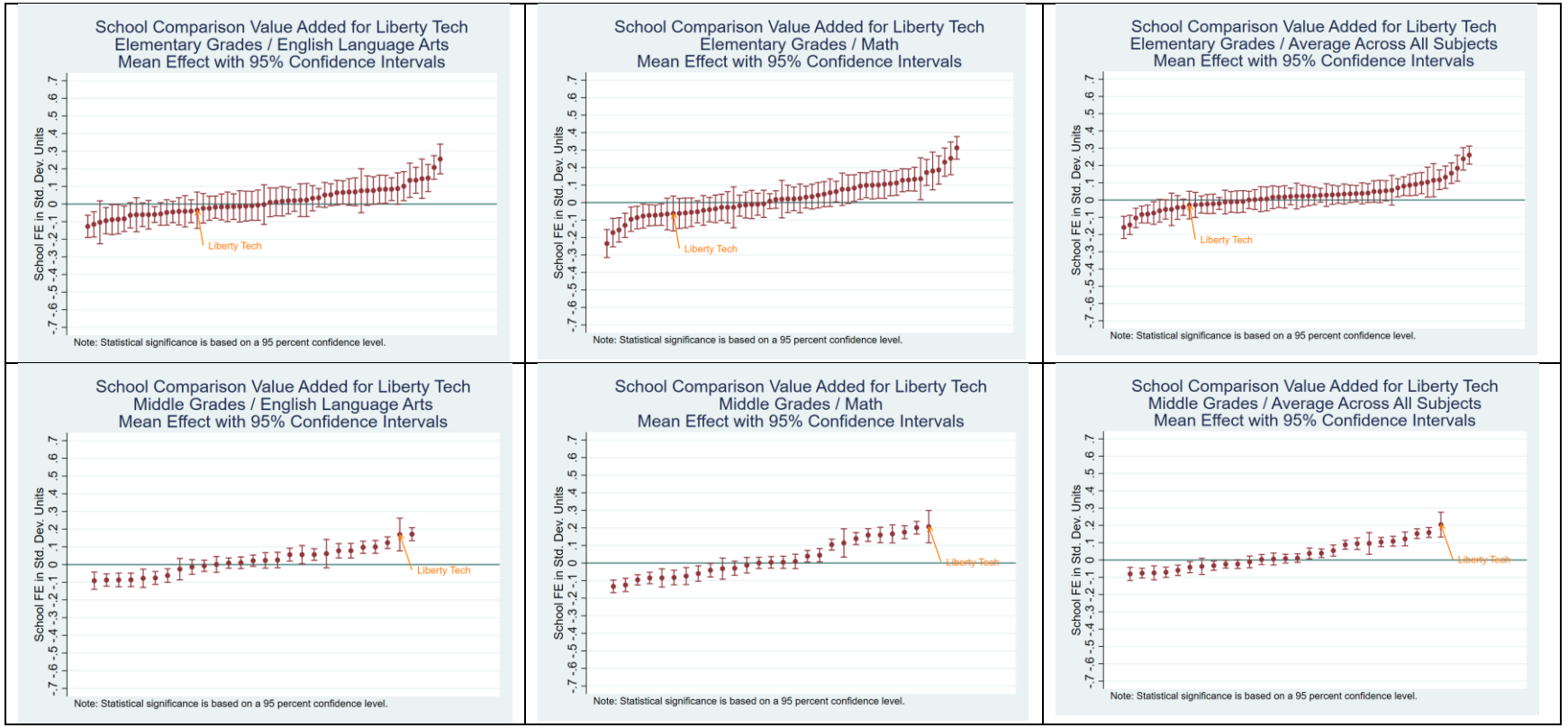
Note. All data are reported percentages (% omitted)

Value-Added Results Summary by Grade Level and Subject

	Value-Added (Controls for Student Demographics and Prior Test Scores)								
Grade Level and Subject	**School Effect**	**State Percentile (higher is better)**	**Statistically Different from State Average?**	**School Comparison Rank (lower is better)**	**School Comparison Weighted Average**	**Statistically Different from School Comparison Average?**	**District Comparison Rank (lower is better)**	**District Comparison Weighted Average**	**Statistically Different from District Comparison Average?**
Elementary									
ELA	-0.035	37	No	41 out of 59	0.013	No	7 out of 11	0.001	No
Math	-0.063	30	No	48 out of 59	0.027	No	8 out of 11	0.014	No
All-Subject Average	-0.029	37	No	48 out of 59	0.024	No	8 out of 11	0.011	No
Middle									
ELA	0.169	98	Higher	2 out of 27	0.036	Higher	1 out of 10	0.030	Higher
Math	0.207	96	Higher	1 out of 27	0.072	Higher	1 out of 10	0.055	Higher
All-Subject Average	0.205	99	Higher	1 out of 27	0.060	Higher	1 out of 10	0.044	Higher
Combined Grade									
ELA	0.074			21 out of 85	0.020	No	1 out of 12	0.014	No
Math	0.087			26 out of 85	0.040	No	2 out of 12	0.032	No
All-Subject Average	0.098			17 out of 85	0.035	Higher	1 out of 12	0.023	Higher

Note. Statistical significance is based on a 95 percent confidence level. The state average value-added effect is zero. The school comparison weighted average represents a weighted average of performance of the schools in the relevant grouping for this school, weighted by the share of students in this charter who would have attended. The district comparison weighted average represents a weighted average of performance of the districts in the relevant grouping for this school, weighted by the share of students in this charter who would have attended.

Charter School Value-Added Compared to Competing Schools, by Grade Level and Subject



Note. Statistical significance is based on a 95 percent confidence level. The figures present the school-comparison value added estimates for the charter school and each of its comparison schools. The set of schools corresponds to those in the school-comparison rank estimates presented in the table above.

Northwest Classical

General Characteristics

School Name	Calendar Year Opened	Grades Served	Attendance Zone
Northwest Classical	2021	K-8	Statewide

Students Served

School Name	Female	White	Black	Hispanic	Other Race	FRL	Direct Cert	LEP	SWD
Northwest Classical	51.3	58.7	19.8	12.7	8.5	17.0	7.2	3.7	12.7

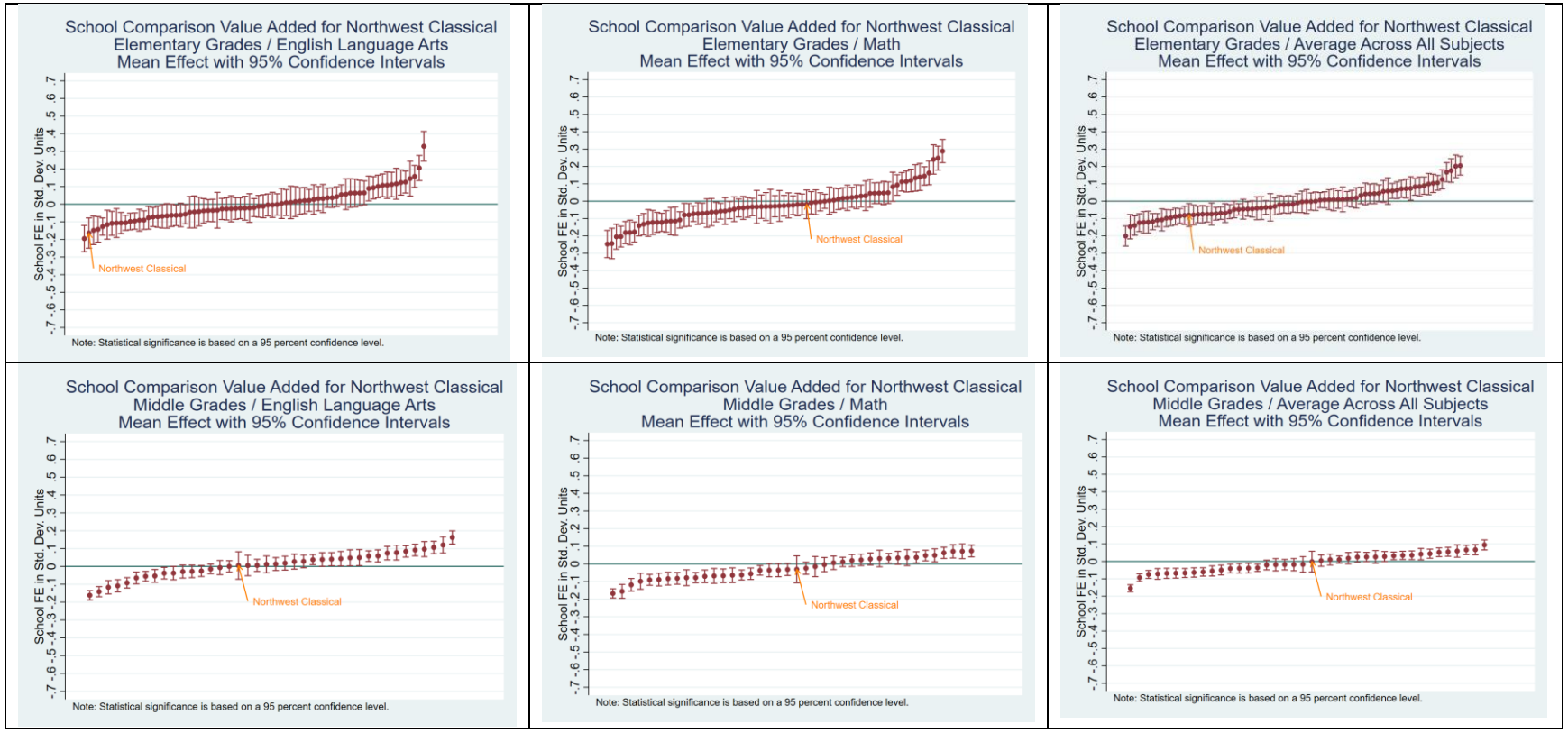
Note. All data are reported percentages (% omitted)

Value-Added Results Summary by Grade Level and Subject

	Value-Added (Controls for Student Demographics and Prior Test Scores)								
Grade Level and Subject	**School Effect**	**State Percentile (higher is better)**	**Statistically Different from State Average?**	**School Comparison Rank (lower is better)**	**School Comparison Weighted Average**	**Statistically Different from School Comparison Average?**	**District Comparison Rank (lower is better)**	**District Comparison Weighted Average**	**Statistically Different from District Comparison Average?**
Elementary									
ELA	-0.164	5	Lower	74 out of 75	0.005	Lower	13 out of 13	-0.011	Lower
Math	-0.018	45	No	31 out of 75	-0.024	No	9 out of 13	-0.024	No
All-Subject Average	-0.080	19	Lower	61 out of 75	-0.006	Lower	13 out of 13	-0.018	No
Middle									
ELA	0.005	51	No	24 out of 40	0.020	No	8 out of 11	0.024	No
Math	-0.031	38	No	20 out of 40	-0.030	No	7 out of 11	0.001	No
All-Subject Average	-0.001	50	No	20 out of 40	-0.003	No	7 out of 11	0.009	No
Combined Grade									
ELA	-0.074			95 out of 115	0.010	Lower	14 out of 14	0.015	Lower
Math	-0.035			62 out of 115	-0.031	No	9 out of 14	0.002	No
All-Subject Average	-0.046			73 out of 115	-0.010	No	10 out of 14	0.012	Lower

Note. Statistical significance is based on a 95 percent confidence level. The state average value-added effect is zero. The school comparison weighted average represents a weighted average of performance of the schools in the relevant grouping for this school, weighted by the share of students in this charter who would have attended. The district comparison weighted average represents a weighted average of performance of the districts in the relevant grouping for this school, weighted by the share of students in this charter who would have attended.

Charter School Value-Added Compared to Competing Schools, by Grade Level and Subject



Note. Statistical significance is based on a 95 percent confidence level. The figures present the school-comparison value added estimates for the charter school and each of its comparison schools. The set of schools corresponds to those in the school-comparison rank estimates presented in the table above.

