

**Technical Appendix to**

**The Performance of  
State Charter Schools in Georgia, 2014-15**

by

Tim R. Sass, Ph.D.  
Distinguished University Professor  
Department of Economics  
Andrew Young School of Policy Studies  
Georgia State University

May 11, 2016



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## I. Value Added Models

A value-added model of the following form was used to estimate school effects:

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

where  $A_{ist}$  represents the achievement level of student  $i$  in school  $s$  at time  $t$ ,  $A_{it-n}$  is a vector of prior test scores,  $X_{it}$  is a vector of student characteristics,  $\delta_s$  is a school fixed effect, and  $\varepsilon_{ist}$  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 their individual characteristics and past history of test scores ( $A_{it-n}\beta_1 + X_{it}\beta_2$ ), 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 they increase student achievement more than the average school while a negative value indicates they are less effective than the average school.

Three versions of the value-added model were estimated. The first employed all available student characteristics in the vector  $X$ . Estimates from this model are presented in the main report. The second removed indicators for student racial/ethnic categories. The third eliminated the  $X$  vector entirely and only included the vector of prior test scores. Each of the three value-added models was applied to 16 different samples representing four Milestones end-of-grade subjects at the elementary level, four Milestones end-of-grade subjects at the middle school level and eight subject-specific end-of-course exams at the high school level. Estimates for the 48 model/sample combinations are provided below.

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, most all 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.

*Value-Added Model Estimates*

## Elementary All-Subjects Value-Added Estimates

	(1)	(2)	(3)
	All Controls	No Race/Ethnicity	Lagged Scores Only
Lagged ELA Score	0.2786*** (0.0018)	0.2785*** (0.0018)	0.3064*** (0.0017)
Lagged Math Score	0.1789*** (0.0014)	0.1803*** (0.0014)	0.2128*** (0.0014)
Lagged Science Score	0.1787*** (0.0017)	0.1842*** (0.0017)	0.1923*** (0.0017)
Lagged Soc. Stud. Score	0.1570*** (0.0016)	0.1556*** (0.0016)	0.1708*** (0.0016)
Grade 5	0.0007 (0.0016)	0.0008 (0.0016)	
Female	-0.0270*** (0.0016)	-0.0274*** (0.0016)	
Foreign Born	0.0723*** (0.0053)	0.0769*** (0.0053)	
Black	-0.0744*** (0.0024)		
Hispanic	-0.0453*** (0.0033)		
Asian	-0.0021 (0.0245)		
American Indian	-0.0270 (0.0181)		
Multi-Racial	-0.0181*** (0.0044)		
ESOL Enrolled	-0.0711*** (0.0044)	-0.0695*** (0.0044)	
Free/Reduced Lunch	-0.0507*** (0.0020)	-0.0645*** (0.0020)	
Gifted	0.2164*** (0.0026)	0.2195*** (0.0026)	
Prim. Lang. Not English	0.0567*** (0.0042)	0.0588*** (0.0038)	
Orthopedic Impairment	-0.1469*** (0.0394)	-0.1400*** (0.0394)	
Speech-Language Imp.	-0.0083 (0.0053)	-0.0057 (0.0053)	
Deaf	-0.1506*** (0.0258)	-0.1487*** (0.0258)	
Visual Impairment	-0.0774* (0.0258)	-0.0743* (0.0258)	

	(0.0327)	(0.0328)	
Emotional/Behav. Dis.	-0.1677***	-0.1634***	
	(0.0094)	(0.0095)	
Specific Learning Dis.	-0.1574***	-0.1549***	
	(0.0036)	(0.0036)	
Deaf and Blind	-0.1990	-0.1764	
	(0.2624)	(0.2629)	
Autism	-0.1404***	-0.1340***	
	(0.0086)	(0.0086)	
Traumatic Brain Injury	-0.3102***	-0.3015***	
	(0.0602)	(0.0604)	
Significant Dev. Delay	-0.1344***	-0.1319***	
	(0.0386)	(0.0386)	
Other Health Imp.	-0.1970***	-0.1912***	
	(0.0053)	(0.0053)	
Mild Intellectual Dis.	-0.1976***	-0.2000***	
	(0.0120)	(0.0120)	
Mod. Intellectual Dis.	-0.1163	-0.1134	
	(0.0774)	(0.0776)	
Num. Schools Attended	-0.0432***	-0.0431***	
	(0.0038)	(0.0038)	
Changed Schools	0.0086**	0.0057*	
	(0.0026)	(0.0026)	
Diff. from Modal Age	-0.0025***	-0.0024***	
	(0.0002)	(0.0002)	
Lagged Num. Disc. Inc.	-0.0048***	-0.0069***	
	(0.0010)	(0.0009)	
Lagged Pct. Present	0.0008**	-0.0004	
	(0.0003)	(0.0003)	
Constant	0.0265	0.1120***	0.0079***
	(0.0259)	(0.0258)	(0.0009)
R-Squared	0.8358	0.8351	0.8261
N	234897	234897	235812

Standard errors in parentheses

\*  $p < 0.05$ , \*\*  $p < 0.01$ , \*\*\*  $p < 0.001$

## Elementary English Language Arts Value-Added Estimates

	(1)	(2)	(3)
	All Controls	No Race/Ethnicity	Lagged Scores Only
Lagged ELA Score	0.4790*** (0.0024)	0.4790*** (0.0024)	0.5582*** (0.0024)
Lagged Math Score	0.0701*** (0.0019)	0.0706*** (0.0019)	0.0929*** (0.0019)
Lagged Science Score	0.1368*** (0.0023)	0.1391*** (0.0023)	0.1297*** (0.0023)
Lagged Soc. Stud. Score	0.1199*** (0.0021)	0.1193*** (0.0021)	0.1152*** (0.0022)
Grade 5	0.0068** (0.0021)	0.0069** (0.0021)	
Female	0.1502*** (0.0022)	0.1500*** (0.0022)	
Foreign Born	0.0585*** (0.0075)	0.0582*** (0.0074)	
Black	-0.0309*** (0.0033)		
Hispanic	-0.0060 (0.0045)		
Asian	0.0186 (0.0335)		
American Indian	-0.0084 (0.0248)		
Multi-Racial	0.0020 (0.0060)		
ESOL Enrolled	-0.0977*** (0.0061)	-0.0947*** (0.0060)	
Free/Reduced Lunch	-0.0493*** (0.0028)	-0.0543*** (0.0027)	
Gifted	0.1870*** (0.0035)	0.1880*** (0.0035)	
Prim. Lang. Not English	0.0519*** (0.0057)	0.0590*** (0.0052)	
Orthopedic Impairment	-0.1564** (0.0585)	-0.1549** (0.0585)	
Speech-Language Imp.	-0.0335*** (0.0072)	-0.0325*** (0.0072)	
Deaf	-0.1479*** (0.0397)	-0.1472*** (0.0397)	
Visual Impairment	-0.1221** (0.0459)	-0.1220** (0.0459)	

Emotional/Behav. Dis.	-0.2461 <sup>***</sup>	-0.2444 <sup>***</sup>	
	(0.0138)	(0.0138)	
Specific Learning Dis.	-0.2527 <sup>***</sup>	-0.2516 <sup>***</sup>	
	(0.0052)	(0.0052)	
Deaf and Blind	0.0886	0.1015	
	(0.5030)	(0.5031)	
Autism	-0.2386 <sup>***</sup>	-0.2360 <sup>***</sup>	
	(0.0131)	(0.0131)	
Traumatic Brain Injury	-0.3422 <sup>***</sup>	-0.3407 <sup>***</sup>	
	(0.1005)	(0.1006)	
Significant Dev. Delay	-0.2594 <sup>***</sup>	-0.2580 <sup>***</sup>	
	(0.0570)	(0.0570)	
Other Health Imp.	-0.2709 <sup>***</sup>	-0.2686 <sup>***</sup>	
	(0.0077)	(0.0077)	
Mild Intellectual Dis.	-0.3476 <sup>***</sup>	-0.3495 <sup>***</sup>	
	(0.0208)	(0.0208)	
Mod. Intellectual Dis.	-0.3076 <sup>*</sup>	-0.3078 <sup>*</sup>	
	(0.1299)	(0.1299)	
Num. Schools Attended	-0.0414 <sup>***</sup>	-0.0414 <sup>***</sup>	
	(0.0053)	(0.0053)	
Changed Schools	0.0104 <sup>**</sup>	0.0091 <sup>*</sup>	
	(0.0036)	(0.0036)	
Diff. from Modal Age	-0.0013 <sup>***</sup>	-0.0013 <sup>***</sup>	
	(0.0002)	(0.0002)	
Lagged Num. Disc. Inc.	-0.0050 <sup>***</sup>	-0.0060 <sup>***</sup>	
	(0.0013)	(0.0013)	
Lagged Pct. Present	-0.0017 <sup>***</sup>	-0.0022 <sup>***</sup>	
	(0.0004)	(0.0004)	
Constant	0.1790 <sup>***</sup>	0.2172 <sup>***</sup>	0.0173 <sup>***</sup>
	(0.0359)	(0.0357)	(0.0012)
R-Squared	0.7390	0.7389	0.7239
N	229662	229662	230545

Standard errors in parentheses

\*  $p < 0.05$ , \*\*  $p < 0.01$ , \*\*\*  $p < 0.001$



## Elementary Math Value-Added Estimates

	(1)	(2)	(3)
	All Controls	No Race/Ethnicity	Lagged Scores Only
Lagged ELA Score	0.1472*** (0.0025)	0.1470*** (0.0025)	0.1787*** (0.0024)
Lagged Math Score	0.4799*** (0.0019)	0.4818*** (0.0019)	0.5268*** (0.0019)
Lagged Science Score	0.0880*** (0.0023)	0.0945*** (0.0023)	0.1050*** (0.0024)
Lagged Soc. Stud. Score	0.0403*** (0.0022)	0.0386*** (0.0022)	0.0566*** (0.0022)
Grade 5	0.0006 (0.0022)	0.0006 (0.0022)	
Female	-0.0360*** (0.0022)	-0.0366*** (0.0022)	
Foreign Born	0.0866*** (0.0074)	0.0953*** (0.0073)	
Black	-0.0896*** (0.0033)		
Hispanic	-0.0730*** (0.0046)		
Asian	0.0057 (0.0339)		
American Indian	-0.0208 (0.0253)		
Multi-Racial	-0.0351*** (0.0061)		
ESOL Enrolled	-0.0836*** (0.0062)	-0.0850*** (0.0061)	
Free/Reduced Lunch	-0.0461*** (0.0028)	-0.0638*** (0.0028)	
Gifted	0.3110*** (0.0036)	0.3150*** (0.0036)	
Prim. Lang. Not English	0.1063*** (0.0058)	0.0997*** (0.0053)	
Orthopedic Impairment	-0.0773 (0.0602)	-0.0708 (0.0603)	
Speech-Language Imp.	-0.0173* (0.0074)	-0.0141 (0.0074)	
Deaf	-0.0694 (0.0398)	-0.0672 (0.0399)	
Visual Impairment	-0.0990* (0.0468)	-0.0951* (0.0469)	

Emotional/Behav. Dis.	-0.1993 <sup>***</sup>	-0.1945 <sup>***</sup>	
	(0.0142)	(0.0142)	
Specific Learning Dis.	-0.1601 <sup>***</sup>	-0.1568 <sup>***</sup>	
	(0.0053)	(0.0053)	
Deaf and Blind	-0.1273	-0.0849	
	(0.5110)	(0.5119)	
Autism	-0.1655 <sup>***</sup>	-0.1574 <sup>***</sup>	
	(0.0133)	(0.0134)	
Traumatic Brain Injury	-0.3949 <sup>***</sup>	-0.3853 <sup>***</sup>	
	(0.1042)	(0.1044)	
Significant Dev. Delay	-0.0636	-0.0583	
	(0.0591)	(0.0592)	
Other Health Imp.	-0.2213 <sup>***</sup>	-0.2137 <sup>***</sup>	
	(0.0079)	(0.0079)	
Mild Intellectual Dis.	-0.1546 <sup>***</sup>	-0.1583 <sup>***</sup>	
	(0.0215)	(0.0215)	
Mod. Intellectual Dis.	-0.0444	-0.0431	
	(0.1278)	(0.1280)	
Num. Schools Attended	-0.0409 <sup>***</sup>	-0.0406 <sup>***</sup>	
	(0.0053)	(0.0054)	
Changed Schools	0.0044	0.0009	
	(0.0037)	(0.0037)	
Diff. from Modal Age	-0.0038 <sup>***</sup>	-0.0037 <sup>***</sup>	
	(0.0002)	(0.0002)	
Lagged Num. Disc. Inc.	0.0009	-0.0016	
	(0.0013)	(0.0013)	
Lagged Pct. Present	0.0056 <sup>***</sup>	0.0042 <sup>***</sup>	
	(0.0004)	(0.0004)	
Constant	-0.4504 <sup>***</sup>	-0.3482 <sup>***</sup>	0.0144 <sup>***</sup>
	(0.0363)	(0.0362)	(0.0012)
R-Squared	0.7353	0.7344	0.7212
N	229917	229917	230798

Standard errors in parentheses

\*  $p < 0.05$ , \*\*  $p < 0.01$ , \*\*\*  $p < 0.001$

## Elementary Science Value-Added Estimates

	(1)	(2)	(3)
	All Controls	No Race/Ethnicity	Lagged Scores Only
Lagged ELA Score	0.2276*** (0.0026)	0.2276*** (0.0026)	0.2254*** (0.0025)
Lagged Math Score	0.1230*** (0.0020)	0.1256*** (0.0020)	0.1546*** (0.0020)
Lagged Science Score	0.3147*** (0.0024)	0.3251*** (0.0024)	0.3425*** (0.0024)
Lagged Soc. Stud. Score	0.1398*** (0.0023)	0.1371*** (0.0023)	0.1570*** (0.0023)
Grade 5	-0.0023 (0.0023)	-0.0020 (0.0023)	
Female	-0.1083*** (0.0023)	-0.1090*** (0.0023)	
Foreign Born	0.0743*** (0.0077)	0.0796*** (0.0077)	
Black	-0.1415*** (0.0035)		
Hispanic	-0.0671*** (0.0048)		
Asian	-0.0505 (0.0356)		
American Indian	-0.0574* (0.0262)		
Multi-Racial	-0.0277*** (0.0064)		
ESOL Enrolled	-0.0624*** (0.0065)	-0.0559*** (0.0064)	
Free/Reduced Lunch	-0.0440*** (0.0030)	-0.0694*** (0.0029)	
Gifted	0.2118*** (0.0038)	0.2174*** (0.0038)	
Prim. Lang. Not English	0.0254*** (0.0061)	0.0389*** (0.0056)	
Orthopedic Impairment	-0.0639 (0.0575)	-0.0501 (0.0577)	
Speech-Language Imp.	0.0107 (0.0077)	0.0155* (0.0077)	
Deaf	-0.1517*** (0.0377)	-0.1474*** (0.0378)	
Visual Impairment	-0.0870 (0.0475)	-0.0819 (0.0476)	

Emotional/Behav. Dis.	-0.0590 <sup>***</sup>	-0.0514 <sup>***</sup>	
	(0.0139)	(0.0139)	
Specific Learning Dis.	-0.0472 <sup>***</sup>	-0.0424 <sup>***</sup>	
	(0.0052)	(0.0052)	
Deaf and Blind	-0.1719	-0.1301	
	(0.3809)	(0.3823)	
Autism	0.0079	0.0201	
	(0.0125)	(0.0126)	
Traumatic Brain Injury	-0.2484 <sup>**</sup>	-0.2320 <sup>**</sup>	
	(0.0874)	(0.0878)	
Significant Dev. Delay	-0.0937	-0.0913	
	(0.0566)	(0.0568)	
Other Health Imp.	-0.0969 <sup>***</sup>	-0.0862 <sup>***</sup>	
	(0.0077)	(0.0077)	
Mild Intellectual Dis.	-0.1015 <sup>***</sup>	-0.1063 <sup>***</sup>	
	(0.0175)	(0.0176)	
Mod. Intellectual Dis.	-0.1342	-0.1292	
	(0.1124)	(0.1128)	
Num. Schools Attended	-0.0394 <sup>***</sup>	-0.0393 <sup>***</sup>	
	(0.0056)	(0.0056)	
Changed Schools	0.0169 <sup>***</sup>	0.0113 <sup>**</sup>	
	(0.0038)	(0.0038)	
Diff. from Modal Age	-0.0025 <sup>***</sup>	-0.0022 <sup>***</sup>	
	(0.0002)	(0.0002)	
Lagged Num. Disc. Inc.	-0.0048 <sup>**</sup>	-0.0089 <sup>**</sup>	
	(0.0014)	(0.0014)	
Lagged Pct. Present	-0.0011 <sup>**</sup>	-0.0034 <sup>***</sup>	
	(0.0004)	(0.0004)	
Constant	0.2737 <sup>**</sup>	0.4399 <sup>**</sup>	0.0101 <sup>***</sup>
	(0.0380)	(0.0379)	(0.0013)
R-Squared	0.7110	0.7089	0.7005
N	234008	234008	234906

Standard errors in parentheses

\*  $p < 0.05$ , \*\*  $p < 0.01$ , \*\*\*  $p < 0.001$

## Elementary Social Studies Value-Added Estimates

	(1)	(2)	(3)
	All Controls	No Race/Ethnicity	Lagged Scores Only
Lagged ELA Score	0.2623*** (0.0026)	0.2622*** (0.0026)	0.2558*** (0.0025)
Lagged Math Score	0.0433*** (0.0020)	0.0441*** (0.0020)	0.0717*** (0.0019)
Lagged Science Score	0.1779*** (0.0025)	0.1807*** (0.0024)	0.1962*** (0.0025)
Lagged Soc. Stud. Score	0.3272*** (0.0023)	0.3265*** (0.0023)	0.3484*** (0.0023)
Grade 5	0.0013 (0.0023)	0.0013 (0.0023)	
Female	-0.1148*** (0.0023)	-0.1150*** (0.0023)	
Foreign Born	0.0658*** (0.0079)	0.0697*** (0.0079)	
Black	-0.0382*** (0.0035)		
Hispanic	-0.0342*** (0.0048)		
Asian	0.0222 (0.0357)		
American Indian	-0.0109 (0.0263)		
Multi-Racial	-0.0118 (0.0064)		
ESOL Enrolled	-0.0433*** (0.0065)	-0.0446*** (0.0064)	
Free/Reduced Lunch	-0.0628*** (0.0030)	-0.0705*** (0.0029)	
Gifted	0.1505*** (0.0038)	0.1523*** (0.0038)	
Prim. Lang. Not English	0.0425*** (0.0061)	0.0380*** (0.0056)	
Orthopedic Impairment	-0.0404 (0.0574)	-0.0364 (0.0574)	
Speech-Language Imp.	0.0160* (0.0077)	0.0175* (0.0077)	
Deaf	-0.1384*** (0.0376)	-0.1376*** (0.0376)	
Visual Impairment	0.0086 (0.0478)	0.0104 (0.0478)	

Emotional/Behav. Dis.	-0.1239***	-0.1217***	
	(0.0139)	(0.0139)	
Specific Learning Dis.	-0.0977***	-0.0964***	
	(0.0052)	(0.0052)	
Deaf and Blind	-0.2057	-0.1932	
	(0.3804)	(0.3805)	
Autism	-0.0758***	-0.0724***	
	(0.0125)	(0.0125)	
Traumatic Brain Injury	-0.2303**	-0.2258**	
	(0.0873)	(0.0873)	
Significant Dev. Delay	-0.0766	-0.0751	
	(0.0565)	(0.0565)	
Other Health Imp.	-0.1254***	-0.1222***	
	(0.0077)	(0.0077)	
Mild Intellectual Dis.	-0.0915***	-0.0924***	
	(0.0175)	(0.0175)	
Mod. Intellectual Dis.	-0.0282	-0.0266	
	(0.1123)	(0.1123)	
Num. Schools Attended	-0.0457***	-0.0456***	
	(0.0056)	(0.0056)	
Changed Schools	0.0035	0.0020	
	(0.0038)	(0.0038)	
Diff. from Modal Age	-0.0024***	-0.0023***	
	(0.0002)	(0.0002)	
Lagged Num. Disc. Inc.	-0.0106***	-0.0116***	
	(0.0014)	(0.0014)	
Lagged Pct. Present	0.0004	-0.0002	
	(0.0004)	(0.0004)	
Constant	0.0964*	0.1403***	0.0013
	(0.0382)	(0.0379)	(0.0013)
R-Squared	0.7123	0.7121	0.7053
N	232961	232961	233857

Standard errors in parentheses

\*  $p < 0.05$ , \*\*  $p < 0.01$ , \*\*\*  $p < 0.001$

## Middle School All-Subjects Value-Added Estimates

	(1)	(2)	(3)
	All Controls	No Race/Ethnicity	Lagged Scores Only
Lagged ELA Score	0.2203*** (0.0013)	0.2200*** (0.0013)	0.2512*** (0.0012)
Lagged Math Score	0.2121*** (0.0011)	0.2144*** (0.0011)	0.2510*** (0.0011)
Lagged Science Score	0.1900*** (0.0012)	0.1939*** (0.0012)	0.2010*** (0.0013)
Lagged Soc. Stud. Score	0.1835*** (0.0012)	0.1828*** (0.0012)	0.1927*** (0.0012)
Grade 7	-0.0053* (0.0024)	-0.0067** (0.0024)	
Grade 8	-0.0070** (0.0025)	-0.0091*** (0.0025)	
Female	0.0137*** (0.0013)	0.0131*** (0.0013)	
Foreign Born	0.0481*** (0.0035)	0.0503*** (0.0035)	
Black	-0.0640*** (0.0018)		
Hispanic	-0.0378*** (0.0025)		
Asian	-0.0198 (0.0187)		
American Indian	-0.0216 (0.0139)		
Multi-Racial	-0.0115*** (0.0034)		
ESOL Enrolled	-0.0592*** (0.0038)	-0.0558*** (0.0038)	
Free/Reduced Lunch	-0.0437*** (0.0015)	-0.0565*** (0.0015)	
Gifted	0.2065*** (0.0020)	0.2094*** (0.0020)	
Prim. Lang. Not English	0.0317*** (0.0028)	0.0337*** (0.0024)	
Orthopedic Impairment	-0.1023*** (0.0306)	-0.0959** (0.0307)	
Speech-Language Imp.	-0.0027 (0.0066)	-0.0025 (0.0067)	
Deaf	-0.0283 (0.0198)	-0.0263 (0.0198)	

Visual Impairment	-0.0321	-0.0298	
	(0.0276)	(0.0277)	
Emotional/Behav. Dis.	-0.0892***	-0.0848***	
	(0.0064)	(0.0064)	
Specific Learning Dis.	-0.1157***	-0.1140***	
	(0.0027)	(0.0027)	
Autism	-0.0581***	-0.0518***	
	(0.0069)	(0.0069)	
Traumatic Brain Injury	-0.1682***	-0.1681***	
	(0.0422)	(0.0423)	
Other Health Imp.	-0.1282***	-0.1220***	
	(0.0041)	(0.0041)	
Mild Intellectual Dis.	-0.1257***	-0.1271***	
	(0.0092)	(0.0092)	
Mod. Intellectual Dis.	-0.1119	-0.1189	
	(0.0748)	(0.0749)	
Sev. Intellectual Dis.	-0.0846	-0.0718	
	(0.3500)	(0.3507)	
Num. Schools Attended	-0.0366***	-0.0374***	
	(0.0029)	(0.0029)	
Changed Schools	0.0033	0.0014	
	(0.0023)	(0.0023)	
Diff. from Modal Age	-0.0035***	-0.0033***	
	(0.0001)	(0.0001)	
Lagged Num. Disc. Inc.	-0.0066***	-0.0084***	
	(0.0004)	(0.0004)	
Lagged Pct. Present	0.0011***	0.0000	
	(0.0002)	(0.0002)	
Constant	-0.0378*	0.0474**	0.0133***
	(0.0180)	(0.0179)	(0.0010)
R-Squared	0.8529	0.8524	0.8451
N	353712	353712	355216

Standard errors in parentheses

\*  $p < 0.05$ , \*\*  $p < 0.01$ , \*\*\*  $p < 0.001$



## Middle School English Language Arts Value-Added Estimates

	(1)	(2)	(3)
	All Controls	No Race/Ethnicity	Lagged Scores Only
Lagged ELA Score	0.4555*** (0.0018)	0.4555*** (0.0018)	0.5526*** (0.0018)
Lagged Math Score	0.1035*** (0.0016)	0.1046*** (0.0016)	0.1418*** (0.0016)
Lagged Science Score	0.1177*** (0.0018)	0.1199*** (0.0018)	0.1030*** (0.0018)
Lagged Soc. Stud. Score	0.1224*** (0.0017)	0.1220*** (0.0017)	0.1001*** (0.0017)
Grade 7	-0.0070* (0.0035)	-0.0077* (0.0035)	
Grade 8	-0.0117** (0.0036)	-0.0129*** (0.0036)	
Female	0.2288*** (0.0018)	0.2284*** (0.0018)	
Foreign Born	0.0352*** (0.0051)	0.0345*** (0.0051)	
Black	-0.0355*** (0.0026)		
Hispanic	-0.0022 (0.0035)		
Asian	0.0139 (0.0265)		
American Indian	0.0138 (0.0199)		
Multi-Racial	0.0090 (0.0049)		
ESOL Enrolled	-0.1225*** (0.0055)	-0.1194*** (0.0055)	
Free/Reduced Lunch	-0.0485*** (0.0022)	-0.0543*** (0.0021)	
Gifted	0.1896*** (0.0028)	0.1909*** (0.0028)	
Prim. Lang. Not English	0.0153*** (0.0040)	0.0275*** (0.0034)	
Orthopedic Impairment	-0.1296** (0.0476)	-0.1267** (0.0477)	
Speech-Language Imp.	-0.0650*** (0.0095)	-0.0649*** (0.0095)	
Deaf	-0.0770* (0.0310)	-0.0760* (0.0310)	

Visual Impairment	-0.0576	-0.0564	
	(0.0393)	(0.0393)	
Emotional/Behav. Dis.	-0.1579***	-0.1552***	
	(0.0099)	(0.0099)	
Specific Learning Dis.	-0.2143***	-0.2136***	
	(0.0042)	(0.0042)	
Autism	-0.1406***	-0.1371***	
	(0.0110)	(0.0110)	
Traumatic Brain Injury	-0.2274**	-0.2279**	
	(0.0704)	(0.0704)	
Other Health Imp.	-0.1998***	-0.1967***	
	(0.0063)	(0.0063)	
Mild Intellectual Dis.	-0.3347***	-0.3371***	
	(0.0187)	(0.0188)	
Mod. Intellectual Dis.	-0.1938	-0.1961	
	(0.1865)	(0.1866)	
Sev. Intellectual Dis.	-0.2723	-0.2663	
	(0.4923)	(0.4925)	
Num. Schools Attended	-0.0368***	-0.0373***	
	(0.0041)	(0.0041)	
Changed Schools	0.0025	0.0014	
	(0.0033)	(0.0033)	
Diff. from Modal Age	-0.0037***	-0.0036***	
	(0.0002)	(0.0002)	
Lagged Num. Disc. Inc.	-0.0079***	-0.0089***	
	(0.0006)	(0.0006)	
Lagged Pct. Present	-0.0013***	-0.0019***	
	(0.0003)	(0.0003)	
Constant	0.1154***	0.1656***	0.0379***
	(0.0259)	(0.0257)	(0.0013)
R-Squared	0.7427	0.7425	0.7207
N	344306	344306	345717

Standard errors in parentheses

\*  $p < 0.05$ , \*\*  $p < 0.01$ , \*\*\*  $p < 0.001$

Middle School Math Value-Added Estimates

	(1)	(2)	(3)
	All Controls	No Race/Ethnicity	Lagged Scores Only
Lagged ELA Score	0.0819*** (0.0018)	0.0814*** (0.0018)	0.1120*** (0.0017)
Lagged Math Score	0.4928*** (0.0015)	0.4963*** (0.0016)	0.5472*** (0.0015)
Lagged Science Score	0.1110*** (0.0018)	0.1167*** (0.0018)	0.1257*** (0.0018)
Lagged Soc. Stud. Score	0.0810*** (0.0017)	0.0800*** (0.0017)	0.0932*** (0.0017)
Grade 7	-0.0116*** (0.0035)	-0.0137*** (0.0035)	
Grade 8	-0.0105** (0.0036)	-0.0136*** (0.0036)	
Female	0.0104*** (0.0018)	0.0096*** (0.0018)	
Foreign Born	0.0695*** (0.0050)	0.0738*** (0.0050)	
Black	-0.0960*** (0.0026)		
Hispanic	-0.0667*** (0.0035)		
Asian	-0.0380 (0.0266)		
American Indian	-0.0356 (0.0197)		
Multi-Racial	-0.0358*** (0.0049)		
ESOL Enrolled	-0.0281*** (0.0054)	-0.0236*** (0.0054)	
Free/Reduced Lunch	-0.0363*** (0.0022)	-0.0561*** (0.0021)	
Gifted	0.3019*** (0.0028)	0.3064*** (0.0028)	
Prim. Lang. Not English	0.0535*** (0.0040)	0.0508*** (0.0034)	
Orthopedic Impairment	-0.0752 (0.0504)	-0.0653 (0.0505)	
Speech-Language Imp.	0.0073 (0.0095)	0.0080 (0.0095)	
Deaf	0.0423 (0.0310)	0.0441 (0.0310)	

Visual Impairment	-0.1048*	-0.1024*	
	(0.0409)	(0.0410)	
Emotional/Behav. Dis.	-0.0924***	-0.0849***	
	(0.0103)	(0.0103)	
Specific Learning Dis.	-0.0875***	-0.0843***	
	(0.0043)	(0.0043)	
Autism	-0.0502***	-0.0390***	
	(0.0114)	(0.0114)	
Traumatic Brain Injury	-0.1151	-0.1133	
	(0.0777)	(0.0778)	
Other Health Imp.	-0.1306***	-0.1208***	
	(0.0066)	(0.0066)	
Mild Intellectual Dis.	-0.0572**	-0.0612**	
	(0.0198)	(0.0198)	
Mod. Intellectual Dis.	0.1004	0.0860	
	(0.1738)	(0.1742)	
Sev. Intellectual Dis.	0.2327	0.2529	
	(0.4907)	(0.4918)	
Num. Schools Attended	-0.0329***	-0.0341***	
	(0.0041)	(0.0042)	
Changed Schools	0.0034	0.0007	
	(0.0033)	(0.0033)	
Diff. from Modal Age	-0.0039***	-0.0037***	
	(0.0002)	(0.0002)	
Lagged Num. Disc. Inc.	-0.0011	-0.0036***	
	(0.0006)	(0.0006)	
Lagged Pct. Present	0.0048***	0.0032***	
	(0.0003)	(0.0003)	
Constant	-0.4002***	-0.2715***	0.0243***
	(0.0260)	(0.0258)	(0.0013)
R-Squared	0.7536	0.7525	0.7416
N	342586	342586	343998

Standard errors in parentheses

\*  $p < 0.05$ , \*\*  $p < 0.01$ , \*\*\*  $p < 0.001$

## Middle School Science Value-Added Estimates

	(1)	(2)	(3)
	All Controls	No Race/Ethnicity	Lagged Scores Only
Lagged ELA Score	0.1608*** (0.0019)	0.1603*** (0.0019)	0.1502*** (0.0018)
Lagged Math Score	0.1589*** (0.0017)	0.1628*** (0.0017)	0.1900*** (0.0016)
Lagged Science Score	0.3286*** (0.0019)	0.3355*** (0.0019)	0.3545*** (0.0019)
Lagged Soc. Stud. Score	0.1786*** (0.0018)	0.1773*** (0.0018)	0.2008*** (0.0018)
Grade 7	-0.0063 (0.0037)	-0.0088* (0.0037)	
Grade 8	-0.0054 (0.0038)	-0.0091* (0.0038)	
Female	-0.1017*** (0.0019)	-0.1026*** (0.0019)	
Foreign Born	0.0493*** (0.0053)	0.0521*** (0.0053)	
Black	-0.1135*** (0.0027)		
Hispanic	-0.0557*** (0.0038)		
Asian	-0.0623* (0.0282)		
American Indian	-0.0510* (0.0210)		
Multi-Racial	-0.0179*** (0.0052)		
ESOL Enrolled	-0.0281*** (0.0057)	-0.0215*** (0.0057)	
Free/Reduced Lunch	-0.0374*** (0.0023)	-0.0594*** (0.0023)	
Gifted	0.1813*** (0.0030)	0.1863*** (0.0030)	
Prim. Lang. Not English	0.0034 (0.0043)	0.0140*** (0.0036)	
Orthopedic Impairment	-0.0474 (0.0470)	-0.0363 (0.0472)	
Speech-Language Imp.	0.0306** (0.0100)	0.0309** (0.0101)	
Deaf	-0.0186 (0.0299)	-0.0150 (0.0300)	

Visual Impairment	0.0326	0.0367	
	(0.0416)	(0.0417)	
Emotional/Behav. Dis.	0.0080	0.0156	
	(0.0099)	(0.0099)	
Specific Learning Dis.	-0.0205***	-0.0178***	
	(0.0041)	(0.0041)	
Autism	0.0723***	0.0832***	
	(0.0104)	(0.0104)	
Traumatic Brain Injury	-0.0764	-0.0758	
	(0.0640)	(0.0642)	
Other Health Imp.	-0.0315***	-0.0209***	
	(0.0062)	(0.0062)	
Mild Intellectual Dis.	0.0125	0.0096	
	(0.0140)	(0.0140)	
Mod. Intellectual Dis.	-0.0002	-0.0123	
	(0.1126)	(0.1129)	
Sev. Intellectual Dis.	-0.3515	-0.3290	
	(0.5273)	(0.5287)	
Num. Schools Attended	-0.0329***	-0.0345***	
	(0.0044)	(0.0044)	
Changed Schools	0.0043	0.0009	
	(0.0035)	(0.0035)	
Diff. from Modal Age	-0.0025***	-0.0023***	
	(0.0002)	(0.0002)	
Lagged Num. Disc. Inc.	-0.0074***	-0.0105***	
	(0.0007)	(0.0007)	
Lagged Pct. Present	0.0005	-0.0015***	
	(0.0003)	(0.0003)	
Constant	0.0851**	0.2408***	0.0075***
	(0.0276)	(0.0274)	(0.0014)
R-Squared	0.7211	0.7197	0.7133
N	351936	351936	353389

Standard errors in parentheses

\*  $p < 0.05$ , \*\*  $p < 0.01$ , \*\*\*  $p < 0.001$

## Middle School Social Studies Value-Added Estimates

	(1)	(2)	(3)
	All Controls	No Race/Ethnicity	Lagged Scores Only
Lagged ELA Score	0.1861*** (0.0019)	0.1859*** (0.0019)	0.1824*** (0.0018)
Lagged Math Score	0.0953*** (0.0016)	0.0959*** (0.0016)	0.1218*** (0.0016)
Lagged Science Score	0.2025*** (0.0019)	0.2031*** (0.0018)	0.2188*** (0.0018)
Lagged Soc. Stud. Score	0.3511*** (0.0018)	0.3510*** (0.0018)	0.3731*** (0.0018)
Grade 7	-0.0006 (0.0036)	-0.0009 (0.0036)	
Grade 8	-0.0084* (0.0038)	-0.0088* (0.0038)	
Female	-0.0829*** (0.0019)	-0.0830*** (0.0019)	
Foreign Born	0.0490*** (0.0053)	0.0514*** (0.0053)	
Black	-0.0119*** (0.0027)		
Hispanic	-0.0269*** (0.0037)		
Asian	0.0283 (0.0277)		
American Indian	-0.0140 (0.0207)		
Multi-Racial	-0.0005 (0.0051)		
ESOL Enrolled	-0.0519*** (0.0056)	-0.0526*** (0.0056)	
Free/Reduced Lunch	-0.0502*** (0.0023)	-0.0537*** (0.0022)	
Gifted	0.1480*** (0.0029)	0.1489*** (0.0029)	
Prim. Lang. Not English	0.0528*** (0.0042)	0.0408*** (0.0035)	
Orthopedic Impairment	-0.0307 (0.0462)	-0.0292 (0.0462)	
Speech-Language Imp.	0.0344*** (0.0098)	0.0346*** (0.0098)	
Deaf	0.0484 (0.0293)	0.0485 (0.0293)	

Visual Impairment	0.0101	0.0105	
	(0.0411)	(0.0411)	
Emotional/Behav. Dis.	-0.0374***	-0.0361***	
	(0.0097)	(0.0097)	
Specific Learning Dis.	-0.0656***	-0.0651***	
	(0.0040)	(0.0040)	
Autism	0.0479***	0.0495***	
	(0.0102)	(0.0102)	
Traumatic Brain Injury	-0.1070	-0.1063	
	(0.0632)	(0.0632)	
Other Health Imp.	-0.0657***	-0.0640***	
	(0.0061)	(0.0061)	
Mild Intellectual Dis.	0.0013	0.0017	
	(0.0137)	(0.0137)	
Mod. Intellectual Dis.	0.0753	0.0740	
	(0.1103)	(0.1103)	
Sev. Intellectual Dis.	0.0542	0.0567	
	(0.5164)	(0.5164)	
Num. Schools Attended	-0.0440***	-0.0440***	
	(0.0043)	(0.0043)	
Changed Schools	0.0017	0.0014	
	(0.0034)	(0.0034)	
Diff. from Modal Age	-0.0035***	-0.0035***	
	(0.0002)	(0.0002)	
Lagged Num. Disc. Inc.	-0.0107***	-0.0109***	
	(0.0007)	(0.0007)	
Lagged Pct. Present	0.0005	0.0003	
	(0.0003)	(0.0003)	
Constant	0.0495	0.0652*	-0.0011
	(0.0272)	(0.0270)	(0.0014)
R-Squared	0.7331	0.7330	0.7283
N	350396	350396	351838

Standard errors in parentheses

\*  $p < 0.05$ , \*\*  $p < 0.01$ , \*\*\*  $p < 0.001$



## High School 9th Grade Literature Value-Added Estimates

	(1)	(2)	(3)
	All Controls	No Race/Ethnicity	Lagged Scores Only
Grade 8 Math Score	0.0801*** (0.0029)	0.0805*** (0.0028)	0.1158*** (0.0029)
Grade 8 ELA Score	0.2360*** (0.0030)	0.2362*** (0.0030)	0.3002*** (0.0030)
Grade 8 Reading Score	0.1673*** (0.0027)	0.1680*** (0.0027)	0.2022*** (0.0028)
Grade 8 Science Score	0.1291*** (0.0033)	0.1306*** (0.0033)	0.1147*** (0.0033)
Grade 8 Soc. Stud. Score	0.1656*** (0.0030)	0.1655*** (0.0030)	0.1655*** (0.0031)
Female	0.1964*** (0.0033)	0.1960*** (0.0033)	
Foreign Born	-0.0054 (0.0085)	-0.0055 (0.0085)	
Black	-0.0300*** (0.0046)		
Hispanic	0.0048 (0.0066)		
Asian	-0.0469 (0.0526)		
American Indian	-0.0007 (0.0371)		
Multi-Racial	0.0080 (0.0094)		
ESOL Enrolled	-0.1040*** (0.0113)	-0.1019*** (0.0113)	
Free/Reduced Lunch	-0.0504*** (0.0039)	-0.0548*** (0.0038)	
Gifted	0.1515*** (0.0055)	0.1523*** (0.0055)	
Prim. Lang. Not English	0.0182* (0.0076)	0.0326*** (0.0065)	
Orthopedic Impairment	-0.3305*** (0.0731)	-0.3306*** (0.0731)	
Speech-Language Imp.	-0.1064*** (0.0277)	-0.1069*** (0.0277)	
Deaf	-0.2138*** (0.0471)	-0.2117*** (0.0471)	
Visual Impairment	-0.2335* (0.1034)	-0.2376* (0.1034)	

Emotional/Behav. Dis.	-0.2313 <sup>***</sup>	-0.2285 <sup>***</sup>	
	(0.0161)	(0.0161)	
Specific Learning Dis.	-0.2493 <sup>***</sup>	-0.2480 <sup>***</sup>	
	(0.0073)	(0.0073)	
Deaf and Blind	-0.1813	-0.1721	
	(0.5269)	(0.5270)	
Autism	-0.2030 <sup>***</sup>	-0.2002 <sup>***</sup>	
	(0.0201)	(0.0201)	
Traumatic Brain Injury	-0.3374 <sup>**</sup>	-0.3341 <sup>**</sup>	
	(0.1151)	(0.1152)	
Other Health Imp.	-0.2429 <sup>***</sup>	-0.2402 <sup>***</sup>	
	(0.0109)	(0.0109)	
Mild Intellectual Dis.	-0.4200 <sup>***</sup>	-0.4219 <sup>***</sup>	
	(0.0249)	(0.0249)	
Mod. Intellectual Dis.	-0.4529	-0.4520	
	(0.3046)	(0.3046)	
Num. Schools Attended	-0.0848 <sup>***</sup>	-0.0856 <sup>***</sup>	
	(0.0079)	(0.0079)	
Changed Schools	0.0216 <sup>**</sup>	0.0221 <sup>**</sup>	
	(0.0082)	(0.0082)	
Diff. from Modal Age	-0.0064 <sup>***</sup>	-0.0064 <sup>***</sup>	
	(0.0003)	(0.0003)	
Lagged Num. Disc. Inc.	-0.0244 <sup>***</sup>	-0.0253 <sup>***</sup>	
	(0.0011)	(0.0011)	
Lagged Pct. Present	0.0022 <sup>***</sup>	0.0018 <sup>***</sup>	
	(0.0004)	(0.0004)	
Constant	-0.1508 <sup>***</sup>	-0.1180 <sup>**</sup>	0.0276 <sup>***</sup>
	(0.0402)	(0.0399)	(0.0024)
R-Squared	0.7152	0.7151	0.6917
N	116921	116921	117456

Standard errors in parentheses

\*  $p < 0.05$ , \*\*  $p < 0.01$ , \*\*\*  $p < 0.001$

## High School American Literature Value-Added Estimates

	(1)	(2)	(3)
	All Controls	No Race/Ethnicity	Lagged Scores Only
Grade 8 Math Score	0.0741*** (0.0033)	0.0742*** (0.0033)	0.1208*** (0.0033)
Grade 8 ELA Score	0.1908*** (0.0033)	0.1902*** (0.0034)	0.2628*** (0.0034)
Grade 8 Reading Score	0.1744*** (0.0031)	0.1757*** (0.0031)	0.2104*** (0.0031)
Grade 8 Science Score	0.1311*** (0.0037)	0.1391*** (0.0037)	0.1135*** (0.0037)
Grade 8 Soc. Stud. Score	0.1746*** (0.0035)	0.1755*** (0.0035)	0.1810*** (0.0036)
Female	0.2078*** (0.0040)	0.2078*** (0.0040)	
Foreign Born	0.0379*** (0.0099)	0.0410*** (0.0100)	
Black	-0.1039*** (0.0056)		
Hispanic	-0.0300*** (0.0080)		
Asian	-0.0488 (0.0592)		
American Indian	-0.0248 (0.0423)		
Multi-Racial	-0.0220 (0.0118)		
ESOL Enrolled	-0.0568** (0.0178)	-0.0463** (0.0178)	
Free/Reduced Lunch	-0.0308*** (0.0047)	-0.0495*** (0.0045)	
Gifted	0.2065*** (0.0065)	0.2111*** (0.0065)	
Prim. Lang. Not English	0.0162 (0.0094)	0.0379*** (0.0083)	
Orthopedic Impairment	-0.2268** (0.0812)	-0.2124** (0.0813)	
Speech-Language Imp.	-0.1912*** (0.0503)	-0.1948*** (0.0504)	
Deaf	-0.2012*** (0.0589)	-0.1991*** (0.0590)	
Visual Impairment	0.0827 (0.0914)	0.0912 (0.0915)	

Emotional/Behav. Dis.	-0.1834 <sup>***</sup>	-0.1737 <sup>***</sup>	
	(0.0210)	(0.0210)	
Specific Learning Dis.	-0.2230 <sup>***</sup>	-0.2179 <sup>***</sup>	
	(0.0096)	(0.0096)	
Autism	-0.1268 <sup>***</sup>	-0.1140 <sup>***</sup>	
	(0.0260)	(0.0260)	
Traumatic Brain Injury	-0.4549 <sup>**</sup>	-0.4579 <sup>**</sup>	
	(0.1418)	(0.1421)	
Other Health Imp.	-0.2678 <sup>***</sup>	-0.2579 <sup>***</sup>	
	(0.0137)	(0.0137)	
Mild Intellectual Dis.	-0.4318 <sup>***</sup>	-0.4359 <sup>***</sup>	
	(0.0318)	(0.0318)	
Mod. Intellectual Dis.	-0.9275	-0.9401	
	(0.5853)	(0.5863)	
Num. Schools Attended	-0.0870 <sup>***</sup>	-0.0873 <sup>***</sup>	
	(0.0114)	(0.0114)	
Changed Schools	0.0020	-0.0030	
	(0.0085)	(0.0085)	
Diff. from Modal Age	-0.0096 <sup>***</sup>	-0.0095 <sup>***</sup>	
	(0.0003)	(0.0003)	
Lagged Num. Disc. Inc.	-0.0322 <sup>***</sup>	-0.0351 <sup>***</sup>	
	(0.0014)	(0.0014)	
Lagged Pct. Present	0.0057 <sup>***</sup>	0.0046 <sup>***</sup>	
	(0.0004)	(0.0004)	
Constant	-0.5461 <sup>***</sup>	-0.4809 <sup>***</sup>	-0.0688 <sup>***</sup>
	(0.0449)	(0.0449)	(0.0027)
R-Squared	0.6573	0.6560	0.6255
N	98692	98692	99027

Standard errors in parentheses

\*  $p < 0.05$ , \*\*  $p < 0.01$ , \*\*\*  $p < 0.001$

## High School Analytic Geometry Value-Added Estimates

	(1)	(2)	(3)
	All Controls	No Race/Ethnicity	Lagged Scores Only
Grade 8 Math Score	0.4131*** (0.0028)	0.4146*** (0.0028)	0.4666*** (0.0028)
Grade 8 ELA Score	0.0573*** (0.0030)	0.0561*** (0.0030)	0.0872*** (0.0029)
Grade 8 Reading Score	-0.0033 (0.0026)	-0.0017 (0.0026)	0.0068* (0.0027)
Grade 8 Science Score	0.1954*** (0.0033)	0.2018*** (0.0033)	0.2154*** (0.0033)
Grade 8 Soc. Stud. Score	0.0465*** (0.0031)	0.0479*** (0.0031)	0.0640*** (0.0031)
Female	0.0111** (0.0034)	0.0105** (0.0034)	
Foreign Born	0.0514*** (0.0085)	0.0537*** (0.0086)	
Black	-0.1028*** (0.0048)		
Hispanic	-0.0863*** (0.0068)		
Asian	0.0275 (0.0504)		
American Indian	-0.0744* (0.0362)		
Multi-Racial	-0.0371*** (0.0098)		
ESOL Enrolled	0.0711*** (0.0130)	0.0805*** (0.0130)	
Free/Reduced Lunch	-0.0321*** (0.0040)	-0.0537*** (0.0039)	
Gifted	0.3142*** (0.0055)	0.3199*** (0.0056)	
Prim. Lang. Not English	0.0414*** (0.0080)	0.0296*** (0.0069)	
Orthopedic Impairment	-0.1407 (0.0755)	-0.1251 (0.0757)	
Speech-Language Imp.	0.0260 (0.0373)	0.0286 (0.0374)	
Deaf	-0.0212 (0.0492)	-0.0189 (0.0493)	
Visual Impairment	-0.1426* (0.0727)	-0.1465* (0.0729)	

Emotional/Behav. Dis.	-0.0924 <sup>***</sup>	-0.0805 <sup>***</sup>	
	(0.0179)	(0.0179)	
Specific Learning Dis.	-0.0636 <sup>***</sup>	-0.0591 <sup>***</sup>	
	(0.0080)	(0.0080)	
Deaf and Blind	0.1461	0.1223	
	(0.3772)	(0.3781)	
Autism	-0.0892 <sup>***</sup>	-0.0766 <sup>***</sup>	
	(0.0218)	(0.0218)	
Traumatic Brain Injury	-0.0507	-0.0343	
	(0.1165)	(0.1168)	
Other Health Imp.	-0.1115 <sup>***</sup>	-0.0988 <sup>***</sup>	
	(0.0117)	(0.0117)	
Mild Intellectual Dis.	0.0151	0.0140	
	(0.0271)	(0.0272)	
Mod. Intellectual Dis.	0.7044	0.7067	
	(0.5372)	(0.5384)	
Sev. Intellectual Dis.	0.1439	0.1190	
	(0.3776)	(0.3784)	
Num. Schools Attended	-0.0829 <sup>***</sup>	-0.0845 <sup>***</sup>	
	(0.0090)	(0.0091)	
Changed Schools	0.0659 <sup>***</sup>	0.0638 <sup>***</sup>	
	(0.0051)	(0.0051)	
Diff. from Modal Age	-0.0047 <sup>***</sup>	-0.0046 <sup>***</sup>	
	(0.0002)	(0.0002)	
Lagged Num. Disc. Inc.	-0.0133 <sup>***</sup>	-0.0160 <sup>***</sup>	
	(0.0011)	(0.0011)	
Lagged Pct. Present	0.0071 <sup>***</sup>	0.0060 <sup>***</sup>	
	(0.0004)	(0.0004)	
Constant	-0.6432 <sup>***</sup>	-0.5676 <sup>***</sup>	-0.0575 <sup>***</sup>
	(0.0415)	(0.0414)	(0.0023)
R-Squared	0.7138	0.7125	0.6981
N	112455	112455	112860

Standard errors in parentheses

\*  $p < 0.05$ , \*\*  $p < 0.01$ , \*\*\*  $p < 0.001$

## High School Biology Value-Added Estimates

	(1)	(2)	(3)
	All Controls	No Race/Ethnicity	Lagged Scores Only
Grade 8 Math Score	0.1517*** (0.0028)	0.1533*** (0.0028)	0.1807*** (0.0027)
Grade 8 ELA Score	0.0568*** (0.0029)	0.0567*** (0.0029)	0.0578*** (0.0029)
Grade 8 Reading Score	0.0870*** (0.0027)	0.0882*** (0.0027)	0.0865*** (0.0027)
Grade 8 Science Score	0.3119*** (0.0032)	0.3170*** (0.0032)	0.3356*** (0.0032)
Grade 8 Soc. Stud. Score	0.2277*** (0.0030)	0.2281*** (0.0030)	0.2464*** (0.0030)
Female	-0.0622*** (0.0033)	-0.0630*** (0.0033)	
Foreign Born	0.0214* (0.0084)	0.0225** (0.0084)	
Black	-0.0876*** (0.0046)		
Hispanic	-0.0559*** (0.0065)		
Asian	-0.0181 (0.0513)		
American Indian	0.0440 (0.0352)		
Multi-Racial	-0.0088 (0.0095)		
ESOL Enrolled	0.0131 (0.0115)	0.0215 (0.0115)	
Free/Reduced Lunch	-0.0290*** (0.0039)	-0.0464*** (0.0038)	
Gifted	0.1983*** (0.0054)	0.2025*** (0.0054)	
Prim. Lang. Not English	-0.0066 (0.0076)	-0.0060 (0.0065)	
Orthopedic Impairment	-0.2162** (0.0678)	-0.2165** (0.0679)	
Speech-Language Imp.	0.0523 (0.0296)	0.0514 (0.0296)	
Deaf	0.0098 (0.0474)	0.0203 (0.0475)	
Visual Impairment	-0.0650 (0.0824)	-0.0728 (0.0826)	