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Odyssey School

General Characteristics

School Name	Calendar Year Opened	Grades Served	Attendance Zone
Odyssey School	2004	K-8	Coweta County

Students Served

School Name	Female	White	Black	Hispanic	Other Race	FRL	Direct Cert	LEP	SWD
Odyssey	50.0	40.4	35.9	15.0	8.7	38.3	20.1	4.2	11.4

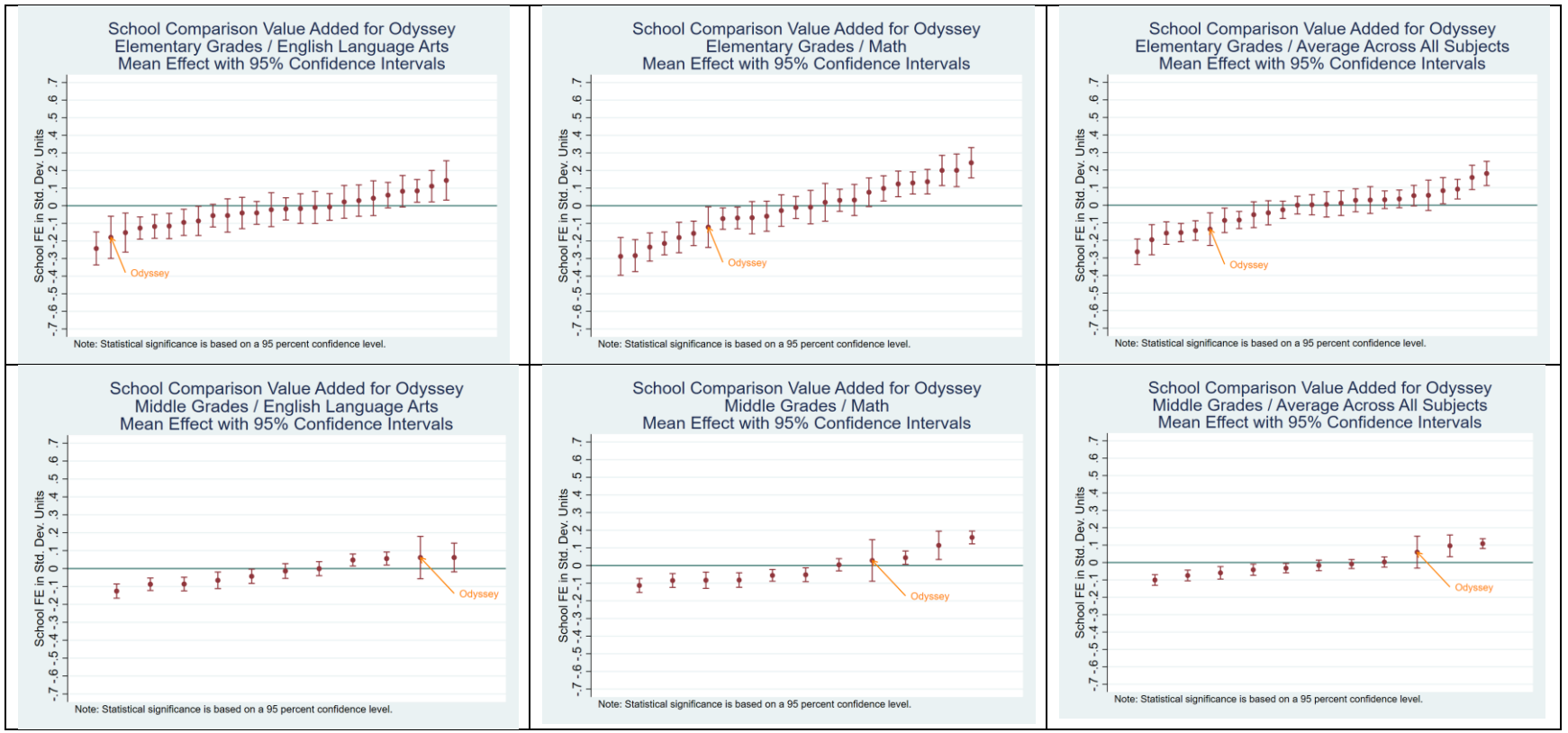
Note. All data are reported percentages (% omitted)

Value-Added Results Summary by Grade Level and Subject

	Value-Added (Controls for Student Demographics and Prior Test Scores)								
Grade Level and Subject	**School Effect**	**State Percentile (higher is better)**	**Statistically Different from State Average?**	**School Comparison Rank (lower is better)**	**School Comparison Weighted Average**	**Statistically Different from School Comparison Average?**	**District Comparison Rank (lower is better)**	**District Comparison Weighted Average**	**Statistically Different from District Comparison Average?**
Elementary									
ELA	-0.180	4	Lower	24 out of 25	-0.028	Lower	7 out of 7	-0.034	Lower
Math	-0.122	16	Lower	19 out of 25	-0.041	No	7 out of 7	-0.024	No
All-Subject Average	-0.136	8	Lower	20 out of 25	-0.032	Lower	7 out of 7	-0.025	Lower
Middle									
ELA	0.061	82	No	2 out of 11	-0.043	No	2 out of 5	-0.057	No
Math	0.029	65	No	4 out of 11	-0.058	No	3 out of 5	-0.041	No
All-Subject Average	0.060	80	No	3 out of 11	-0.041	Higher	2 out of 5	-0.040	Higher
Combined Grade									
ELA	-0.061			23 out of 35	-0.031	No	8 out of 8	-0.053	No
Math	-0.049			19 out of 35	-0.045	No	7 out of 8	0.007	No
All-Subject Average	-0.041			22 out of 35	-0.033	No	8 out of 8	0.003	No

Note. Statistical significance is based on a 95 percent confidence level. The state average value-added effect is zero. The school comparison weighted average represents a weighted average of performance of the schools in the relevant grouping for this school, weighted by the share of students in this charter who would have attended. The district comparison weighted average represents a weighted average of performance of the districts in the relevant grouping for this school, weighted by the share of students in this charter who would have attended.

Charter School Value-Added Compared to Competing Schools, by Grade Level and Subject



Note. Statistical significance is based on a 95 percent confidence level. The figures present the school-comparison value added estimates for the charter school and each of its comparison schools. The set of schools corresponds to those in the school-comparison rank estimates presented in the table above.

Pataula Charter Academy

General Characteristics

School Name	Calendar Year Opened	Grades Served	Attendance Zone
Pataula Charter Academy	2010	K-12	Baker, Calhoun, Clay, Early, Miller, Randolph, and Terrell

Students Served

School Name	Female	White	Black	Hispanic	Other Race	FRL	Direct Cert	LEP	SWD
Pataula	49.5	62.4	26.2	7.0	4.5	63.6	34.1	0.4	12.2

Note. All data are reported percentages (% omitted)

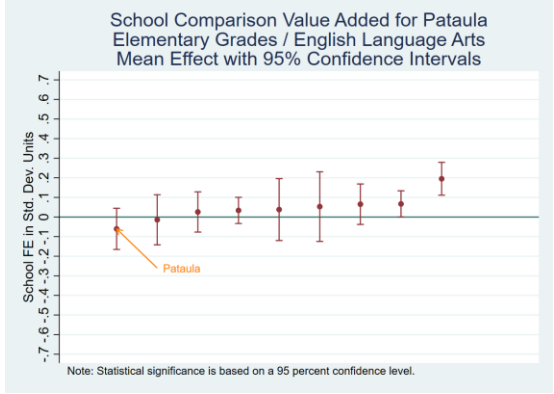
Value-Added Results Summary by Grade Level and Subject

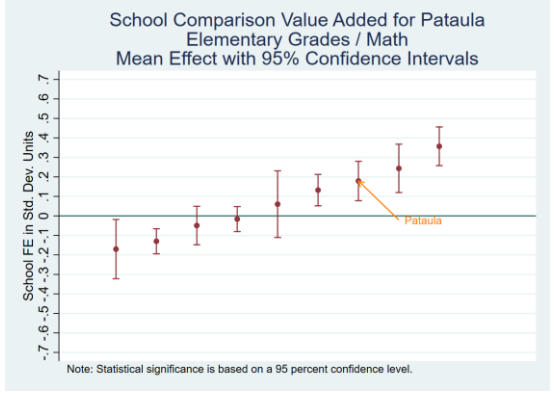
	Value-Added (Controls for Student Demographics and Prior Test Scores)								
Grade Level and Subject	**School Effect**	**State Percentile (higher is better)**	**Statistically Different from State Average?**	**School Comparison Rank (lower is better)**	**School Comparison Weighted Average**	**Statistically Different from School Comparison Average?**	**District Comparison Rank (lower is better)**	**District Comparison Weighted Average**	**Statistically Different from District Comparison Average?**
Elementary									
ELA	-0.060	27	No	9 out of 9	0.036	No	9 out of 9	0.036	No
Math	0.179	91	Higher	3 out of 9	0.191	No	3 out of 9	0.192	No
All-Subject Average	0.068	77	No	4 out of 9	0.109	No	5 out of 9	0.109	No
Middle									
ELA	-0.021	37	No	7 out of 8	0.050	No	7 out of 8	0.050	No
Math	-0.002	51	No	8 out of 8	0.163	Lower	8 out of 8	0.163	Lower
All-Subject Average	0.015	59	No	6 out of 8	0.102	Lower	6 out of 8	0.102	Lower
High									
American Literature	-0.246	1	Lower	7 out of 8	0.037	Lower	7 out of 8	0.037	Lower
Algebra 1	0.094	68	No	4 out of 7	0.324	Lower	5 out of 8	0.326	Lower
All-Subject Average	-0.093	23	No	5 out of 8	0.183	Lower	5 out of 8	0.183	Lower
Combined Grade									

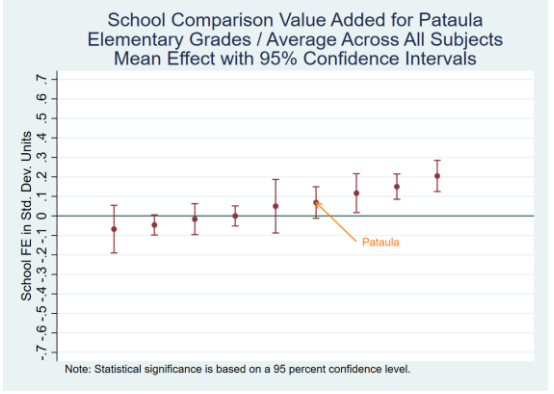
	Value-Added (Controls for Student Demographics and Prior Test Scores)								
Grade Level and Subject	**School Effect**	**State Percentile (higher is better)**	**Statistically Different from State Average?**	**School Comparison Rank (lower is better)**	**School Comparison Weighted Average**	**Statistically Different from School Comparison Average?**	**District Comparison Rank (lower is better)**	**District Comparison Weighted Average**	**Statistically Different from District Comparison Average?**
ELA	-0.071			18 out of 21	0.034	Lower	10 out of 10	0.047	Lower
Math	0.074			14 out of 21	0.215	Lower	6 out of 10	0.210	Lower
All-Subject Average	0.007			16 out of 21	0.129	Lower	8 out of 10	0.134	Lower

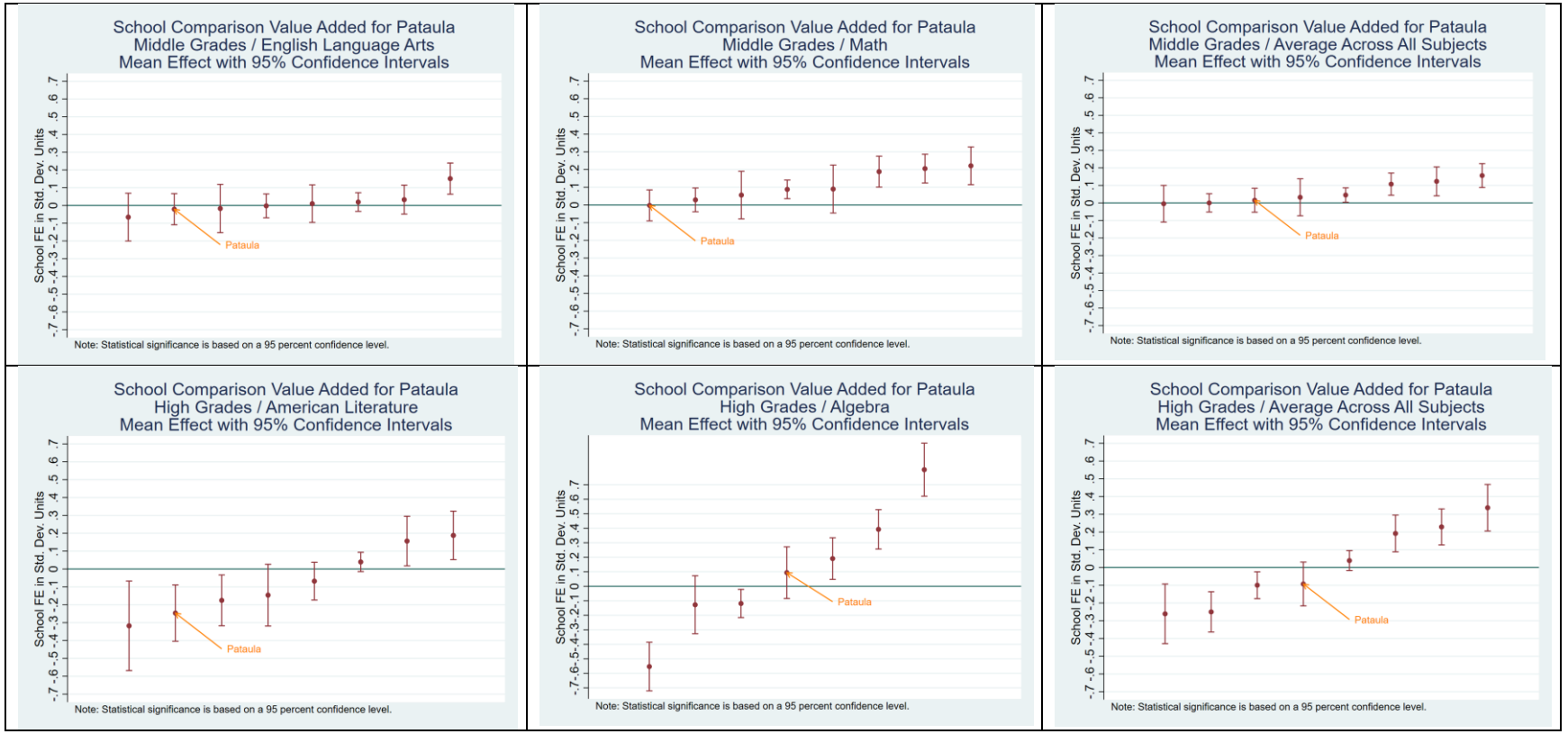
Note. Statistical significance is based on a 95 percent confidence level. The state average value-added effect is zero. The school comparison weighted average represents a weighted average of performance of the schools in the relevant grouping for this school, weighted by the share of students in this charter who would have attended. The district comparison weighted average represents a weighted average of performance of the districts in the relevant grouping for this school, weighted by the share of students in this charter who would have attended.