Emotional/Behav. Dis.	0.0732***	0.0826***	
	(0.0165)	(0.0165)	
Specific Learning Dis.	-0.0144	-0.0104	
	(0.0074)	(0.0074)	
Deaf and Blind	-0.2107	-0.2270	
	(0.3680)	(0.3686)	
Autism	0.2240***	0.2341***	
	(0.0208)	(0.0208)	
Traumatic Brain Injury	-0.0428	-0.0304	
	(0.1111)	(0.1112)	
Other Health Imp.	0.0037	0.0133	
	(0.0111)	(0.0111)	
Mild Intellectual Dis.	0.1068***	0.1023***	
	(0.0257)	(0.0258)	
Mod. Intellectual Dis.	0.3388	0.3267	
	(0.2611)	(0.2616)	
Num. Schools Attended	-0.0587***	-0.0603***	
	(0.0080)	(0.0080)	
Changed Schools	-0.0183***	-0.0173**	
	(0.0053)	(0.0053)	
Diff. from Modal Age	-0.0031***	-0.0030***	
	(0.0002)	(0.0002)	
Lagged Num. Disc. Inc.	-0.0161***	-0.0183***	
	(0.0010)	(0.0010)	
Lagged Pct. Present	0.0026***	0.0015***	
	(0.0004)	(0.0004)	
Constant	-0.0972*	-0.0209	0.0098***
	(0.0390)	(0.0388)	(0.0023)
R-Squared	0.7290	0.7280	0.7216
N	116038	116038	116574

Standard errors in parentheses

\*  $p < 0.05$ , \*\*  $p < 0.01$ , \*\*\*  $p < 0.001$



## High School Coordinate Algebra Value-Added Estimates

	(1)	(2)	(3)
	All Controls	No Race/Ethnicity	Lagged Scores Only
Grade 8 Math Score	0.4578*** (0.0028)	0.4594*** (0.0028)	0.4945*** (0.0028)
Grade 8 ELA Score	0.0546*** (0.0028)	0.0546*** (0.0028)	0.0714*** (0.0028)
Grade 8 Reading Score	0.0325*** (0.0026)	0.0337*** (0.0026)	0.0413*** (0.0026)
Grade 8 Science Score	0.1634*** (0.0031)	0.1680*** (0.0031)	0.1774*** (0.0031)
Grade 8 Soc. Stud. Score	0.0645*** (0.0028)	0.0646*** (0.0029)	0.0812*** (0.0029)
Female	-0.0086** (0.0030)	-0.0097** (0.0030)	
Foreign Born	0.0205** (0.0078)	0.0227** (0.0078)	
Black	-0.0828*** (0.0042)		
Hispanic	-0.0686*** (0.0061)		
Asian	0.0054 (0.0502)		
American Indian	0.0189 (0.0332)		
Multi-Racial	-0.0320*** (0.0087)		
ESOL Enrolled	0.0004 (0.0098)	0.0079 (0.0098)	
Free/Reduced Lunch	-0.0358*** (0.0035)	-0.0528*** (0.0034)	
Gifted	0.2604*** (0.0054)	0.2649*** (0.0054)	
Prim. Lang. Not English	0.0056 (0.0072)	-0.0054 (0.0060)	
Orthopedic Impairment	-0.1850** (0.0652)	-0.1798** (0.0653)	
Speech-Language Imp.	0.0154 (0.0250)	0.0143 (0.0250)	
Deaf	0.0030 (0.0410)	0.0100 (0.0410)	
Visual Impairment	-0.1559 (0.0839)	-0.1592 (0.0840)	

Emotional/Behav. Dis.	-0.0480 <sup>***</sup>	-0.0396 <sup>**</sup>	
	(0.0140)	(0.0141)	
Specific Learning Dis.	-0.0876 <sup>***</sup>	-0.0843 <sup>***</sup>	
	(0.0064)	(0.0064)	
Deaf and Blind	0.4197	0.4522	
	(0.4743)	(0.4752)	
Autism	-0.0388 <sup>*</sup>	-0.0296	
	(0.0177)	(0.0178)	
Traumatic Brain Injury	-0.0187	-0.0075	
	(0.0970)	(0.0972)	
Other Health Imp.	-0.1149 <sup>***</sup>	-0.1063 <sup>***</sup>	
	(0.0095)	(0.0095)	
Mild Intellectual Dis.	-0.0529 <sup>*</sup>	-0.0544 <sup>*</sup>	
	(0.0220)	(0.0221)	
Mod. Intellectual Dis.	-0.3076	-0.3247	
	(0.2382)	(0.2386)	
Num. Schools Attended	-0.0474 <sup>***</sup>	-0.0490 <sup>***</sup>	
	(0.0070)	(0.0070)	
Changed Schools	-0.0139 <sup>*</sup>	-0.0125 <sup>*</sup>	
	(0.0054)	(0.0054)	
Diff. from Modal Age	-0.0043 <sup>***</sup>	-0.0042 <sup>***</sup>	
	(0.0002)	(0.0002)	
Lagged Num. Disc. Inc.	-0.0091 <sup>***</sup>	-0.0112 <sup>***</sup>	
	(0.0009)	(0.0009)	
Lagged Pct. Present	0.0017 <sup>***</sup>	0.0006	
	(0.0003)	(0.0003)	
Constant	-0.0535	0.0228	0.0008
	(0.0350)	(0.0349)	(0.0022)
R-Squared	0.7188	0.7177	0.7085
N	114131	114131	114722

Standard errors in parentheses

\*  $p < 0.05$ , \*\*  $p < 0.01$ , \*\*\*  $p < 0.001$

## High School Economics Value-Added Estimates

	(1)	(2)	(3)
	All Controls	No Race/Ethnicity	Lagged Scores Only
Grade 8 Math Score	0.1064*** (0.0036)	0.1067*** (0.0036)	0.1297*** (0.0036)
Grade 8 ELA Score	0.0603*** (0.0038)	0.0588*** (0.0038)	0.0666*** (0.0037)
Grade 8 Reading Score	0.0735*** (0.0033)	0.0755*** (0.0033)	0.0740*** (0.0033)
Grade 8 Science Score	0.2428*** (0.0041)	0.2489*** (0.0040)	0.2748*** (0.0039)
Grade 8 Soc. Stud. Score	0.2741*** (0.0040)	0.2749*** (0.0040)	0.2976*** (0.0040)
Female	-0.0910*** (0.0045)	-0.0911*** (0.0045)	
Foreign Born	0.0695*** (0.0109)	0.0724*** (0.0109)	
Black	-0.0774*** (0.0062)		
Hispanic	-0.0234** (0.0090)		
Asian	-0.1531* (0.0637)		
American Indian	0.0050 (0.0469)		
Multi-Racial	-0.0293* (0.0132)		
ESOL Enrolled	0.0435* (0.0221)	0.0514* (0.0221)	
Free/Reduced Lunch	-0.0144** (0.0053)	-0.0289*** (0.0052)	
Gifted	0.1635*** (0.0070)	0.1669*** (0.0070)	
Prim. Lang. Not English	0.0047 (0.0106)	0.0207* (0.0094)	
Orthopedic Impairment	0.0157 (0.1034)	0.0211 (0.1035)	
Speech-Language Imp.	-0.0269 (0.0637)	-0.0318 (0.0637)	
Deaf	-0.1806* (0.0733)	-0.1748* (0.0734)	
Visual Impairment	0.1525 (0.0960)	0.1503 (0.0961)	

Emotional/Behav. Dis.	-0.0997***	-0.0940***	
	(0.0246)	(0.0246)	
Specific Learning Dis.	-0.1160***	-0.1116***	
	(0.0114)	(0.0114)	
Autism	0.0176	0.0269	
	(0.0301)	(0.0301)	
Traumatic Brain Injury	-0.4932***	-0.4890***	
	(0.1286)	(0.1287)	
Other Health Imp.	-0.1389***	-0.1294***	
	(0.0159)	(0.0159)	
Mild Intellectual Dis.	-0.2241***	-0.2238***	
	(0.0363)	(0.0363)	
Mod. Intellectual Dis.	-0.1150	-0.1090	
	(0.3642)	(0.3645)	
Num. Schools Attended	-0.0760***	-0.0764***	
	(0.0147)	(0.0147)	
Changed Schools	-0.0738***	-0.0760***	
	(0.0107)	(0.0107)	
Diff. from Modal Age	-0.0069***	-0.0068***	
	(0.0003)	(0.0003)	
Lagged Num. Disc. Inc.	-0.0257***	-0.0278***	
	(0.0018)	(0.0018)	
Lagged Pct. Present	0.0037***	0.0030***	
	(0.0005)	(0.0005)	
Constant	-0.2840***	-0.2439***	-0.0940***
	(0.0480)	(0.0479)	(0.0028)
R-Squared	0.6060	0.6053	0.5960
N	91399	91399	91672

Standard errors in parentheses

\*  $p < 0.05$ , \*\*  $p < 0.01$ , \*\*\*  $p < 0.001$

## High School Physical Science Value-Added Estimates

	(1)	(2)	(3)
	All Controls	No Race/Ethnicity	Lagged Scores Only
Grade 8 Math Score	0.2463*** (0.0046)	0.2474*** (0.0046)	0.2724*** (0.0046)
Grade 8 ELA Score	0.0046 (0.0045)	0.0030 (0.0045)	0.0005 (0.0044)
Grade 8 Reading Score	0.0607*** (0.0040)	0.0641*** (0.0040)	0.0616*** (0.0041)
Grade 8 Science Score	0.3621*** (0.0049)	0.3707*** (0.0049)	0.3946*** (0.0049)
Grade 8 Soc. Stud. Score	0.1373*** (0.0045)	0.1388*** (0.0046)	0.1627*** (0.0045)
Female	-0.0902*** (0.0047)	-0.0911*** (0.0047)	
Foreign Born	0.0377* (0.0147)	0.0434** (0.0147)	
Black	-0.1272*** (0.0064)		
Hispanic	-0.0799*** (0.0108)		
Asian	0.0156 (0.0755)		
American Indian	-0.0185 (0.0563)		
Multi-Racial	-0.0340* (0.0141)		
ESOL Enrolled	0.0277 (0.0185)	0.0464* (0.0186)	
Free/Reduced Lunch	-0.0135* (0.0054)	-0.0373*** (0.0053)	
Gifted	0.2237*** (0.0104)	0.2275*** (0.0104)	
Prim. Lang. Not English	-0.0148 (0.0138)	-0.0230* (0.0114)	
Orthopedic Impairment	-0.1857 (0.1203)	-0.1605 (0.1207)	
Speech-Language Imp.	0.0345 (0.0432)	0.0321 (0.0433)	
Deaf	-0.1513* (0.0689)	-0.1429* (0.0692)	
Visual Impairment	0.0461 (0.0898)	0.0514 (0.0900)	

Emotional/Behav. Dis.	-0.0281	-0.0158	
	(0.0205)	(0.0206)	
Specific Learning Dis.	-0.0675***	-0.0620***	
	(0.0100)	(0.0100)	
Autism	0.1070***	0.1207***	
	(0.0293)	(0.0293)	
Traumatic Brain Injury	-0.0393	-0.0283	
	(0.1438)	(0.1443)	
Other Health Imp.	-0.0528***	-0.0374**	
	(0.0143)	(0.0144)	
Mild Intellectual Dis.	-0.0864**	-0.0886**	
	(0.0302)	(0.0303)	
Mod. Intellectual Dis.	-0.0911	-0.1034	
	(0.3108)	(0.3118)	
Sev. Intellectual Dis.	0.3454	0.3187	
	(0.3802)	(0.3814)	
Num. Schools Attended	-0.0674***	-0.0683***	
	(0.0110)	(0.0110)	
Changed Schools	-0.0011	-0.0031	
	(0.0072)	(0.0072)	
Diff. from Modal Age	-0.0042***	-0.0041***	
	(0.0003)	(0.0003)	
Lagged Num. Disc. Inc.	-0.0200***	-0.0234***	
	(0.0014)	(0.0014)	
Lagged Pct. Present	0.0029***	0.0014**	
	(0.0005)	(0.0005)	
Constant	-0.0854	0.0131	0.0044
	(0.0511)	(0.0510)	(0.0034)
R-Squared	0.6458	0.6434	0.6339
N	59877	59877	60220

Standard errors in parentheses

\*  $p < 0.05$ , \*\*  $p < 0.01$ , \*\*\*  $p < 0.001$

## High School U.S. History Value-Added Estimates

	(1)	(2)	(3)
	All Controls	No Race/Ethnicity	Lagged Scores Only
Grade 8 Math Score	0.0380*** (0.0034)	0.0379*** (0.0034)	0.0577*** (0.0034)
Grade 8 ELA Score	0.0367*** (0.0035)	0.0364*** (0.0035)	0.0292*** (0.0034)
Grade 8 Reading Score	0.0844*** (0.0032)	0.0854*** (0.0032)	0.0776*** (0.0032)
Grade 8 Science Score	0.1616*** (0.0039)	0.1659*** (0.0038)	0.2085*** (0.0038)
Grade 8 Soc. Stud. Score	0.4305*** (0.0036)	0.4308*** (0.0036)	0.4574*** (0.0037)
Female	-0.1562*** (0.0042)	-0.1562*** (0.0042)	
Foreign Born	0.0349*** (0.0104)	0.0371*** (0.0104)	
Black	-0.0547*** (0.0058)		
Hispanic	0.0039 (0.0084)		
Asian	-0.1171* (0.0595)		
American Indian	-0.0191 (0.0448)		
Multi-Racial	0.0006 (0.0123)		
ESOL Enrolled	0.0639*** (0.0180)	0.0689*** (0.0179)	
Free/Reduced Lunch	-0.0346*** (0.0048)	-0.0434*** (0.0047)	
Gifted	0.1538*** (0.0067)	0.1557*** (0.0067)	
Prim. Lang. Not English	-0.0232* (0.0099)	-0.0008 (0.0087)	
Orthopedic Impairment	0.2239* (0.0886)	0.2300** (0.0886)	
Speech-Language Imp.	0.0336 (0.0525)	0.0318 (0.0525)	
Deaf	-0.0664 (0.0624)	-0.0655 (0.0624)	
Visual Impairment	0.0660 (0.0905)	0.0738 (0.0905)	

Emotional/Behav. Dis.	0.0077	0.0127	
	(0.0218)	(0.0218)	
Specific Learning Dis.	-0.0609***	-0.0582***	
	(0.0100)	(0.0100)	
Autism	0.2410***	0.2471***	
	(0.0271)	(0.0271)	
Traumatic Brain Injury	-0.1470	-0.1433	
	(0.1203)	(0.1203)	
Other Health Imp.	-0.0576***	-0.0530***	
	(0.0141)	(0.0141)	
Mild Intellectual Dis.	-0.0541	-0.0581	
	(0.0325)	(0.0325)	
Mod. Intellectual Dis.	-0.3109	-0.3167	
	(0.6135)	(0.6138)	
Sev. Intellectual Dis.	-0.1289	-0.1373	
	(0.4336)	(0.4338)	
Num. Schools Attended	-0.0861***	-0.0866***	
	(0.0120)	(0.0120)	
Changed Schools	0.0097	0.0067	
	(0.0089)	(0.0089)	
Diff. from Modal Age	-0.0049***	-0.0048***	
	(0.0003)	(0.0003)	
Lagged Num. Disc. Inc.	-0.0291***	-0.0307***	
	(0.0015)	(0.0015)	
Lagged Pct. Present	0.0060***	0.0054***	
	(0.0005)	(0.0005)	
Constant	-0.4447***	-0.4069***	-0.0771***
	(0.0471)	(0.0470)	(0.0027)
R-Squared	0.6265	0.6261	0.6136
N	99985	99985	100322

Standard errors in parentheses

\*  $p < 0.05$ , \*\*  $p < 0.01$ , \*\*\*  $p < 0.001$



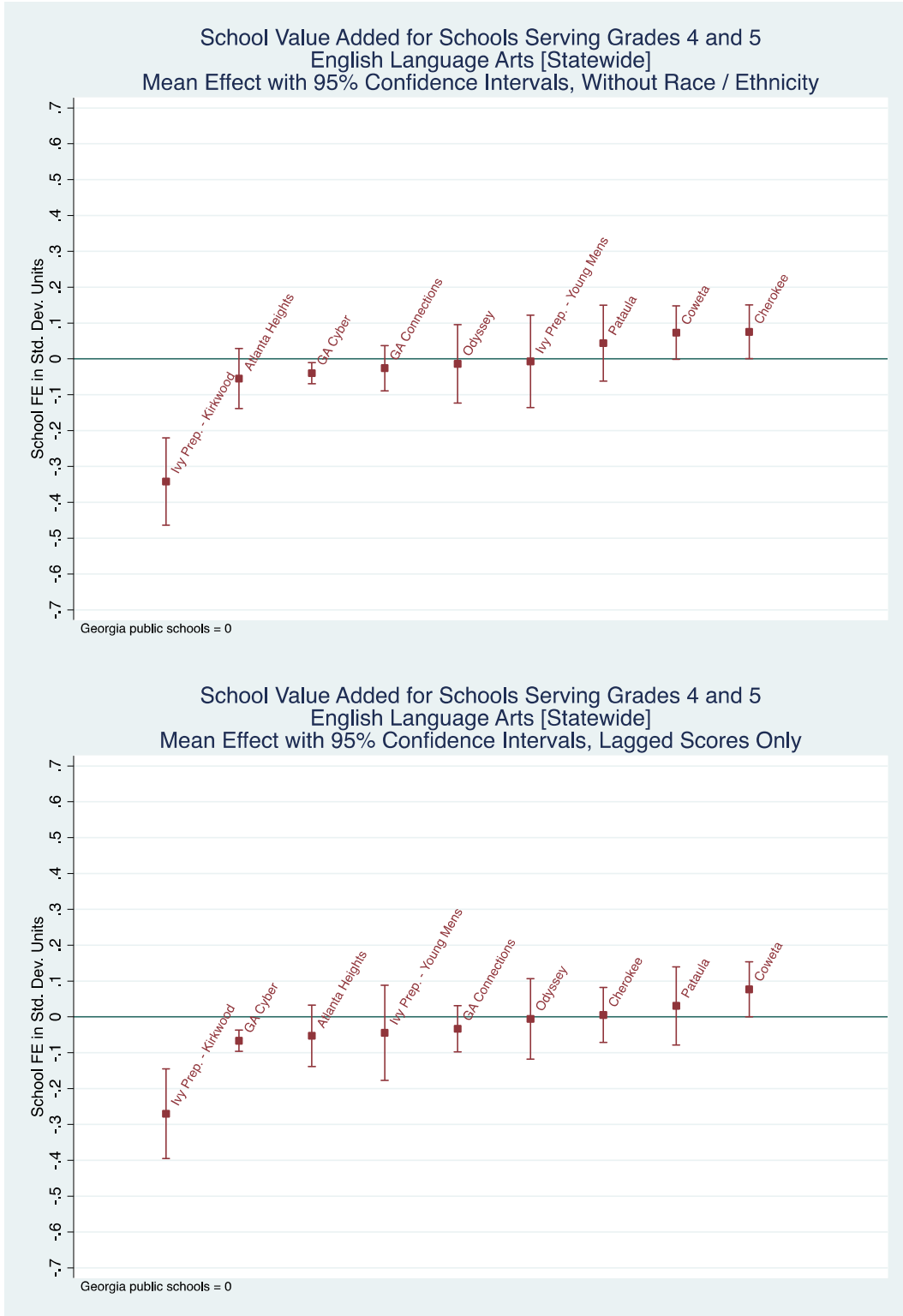
## **II. School Effect Estimates Based on Alternative Value-Added Models and School-Level Growth Percentiles Based on Alternative Measures and Samples**

All of the value-added school effects in the main report are based on estimates from the full value-added model that includes all available demographic controls. The following charts and tables report estimates based on the two alternative specifications of the value-added model, one that excludes indicators for race and ethnicity and one that eliminates all demographic variables (and thus only includes lagged test scores).

The school-level student growth measures in the main report are averages of the individual student growth percentiles for students attending a given school. They are based on the full sample of students with SGP information. Results using two alternative school-level growth measures are presented below. The first uses school average SGPs, but only includes students included in the full value added model estimation. This excludes, for example, students with missing demographic information. The second alternative employs this same sample, but uses the school-level median SGP, rather than the mean.

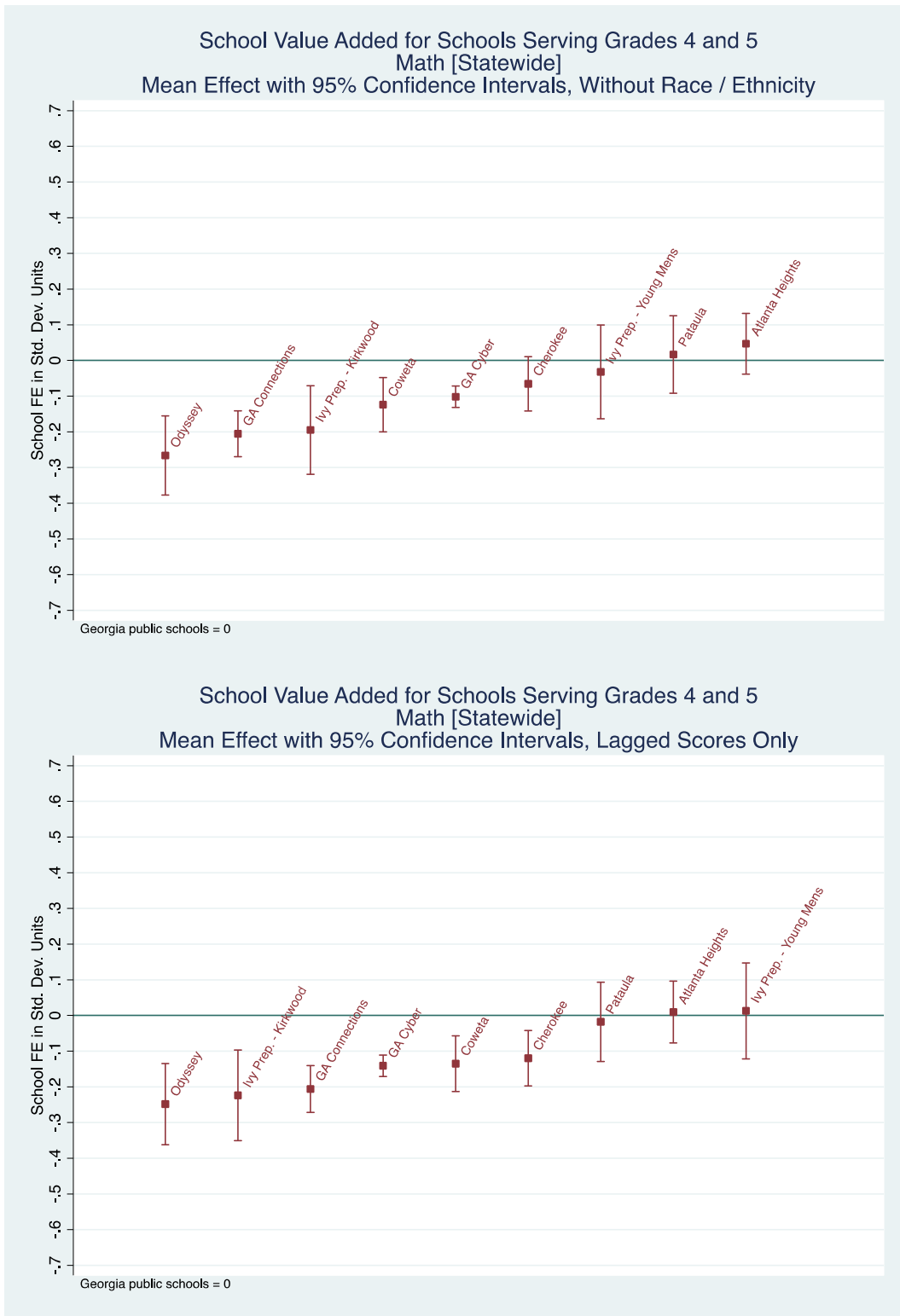
## A. State Charter School Effects -- Statewide Comparisons from Alternate Value-Added Models