Charter School Value-Added Compared to Competing Schools, by Grade Level and Subject









Note. Statistical significance is based on a 95 percent confidence level. The figures present the school-comparison value added estimates for the charter school and each of its comparison schools. The set of schools corresponds to those in the school-comparison rank estimates presented in the table above.

Resurgence Hall Charter School

General Characteristics

School Name	Calendar Year Opened	Grades Served	Attendance Zone
Resurgence Hall	2017	K-3	Atlanta Public Schools and Fulton County

Students Served

School Name	Female	White	Black	Hispanic	Other Race	FRL	Direct Cert	LEP	SWD
Resurgence Hall	49.9	1.1	95.5	3.2	0.3	70.7	34.2	1.3	11.2

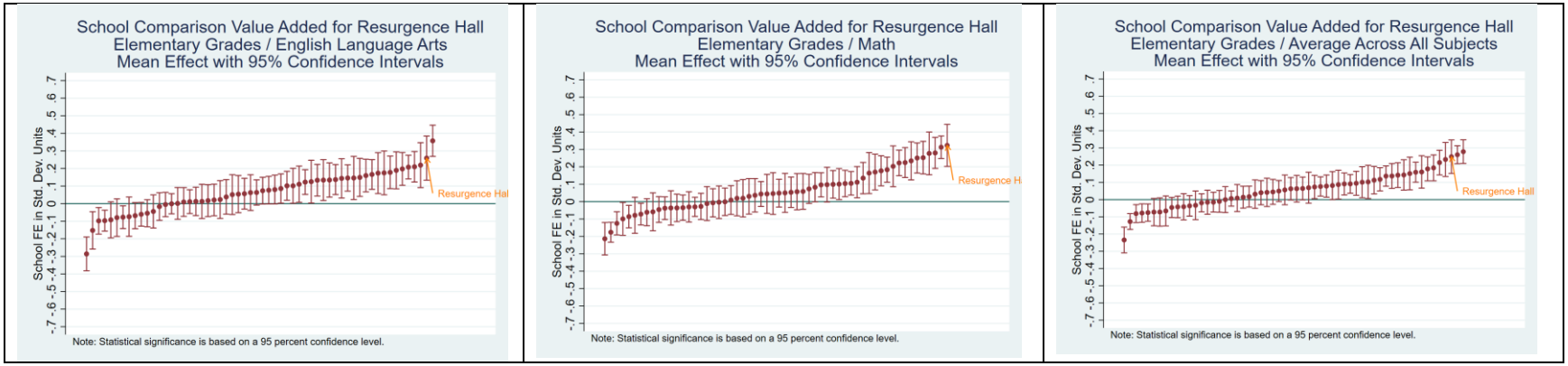
Note. All data are reported percentages (% omitted)

Value-Added Results Summary by Grade Level and Subject

	Value-Added (Controls for Student Demographics and Prior Test Scores)								
Grade Level and Subject	**School Effect**	**State Percentile (higher is better)**	**Statistically Different from State Average?**	**School Comparison Rank (lower is better)**	**School Comparison Weighted Average**	**Statistically Different from School Comparison Average?**	**District Comparison Rank (lower is better)**	**District Comparison Weighted Average**	**Statistically Different from District Comparison Average?**
Elementary									
ELA	0.259	99	Higher	2 out of 58	0.082	Higher	1 out of 7	0.071	Higher
Math	0.323	99	Higher	1 out of 58	0.051	Higher	1 out of 7	0.012	Higher
All-Subject Average	0.249	99	Higher	3 out of 58	0.057	Higher	1 out of 7	0.033	Higher
Combined Grade									
ELA	0.262			2 out of 58	0.085	Higher	1 out of 7	0.049	Higher
Math	0.311			1 out of 58	0.060	Higher	1 out of 7	0.023	Higher
All-Subject Average	0.245			4 out of 58	0.070	Higher	1 out of 7	0.023	Higher

Note. Statistical significance is based on a 95 percent confidence level. The state average value-added effect is zero. The school comparison weighted average represents a weighted average of performance of the schools in the relevant grouping for this school, weighted by the share of students in this charter who would have attended. The district comparison weighted average represents a weighted average of performance of the districts in the relevant grouping for this school, weighted by the share of students in this charter who would have attended.

Charter School Value-Added Compared to Competing Schools, by Grade Level and Subject



Note. Statistical significance is based on a 95 percent confidence level. The figures present the school-comparison value added estimates for the charter school and each of its comparison schools. The set of schools corresponds to those in the school-comparison rank estimates presented in the table above.

Resurgence Hall Middle Academy

General Characteristics

School Name	Calendar Year Opened	Grades Served	Attendance Zone
Resurgence Hall Middle	2022	5	Statewide

Students Served

School Name	Female	White	Black	Hispanic	Other Race	FRL	Direct Cert	LEP	SWD
Resurgence Hall Middle	48.6	0.0	97.3	2.7	0.0	58.1	35.1	1.4	4.1

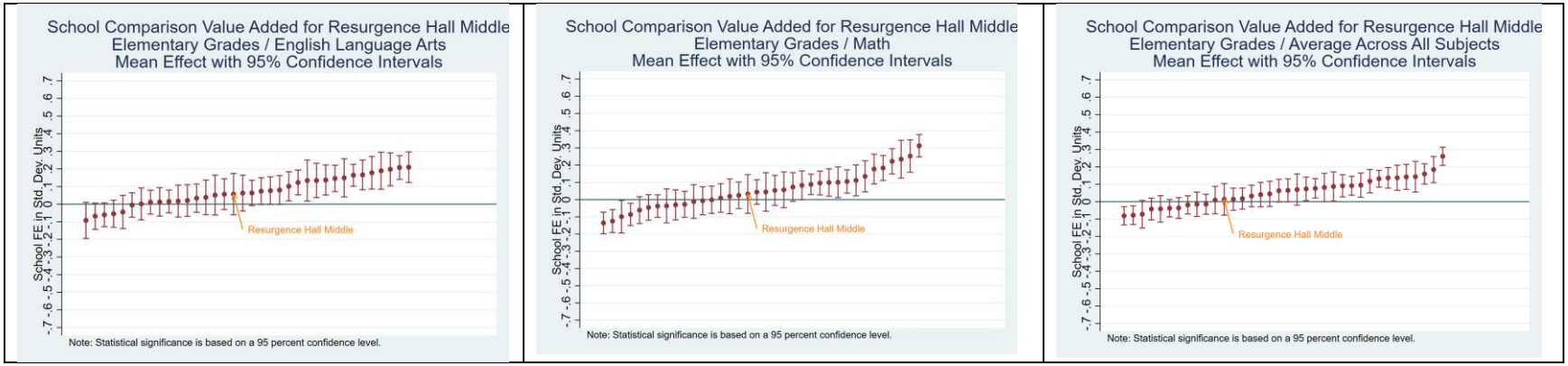
Note. All data are reported percentages (% omitted)

Value-Added Results Summary by Grade Level and Subject

	Value-Added (Controls for Student Demographics and Prior Test Scores)								
Grade Level and Subject	**School Effect**	**State Percentile (higher is better)**	**Statistically Different from State Average?**	**School Comparison Rank (lower is better)**	**School Comparison Weighted Average**	**Statistically Different from School Comparison Average?**	**District Comparison Rank (lower is better)**	**District Comparison Weighted Average**	**Statistically Different from District Comparison Average?**
Elementary									
ELA	0.057	72	No	20 out of 36	0.074	No	3 out of 5	0.071	No
Math	0.033	63	No	20 out of 36	0.042	No	2 out of 5	0.008	No
All-Subject Average	0.013	57	No	25 out of 36	0.049	No	4 out of 5	0.031	No
Combined Grade									
ELA	0.057			21 out of 36	0.077	No	1 out of 5	0.049	No
Math	0.016			24 out of 36	0.049	No	3 out of 5	0.022	No
All-Subject Average	0.006			26 out of 36	0.061	No	4 out of 5	0.023	No

Note. Statistical significance is based on a 95 percent confidence level. The state average value-added effect is zero. The school comparison weighted average represents a weighted average of performance of the schools in the relevant grouping for this school, weighted by the share of students in this charter who would have attended. The district comparison weighted average represents a weighted average of performance of the districts in the relevant grouping for this school, weighted by the share of students in this charter who would have attended.

Charter School Value-Added Compared to Competing Schools, by Grade Level and Subject



Note. Statistical significance is based on a 95 percent confidence level. The figures present the school-comparison value added estimates for the charter school and each of its comparison schools. The set of schools corresponds to those in the school-comparison rank estimates presented in the table above.

SAIL – School for Arts-Infused Learning

General Characteristics

School Name	Calendar Year Opened	Grades Served	Attendance Zone
SAIL – School for Arts-Infused Learning	2017	K-8	Statewide

Students Served

School Name	Female	White	Black	Hispanic	Other Race	FRL	Direct Cert	LEP	SWD
SAIL	55.3	58.0	17.0	16.5	8.0	0.0	11.6	1.5	15.4

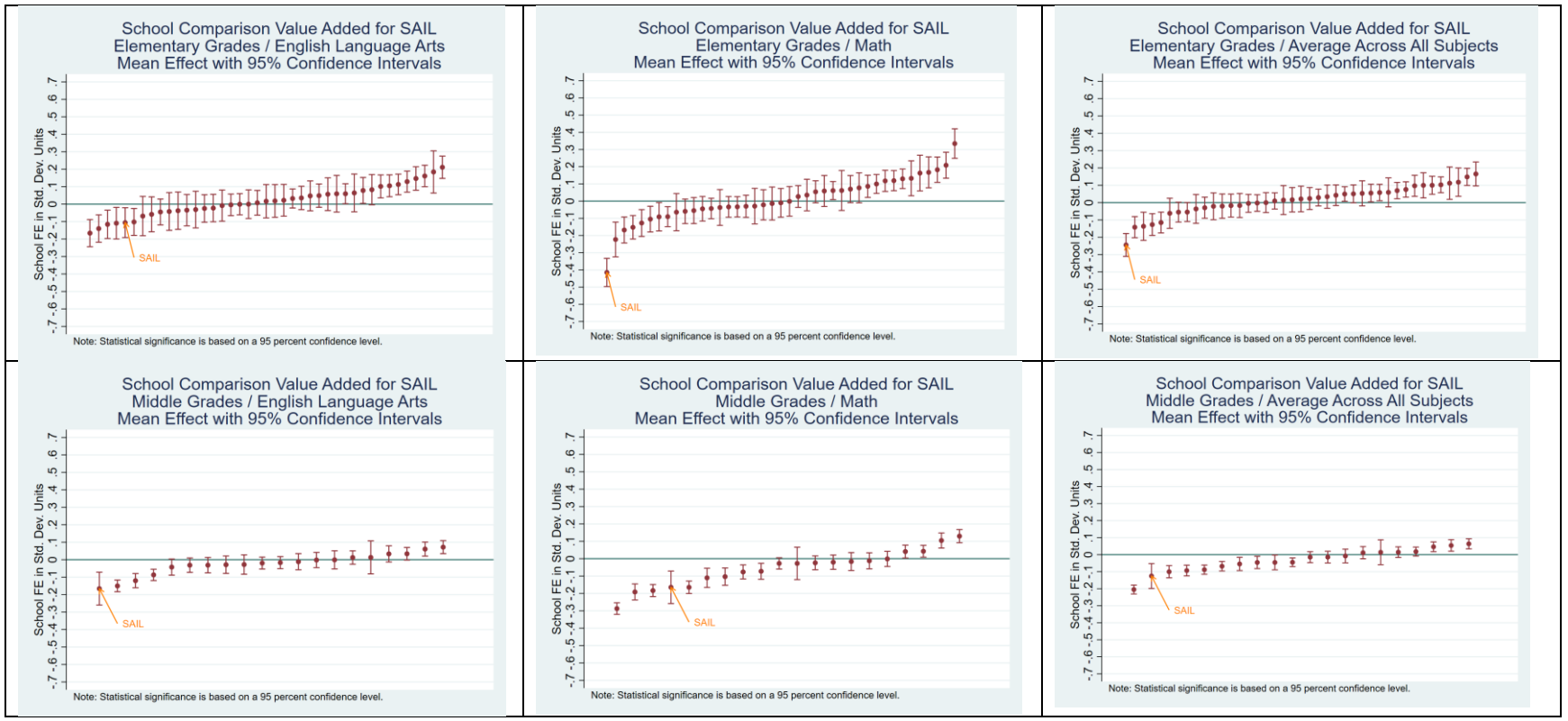
Note. All data are reported percentages (% omitted)

Value-Added Results Summary by Grade Level and Subject

	Value-Added (Controls for Student Demographics and Prior Test Scores)								
Grade Level and Subject	**School Effect**	**State Percentile (higher is better)**	**Statistically Different from State Average?**	**School Comparison Rank (lower is better)**	**School Comparison Weighted Average**	**Statistically Different from School Comparison Average?**	**District Comparison Rank (lower is better)**	**District Comparison Weighted Average**	**Statistically Different from District Comparison Average?**
Elementary									
ELA	-0.106	13	Lower	37 out of 41	0.058	Lower	6 out of 6	0.053	Lower
Math	-0.415	1	Lower	41 out of 41	0.036	Lower	6 out of 6	0.027	Lower
All-Subject Average	-0.244	1	Lower	41 out of 41	0.043	Lower	6 out of 6	0.037	Lower
Middle									
ELA	-0.166	3	Lower	20 out of 20	-0.026	Lower	5 out of 5	-0.022	Lower
Math	-0.165	6	Lower	17 out of 20	-0.017	Lower	5 out of 5	-0.073	No
All-Subject Average	-0.125	5	Lower	19 out of 20	-0.017	Lower	5 out of 5	-0.043	Lower
Combined Grade									
ELA	-0.136			55 out of 57	0.037	Lower	6 out of 6	0.007	Lower
Math	-0.307			57 out of 57	0.019	Lower	6 out of 6	-0.055	Lower
All-Subject Average	-0.198			56 out of 57	0.026	Lower	6 out of 6	-0.029	Lower

Note. Statistical significance is based on a 95 percent confidence level. The state average value-added effect is zero. The school comparison weighted average represents a weighted average of performance of the schools in the relevant grouping for this school, weighted by the share of students in this charter who would have attended. The district comparison weighted average represents a weighted average of performance of the districts in the relevant grouping for this school, weighted by the share of students in this charter who would have attended.

Charter School Value-Added Compared to Competing Schools, by Grade Level and Subject



Note. Statistical significance is based on a 95 percent confidence level. The figures present the school-comparison value added estimates for the charter school and each of its comparison schools. The set of schools corresponds to those in the school-comparison rank estimates presented in the table above.

Scintilla Charter Academy

General Characteristics

School Name	Calendar Year Opened	Grades Served	Attendance Zone
Scintilla Charter Academy	2015	K-6	Brooks, Lowndes, Valdosta City

Students Served

School Name	Female	White	Black	Hispanic	Other Race	FRL	Direct Cert	LEP	SWD
Scintilla	52.0	55.6	30.2	6.0	8.2	41.0	21.1	0.7	14.9

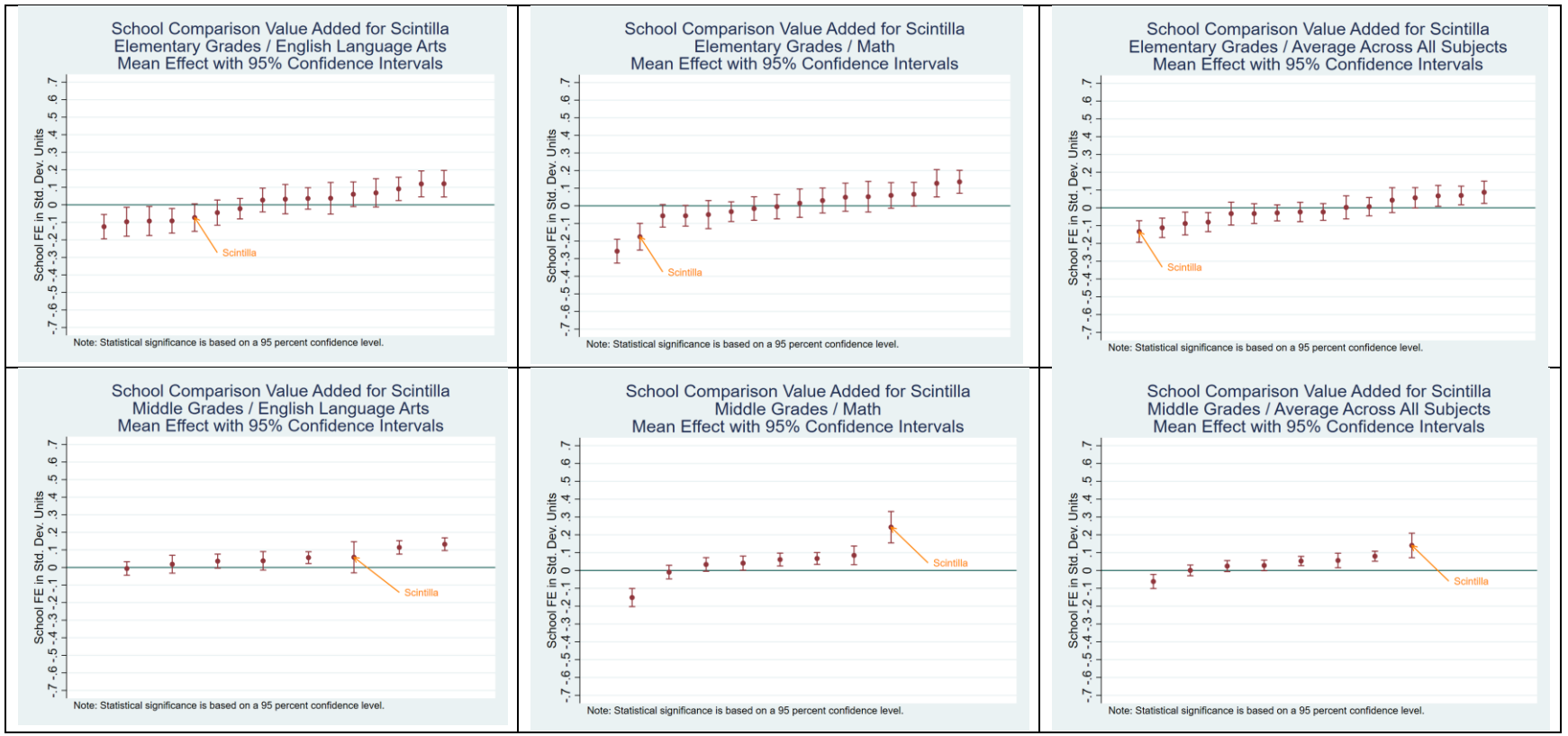
Note. All data are reported percentages (% omitted)

Value-Added Results Summary by Grade Level and Subject

	Value-Added (Controls for Student Demographics and Prior Test Scores)								
Grade Level and Subject	**School Effect**	**State Percentile (higher is better)**	**Statistically Different from State Average?**	**School Comparison Rank (lower is better)**	**School Comparison Weighted Average**	**Statistically Different from School Comparison Average?**	**District Comparison Rank (lower is better)**	**District Comparison Weighted Average**	**Statistically Different from District Comparison Average?**
Elementary									
ELA	-0.073	23	No	12 out of 16	0.006	Lower	4 out of 5	0.005	No
Math	-0.176	9	Lower	15 out of 16	-0.038	Lower	5 out of 5	-0.021	Lower
All-Subject Average	-0.133	9	Lower	16 out of 16	-0.027	Lower	5 out of 5	-0.019	Lower
Middle									
ELA	0.058	81	No	3 out of 8	0.056	No	2 out of 5	0.062	No
Math	0.243	98	Higher	1 out of 8	0.037	Higher	1 out of 5	0.038	Higher
All-Subject Average	0.140	97	Higher	1 out of 8	0.033	Higher	1 out of 5	0.036	Higher
Combined Grade									
ELA	-0.017			17 out of 23	0.020	No	5 out of 5	0.035	No
Math	0.006			14 out of 23	-0.014	No	4 out of 5	0.052	No
All-Subject Average	-0.017			16 out of 23	-0.006	No	4 out of 5	0.051	Lower

Note. Statistical significance is based on a 95 percent confidence level. The state average value-added effect is zero. The school comparison weighted average represents a weighted average of performance of the schools in the relevant grouping for this school, weighted by the share of students in this charter who would have attended. The district comparison weighted average represents a weighted average of performance of the districts in the relevant grouping for this school, weighted by the share of students in this charter who would have attended.

Charter School Value-Added Compared to Competing Schools, by Grade Level and Subject



Note. Statistical significance is based on a 95 percent confidence level. The figures present the school-comparison value added estimates for the charter school and each of its comparison schools. The set of schools corresponds to those in the school-comparison rank estimates presented in the table above.

SLAM Academy of Atlanta

General Characteristics

School Name	Calendar Year Opened	Grades Served	Attendance Zone
SLAM Academy of Atlanta	2018	K-5	Atlanta Public Schools

Students Served

School Name	Female	White	Black	Hispanic	Other Race	FRL	Direct Cert	LEP	SWD
SLAM	39.7	0.0	95.0	3.5	1.4	100.0	82.2	0.0	13.5

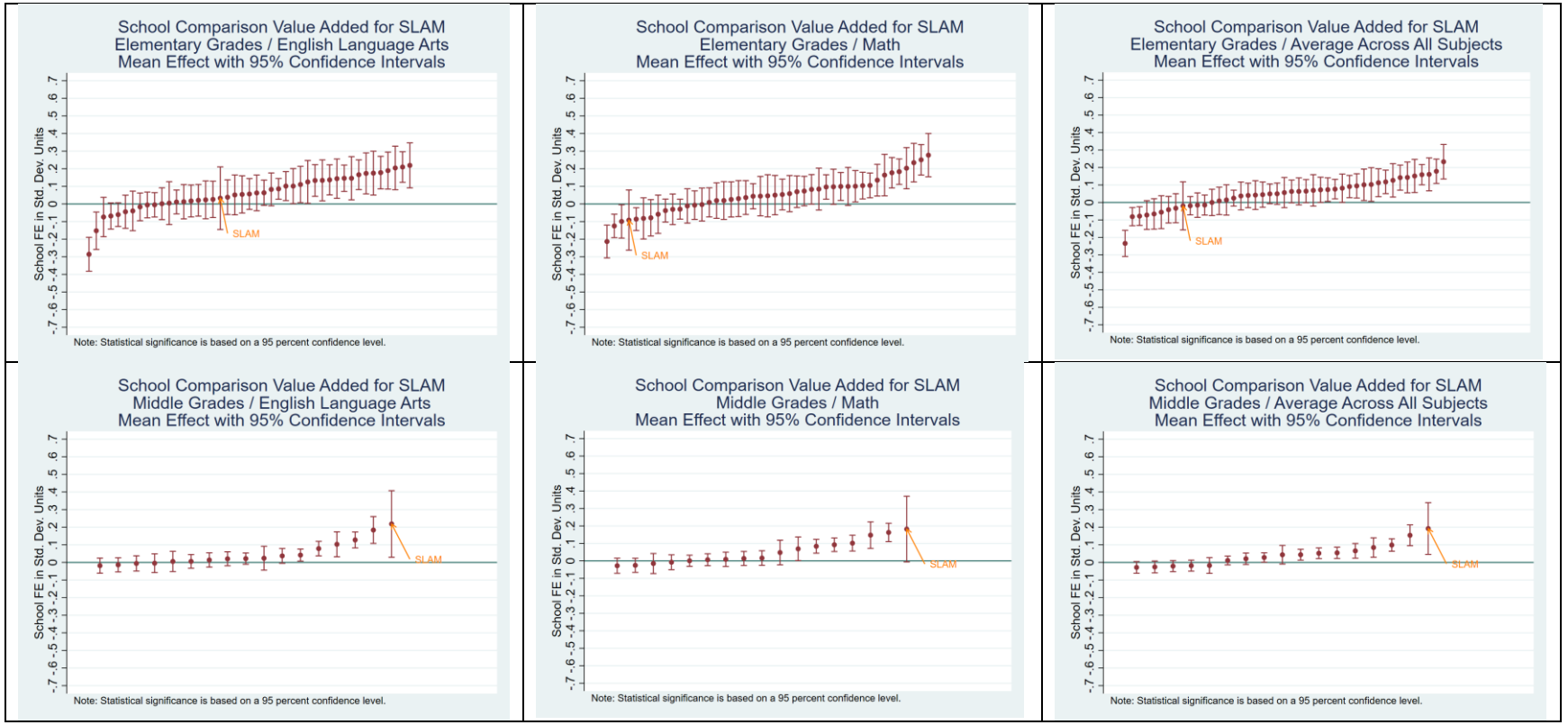
Note. All data are reported percentages (% omitted)

Value-Added Results Summary by Grade Level and Subject

	Value-Added (Controls for Student Demographics and Prior Test Scores)								
Grade Level and Subject	**School Effect**	**State Percentile (higher is better)**	**Statistically Different from State Average?**	**School Comparison Rank (lower is better)**	**School Comparison Weighted Average**	**Statistically Different from School Comparison Average?**	**District Comparison Rank (lower is better)**	**District Comparison Weighted Average**	**Statistically Different from District Comparison Average?**
Elementary									
ELA	0.033	64	No	27 out of 45	0.047	No	4 out of 4	0.065	No
Math	-0.091	22	No	42 out of 45	0.041	No	4 out of 4	0.040	No
All-Subject Average	-0.019	41	No	37 out of 45	0.038	No	4 out of 4	0.048	No
Middle									
ELA	0.218	99	Higher	1 out of 17	0.026	Higher	1 out of 5	0.033	No
Math	0.182	95	No	1 out of 17	0.043	No	1 out of 5	0.015	No
All-Subject Average	0.192	98	Higher	1 out of 17	0.026	Higher	1 out of 5	0.016	Higher
Combined Grade									
ELA	0.124			17 out of 60	0.047	No	1 out of 5	0.038	No
Math	0.047			31 out of 60	0.054	No	2 out of 5	0.024	No
All-Subject Average	0.099			15 out of 60	0.054	No	1 out of 5	0.015	No

Note. Statistical significance is based on a 95 percent confidence level. The state average value-added effect is zero. The school comparison weighted average represents a weighted average of performance of the schools in the relevant grouping for this school, weighted by the share of students in this charter who would have attended. The district comparison weighted average represents a weighted average of performance of the districts in the relevant grouping for this school, weighted by the share of students in this charter who would have attended.