### Schools Serving Grades 4 and 5 – ELA



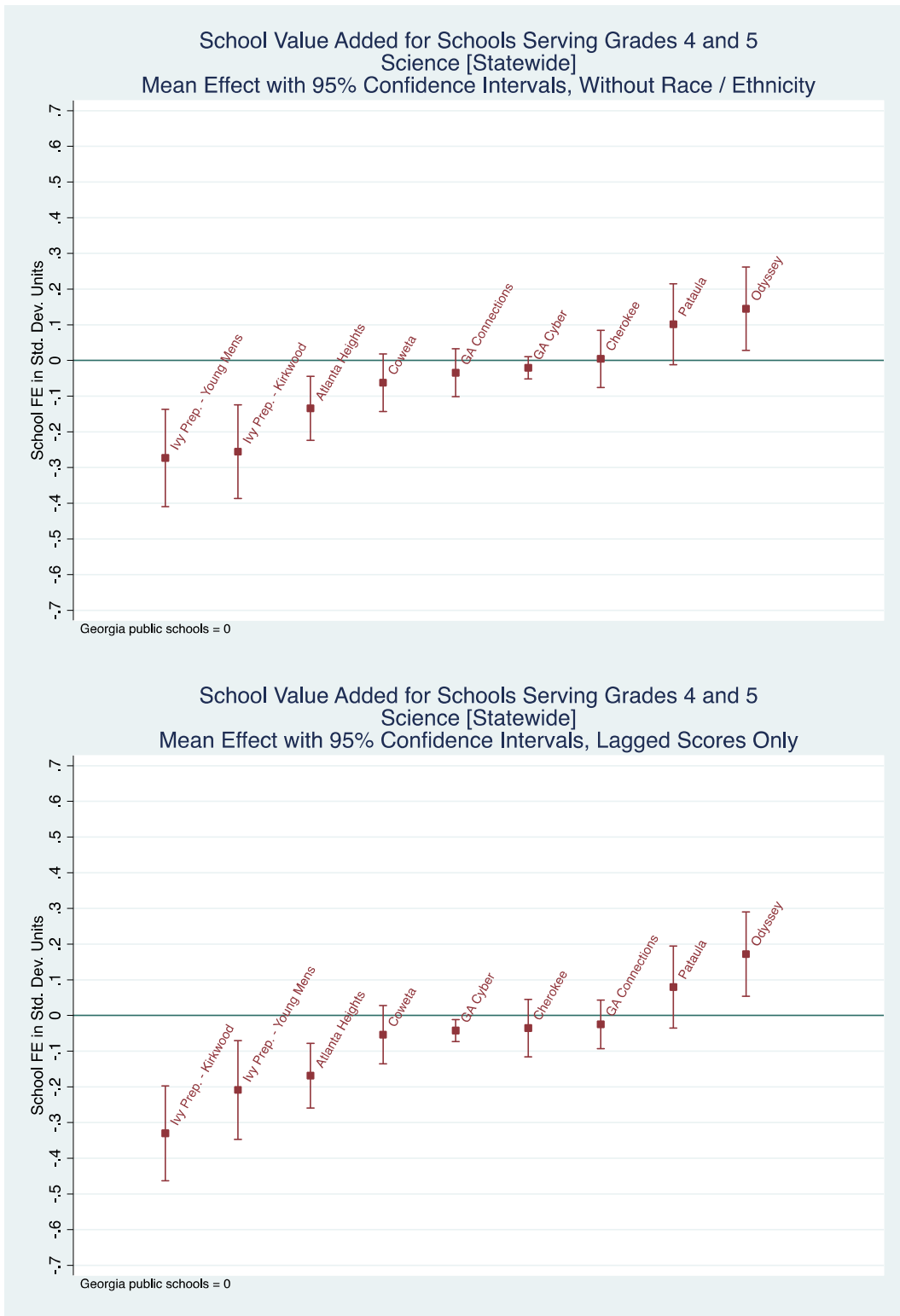
<b>Estimated School Effects - State Commissioned Charters - Elementary English Language Arts</b>					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Atlanta Heights	-0.0424	-0.0549	-0.0528	46	41
Cherokee	0.0629	0.0754	0.0054	50	55
Coweta	0.0660	0.0731	0.0769	55	58
GA Connections	-0.0283	-0.0258	-0.0332	39	32
GA Cyber	-0.0452	-0.0399	-0.0665	43	40
Ivy Prep. - Kirkwood	-0.3281	-0.3420	-0.2701	31	28
Ivy Prep. - Young Men's	0.0077	-0.0071	-0.0445	47	47
Odyssey	-0.0161	-0.0139	-0.0057	48	40
Pataula	0.0324	0.0440	0.0307	49	49

Schools Serving Grades 4 and 5 – Math



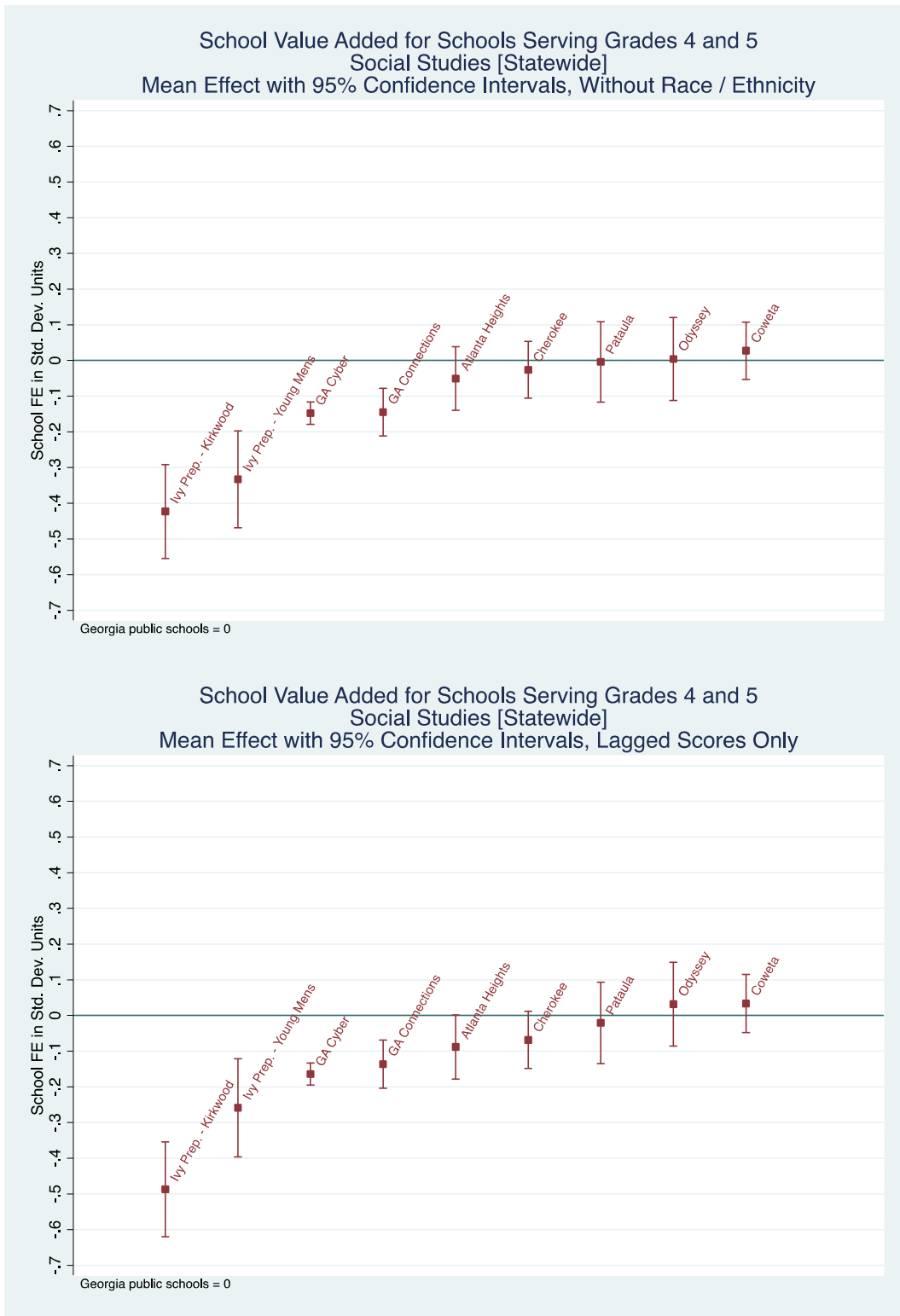
<b>Estimated School Effects - State Commissioned Charters - Elementary Math</b>					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Atlanta Heights	0.0786	0.0468	0.0098	53	54
Cherokee	-0.1024	-0.0655	-0.1197	47	46
Coweta	-0.1416	-0.1239	-0.1352	43	38
GA Connections	-0.2107	-0.2056	-0.2059	42	39
GA Cyber	-0.1172	-0.1017	-0.1409	43	40
Ivy Prep. - Kirkwood	-0.1598	-0.1948	-0.2238	38	35
Ivy Prep. - Young Men's	0.0058	-0.0319	0.0129	53	52
Odyssey	-0.2688	-0.2661	-0.2482	39	35
Pataula	-0.0174	0.0166	-0.0178	53	59

Schools Serving Grades 4 and 5 – Science



<b>Estimated School Effects - State Commissioned Charters - Elementary Science</b>					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Atlanta Heights	-0.0804	-0.1342	-0.1685	41	35
Cherokee	-0.0527	0.0045	-0.0355	47	47
Coweta	-0.0911	-0.0623	-0.0539	45	46
GA Connections	-0.0425	-0.0344	-0.0249	44	41
GA Cyber	-0.0451	-0.0206	-0.0422	44	42
Ivy Prep. - Kirkwood	-0.1962	-0.2555	-0.3302	32	21
Ivy Prep. - Young Men's	-0.2092	-0.2731	-0.2087	38	28
Odyssey	0.1375	0.1449	0.1719	57	56
Pataula	0.0497	0.1015	0.0795	52	49

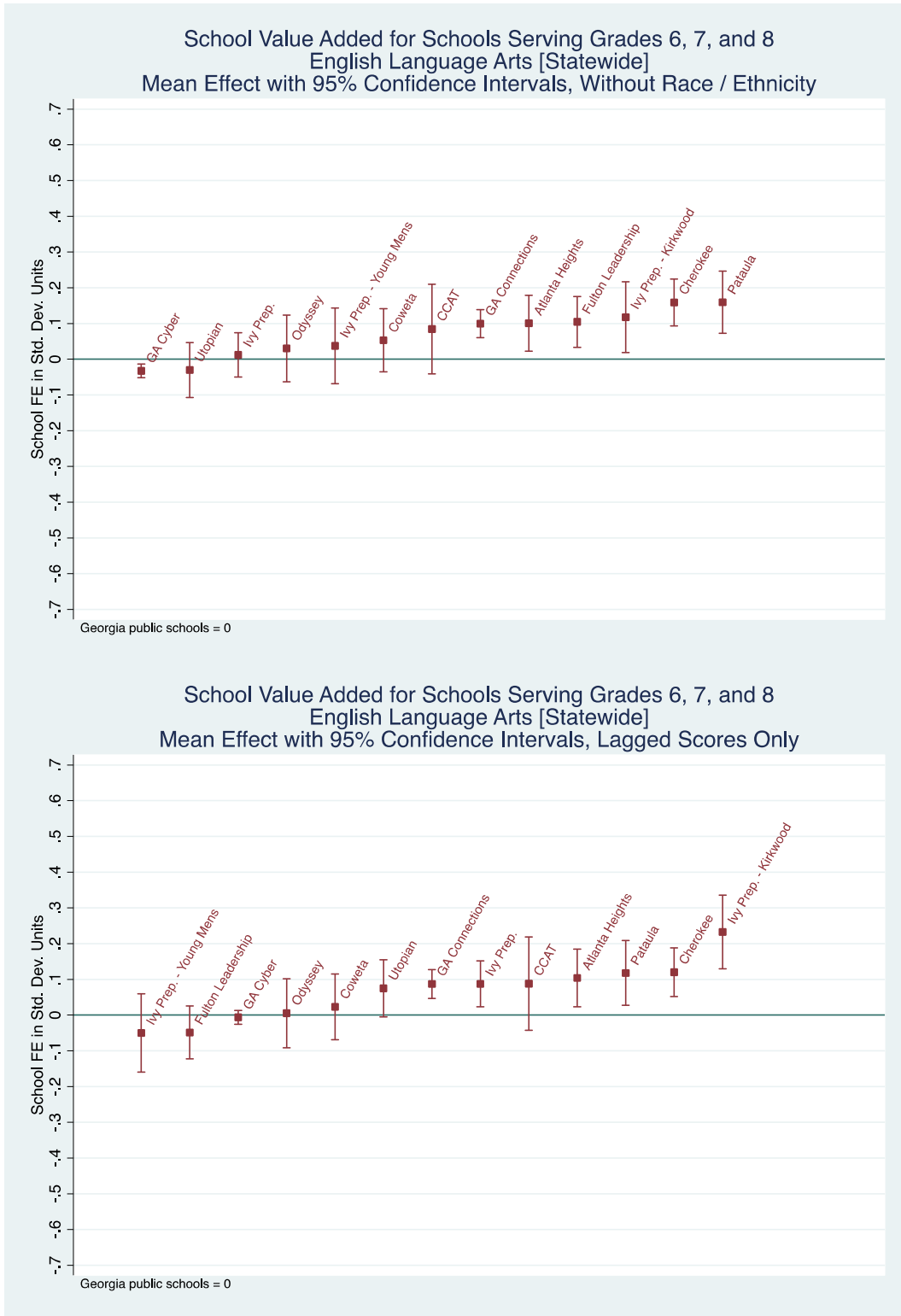
Schools Serving Grades 4 and 5 – Social Studies





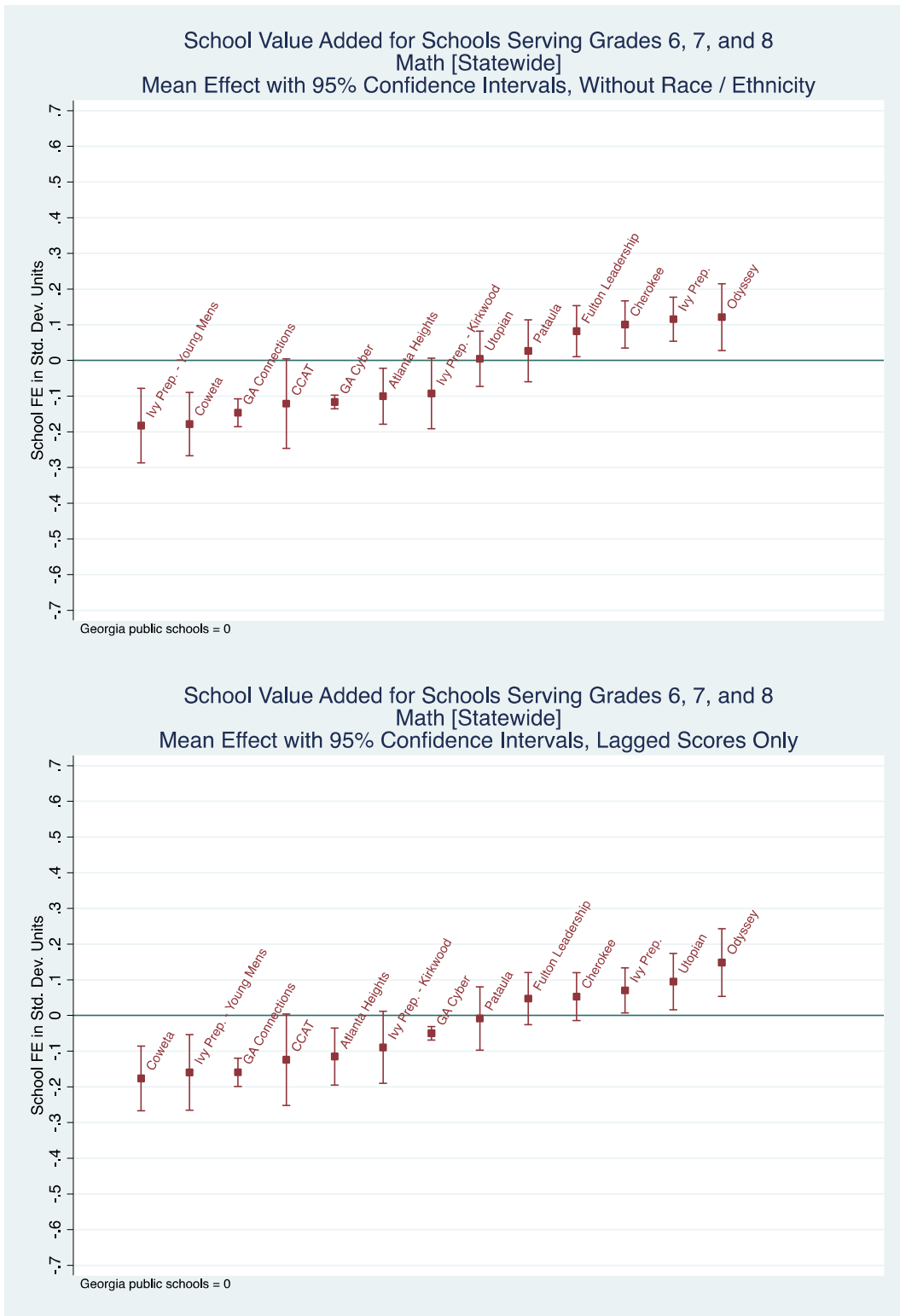
<b>Estimated School Effects - State Commissioned Charters - Elementary Social Studies</b>					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Atlanta Heights	-0.0372	-0.0507	-0.0882	40	37
Cherokee	-0.0417	-0.0263	-0.0684	45	41
Coweta	0.0195	0.0272	0.0336	50	53
GA Connections	-0.1470	-0.1448	-0.1366	46	43
GA Cyber	-0.1546	-0.1478	-0.1641	48	47
Ivy Prep. - Kirkwood	-0.4082	-0.4231	-0.4870	27	19
Ivy Prep. - Young Men's	-0.3171	-0.3330	-0.2586	29	23
Odyssey	0.0032	0.0042	0.0316	52	52
Pataula	-0.0176	-0.0041	-0.0207	51	50

Schools Serving Grades 6, 7, and 8 – ELA



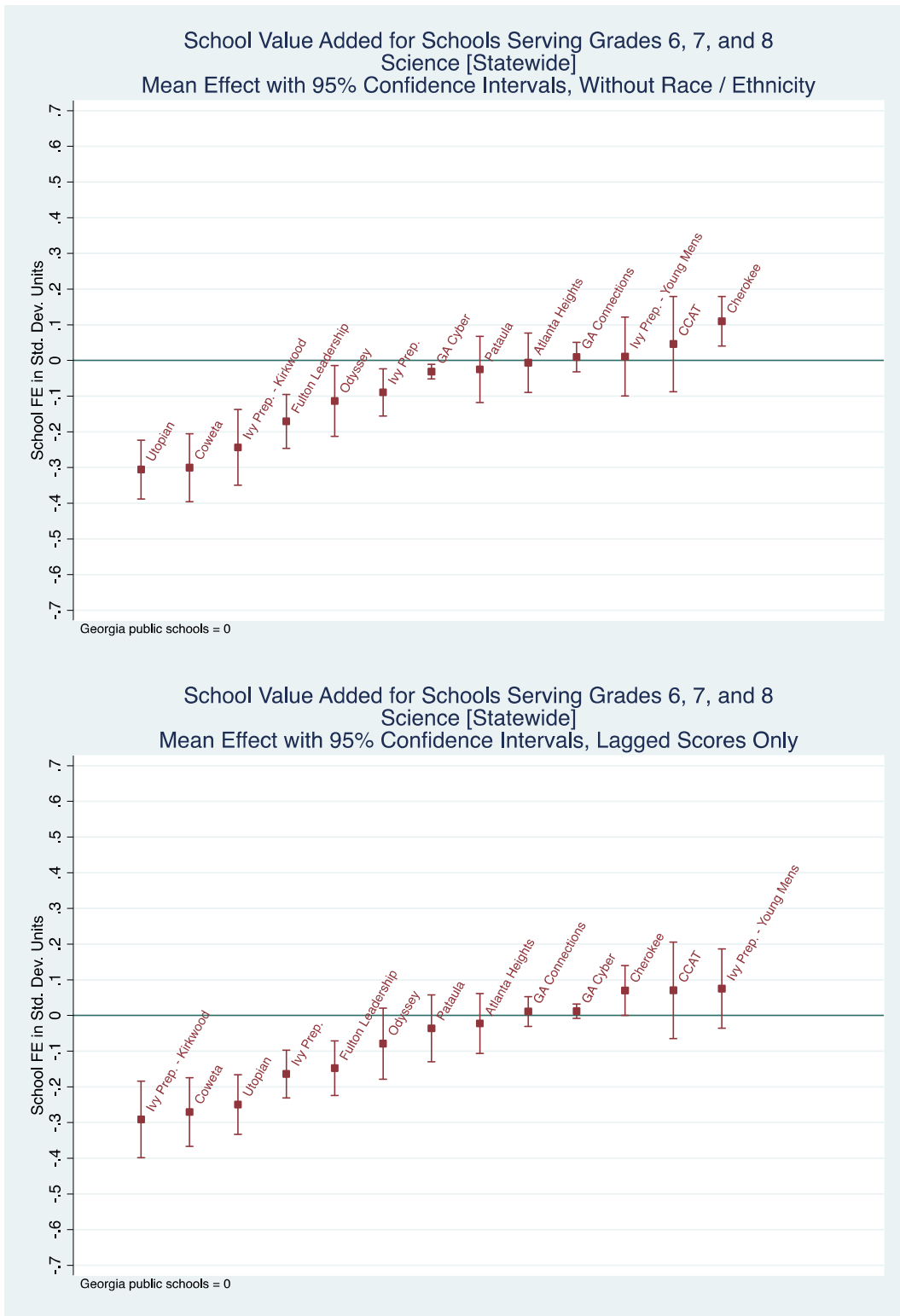
<b>Estimated School Effects - State Commissioned Charters - Middle School English Language Arts</b>					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Atlanta Heights	0.1164	0.1008	0.1039	54	57
CCAT	0.0799	0.0844	0.0879	53	57
Cherokee	0.1474	0.1589	0.1199	53	58
Coweta	0.0438	0.0529	0.0231	49	50
Fulton Leadership	0.1206	0.1045	-0.0487	45	41
GA Connections	0.0978	0.0996	0.0870	46	44
GA Cyber	-0.0382	-0.0324	-0.0062	44	41
Ivy Prep	0.0219	0.0120	0.0872	52	52
Ivy Prep. - Kirkwood	0.1347	0.1176	0.2326	55	60
Ivy Prep. - Young Men's	0.0545	0.0376	-0.0499	49	49
Odyssey	0.0245	0.0302	0.0052	48	48
Pataula	0.1489	0.1595	0.1178	55	57
Utopian	-0.0091	-0.0303	0.0748	52	53

Schools Serving Grades 6, 7, and 8 – Math



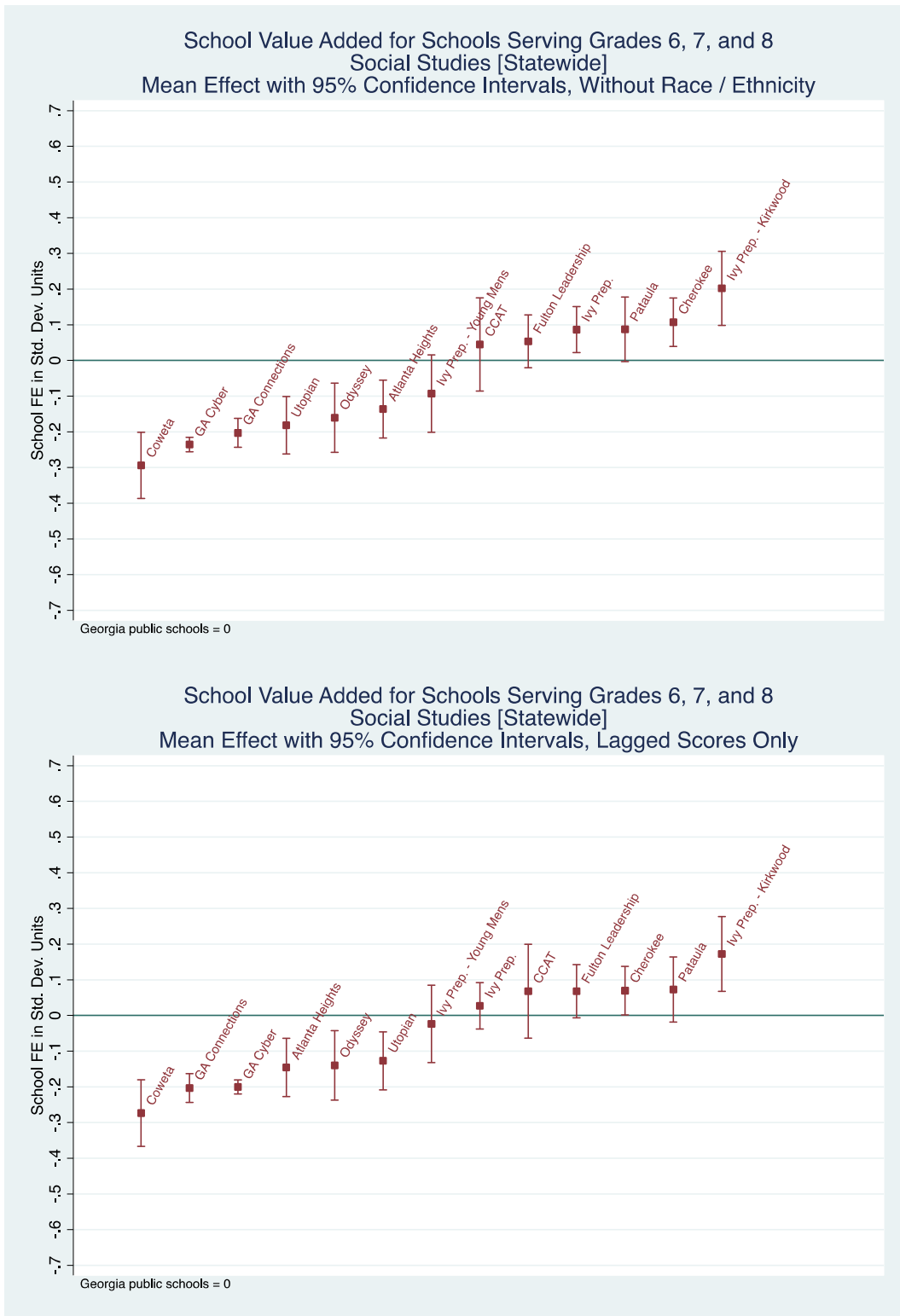
<b>Estimated School Effects - State Commissioned Charters - Middle School Math</b>					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Atlanta Heights	-0.0637	-0.1002	-0.1150	45	45
CCAT	-0.1349	-0.1209	-0.1240	46	50
Cherokee	0.0643	0.1007	0.0528	55	55
Coweta	-0.1991	-0.1781	-0.1762	41	36
Fulton Leadership	0.1185	0.0819	0.0473	55	55
GA Connections	-0.1495	-0.1464	-0.1593	41	35
GA Cyber	-0.1312	-0.1163	-0.0499	48	46
Ivy Prep	0.1494	0.1158	0.0703	53	53
Ivy Prep. - Kirkwood	-0.0505	-0.0924	-0.0894	47	46
Ivy Prep. - Young Men's	-0.1417	-0.1824	-0.1594	38	31
Odyssey	0.1091	0.1215	0.1482	62	66
Pataula	-0.0050	0.0269	-0.0084	50	47
Utopian	0.0585	0.0046	0.0950	61	64

Schools Serving Grades 6, 7, and 8 – Science



<b>Estimated School Effects - State Commissioned Charters - Middle School Science</b>					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Atlanta Heights	0.0388	-0.0063	-0.0222	47	43
CCAT	0.0292	0.0460	0.0705	49	49
Cherokee	0.0691	0.1099	0.0700	51	51
Coweta	-0.3250	-0.3005	-0.2704	29	17
Fulton Leadership	-0.1251	-0.1705	-0.1477	43	40
GA Connections	0.0046	0.0096	0.0112	45	43
GA Cyber	-0.0493	-0.0313	0.0122	46	44
Ivy Prep	-0.0530	-0.0894	-0.1640	44	43
Ivy Prep. - Kirkwood	-0.1927	-0.2437	-0.2913	40	36
Ivy Prep. - Young Men's	0.0605	0.0108	0.0753	54	55
Odyssey	-0.1295	-0.1135	-0.0789	40	34
Pataula	-0.0615	-0.0251	-0.0360	53	55
Utopian	-0.2408	-0.3054	-0.2496	34	29

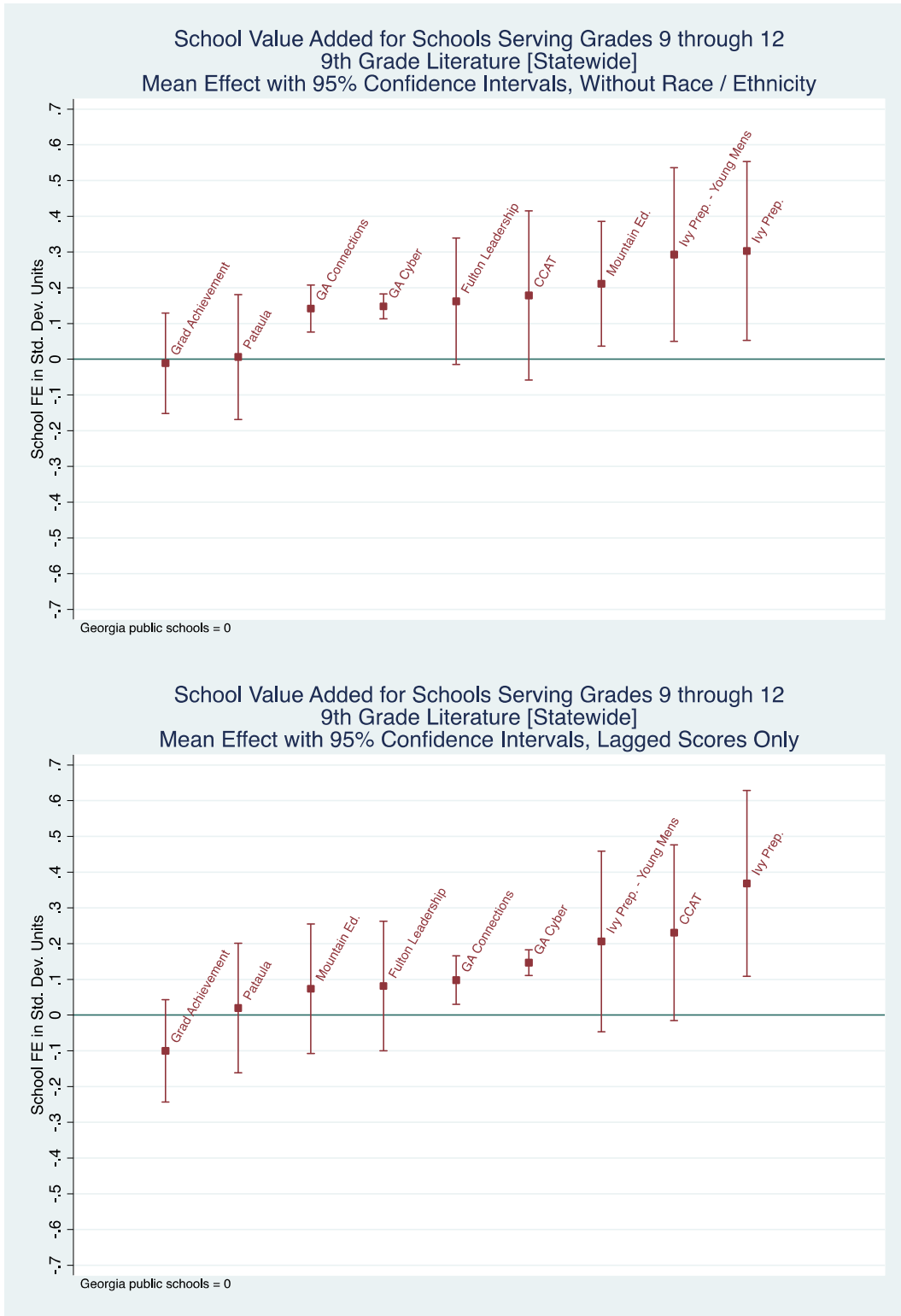
Schools Serving Grades 6, 7, and 8 – Social Studies





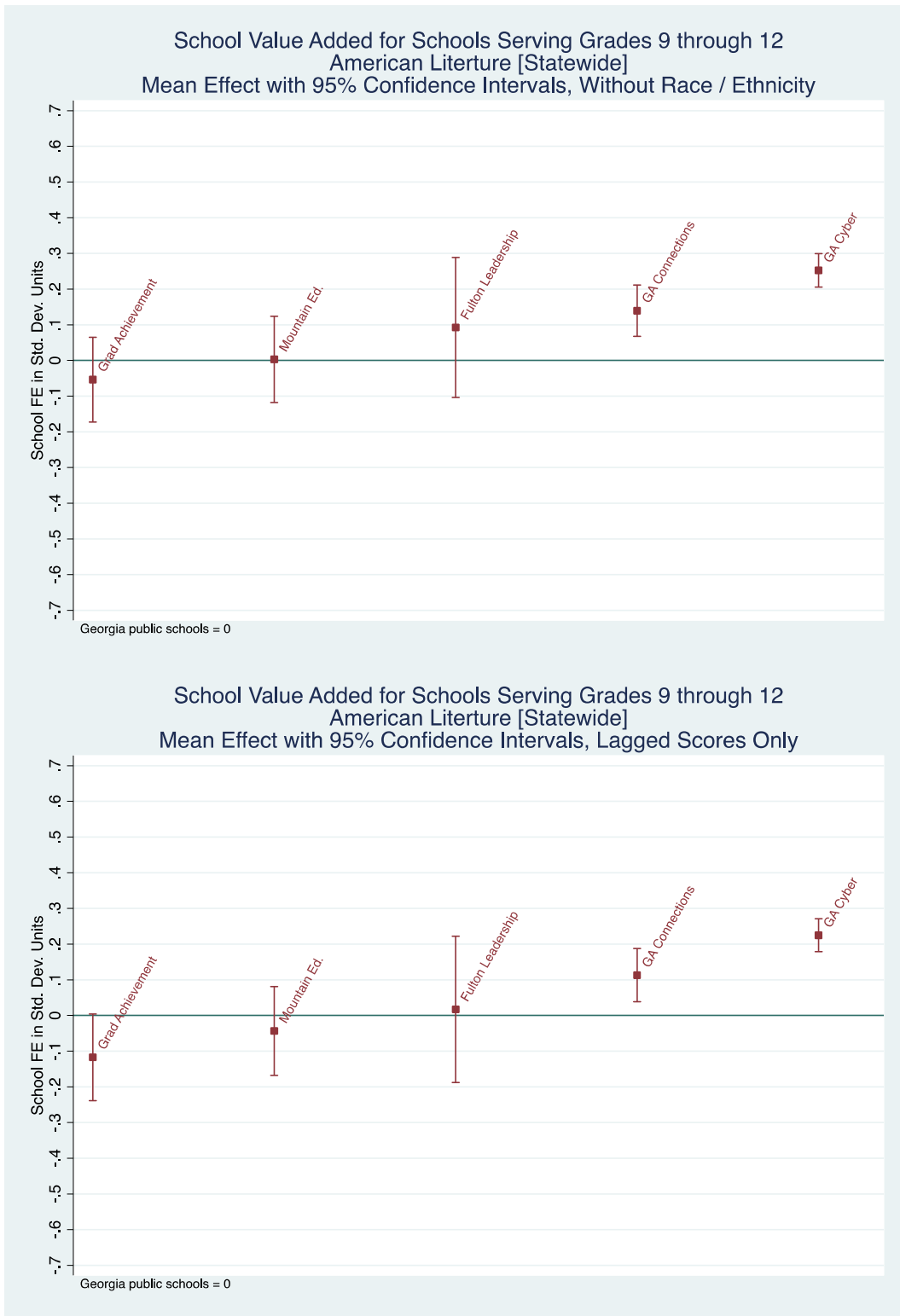
<b>Estimated School Effects - State Commissioned Charters - Middle School Social Studies</b>					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Atlanta Heights	-0.1324	-0.1360	-0.1455	50	53
CCAT	0.0428	0.0449	0.0678	56	56
Cherokee	0.1013	0.1072	0.0695	49	51
Coweta	-0.2972	-0.2940	-0.2736	36	32
Fulton Leadership	0.0569	0.0536	0.0680	53	57
GA Connections	-0.2033	-0.2030	-0.2034	43	39
GA Cyber	-0.2376	-0.2355	-0.2002	44	40
Ivy Prep	0.0930	0.0865	0.0270	48	47
Ivy Prep. - Kirkwood	0.2065	0.2020	0.1723	60	63
Ivy Prep. - Young Men's	-0.0888	-0.0929	-0.0236	48	48
Odyssey	-0.1622	-0.1604	-0.1400	39	29
Pataula	0.0830	0.0873	0.0727	52	52
Utopian	-0.1752	-0.1815	-0.1270	47	45

Schools Serving Grades 9 through 12 – 9<sup>th</sup> Grade Literature



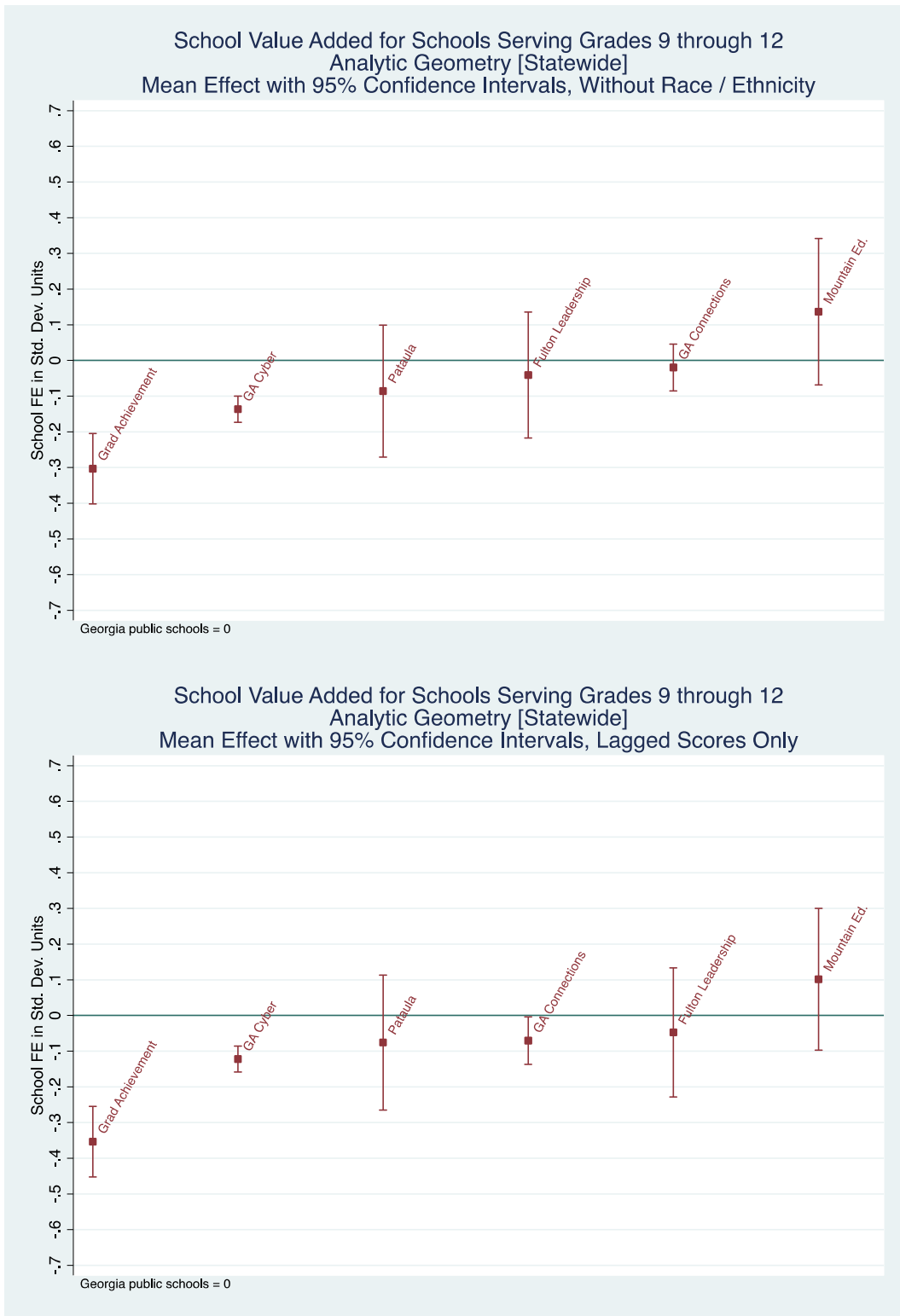
<b>Estimated School Effects - State Commissioned Charters - 9th Grade Literature</b>					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
CCAT	0.1683	0.1784	0.2306	52	43
Fulton Leadership	0.1753	0.1621	0.0813	46	46
GA Connections	0.1376	0.1417	0.0980	49	52
GA Cyber	0.1437	0.1480	0.1468	51	52
Grad Achievement	-0.0063	-0.0112	-0.1001	44	42
Ivy Prep	0.3120	0.3029	0.3684	63	69
Ivy Prep. - Young Men's	0.3080	0.2928	0.2060	54	58
Mountain Ed	0.2010	0.2112	0.0736	65	61
Pataula	-0.0032	0.0062	0.0197	43	35

*Schools Serving Grades 9 through 12 – American Literature*



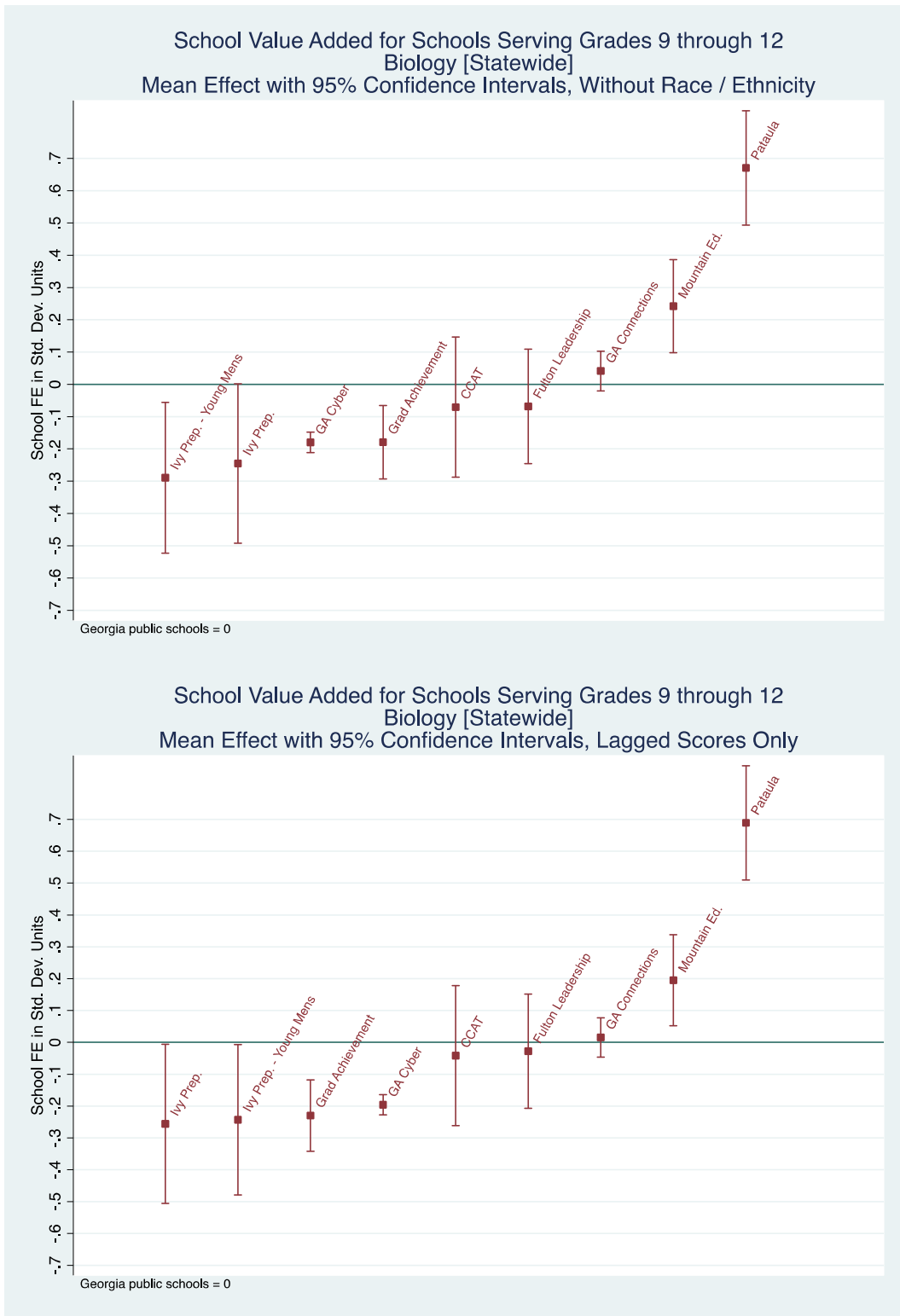
<b>Estimated School Effects - State Commissioned Charters - American Literature</b>					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Fulton Leadership	0.1358	0.0923	0.0171	46	47
GA Connections	0.1250	0.1394	0.1129	49	50
GA Cyber	0.2270	0.2525	0.2248	54	58
Grad Achievement	-0.0384	-0.0538	-0.1172	43	44
Mountain Ed	-0.0338	0.0032	-0.0434	50	46

*Schools Serving Grades 9 through 12 – Analytic Geometry*



<b>Estimated School Effects - State Commissioned Charters - Analytic Geometry</b>					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Fulton Leadership	-0.0012	-0.0409	-0.0474	43	40
GA Connections	-0.0274	-0.0197	-0.0705	51	54
GA Cyber	-0.1537	-0.1366	-0.1220	48	46
Grad Achievement	-0.2705	-0.3032	-0.3536	38	31
Mountain Ed	0.0978	0.1366	0.1016	60	65
Pataula	-0.1087	-0.0859	-0.0758	50	45

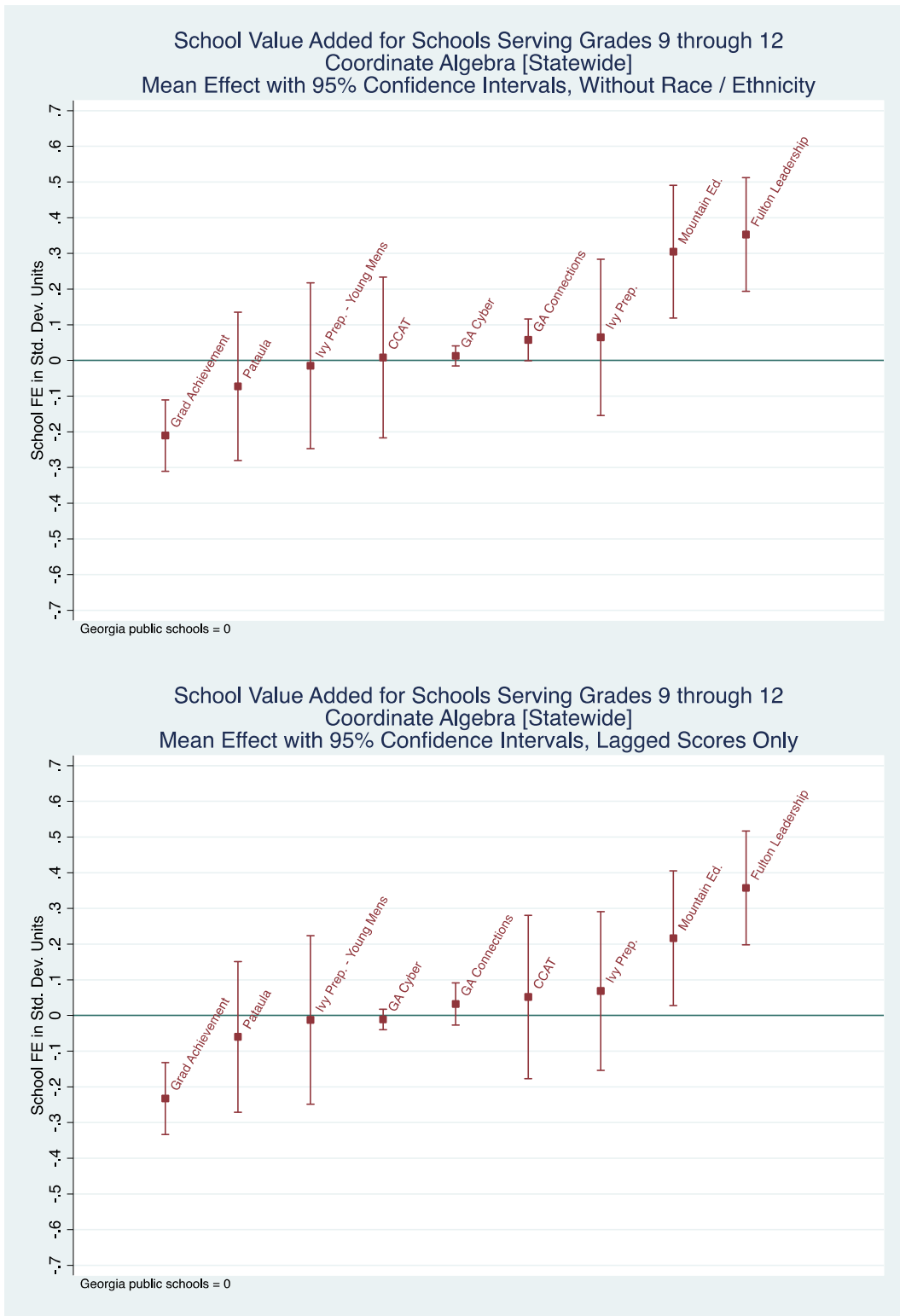
Schools Serving Grades 9 through 12 – Biology