Charter School Value-Added Compared to Competing Schools, by Grade Level and Subject



Note. Statistical significance is based on a 95 percent confidence level. The figures present the school-comparison value added estimates for the charter school and each of its comparison schools. The set of schools corresponds to those in the school-comparison rank estimates presented in the table above.

Southwest Georgia STEM Charter

General Characteristics

School Name	Calendar Year Opened	Grades Served	Attendance Zone
Southwest Georgia STEM Charter	2016	PK-9	Statewide

Students Served

School Name	Female	White	Black	Hispanic	Other Race	FRL	Direct Cert	LEP	SWD
Southwest GA	50.8	72.1	17.7	4.3	5.8	100.0	50.9	0.0	16.4

Note. All data are reported percentages (% omitted)

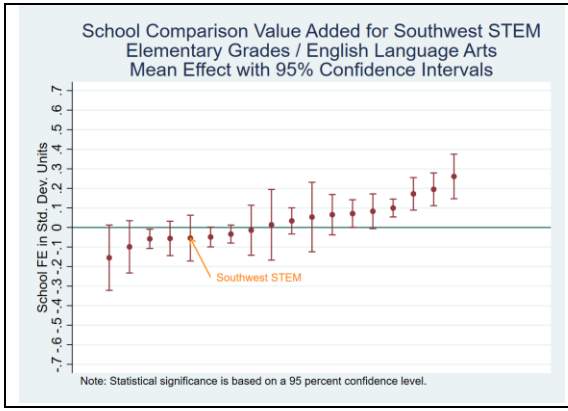
Value-Added Results Summary by Grade Level and Subject

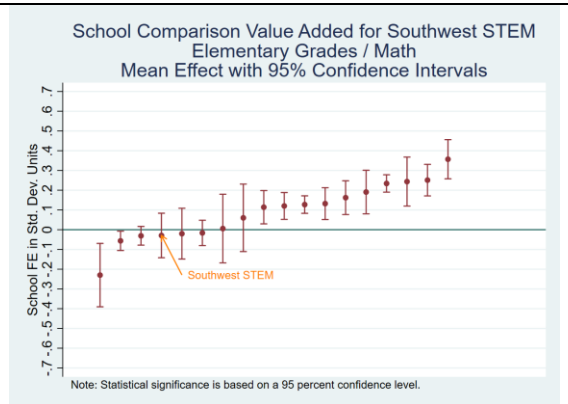
	Value-Added (Controls for Student Demographics and Prior Test Scores)								
Grade Level and Subject	**School Effect**	**State Percentile (higher is better)**	**Statistically Different from State Average?**	**School Comparison Rank (lower is better)**	**School Comparison Weighted Average**	**Statistically Different from School Comparison Average?**	**District Comparison Rank (lower is better)**	**District Comparison Weighted Average**	**Statistically Different from District Comparison Average?**
Elementary									
ELA	-0.055	30	No	14 out of 18	0.073	Lower	10 out of 13	0.071	Lower
Math	-0.029	42	No	15 out of 18	0.162	Lower	11 out of 13	0.161	Lower
All-Subject Average	-0.045	30	No	14 out of 18	0.112	Lower	10 out of 13	0.111	Lower
Middle									
ELA	-0.021	36	No	11 out of 14	0.032	No	10 out of 12	0.034	No
Math	0.110	87	Higher	5 out of 14	0.113	No	5 out of 12	0.116	No
All-Subject Average	0.041	72	No	7 out of 14	0.060	No	6 out of 12	0.062	No
High									
American Literature	0.217	97	No	1 out of 11	0.096	No	1 out of 9	0.096	No
Algebra 1	-0.160	21	No	9 out of 9	0.169	Lower	7 out of 7	0.169	Lower
All-Subject Average	-0.113	19	No	11 out of 11	0.128	Lower	9 out of 9	0.128	Lower
Combined Grade									

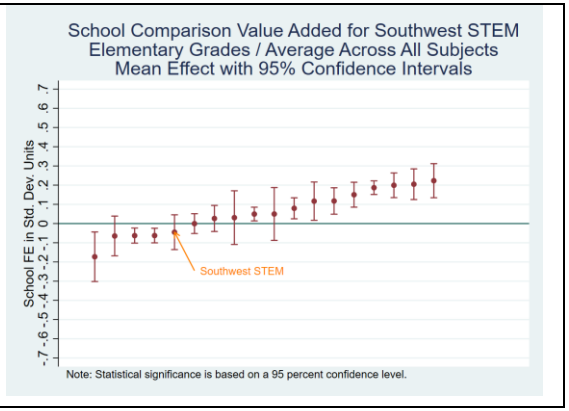
	Value-Added (Controls for Student Demographics and Prior Test Scores)								
Grade Level and Subject	**School Effect**	**State Percentile (higher is better)**	**Statistically Different from State Average?**	**School Comparison Rank (lower is better)**	**School Comparison Weighted Average**	**Statistically Different from School Comparison Average?**	**District Comparison Rank (lower is better)**	**District Comparison Weighted Average**	**Statistically Different from District Comparison Average?**
ELA	-0.032			25 out of 38	0.057	Lower	10 out of 14	0.052	Lower
Math	0.034			23 out of 36	0.151	Lower	11 out of 14	0.149	Lower
All-Subject Average	-0.041			26 out of 38	0.102	Lower	11 out of 14	0.097	Lower

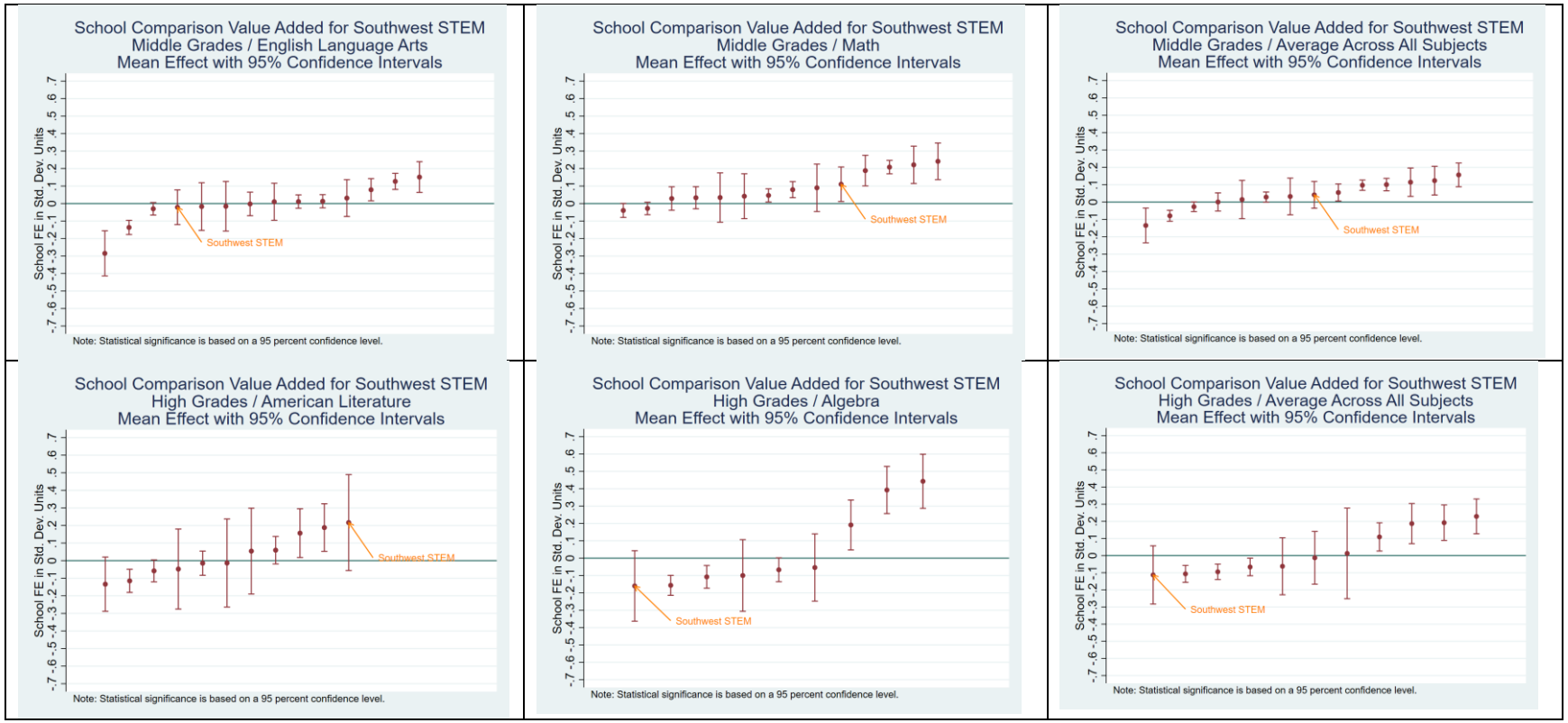
Note. Statistical significance is based on a 95 percent confidence level. The state average value-added effect is zero. The school comparison weighted average represents a weighted average of performance of the schools in the relevant grouping for this school, weighted by the share of students in this charter who would have attended. The district comparison weighted average represents a weighted average of performance of the districts in the relevant grouping for this school, weighted by the share of students in this charter who would have attended.

Charter School Value-Added Compared to Competing Schools, by Grade Level and Subject









Note. Statistical significance is based on a 95 percent confidence level. The figures present the school-comparison value added estimates for the charter school and each of its comparison schools. The set of schools corresponds to those in the school-comparison rank estimates presented in the table above.

Spring Creek Charter Academy

General Characteristics

School Name	Calendar Year Opened	Grades Served	Attendance Zone
Spring Creek Charter Academy	2019	K-7	Decatur, Miller, Seminole

Students Served

School Name	Female	White	Black	Hispanic	Other Race	FRL	Direct Cert	LEP	SWD
Spring Creek	51.0	65.5	24.5	6.3	3.5	59.0	32.4	0.3	11.3

Note. All data are reported percentages (% omitted)

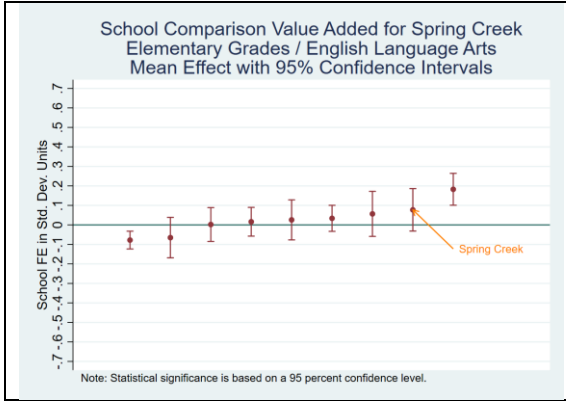
Value-Added Results Summary by Grade Level and Subject