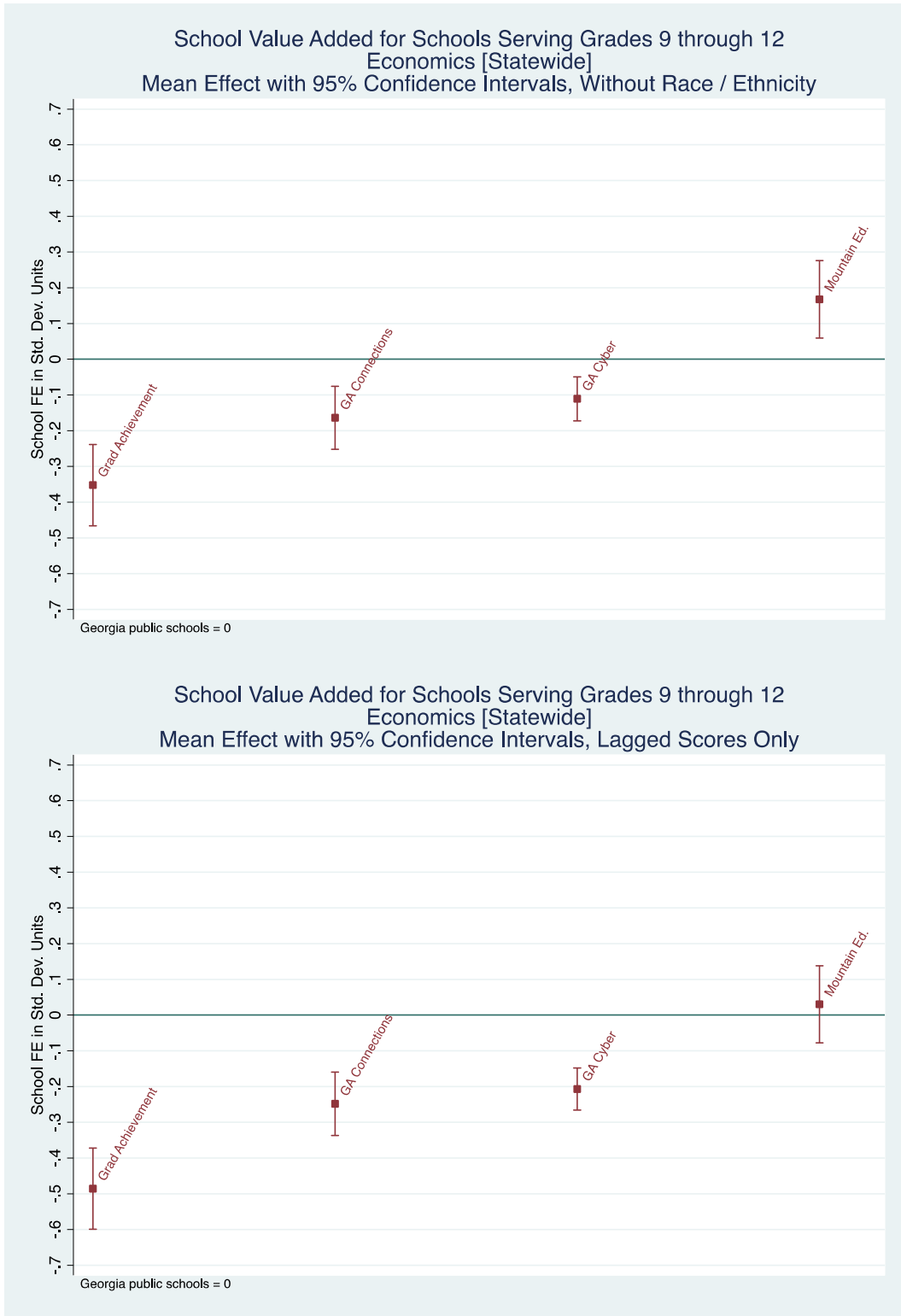
<b>Estimated School Effects - State Commissioned Charters - Biology</b>					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
CCAT	-0.0907	-0.0707	-0.0417	56	61
Fulton Leadership	-0.0342	-0.0685	-0.0278	47	38
GA Connections	0.0302	0.0414	0.0155	48	49
GA Cyber	-0.1949	-0.1796	-0.1957	35	28
Grad Achievement	-0.1563	-0.1793	-0.2300	38	33
Ivy Prep	-0.2175	-0.2453	-0.2558	34	30
Ivy Prep. - Young Men's	-0.2499	-0.2893	-0.2429	35	31
Mountain Ed	0.2099	0.2420	0.1952	64	69
Pataula	0.6431	0.6707	0.6895	74	84

Schools Serving Grades 9 through 12 – Coordinate Algebra



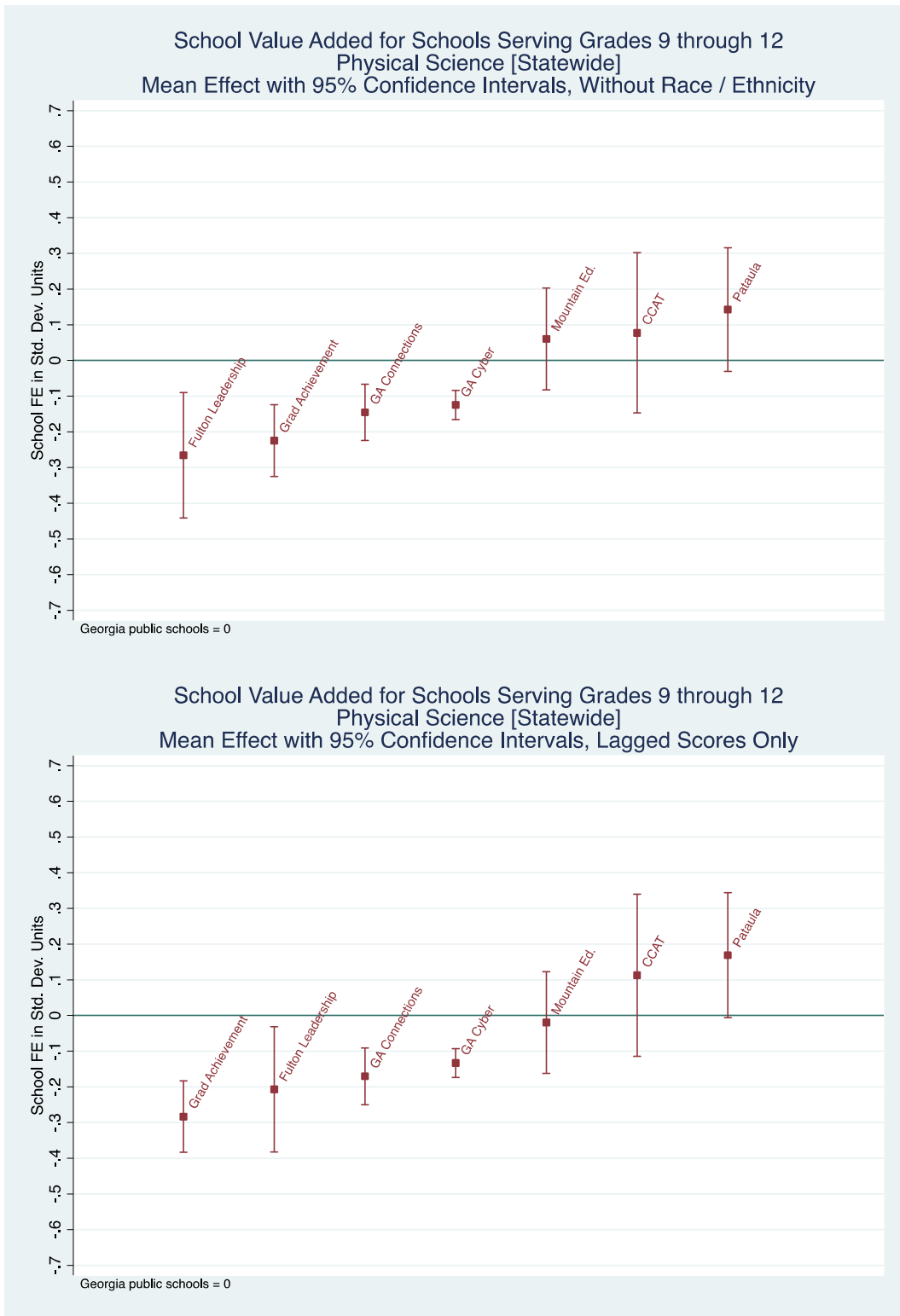
<b>Estimated School Effects - State Commissioned Charters - Coordinate Algebra</b>					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
CCAT	-0.0166	0.0083	0.0517	51	51
Fulton Leadership	0.3821	0.3529	0.3573	74	86
GA Connections	0.0515	0.0576	0.0321	54	54
GA Cyber	-0.0008	0.0128	-0.0110	51	50
Grad Achievement	-0.1866	-0.2103	-0.2327	40	35
Ivy Prep	0.0922	0.0648	0.0686	50	43
Ivy Prep. - Young Men's	0.0212	-0.0147	-0.0126	48	46
Mountain Ed	0.2837	0.3049	0.2164	66	82
Pataula	-0.1156	-0.0725	-0.0599	54	57

Schools Serving Grades 9 through 12 – Economics



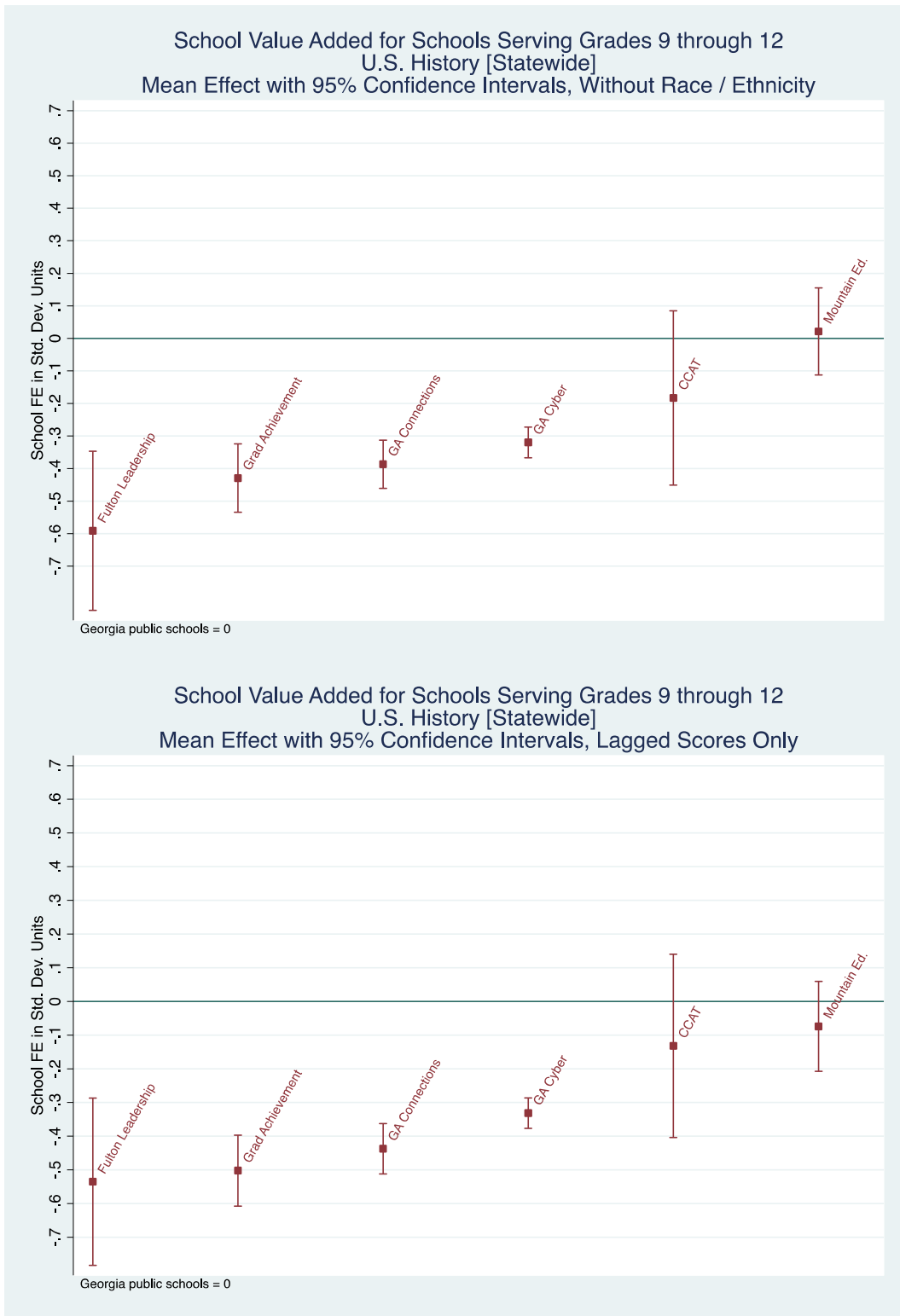
<b>Estimated School Effects - State Commissioned Charters - Economics</b>					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
GA Connections	-0.1729	-0.1637	-0.2481	53	57
GA Cyber	-0.1260	-0.1108	-0.2069	53	56
Grad Achievement	-0.3359	-0.3523	-0.4858	35	31
Mountain Ed	0.1413	0.1675	0.0303	59	66

*Schools Serving Grades 9 through 12 – Physical Science*



<b>Estimated School Effects - State Commissioned Charters - Physical Science</b>					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
CCAT	0.0425	0.0774	0.1126	50	52
Fulton Leadership	-0.2165	-0.2657	-0.2069	34	19
GA Connections	-0.1566	-0.1454	-0.1704	38	32
GA Cyber	-0.1464	-0.1247	-0.1333	43	41
Grad Achievement	-0.1910	-0.2246	-0.2835	39	37
Mountain Ed	0.0295	0.0601	-0.0196	58	59
Pataula	0.1011	0.1426	0.1690	50	46

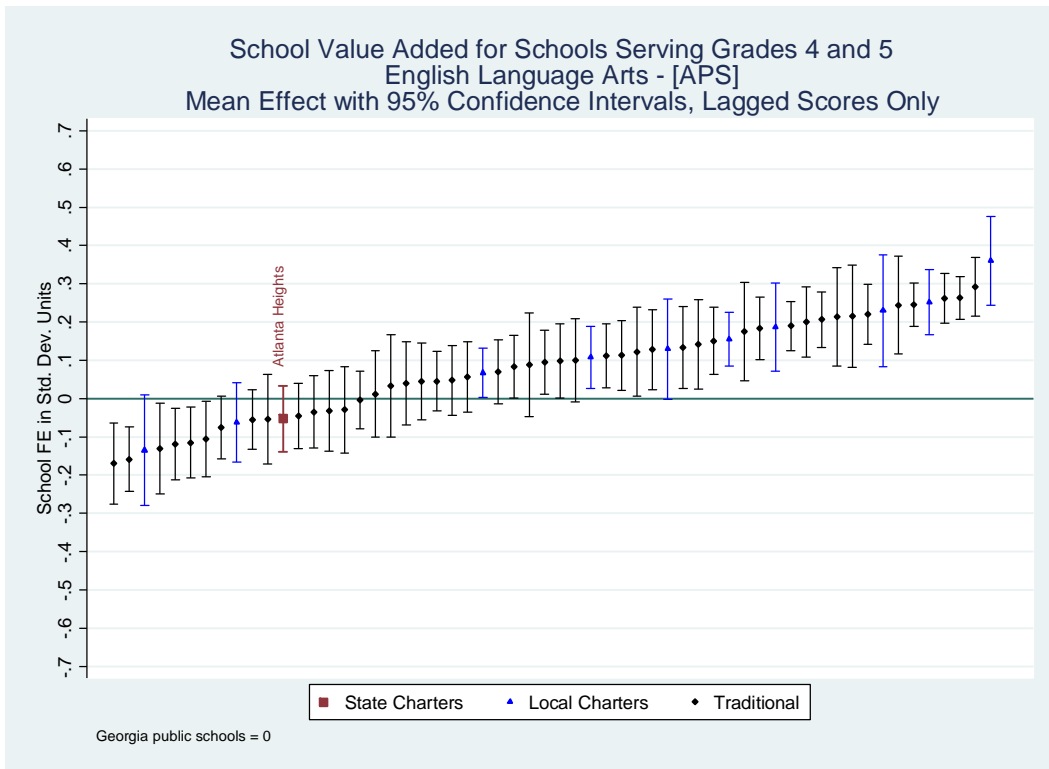
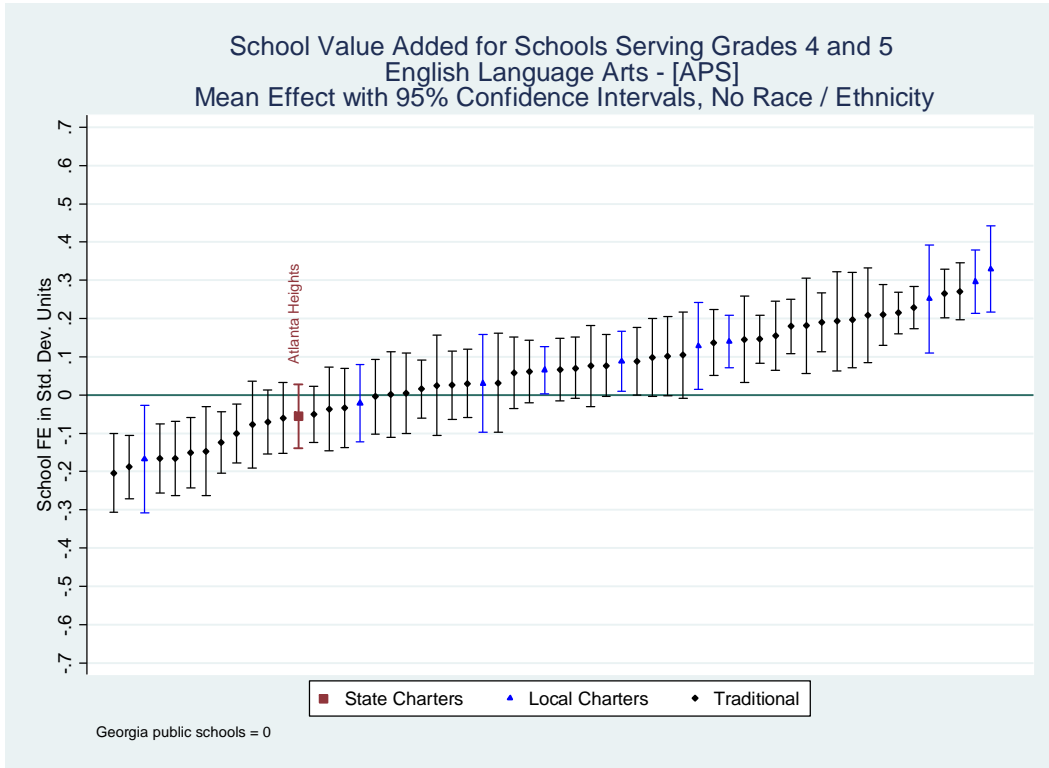
*Schools Serving Grades 9 through 12 – U.S. History*





<b>Estimated School Effects - State Commissioned Charters - U.S. History</b>					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
CCAT	-0.1956	-0.1831	-0.1319	52	58
Fulton Leadership	-0.5687	-0.5912	-0.5348	24	16
GA Connections	-0.3950	-0.3867	-0.4370	32	27
GA Cyber	-0.3317	-0.3197	-0.3313	35	28
Grad Achievement	-0.4187	-0.4294	-0.5020	29	25
Mountain Ed	-0.0013	0.0213	-0.0740	48	47

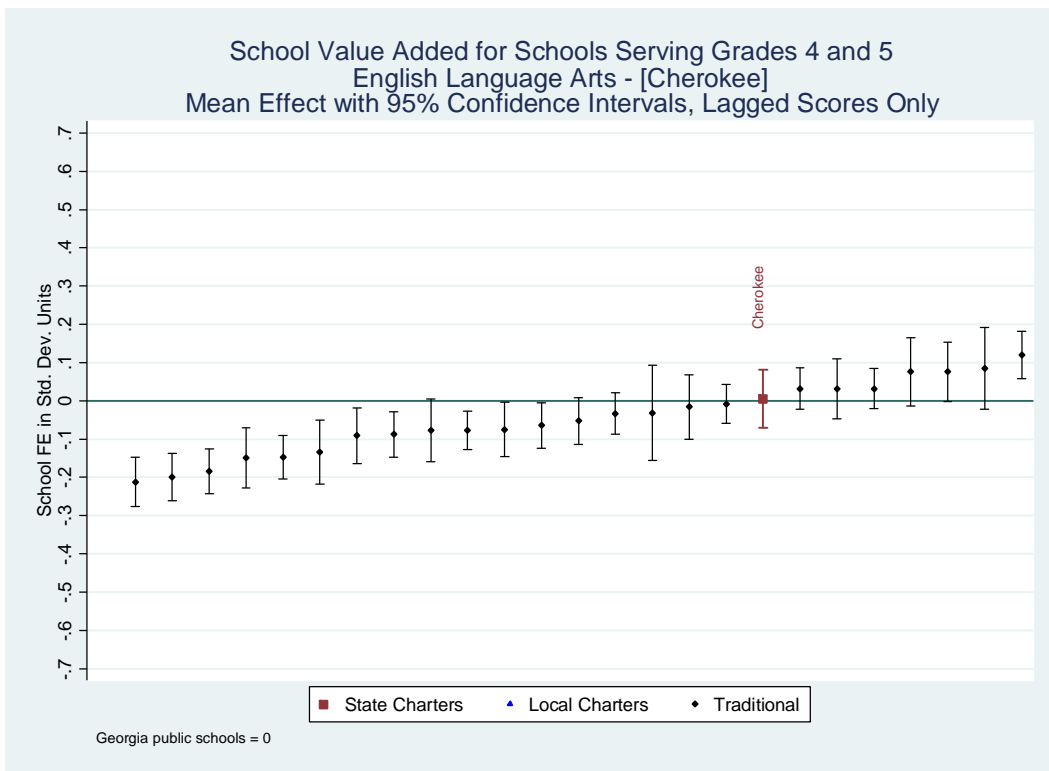
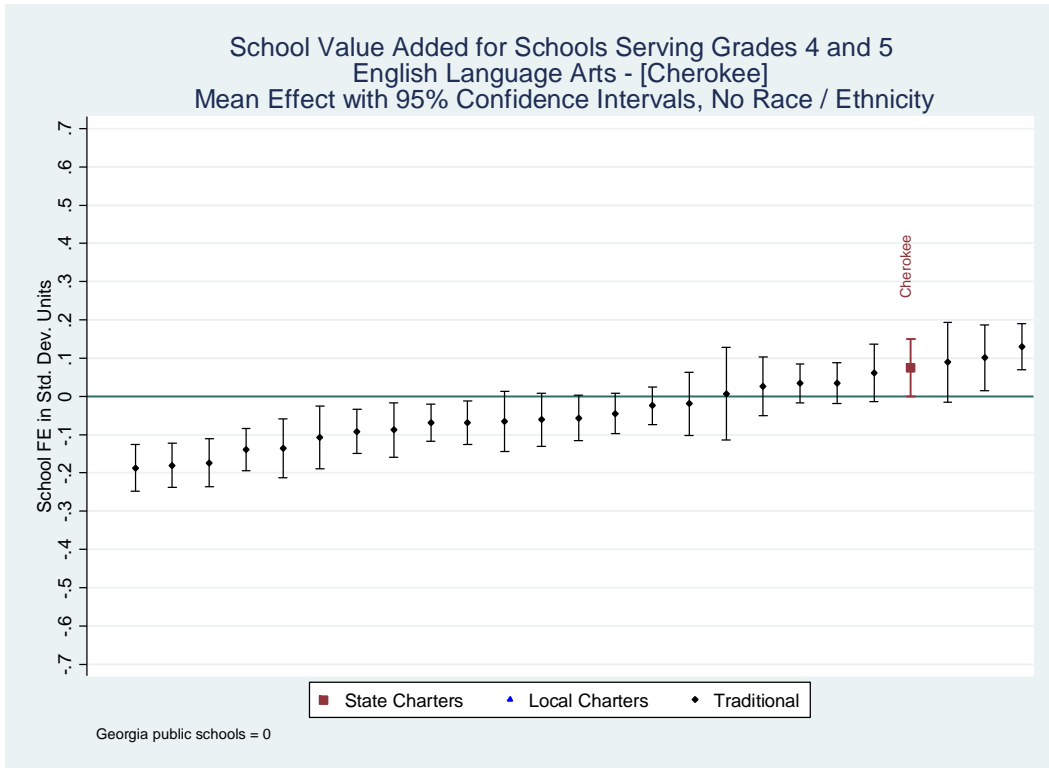
**B. State Charter School Effects -- District Comparisons from Alternate Value-Added Models**  
*Schools Serving Grades 4 and 5 – ELA*  
APS District



<b>Estimated School Effects - APS - Elementary English Language Arts</b>					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Atlanta Classical Academy	-0.0286	-0.0211	-0.0621	42	35
Atlanta Heights	-0.0424	-0.0549	-0.0528	46	41
Bazoline E Usher/Collier Height	0.1681	0.1547	0.2002	63	67
Beecher Hills Elementary School	0.1169	0.1014	0.1335	59	61
Benteen Elementary School	0.2164	0.2093	0.2443	65	72
Bethune Elementary School	-0.1383	-0.1506	-0.1189	40	41
Bolton Academy	0.0712	0.0708	0.0833	55	58
Boyd Elementary School	-0.1518	-0.1650	-0.1056	47	46
Brandon Elementary School	0.2091	0.2147	0.2632	62	67
Burgess-Peterson Elementary Scho	0.2091	0.1961	0.1748	63	76
Cascade Elementary School	-0.0219	-0.0366	-0.0293	52	57
Centennial Place Elementary Scho	0.0998	0.0884	0.1076	51	52
Charles R Drew Charter School	0.0777	0.0656	0.0673	55	59
Cleveland Elementary School	0.0177	0.0046	0.0402	53	51
Connally Elementary School	0.0145	0.0013	0.0120	51	50
Continental Colony Elementary Sc	0.0735	0.0583	0.0985	53	55
D H Stanton Elementary School	0.0375	0.0253	0.0882	49	45
Deerwood Academy School	0.0311	0.0160	0.0455	52	50
Dobbs Elementary School	0.0902	0.0773	0.0951	57	58
Dunbar Elementary School	-0.1342	-0.1466	-0.1303	45	46
F L Stanton Elementary School	-0.0641	-0.0773	-0.0538	47	49
Fain Elementary School	-0.0479	-0.0603	-0.0346	52	50
Fickett Elementary School	0.0807	0.0668	0.1117	58	64
Finch Elementary	-0.0576	-0.0706	-0.0457	50	51
Garden Hills Elementary School	0.2098	0.2096	0.1835	60	64
Gideons Elementary School	-0.1524	-0.1651	-0.1149	43	38
Grove Park Intermediate School	-0.0888	-0.1005	-0.0550	46	46
Heritage Academy Elementary	0.0407	0.0259	0.0562	56	57
Humphries Elementary School	0.1151	0.1042	0.1223	55	62
Hutchinson Elementary School	0.0073	-0.0044	0.0453	54	50
Imagine Wesley International Aca	0.1532	0.1404	0.1550	55	55
Intown Charter Academy	-0.1504	-0.1677	-0.1348	40	36
Jackson Elementary School	0.2600	0.2649	0.2621	65	71
KIPP VISION	0.0457	0.0307	0.1296	59	59
KIPP West Atlanta Young Scholars	0.1446	0.1277	0.1869	59	62
Kimberly Elementary School	0.0438	0.0302	0.0477	51	51
Kindezi	0.2650	0.2513	0.2298	64	61
Kipp Strive Academy	0.3466	0.3291	0.3603	64	69
Lin Elementary School	0.1749	0.1800	0.2062	60	67
M A Jones Elementary School	0.0755	0.0615	0.0697	53	52
Miles Intermediate School	-0.0366	-0.0503	-0.0036	48	49