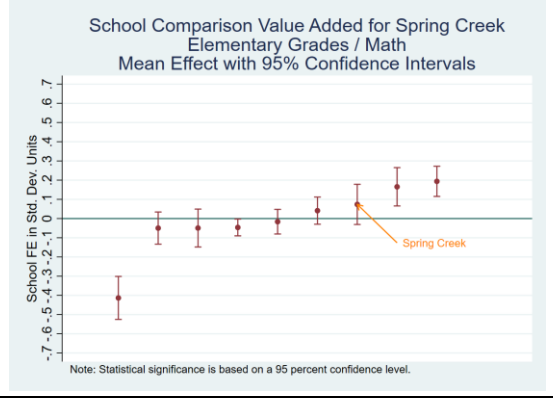
	Value-Added (Controls for Student Demographics and Prior Test Scores)								
Grade Level and Subject	**School Effect**	**State Percentile (higher is better)**	**Statistically Different from State Average?**	**School Comparison Rank (lower is better)**	**School Comparison Weighted Average**	**Statistically Different from School Comparison Average?**	**District Comparison Rank (lower is better)**	**District Comparison Weighted Average**	**Statistically Different from District Comparison Average?**
Elementary									
ELA	0.077	80	No	2 out of 9	-0.026	No	2 out of 7	-0.060	Higher
Math	0.074	73	No	3 out of 9	-0.019	No	2 out of 7	-0.039	Higher
All-Subject Average	0.102	87	Higher	2 out of 9	-0.029	Higher	2 out of 7	-0.062	Higher
Middle									
ELA	-0.087	13	No	4 out of 5	-0.040	No	4 out of 5	-0.043	No
Math	-0.355	1	Lower	5 out of 5	-0.051	Lower	5 out of 5	-0.054	Lower
All-Subject Average	-0.207	1	Lower	5 out of 5	-0.051	Lower	5 out of 5	-0.054	Lower
High									
American Literature									
Algebra 1	-0.300	8	Lower	4 out of 5	0.312	Lower	4 out of 5	0.285	Lower
All-Subject Average	-0.408	1	Lower	5 out of 5	0.189	Lower	5 out of 5	0.164	Lower

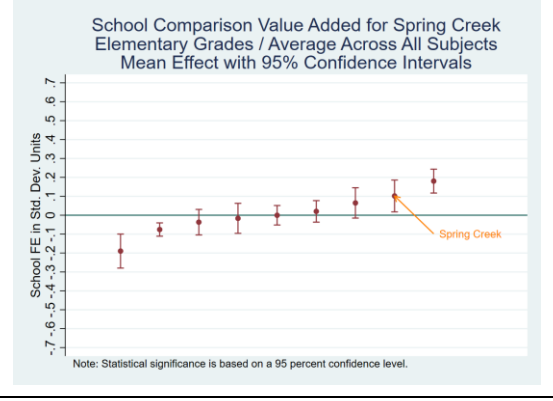
	Value-Added (Controls for Student Demographics and Prior Test Scores)								
Grade Level and Subject	**School Effect**	**State Percentile (higher is better)**	**Statistically Different from State Average?**	**School Comparison Rank (lower is better)**	**School Comparison Weighted Average**	**Statistically Different from School Comparison Average?**	**District Comparison Rank (lower is better)**	**District Comparison Weighted Average**	**Statistically Different from District Comparison Average?**
Combined Grade									
ELA	-0.015			11 out of 16	-0.026	No	4 out of 7	-0.041	No
Math	-0.174			14 out of 16	-0.004	Lower	7 out of 7	-0.005	Lower
All-Subject Average	-0.098			13 out of 16	-0.021	Lower	7 out of 7	-0.013	Lower

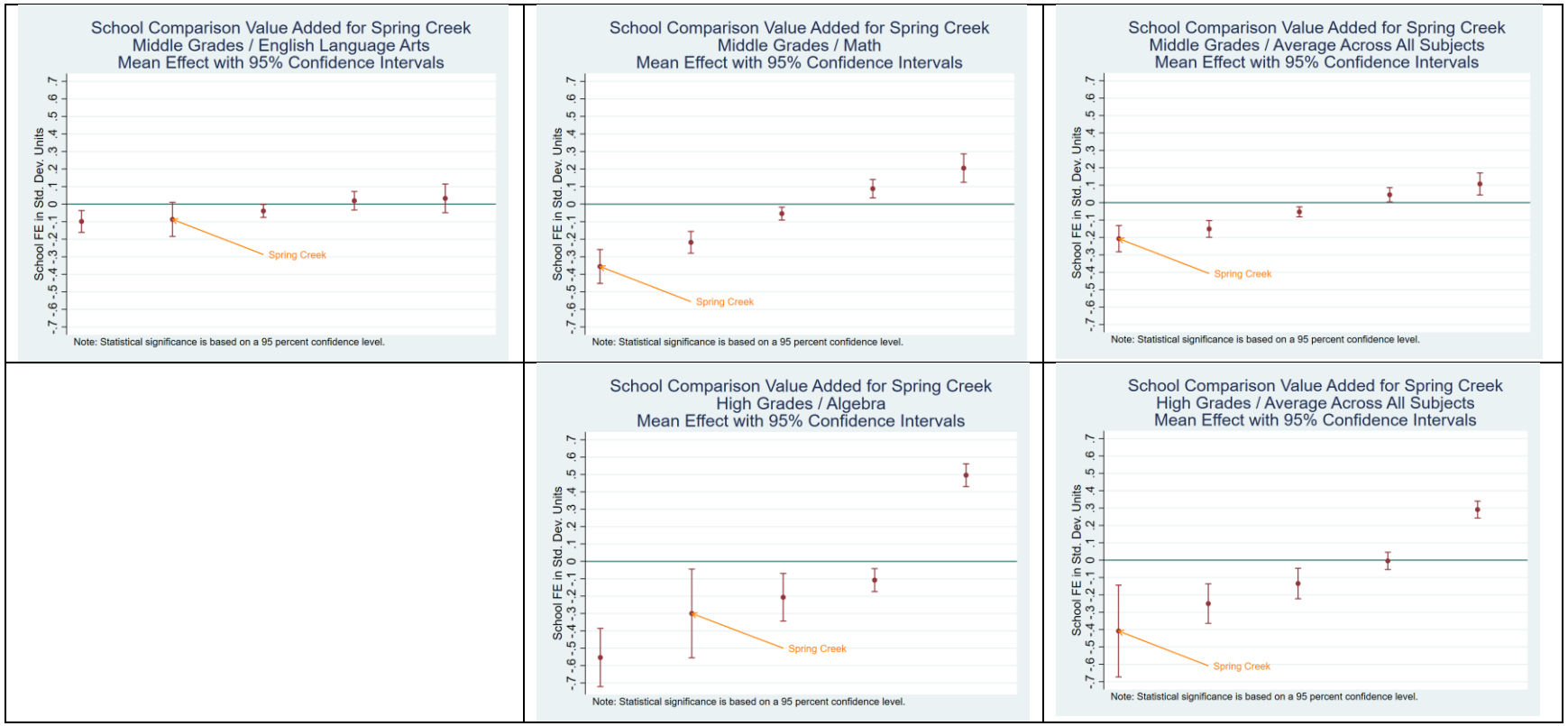
Note. Statistical significance is based on a 95 percent confidence level. The state average value-added effect is zero. The school comparison weighted average represents a weighted average of performance of the schools in the relevant grouping for this school, weighted by the share of students in this charter who would have attended. The district comparison weighted average represents a weighted average of performance of the districts in the relevant grouping for this school, weighted by the share of students in this charter who would have attended.

Charter School Value-Added Compared to Competing Schools, by Grade Level and Subject









Note. Statistical significance is based on a 95 percent confidence level. The figures present the school-comparison value added estimates for the charter school and each of its comparison schools. The set of schools corresponds to those in the school-comparison rank estimates presented in the table above.

Statesboro STEAM College, Careers, Arts & Technology Academy

General Characteristics

School Name	Calendar Year Opened	Grades Served	Attendance Zone
Statesboro STEAM Academy	2002	6-12	Bulloch County

Students Served

School Name	Female	White	Black	Hispanic	Other Race	FRL	Direct Cert	LEP	SWD
Statesboro STEAM	45.4	56.3	35.0	1.6	7.1	44.3	19.4	0.0	16.9

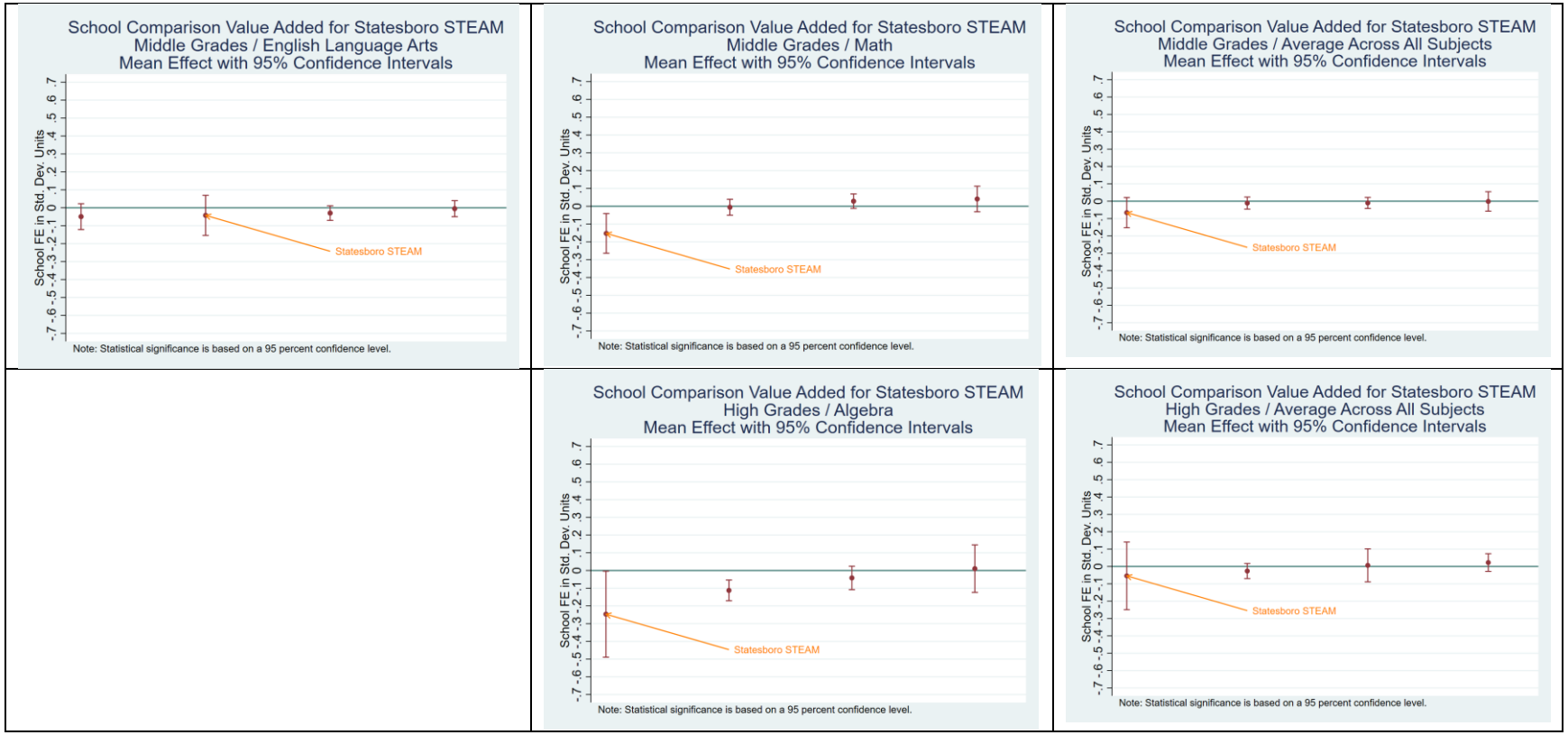
Note. All data are reported percentages (% omitted)

Value-Added Results Summary by Grade Level and Subject

	Value-Added (Controls for Student Demographics and Prior Test Scores)								
Grade Level and Subject	**School Effect**	**State Percentile (higher is better)**	**Statistically Different from State Average?**	**School Comparison Rank (lower is better)**	**School Comparison Weighted Average**	**Statistically Different from School Comparison Average?**	**District Comparison Rank (lower is better)**	**District Comparison Weighted Average**	**Statistically Different from District Comparison Average?**
Middle									
ELA	-0.042	25	No	3 out of 4	-0.021	No	2 out of 2	-0.015	No
Math	-0.152	7	Lower	4 out of 4	0.016	Lower	2 out of 2	0.042	Lower
All-Subject Average	-0.066	16	No	4 out of 4	-0.010	No	2 out of 2	0.015	No
High									
American Literature									
Algebra 1	-0.247	11	Lower	4 out of 4	-0.095	No	2 out of 2	-0.073	No
All-Subject Average	-0.054	34	No	4 out of 4	-0.019	No	2 out of 2	-0.004	No
Combined Grade									
ELA	-0.023			5 out of 11	-0.023	No	2 out of 2	-0.014	No
Math	-0.189			11 out of 11	-0.028	Lower	2 out of 2	0.022	Lower
All-Subject Average	-0.085			11 out of 11	-0.020	No	2 out of 2	0.008	Lower

Note. Statistical significance is based on a 95 percent confidence level. The state average value-added effect is zero. The school comparison weighted average represents a weighted average of performance of the schools in the relevant grouping for this school, weighted by the share of students in this charter who would have attended. The district comparison weighted average represents a weighted average of performance of the districts in the relevant grouping for this school, weighted by the share of students in this charter who would have attended.

Charter School Value-Added Compared to Competing Schools, by Grade Level and Subject



Note. Statistical significance is based on a 95 percent confidence level. The figures present the school-comparison value added estimates for the charter school and each of its comparison schools. The set of schools corresponds to those in the school-comparison rank estimates presented in the table above.

Utopian Academy for the Arts

General Characteristics

School Name	Calendar Year Opened	Grades Served	Attendance Zone
Utopian Academy for the Arts	2014	6-8	Clayton County

Students Served

School Name	Female	White	Black	Hispanic	Other Race	FRL	Direct Cert	LEP	SWD
Utopian	59.9	0.6	87.3	6.2	5.4	100.0	47.9	2.0	8.2

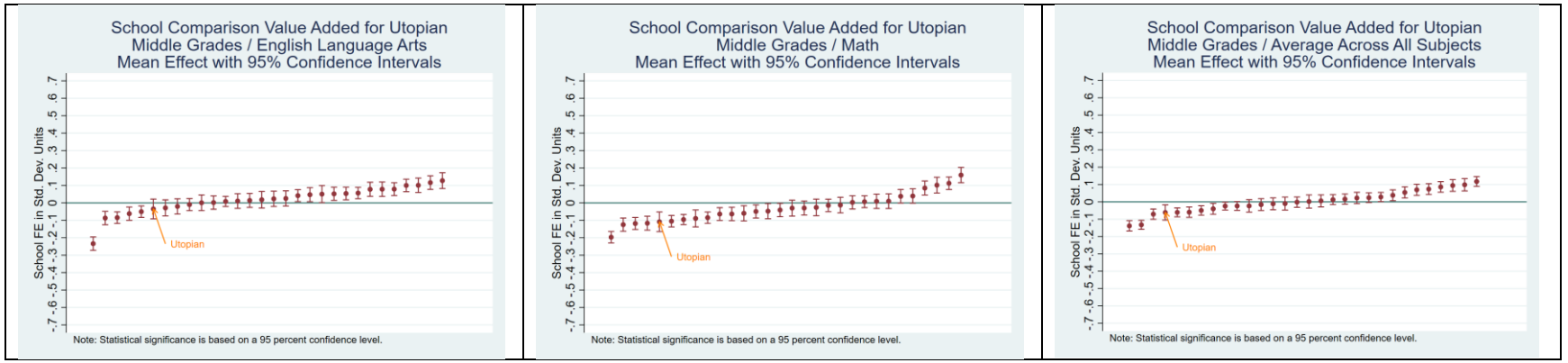
Note. All data are reported percentages (% omitted)

Value-Added Results Summary by Grade Level and Subject

	Value-Added (Controls for Student Demographics and Prior Test Scores)								
Grade Level and Subject	**School Effect**	**State Percentile (higher is better)**	**Statistically Different from State Average?**	**School Comparison Rank (lower is better)**	**School Comparison Weighted Average**	**Statistically Different from School Comparison Average?**	**District Comparison Rank (lower is better)**	**District Comparison Weighted Average**	**Statistically Different from District Comparison Average?**
Middle									
ELA	-0.035	30	No	25 out of 30	0.039	Lower	5 out of 7	0.053	Lower
Math	-0.108	12	Lower	26 out of 30	-0.024	Lower	7 out of 7	-0.020	Lower
All-Subject Average	-0.061	19	Lower	27 out of 30	0.019	Lower	6 out of 7	0.026	Lower
Combined Grade									
ELA	-0.021			24 out of 30	0.043	Lower	4 out of 7	0.036	No
Math	-0.095			25 out of 30	-0.017	Lower	7 out of 7	-0.013	Lower
All-Subject Average	-0.044			25 out of 30	0.029	Lower	7 out of 7	0.016	Lower

Note. Statistical significance is based on a 95 percent confidence level. The state average value-added effect is zero. The school comparison weighted average represents a weighted average of performance of the schools in the relevant grouping for this school, weighted by the share of students in this charter who would have attended. The district comparison weighted average represents a weighted average of performance of the districts in the relevant grouping for this school, weighted by the share of students in this charter who would have attended.

Charter School Value-Added Compared to Competing Schools, by Grade Level and Subject



Note. Statistical significance is based on a 95 percent confidence level. The figures present the school-comparison value added estimates for the charter school and each of its comparison schools. The set of schools corresponds to those in the school-comparison rank estimates presented in the table above.

Yi Hwang Academy of Language Excellence

General Characteristics

School Name	Calendar Year Opened	Grades Served	Attendance Zone
Yi Hwang Academy of Language Excellence	2020	K-5	Statewide

Students Served

School Name	Female	White	Black	Hispanic	Other Race	FRL	Direct Cert	LEP	SWD
Yi Hwang	49.5	4.1	9.2	7.5	79.3	0.0	7.3	24.2	4.7

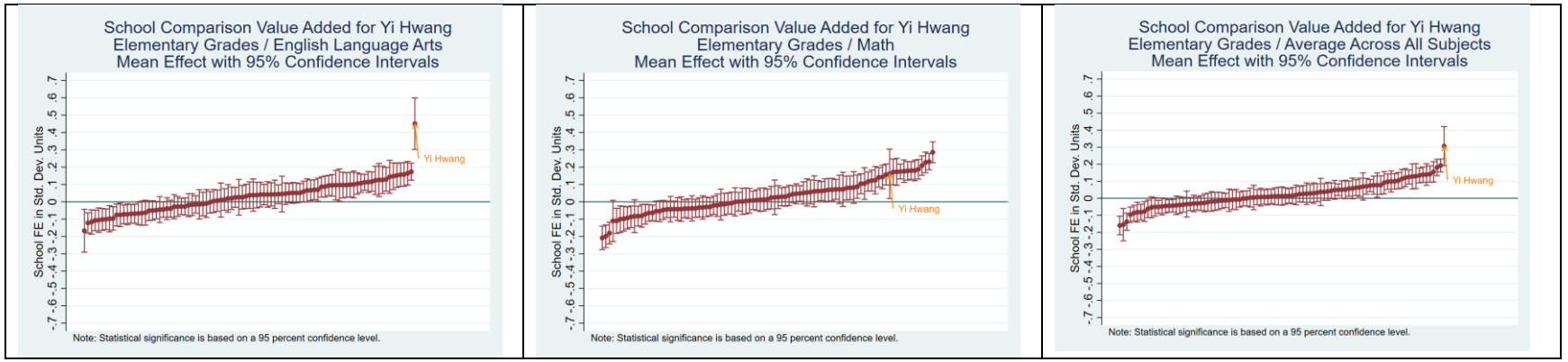
Note. All data are reported percentages (% omitted)

Value-Added Results Summary by Grade Level and Subject

	Value-Added (Controls for Student Demographics and Prior Test Scores)								
Grade Level and Subject	**School Effect**	**State Percentile (higher is better)**	**Statistically Different from State Average?**	**School Comparison Rank (lower is better)**	**School Comparison Weighted Average**	**Statistically Different from School Comparison Average?**	**District Comparison Rank (lower is better)**	**District Comparison Weighted Average**	**Statistically Different from District Comparison Average?**
Elementary									
ELA	0.450	99	Higher	1 out of 93	0.024	Higher	1 out of 13	0.017	Higher
Math	0.161	89	Higher	13 out of 93	0.044	No	1 out of 13	0.037	No
All-Subject Average	0.306	99	Higher	1 out of 93	0.028	Higher	1 out of 13	0.021	Higher
Combined Grade									
ELA	0.446			1 out of 93	0.025	Higher	1 out of 13	0.012	Higher
Math	0.128			15 out of 93	0.036	No	2 out of 13	0.048	No
All-Subject Average	0.288			1 out of 93	0.023	Higher	1 out of 13	0.023	Higher

Note. Statistical significance is based on a 95 percent confidence level. The state average value-added effect is zero. The school comparison weighted average represents a weighted average of performance of the schools in the relevant grouping for this school, weighted by the share of students in this charter who would have attended. The district comparison weighted average represents a weighted average of performance of the districts in the relevant grouping for this school, weighted by the share of students in this charter who would have attended.

Charter School Value-Added Compared to Competing Schools, by Grade Level and Subject



Note. Statistical significance is based on a 95 percent confidence level. The figures present the school-comparison value added estimates for the charter school and each of its comparison schools. The set of schools corresponds to those in the school-comparison rank estimates presented in the table above.

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Appendix: Value Added Model Approach

Until the 2015/16 State Charter Schools Performance Report, a value-added model of the following form was used to estimate school effects or the school's "value-added":

$$A_{ist} = A_{i,t-1}\beta_1 + X_{it}\beta_2 + \delta_s + \varepsilon_{ist} \quad (1)$$

where A_{ist} represents the achievement level of student I in school s at time t, $A_{i,t-1}$ is a vector of prior-year test scores, X_{it} is a vector of student characteristics, δ_s is a school fixed effect, and ε_{ist} is a random error term. One can view the school fixed effect as the difference between a student's actual test score (A_{ist}) and the score a student would be expected to earn based on his/her individual characteristics and prior year test scores ($A_{i,t-1}\beta_1 + X_{it}\beta_2$), averaged over all students at a school. By construction, the average school has a fixed effect of zero and the performance of all other schools is measured relative to this average. Thus, a positive estimated value for a school's fixed effect indicates that it increases student achievement more than the average school, while a negative value indicates it is less effective than the average school. The model is called a "one-step VAM" by Ehlert et al. (2016), as the estimates of the influences of student characteristics and schools on student test scores are simultaneously estimated.

In 2016, the Governor's Office of Student Achievement (GOSA) and the State Charter Schools Commission (SCSC) sought feedback to strengthen the value-added methodology. One of the recommendations was the addition of school-level variables to control for the general school context rather than just individual-level student characteristics. In order to incorporate school-level student characteristics, the "two-step VAM" developed by Ehlert et al. (2016) was estimated for the 2016/17 school year. In the first stage of the two-step VAM, individual current-year student test scores are estimated as a function of individual-level prior-year test scores, individual student characteristics and *school-level* demographics (e.g., percent of students with disabilities or percent of students with limited English proficiency):

$$A_{ist} = A_{i,t-1}\gamma_1 + X_{it}\gamma_2 + Z_{st}\gamma_3 + \varphi_{ist} \quad (2)$$

where school-level student characteristics are represented by the vector Z_{st}. In the one-step VAM without any school-level characteristics (equation (1)), the implicit assumption is that a student would be expected to perform the same in a school serving a majority of students from low-income households as in a school serving a majority of students from relatively affluent families. Any deviations from expected performance are attributed to differences in school quality. In the two-step VAM, the expected performance of a student depends on both his/her own characteristics and the average characteristics of the student body in the school he/she attends. Because school indicators would be collinear with school-level characteristics, a second step is required to generate the school value-added estimates. The difference between the estimated performance ($A_{i,t-1}\gamma_1 + X_{it}\gamma_2 + Z_{st}\gamma_3$) and actual performance (A_{ist}) of each student that is generated in the first stage, φ_{ist}, is regressed on a set of school indicators in the second stage:

$$\varphi_{ist} = \mu_s + \omega_{ist} \quad (3)$$

The estimated effect for each school, μ_s, is the weighted average difference between actual and predicted scores from the first stage, where the weights are the number of students in each school. Because the first stage nets out the impact of school environment, the school value-added estimates generated in the second stage represent the performance of a school relative to other

schools with similar-looking student bodies. The combined whole-school VAM estimates are estimated similar to above, except here students in all grades are combined into one regression. Although controls for grade effects are included in the regressions, even if a school offers only one grade band, the whole-school VAM estimates will differ from grade-band specific estimates because the regression sample is different – the sample includes students in grades 4 through 12.

There are two things worth noting in the value-added model estimates. First, virtually all of the coefficients on the demographic characteristics have the expected sign. Second, the majority of the coefficients on the demographic variables are statistically significant, indicating they have a non-zero impact on current test scores, even after controlling for prior test scores.