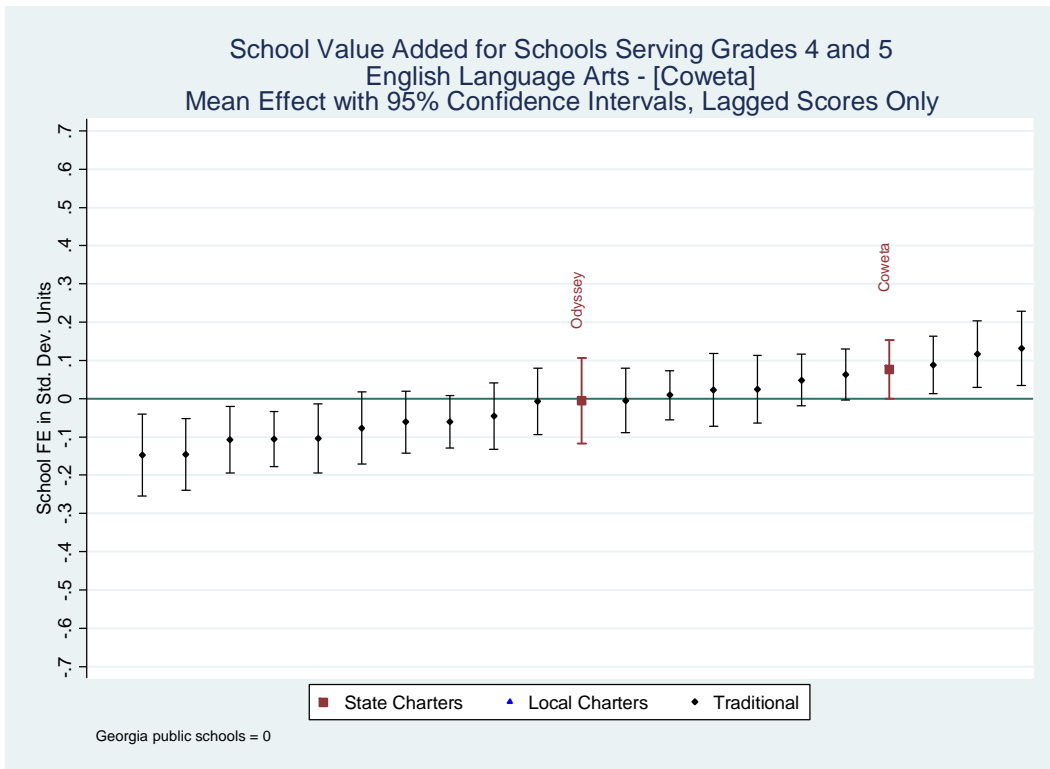
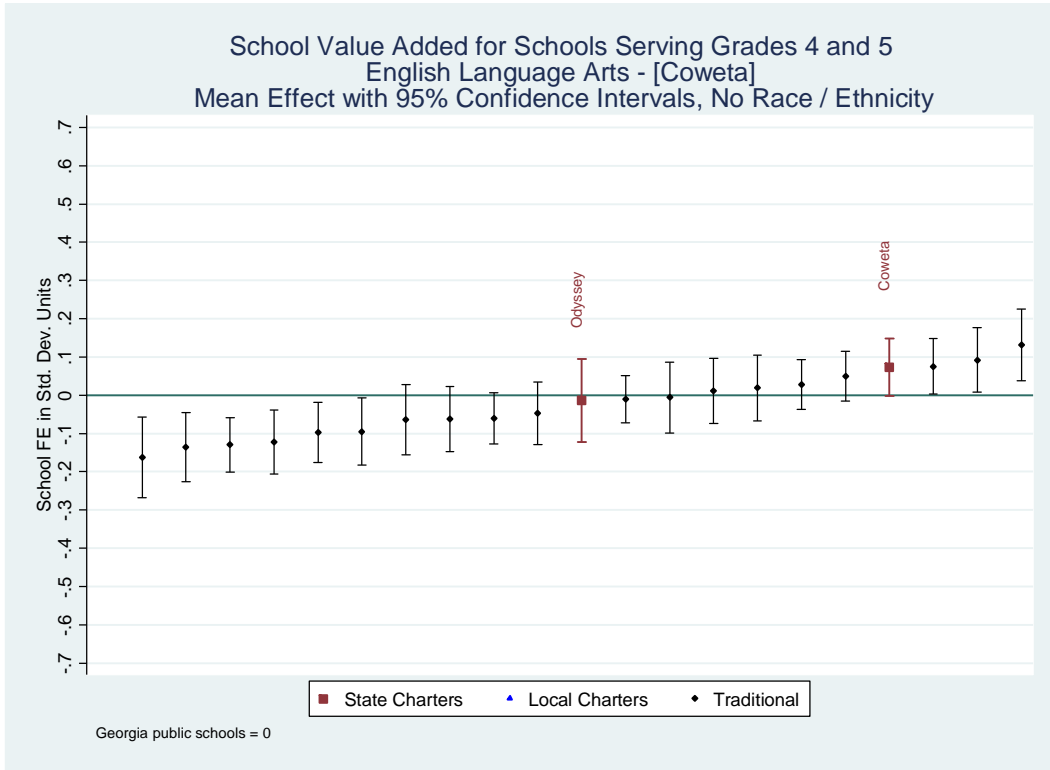
<b>Estimated School Effects - APS - Elementary English Language Arts</b>					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Morningside Elementary School	0.1406	0.1460	0.1895	58	60
Neighborhood Charter School	0.2903	0.2964	0.2515	61	65
Parkside Elementary School	0.1496	0.1375	0.1509	58	60
Perkerson Elementary School	-0.1117	-0.1247	-0.0752	44	43
Peyton Forest Elementary School	0.1017	0.0887	0.1130	54	58
Rivers Elementary School	0.1925	0.1901	0.2202	59	61
Scott Elementary School	0.1930	0.1812	0.2131	64	66
Slater Elementary School	-0.1744	-0.1882	-0.1583	41	40
Smith Elementary School	0.2249	0.2282	0.2449	60	64
Springdale Park Elementary School	0.2669	0.2713	0.2917	63	71
The John Hope-Charles Walter Hil	0.1567	0.1457	0.1416	56	63
Thomasville Heights Elementary S	-0.1908	-0.2035	-0.1694	40	40
Toomer Elementary School	0.2047	0.1928	0.2154	63	70
Towns Elementary School	0.0865	0.0764	0.0999	53	55
Venetian Hills Elementary School	-0.0190	-0.0333	-0.0321	48	43
West Manor Elementary School	0.1140	0.0989	0.1278	60	65
Whitefoord Elementary School	0.0453	0.0320	0.0327	51	59

Cherokee



<b>Estimated School Effects - Cherokee - Elementary English Language Arts</b>					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Arnold Mill Elementary School	-0.0652	-0.0568	-0.0524	44	44
Avery Elementary School	0.0257	0.0352	0.0318	45	42
Ball Ground Elementary School	-0.0313	-0.0193	-0.0162	44	38
Bascomb Elementary School	-0.0537	-0.0448	-0.0335	40	36
Boston Elementary School	0.0527	0.0619	0.0759	52	54
Canton Elementary	-0.0653	-0.0606	-0.0749	46	44
Carmel Elementary School	0.0273	0.0340	0.0321	52	53
Cherokee	0.0629	0.0754	0.0054	50	55
Clark Creek Elementary School	-0.0977	-0.0918	-0.0879	44	41
Clayton Elementary School	-0.0078	0.0067	-0.0316	46	52
Free Home Elementary School	0.0791	0.0893	0.0845	49	49
Hickory Flat Elementary School	-0.1162	-0.1073	-0.1343	34	28
Holly Springs Elementary School	-0.1964	-0.1868	-0.1996	34	27
Indian Knoll Elementary	-0.1879	-0.1802	-0.1844	38	33
J Knox Elementary	-0.1824	-0.1735	-0.2122	37	29
Johnston Elementary School	0.0184	0.0262	0.0320	49	43
Liberty Elementary School	-0.0776	-0.0692	-0.0768	39	33
Little River Elem	-0.0313	-0.0245	-0.0081	44	39
Macedonia Elementary School	0.1207	0.1303	0.1203	51	48
Mountain Road Elementary School	-0.1446	-0.1361	-0.1489	37	30
Oak Grove Elementary School	-0.0720	-0.0654	-0.0774	43	42
R M Moore Elementary School	0.0884	0.1009	0.0758	49	45
Sixes Elementary School	-0.0777	-0.0690	-0.0641	40	35
William G Hasty, Sr Elementary	-0.0945	-0.0877	-0.0909	45	45
Woodstock Elementary School	-0.1448	-0.1388	-0.1473	37	32

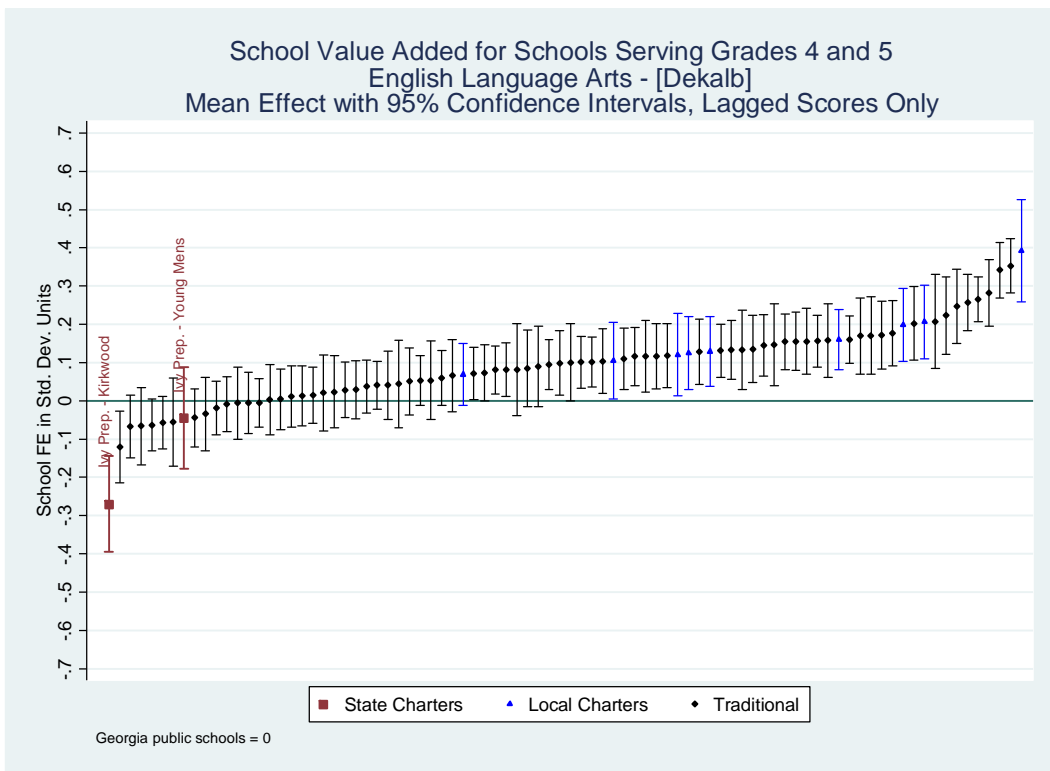
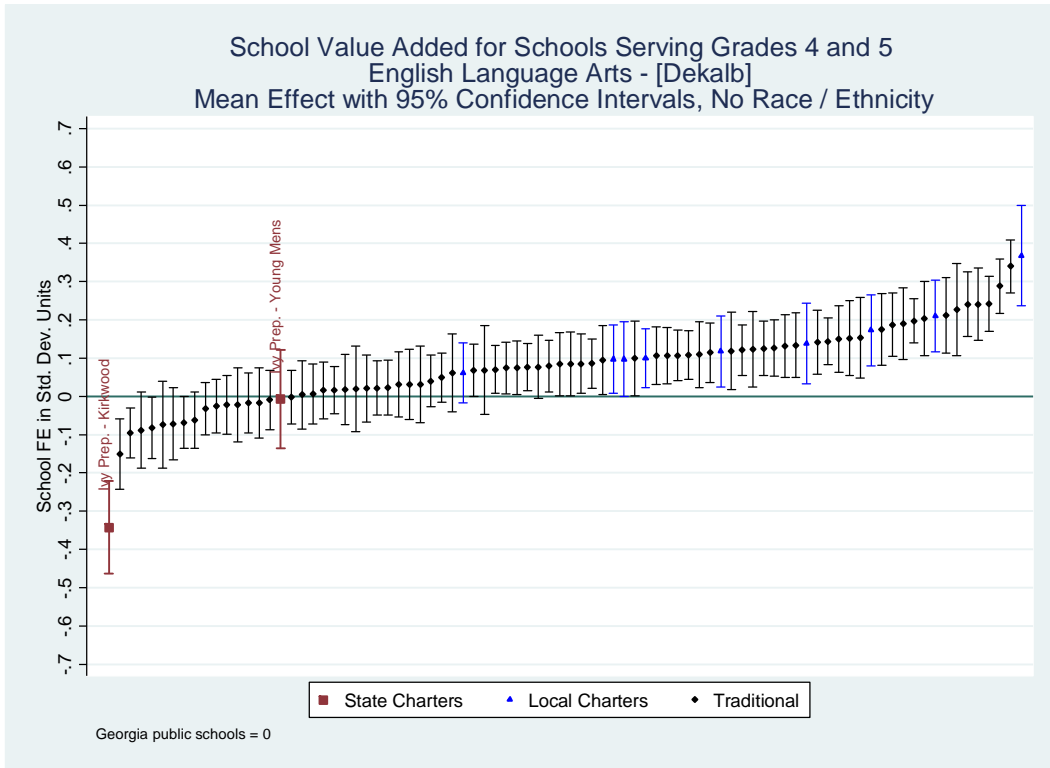
Coweta



<b>Estimated School Effects - Coweta - Elementary English Language Arts</b>					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Arbor Springs Elementary	0.0127	0.0194	0.0242	49	44
Arnco-Sargent Elementary School	-0.1040	-0.0949	-0.1035	43	34
Atkinson Elementary School	-0.1251	-0.1222	-0.1074	46	43
Brooks Elementary	-0.0688	-0.0606	-0.0606	45	44
Canongate Elementary School	0.0675	0.0755	0.0878	54	55
Coweta	0.0660	0.0731	0.0769	55	58
Eastside Elementary School	-0.0584	-0.0474	-0.0049	47	47
Elm Street Elementary School	0.0072	0.0113	-0.0071	46	42
Glanton Elementary	-0.1694	-0.1624	-0.1468	42	33
Jefferson Parkway Elementary Sch	-0.1374	-0.1363	-0.1457	41	38
Moreland Elementary School	-0.0710	-0.0623	-0.0459	47	44
Newnan Crossing Elementary Schoo	-0.0118	-0.0104	0.0091	49	49
Northside Elementary School	0.1282	0.1320	0.1315	57	62
Odyssey	-0.0161	-0.0139	-0.0057	48	40
Poplar Road Elementary School	-0.1031	-0.0970	-0.0612	45	42
Ruth Hill Elementary School	-0.0660	-0.0644	-0.0768	45	45
Thomas Crossroads Elementary Sch	0.0836	0.0921	0.1174	54	54
Welch Elementary School	0.0486	0.0501	0.0487	51	50
Western Elementary School	-0.0097	-0.0059	0.0235	47	46
White Oak Elementary School	-0.1341	-0.1295	-0.1055	42	41
Willis Road Elementary	0.0189	0.0279	0.0628	51	53



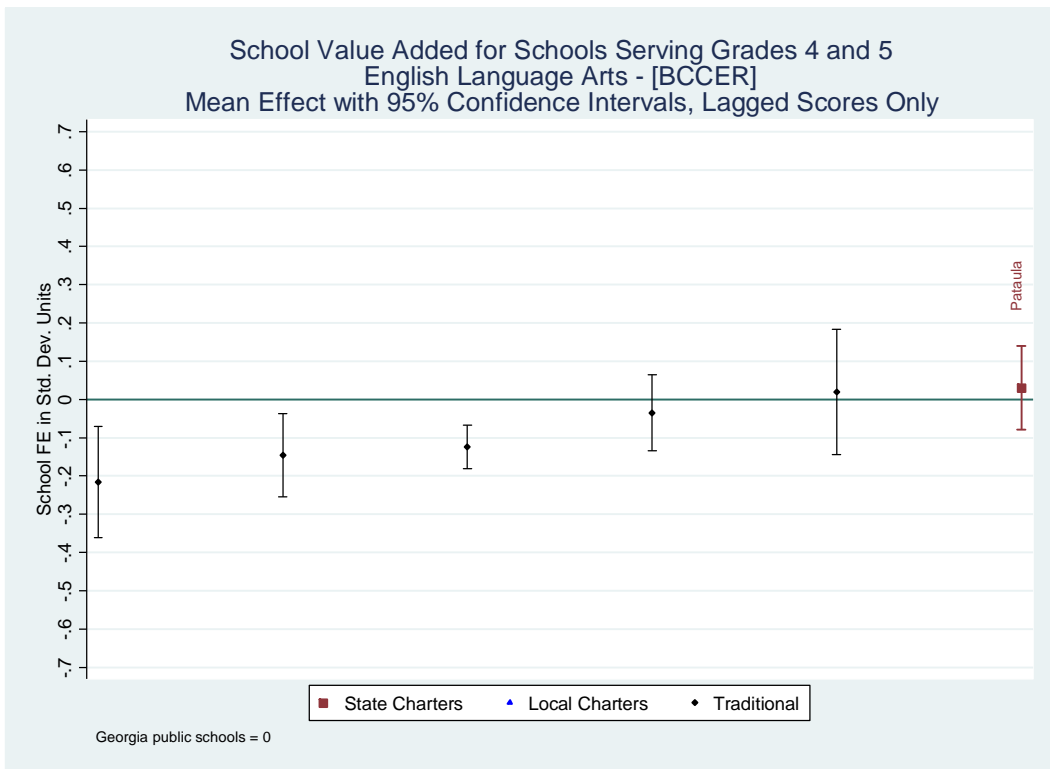
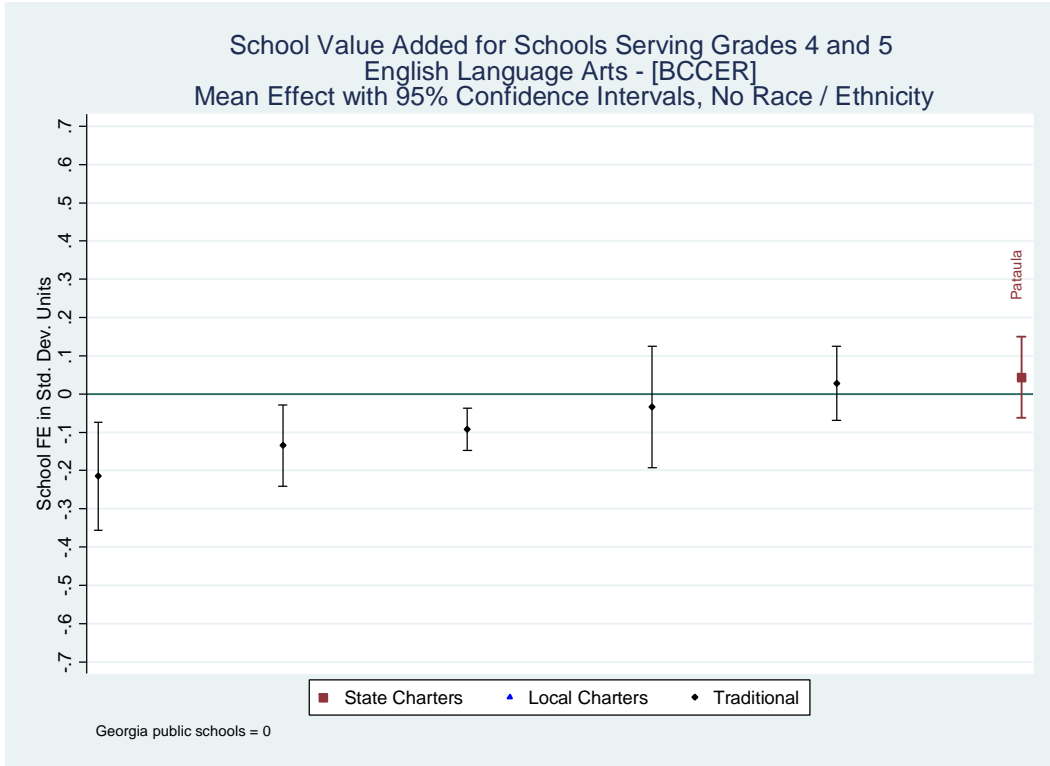
DeKalb



Estimated School Effects - DeKalb - Elementary English Language Arts					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Allgood Elementary School	0.0177	0.0064	0.0112	47	46
Ashford Park Elementary School	-0.0224	-0.0169	-0.0058	49	43
Austin Elementary School	0.1070	0.1144	0.1449	58	64
Avondale Elementary School	0.1661	0.1536	0.1464	52	52
Bob Mathis Elementary School	0.1117	0.0999	0.0846	52	53
Briar Vista Elementary School	0.0181	0.0195	0.0441	52	52
Briarlake Elementary School	0.1474	0.1525	0.1708	59	64
Brockett Elementary School	0.1866	0.1873	0.1771	61	65
Browns Mill Elementary School	0.0798	0.0687	0.0812	53	55
Canby Lane Elementary School	-0.0115	-0.0219	0.0130	52	53
Cary Reynolds Elementary School	0.1037	0.1080	0.1016	58	61
Cedar Grove Elementary School	0.1452	0.1339	0.1560	56	57
Chapel Hill Elementary School	-0.0060	-0.0172	0.0044	50	50
Chesnut Elementary School	0.1003	0.0974	0.1291	52	52
Clifton Elementary School	0.2226	0.2122	0.2232	61	67
Columbia Elementary School	0.0975	0.0847	0.1170	57	60
DeKalb Academy of Technology and	0.1151	0.0999	0.1600	54	52
DeKalb Elementary School of the	0.1235	0.1096	0.1710	54	57
DeKalb PATH Academy Charter Scho	0.1361	0.1385	0.1206	58	60
DeKalb Preparatory Academy Chart	0.1101	0.0975	0.1048	56	60
Dresden Elementary School	0.0137	0.0163	-0.0054	52	52
Dunaire Elementary School	0.0006	-0.0095	-0.0056	48	42
Dunwoody Elementary School	0.2845	0.2881	0.3420	64	71
Edward L. Bouie, Sr Elementary	0.0547	0.0406	0.0718	52	54
Eldridge L. Miller Elementary Sc	0.0267	0.0180	0.0235	51	54
Evansdale Elementary School	0.1045	0.1061	0.1332	56	60
Fairington Elementary School	-0.0723	-0.0827	-0.0665	44	42
Fernbank Elementary School	-0.0059	-0.0020	0.0286	49	49
Flat Rock Elementary School	0.1552	0.1440	0.1605	59	67
Flat Shoals Elementary School	-0.0589	-0.0715	-0.0342	48	47
Hambrick Elementary School	0.0919	0.0844	0.1038	57	63
Hawthorne Elementary School	0.1215	0.1231	0.1003	52	50
Henderson Mill Elementary School	0.0842	0.0852	0.1101	55	58
Hightower Elementary School	0.0778	0.0796	0.0376	52	47
Huntley Hills Elementary School	0.1741	0.1747	0.2027	60	67
Idlewood Elementary School	0.3504	0.3402	0.3531	69	72
Indian Creek Elementary School	0.0764	0.0745	0.1311	64	72
International Community School	0.1188	0.1180	0.1255	56	61
Ivy Prep - Kirkwood	-0.3281	-0.3420	-0.2701	31	28
Ivy Prep - Young Men's	0.0077	-0.0071	-0.0445	47	47
Jolly Elementary School	0.0270	0.0222	0.0732	58	61
Kelley Lake Elementary School	-0.0599	-0.0737	-0.0551	48	48
Kingsley Elementary School	0.0550	0.0617	0.0692	50	48