A. Value-Added Model Estimates

	Elementary - All	Elementary - Math	Elementary - ELA
Lagged Math Score	0.4442***	0.7903***	
	(0.0015)	(0.0014)	
Lagged ELA Score	0.4027***		0.7782***
	(0.0015)		(0.0014)
only_math	-0.2685***		
	(0.0687)		
only_read	-0.1749***		
	(0.0295)		
frl_cep	-0.0488***	-0.0684***	-0.0643***
	(0.0024)	(0.0029)	(0.0030)
Female	0.0027	-0.0403***	0.0313***
	(0.0018)	(0.0022)	(0.0022)
Foreign Born	0.0509***	0.0635***	0.0320***
	(0.0048)	(0.0060)	(0.0061)
Black	-0.0143***	-0.0578***	-0.0226***
	(0.0023)	(0.0029)	(0.0030)
Hispanic	-0.0019	-0.0189***	-0.0000
	(0.0033)	(0.0041)	(0.0042)
Asian	0.1404***	0.1834***	0.1517***
	(0.0047)	(0.0058)	(0.0060)
American Indian	0.0104	0.0234	-0.0113
	(0.0200)	(0.0249)	(0.0256)
Multi-Racial	0.0057	-0.0213***	0.0181***
	(0.0041)	(0.0052)	(0.0053)
ESOL Enrolled	-0.0485***	-0.0619***	-0.1113***
	(0.0041)	(0.0051)	(0.0053)
Num. Schools Attended	0.0061	-0.0025	0.0133
	(0.0115)	(0.0144)	(0.0147)
Changed Schools	-0.0065*	-0.0039	-0.0169***
	(0.0028)	(0.0035)	(0.0036)
Diff. from Modal Age	-0.0016***	-0.0020***	-0.0015***
	(0.0002)	(0.0002)	(0.0002)
late_entry	-0.0312**	-0.0475***	-0.0289*
	(0.0101)	(0.0126)	(0.0129)
Lagged Num. Disc. Inc.	-0.0127***	-0.0186***	-0.0169***
	(0.0021)	(0.0027)	(0.0027)
Lagged Pct. Present	0.0019***	0.0037***	0.0032***
	(0.0002)	(0.0002)	(0.0002)
Lagged Exit	-0.0148	-0.0710	0.0241
	(0.0346)	(0.0431)	(0.0442)
Orthopedic Impairment	-0.0904*	-0.1514**	-0.1035
	(0.0450)	(0.0558)	(0.0576)
Speech-Language Imp.	-0.0027	0.0074	-0.0274***
	(0.0056)	(0.0070)	(0.0071)
Deaf	-0.1267***	-0.1101**	-0.2145***
	(0.0271)	(0.0338)	(0.0346)
Visual Impairment	-0.0610	-0.0860	-0.0892
	(0.0409)	(0.0511)	(0.0524)

Emotional/Behav. Dis.	-0.1450***	-0.1792***	-0.1953***
	(0.0126)	(0.0158)	(0.0161)
Specific Learning Dis.	-0.1169***	-0.1460***	-0.1959***
	(0.0037)	(0.0046)	(0.0047)
Deaf and Blind	0.4060	0.0104	0.6827
	(0.3945)	(0.4922)	(0.5049)
Autism	-0.1258***	-0.1372***	-0.2155***
	(0.0073)	(0.0091)	(0.0094)
Traumatic Brain Injury	-0.1314	-0.1116	-0.2911**
	(0.0789)	(0.1005)	(0.1010)
Significant Dev. Delay	-0.0371	-0.0695	-0.0550
	(0.0356)	(0.0444)	(0.0456)
Other Health Imp.	-0.1447***	-0.1775***	-0.2229***
	(0.0057)	(0.0071)	(0.0072)
Mild Intellectual Dis.	-0.2106***	-0.1956***	-0.3687***
	(0.0126)	(0.0158)	(0.0162)
Mod. Intellectual Dis.	-0.2527**	-0.0313	-0.6130***
	(0.0882)	(0.1074)	(0.1129)
School-Average ESOL Enrolled	-0.0110	-0.0210*	-0.0195*
	(0.0068)	(0.0085)	(0.0087)
School-Average Students w. Disabilities	-0.0694***	-0.0426*	-0.1019***
	(0.0166)	(0.0207)	(0.0212)
School Average Direct Certification Percent	-0.0009***	-0.0016***	-0.0013***
	(0.0001)	(0.0001)	(0.0001)
Grade 4	-0.0048**	-0.0023	-0.0043
	(0.0018)	(0.0022)	(0.0022)
Constant	-0.0820***	-0.1730***	-0.1752***
	(0.0204)	(0.0255)	(0.0260)
R-Squared	0.8216	0.7538	0.7398
N	211324	211284	211546

Note. Standard errors in parentheses; * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

	(4) Middle School - All	(5) Middle School - Math	(6) Middle School - ELA
Lagged Math Score	0.4276***	0.7727***	
	(0.0012)	(0.0012)	
Lagged ELA Score	0.4143***		0.7647***
	(0.0012)		(0.0012)
only_math	-0.2062***		
	(0.0221)		
only_read	-0.2589***		
	(0.0161)		
frl_cep	-0.0489***	-0.0653***	-0.0726***
	(0.0019)	(0.0024)	(0.0024)
Female	0.0271***	-0.0117***	0.0667***
	(0.0015)	(0.0018)	(0.0018)
Foreign Born	0.0469***	0.0475***	0.0330***
	(0.0040)	(0.0051)	(0.0051)
Black	-0.0220***	-0.0680***	-0.0350***
	(0.0019)	(0.0024)	(0.0024)
Hispanic	0.0032	-0.0088**	0.0052
	(0.0026)	(0.0034)	(0.0034)
Asian	0.1371***	0.2215***	0.1358***
	(0.0038)	(0.0049)	(0.0049)
American Indian	0.0115	-0.0132	0.0123
	(0.0166)	(0.0214)	(0.0212)
Multi-Racial	-0.0028	-0.0160***	-0.0051
	(0.0035)	(0.0045)	(0.0044)
ESOL Enrolled	-0.0943***	-0.1342***	-0.1819***
	(0.0037)	(0.0047)	(0.0048)
Num. Schools Attended	0.0124	0.0284*	-0.0085
	(0.0088)	(0.0113)	(0.0113)
Changed Schools	-0.0326***	-0.0339***	-0.0327***
	(0.0025)	(0.0032)	(0.0031)
Diff. from Modal Age	-0.0027***	-0.0033***	-0.0033***
	(0.0001)	(0.0002)	(0.0002)
late_entry	-0.0229**	-0.0485***	-0.0141
	(0.0073)	(0.0093)	(0.0093)
Lagged Num. Disc. Inc.	-0.0194***	-0.0248***	-0.0285***
	(0.0011)	(0.0015)	(0.0015)
Lagged Pct. Present	0.0026***	0.0044***	0.0040***
	(0.0001)	(0.0002)	(0.0002)
Lagged Exit	-0.0450**	-0.0389*	-0.0626***
	(0.0140)	(0.0181)	(0.0178)
Orthopedic Impairment	-0.1510***	-0.1734**	-0.2110***
	(0.0425)	(0.0546)	(0.0543)
Speech-Language Imp.	-0.0116	-0.0136	-0.0321***
	(0.0073)	(0.0094)	(0.0093)
Deaf	-0.0664**	-0.0908**	-0.1279***
	(0.0216)	(0.0278)	(0.0276)
Visual Impairment	-0.0199	-0.0579	-0.0273
	(0.0325)	(0.0417)	(0.0415)
Emotional/Behav. Dis.	-0.0896***	-0.1130***	-0.1667***
	(0.0089)	(0.0115)	(0.0114)
Specific Learning Dis.	-0.1089***	-0.1335***	-0.1946***
	(0.0029)	(0.0037)	(0.0037)
Deaf and Blind	-0.1496	-0.1884	-0.2282
	(0.1616)	(0.2077)	(0.2067)
Autism	-0.0677***	-0.0820***	-0.1608***

	(0.0066)	(0.0084)	(0.0084)
Traumatic Brain Injury	-0.0935	-0.1050	-0.2246**
	(0.0549)	(0.0712)	(0.0702)
Significant Dev. Delay	-0.1712	-0.3119	-0.0307
	(0.2799)	(0.3597)	(0.3579)
Other Health Imp.	-0.1171***	-0.1457***	-0.2106***
	(0.0043)	(0.0055)	(0.0055)
Mild Intellectual Dis.	-0.1548***	-0.1623***	-0.2970***
	(0.0108)	(0.0138)	(0.0138)
Mod. Intellectual Dis.	-0.0961	-0.2241**	-0.1407
	(0.0670)	(0.0860)	(0.0844)
School-Average ESOL Enrolled	0.0005	-0.0241**	0.0209*
	(0.0071)	(0.0091)	(0.0091)
School-Average Students w. Disabilities	-0.3373***	-0.3936***	-0.3782***
	(0.0178)	(0.0228)	(0.0227)
School Average Direct Certification Percent	-0.0008***	-0.0020***	-0.0011***
	(0.0001)	(0.0001)	(0.0001)
Grade 6	0.0264***	0.0252***	
	(0.0027)	(0.0034)	
Grade 7	-0.0021	-0.0043*	-0.0238***
	(0.0017)	(0.0022)	(0.0034)
Grade 8			-0.0230***
			(0.0034)
Constant	-0.1184***	-0.2060***	-0.1707***
	(0.0153)	(0.0197)	(0.0198)
R-Squared	0.8259	0.7480	0.7447
N	318638	318460	318896

Note. Standard errors in parentheses; * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

	(1) HS - All	(2) HS - ALG	(3) HS - AME
8th Grade Math Score (or 7th for 9th graders)	0.3970***	0.6768***	0.2123***
	(0.0024)	(0.0037)	(0.0029)
8th Grade ELA Score (or 7th for 9th graders)	0.3944***	0.2508***	0.5222***
	(0.0023)	(0.0034)	(0.0030)
only_math	0.3258***		
	(0.0127)		
only_read	-0.3462***		
	(0.0117)		
frl_cep	-0.0527***	-0.0520***	-0.0608***
	(0.0034)	(0.0050)	(0.0043)
Female	0.0055	-0.0751***	0.0673***
	(0.0028)	(0.0041)	(0.0036)
Foreign Born	0.0829***	0.1002***	0.0568***
	(0.0081)	(0.0121)	(0.0101)
Black	-0.0663***	-0.0310***	-0.0706***
	(0.0036)	(0.0053)	(0.0046)
Hispanic	-0.0337***	-0.0048	-0.0398***
	(0.0045)	(0.0067)	(0.0056)
Asian	0.0392***	0.2296***	0.0406***
	(0.0080)	(0.0149)	(0.0090)
American Indian	-0.0521	-0.0571	-0.0399
	(0.0323)	(0.0484)	(0.0403)
Multi-Racial	-0.0122	-0.0095	-0.0065
	(0.0073)	(0.0104)	(0.0095)
ESOL Enrolled	-0.0804***	-0.0462***	-0.1571***
	(0.0079)	(0.0104)	(0.0116)
Num. Schools Attended	-0.0742***	-0.0291	-0.1113***
	(0.0140)	(0.0196)	(0.0185)
Changed Schools	-0.0136**	-0.0064	-0.0275***
	(0.0052)	(0.0074)	(0.0072)
Diff. from Modal Age	-0.0061***	-0.0055***	-0.0072***
	(0.0002)	(0.0003)	(0.0003)
late_entry	-0.0033	-0.0142	0.0279
	(0.0111)	(0.0152)	(0.0148)
num_incident_22	-0.0579***	-0.0332***	-0.0975***
	(0.0030)	(0.0035)	(0.0053)
s_presntpct	0.0086***	0.0087***	0.0082***
	(0.0002)	(0.0003)	(0.0002)
a_exitbad2	-0.1778***	-0.2265***	-0.1853***
	(0.0287)	(0.0422)	(0.0360)
Orthopedic Impairment	-0.1142	-0.1658	-0.0870
	(0.0652)	(0.0920)	(0.0863)
Speech-Language Imp.	-0.0262	0.0446	-0.1559***
	(0.0257)	(0.0327)	(0.0384)
Deaf	-0.1154**	-0.0814	-0.1578**
	(0.0427)	(0.0575)	(0.0610)
Visual Impairment	0.0134	-0.0466	0.0731
	(0.0641)	(0.0899)	(0.0862)
Emotional/Behav. Dis.	-0.1334***	-0.1364***	-0.1192***
	(0.0163)	(0.0215)	(0.0231)
Specific Learning Dis.	-0.1545***	-0.1149***	-0.1975***
	(0.0056)	(0.0076)	(0.0076)
Deaf and Blind	-1.0379		-1.1974*

	(0.6011)		(0.5653)
Autism	-0.0990***	-0.1164***	-0.1077***
	(0.0133)	(0.0183)	(0.0181)
Traumatic Brain Injury	-0.2104*	-0.1195	-0.3228**
	(0.0842)	(0.1034)	(0.1234)
Other Health Imp.	-0.1990***	-0.1635***	-0.2395***
	(0.0082)	(0.0111)	(0.0113)
Mild Intellectual Dis.	-0.2539***	-0.1449***	-0.3667***
	(0.0212)	(0.0285)	(0.0289)
Mod. Intellectual Dis.	-0.3697**	-0.3173*	-0.8585**
	(0.1380)	(0.1557)	(0.2828)
Prof. Intellectual Dis.	1.7819**	1.8771**	
	(0.6011)	(0.6026)	
School-Average ESOL Enrolled	-0.0208	0.0848**	-0.1163***
	(0.0225)	(0.0289)	(0.0339)
School-Average Students w. Disabilities	-0.2089***	-0.2373***	-0.2282***
	(0.0386)	(0.0557)	(0.0511)
School Average Direct Certification Percent	-0.0034***	-0.0038***	-0.0030***
	(0.0001)	(0.0002)	(0.0002)
grade10	0.4218***	0.0147	-0.4009***
	(0.0074)	(0.0168)	(0.0206)
grade11	0.4105***		-0.3828***
	(0.0089)		(0.0204)
grade12	0.6956***	-0.0296	-0.0609**
	(0.0103)	(0.0256)	(0.0211)
grade9		-0.5603***	
		(0.0169)	
Constant	-0.6641***	0.1943***	-0.1506***
	(0.0258)	(0.0358)	(0.0344)
R-Squared	0.6302	0.6314	0.6744
N	198106	91970	108776

Note. Standard errors in parentheses; * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$