Estimated School Effects - DeKalb - Elementary English Language Arts					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Kittredge Magnet School	0.1941	0.1972	0.2657	58	61
Knollwood Elementary School	0.0808	0.0688	0.0818	53	57
Laurel Ridge Elementary School	0.1876	0.1898	0.1582	57	58
Leadership Preparatory Academy	0.1868	0.1729	0.1991	58	61
Livsey Elementary School	0.1162	0.1188	0.1333	54	55
Marbut Elementary School	0.1203	0.1073	0.1013	56	58
McLendon Elementary School	0.2301	0.2263	0.2075	66	76
Meadowview Elementary School	-0.0772	-0.0887	-0.0662	45	41
Midvale Elementary School	0.1530	0.1500	0.1356	56	59
Midway Elementary School	-0.1408	-0.1504	-0.1207	42	38
Montclair Elementary School	0.0679	0.0707	0.0407	53	54
Montgomery Elementary School	0.2349	0.2414	0.2569	58	61
Murphy Candler Elementary School	0.1075	0.0952	0.1165	53	54
Museum School Avondale Estates	0.2012	0.2038	0.1697	58	61
Narvie Harris Elementary School	0.0907	0.0766	0.0808	50	52
Oak Grove Elementary School	0.1188	0.1271	0.1556	56	58
Oakcliff Elementary School	0.0731	0.0752	0.0601	52	54
Oakview Elementary	-0.0133	-0.0248	-0.0082	50	52
Panola Way Elementary School	-0.0577	-0.0686	-0.0571	48	47
Pine Ridge Elementary School	0.1172	0.1063	0.1161	55	59
Pleasantdale Elementary School	0.0248	0.0236	0.0149	56	60
Princeton Elementary School	0.0981	0.0858	0.0944	57	63
Rainbow Elementary School	0.0742	0.0615	0.0899	55	56
Redan Elementary School	0.0318	0.0208	0.0408	52	54
Robert Shaw Theme School	0.1473	0.1315	0.1185	55	58
Rock Chapel Elementary School	0.0877	0.0774	0.0991	60	65
Rockbridge Elementary School	0.0412	0.0320	0.0538	51	53
Ronald E McNair Discover Learnin	-0.0835	-0.0959	-0.0631	41	40
Rowland Elementary School	0.0416	0.0311	0.0508	51	50
Sagamore Hills Elementary School	0.0253	0.0313	0.0659	53	56
Shadow Rock Elementary School	0.0267	0.0156	0.0296	48	47
Smoke Rise Elementary School	0.2144	0.2099	0.2063	59	61
Snapfinger Elementary School	-0.0497	-0.0622	-0.0444	46	45
Stone Mill Elementary School	0.2493	0.2412	0.2476	62	71
Stone Mountain Elementary School	0.0128	0.0040	0.0026	49	47
Stoneview Elementary School	-0.0229	-0.0321	-0.0183	45	44
The GLOBE Academy Charter School	0.3667	0.3674	0.3925	66	75
Toney Elementary School	-0.0091	-0.0217	0.0208	49	51
Vanderlyn Elementary School	0.1182	0.1256	0.1546	57	60
Wadsworth Magnet School for High	0.2562	0.2405	0.2825	58	63
Woodridge Elementary School	0.1530	0.1417	0.1284	56	57
Woodward Elementary School	0.0455	0.0490	0.0529	55	58
Wynbrooke Elementary School	0.1366	0.1211	0.1562	56	56

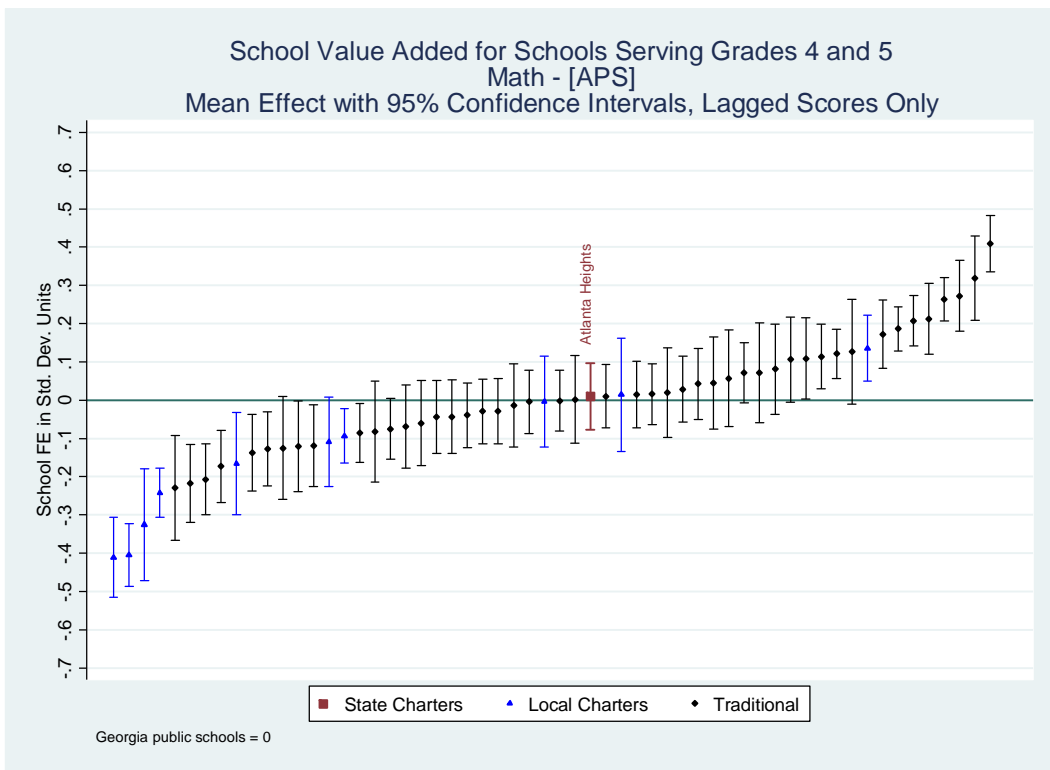
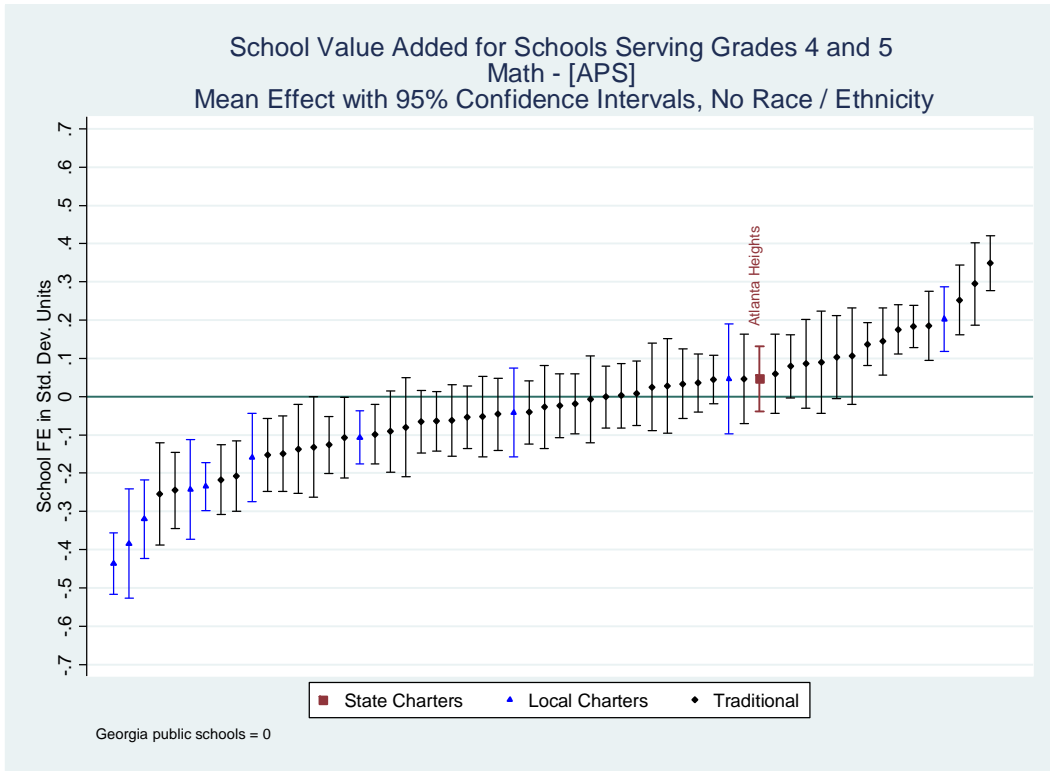
Baker Calhoun, Clay, Early and Randolph (BCCER)



<b>Estimated School Effects - BCCER - Elementary English Language Arts</b>					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Baker County K12 School	-0.0312	-0.0339	0.0201	49	53
Calhoun County Elementary School	-0.1217	-0.1346	-0.1457	42	42
Clay County Elementary	-0.2037	-0.2149	-0.2163	39	31
Early County Elementary School	-0.0889	-0.0926	-0.1239	43	39
Pataula	0.0324	0.0440	0.0307	49	49
Randolph County Elementary Schoo	0.0366	0.0275	-0.0345	48	48

### Schools Serving Grades 4 and 5 – Math

#### APS District

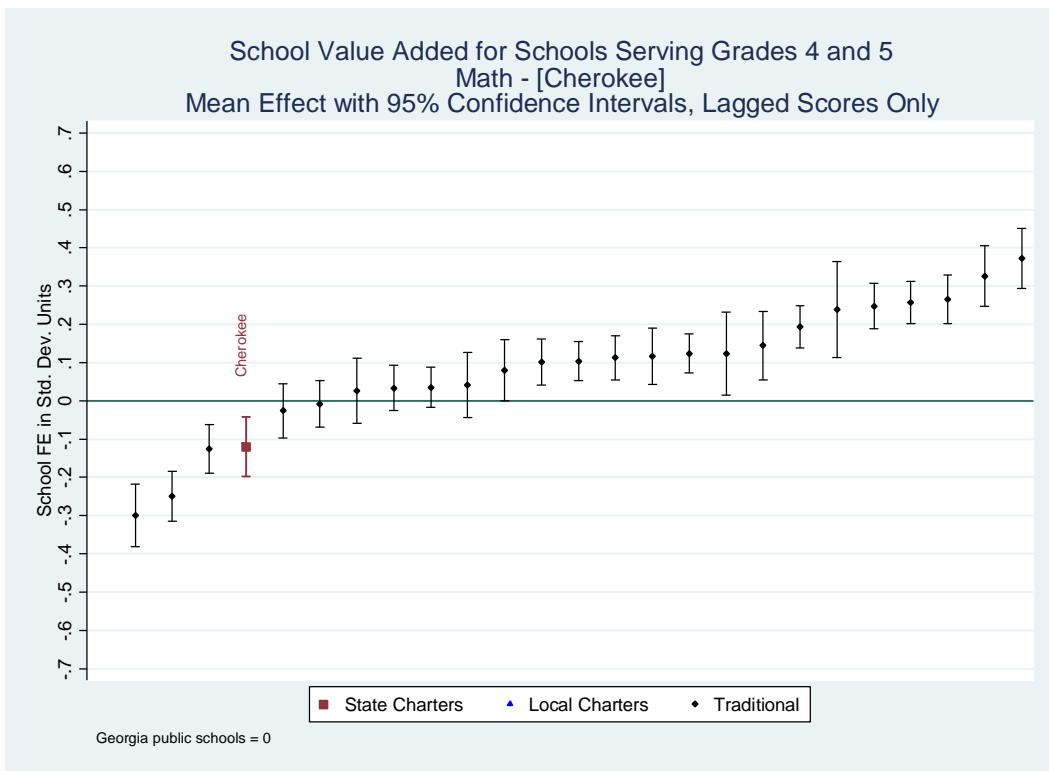
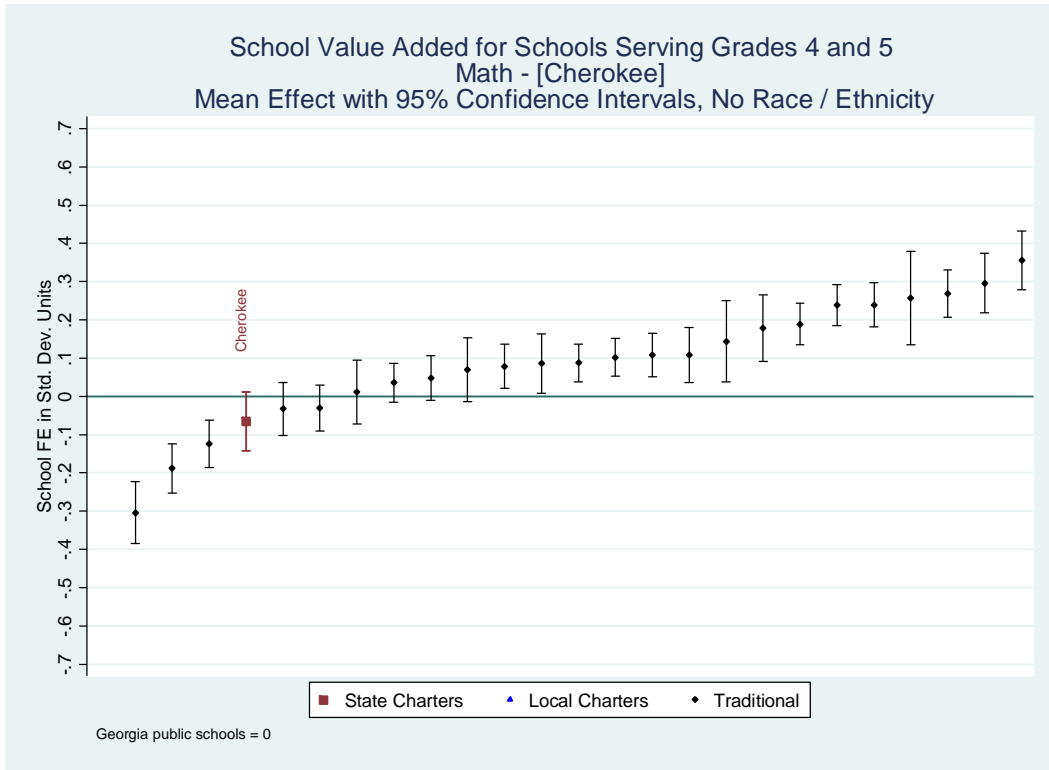


Estimated School Effects - APS - Elementary Math					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Atlanta Classical Academy	-0.3425	-0.3198	-0.4112	33	24
Atlanta Heights	0.0786	0.0468	0.0098	53	54
Bazoline E Usher/Collier Height	0.2862	0.2524	0.2724	65	72
Beecher Hills Elementary School	-0.0108	-0.0521	-0.0137	49	49
Benteen Elementary School	0.0556	0.0278	0.0573	50	49
Bethune Elementary School	-0.0307	-0.0616	-0.0434	48	51
Bolton Academy	-0.0572	-0.0651	-0.0295	51	52
Boyd Elementary School	-0.1158	-0.1488	-0.1372	42	35
Brandon Elementary School	0.1662	0.1835	0.2641	64	70
Burgess-Peterson Elementary Scho	0.1384	0.1059	0.0715	58	57
Cascade Elementary School	0.0063	-0.0275	-0.0596	48	47
Centennial Place Elementary Scho	-0.4061	-0.4361	-0.4047	32	26
Charles R Drew Charter School	-0.2025	-0.2347	-0.2420	38	28
Cleveland Elementary School	0.3300	0.2948	0.3196	68	75
Connally Elementary School	0.0260	-0.0068	0.0020	43	44
Continental Colony Elementary Sc	-0.1140	-0.1526	-0.1270	40	38
D H Stanton Elementary School	0.1205	0.0899	0.1271	52	54
Deerwood Academy School	-0.0588	-0.0986	-0.0749	50	48
Dobbs Elementary School	-0.0078	-0.0408	-0.0392	47	46
Dunbar Elementary School	0.0783	0.0462	0.0445	49	50
F L Stanton Elementary School	-0.1045	-0.1365	-0.1205	44	43
Fain Elementary School	-0.0136	-0.0457	-0.0437	43	46
Fickett Elementary School	0.1147	0.0798	0.1138	59	65
Finch Elementary	0.0420	0.0089	0.0144	51	51
Garden Hills Elementary School	0.0067	-0.0008	0.0101	50	49
Gideons Elementary School	-0.1748	-0.2070	-0.1732	31	28
Grove Park Intermediate School	0.0109	-0.0193	0.0156	47	42
Heritage Academy Elementary	0.0714	0.0335	0.0426	51	52
Humphries Elementary School	0.0588	0.0252	0.0201	52	52
Hutchinson Elementary School	-0.2122	-0.2449	-0.2183	36	35
Imagine Wesley International Aca	-0.0693	-0.1067	-0.0935	49	49
Intown Charter Academy	-0.3365	-0.3845	-0.3253	30	23
Jackson Elementary School	0.1619	0.1753	0.2073	65	70
KIPP VISION	-0.2004	-0.2422	-0.1661	39	36
KIPP West Atlanta Young Scholars	-0.1119	-0.1593	-0.1086	42	39
Kimberly Elementary School	-0.1823	-0.2167	-0.2067	38	36
Kindezi	0.0854	0.0461	0.0142	52	54
Kipp Strive Academy	0.0061	-0.0415	-0.0038	49	51
Lin Elementary School	0.3362	0.3496	0.4094	72	80
M A Jones Elementary School	0.0127	-0.0241	-0.0287	50	53
Miles Intermediate School	-0.0912	-0.1261	-0.0854	39	33
Morningside Elementary School	0.0302	0.0452	0.1211	57	63
Neighborhood Charter School	0.1864	0.2028	0.1355	63	69

Estimated School Effects - APS - Elementary Math					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Parkside Elementary School	0.1763	0.1447	0.1721	62	66
Perkerson Elementary School	-0.0195	-0.0532	-0.0045	49	44
Peyton Forest Elementary School	0.2200	0.1857	0.2126	59	65
Rivers Elementary School	-0.0543	-0.0645	-0.0013	48	47
Scott Elementary School	-0.0499	-0.0798	-0.0828	44	46
Slater Elementary School	0.0376	0.0027	0.0287	53	55
Smith Elementary School	0.1303	0.1375	0.1865	59	62
Springdale Park Elementary School	0.0260	0.0362	0.0714	53	54
The John Hope-Charles Walter Hil	0.1163	0.0858	0.0811	57	60
Thomasville Heights Elementary S	-0.0599	-0.0913	-0.0687	40	38
Toomer Elementary School	-0.1015	-0.1317	-0.1252	44	45
Towns Elementary School	0.1317	0.1033	0.1058	49	49
Venetian Hills Elementary School	-0.0730	-0.1072	-0.1193	45	42
West Manor Elementary School	0.1002	0.0596	0.1084	59	61
Whitefoord Elementary School	-0.2185	-0.2545	-0.2289	34	29

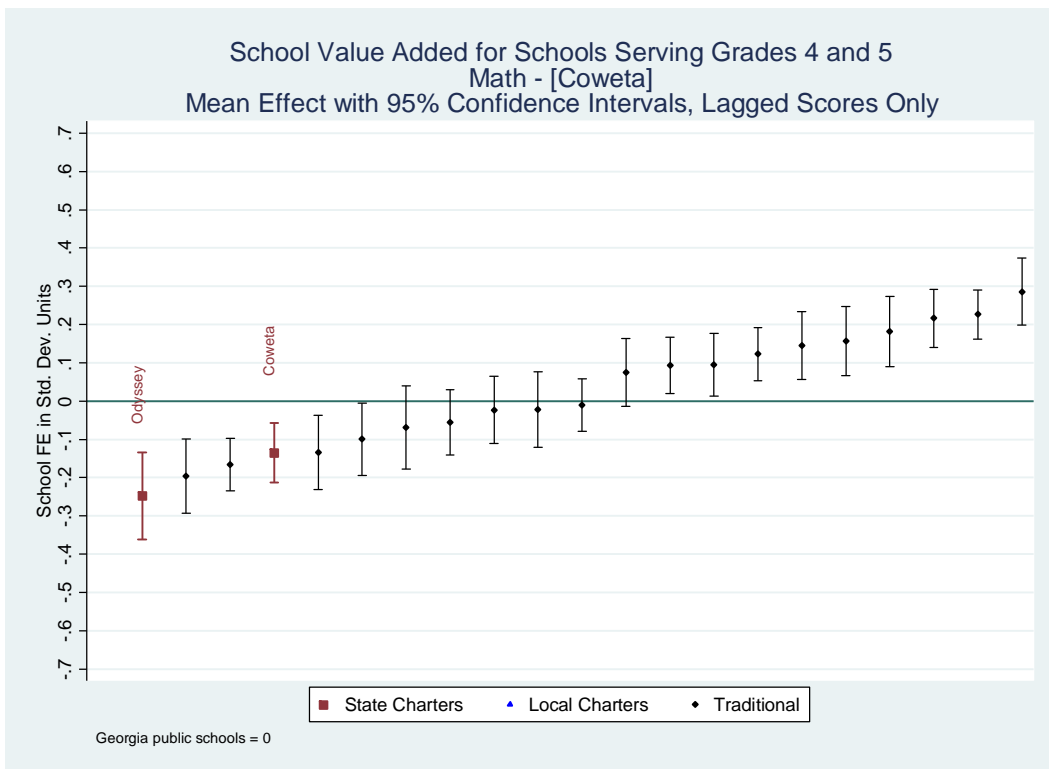
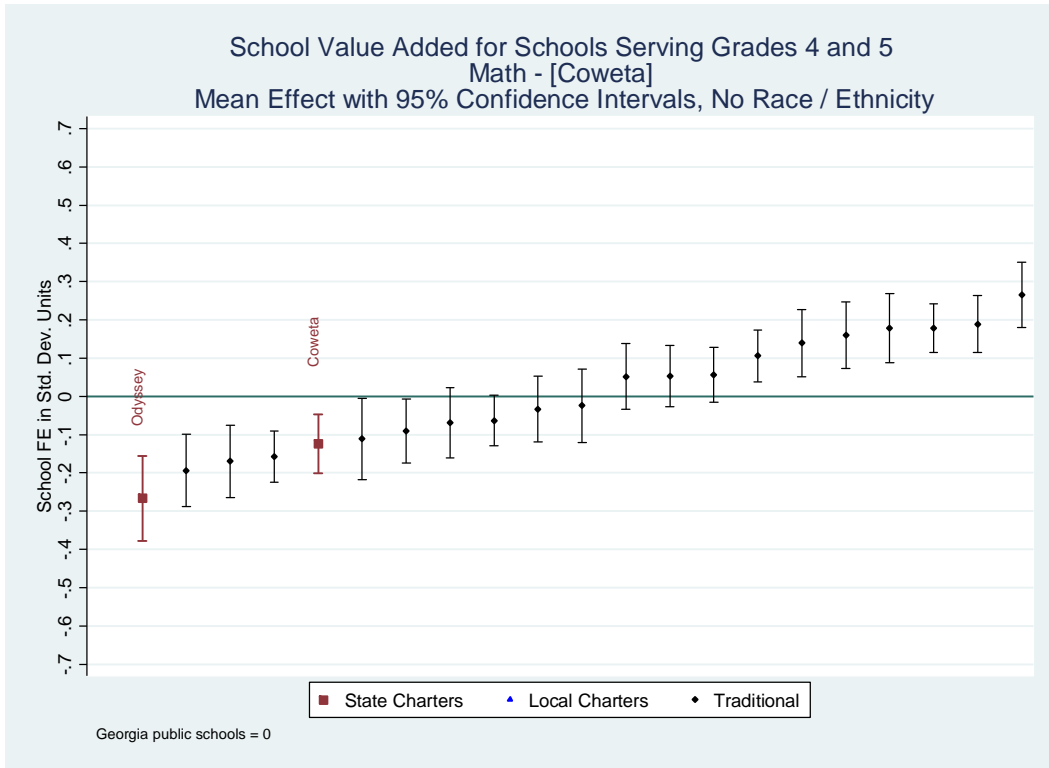


Cherokee



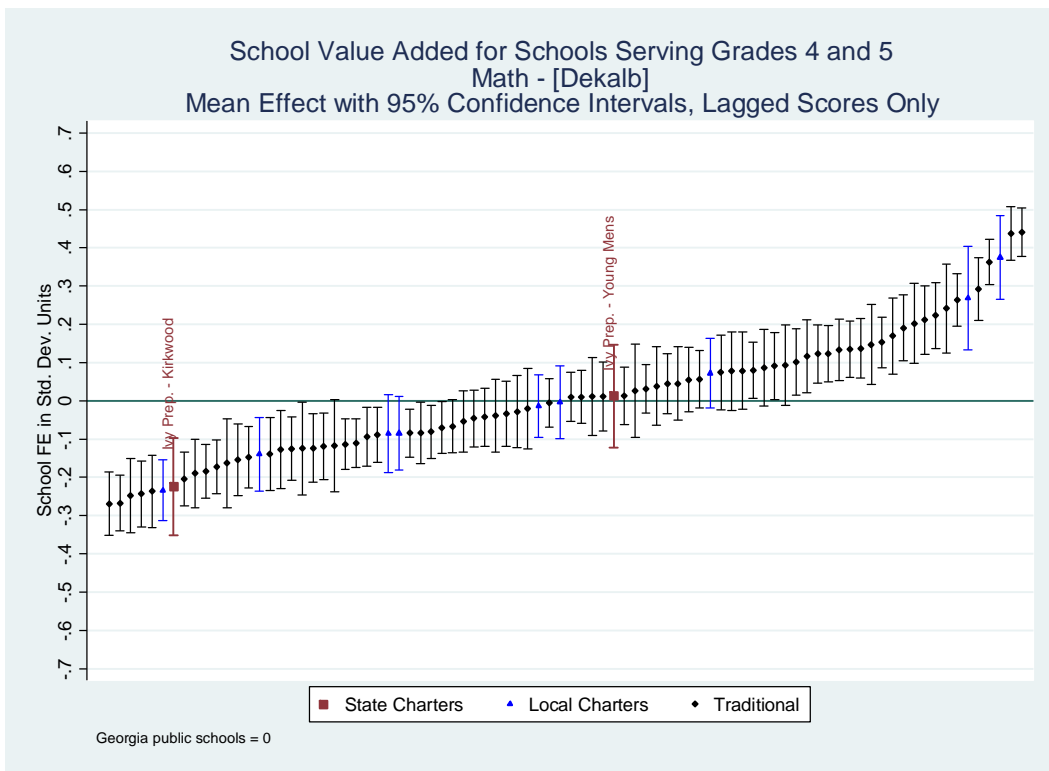
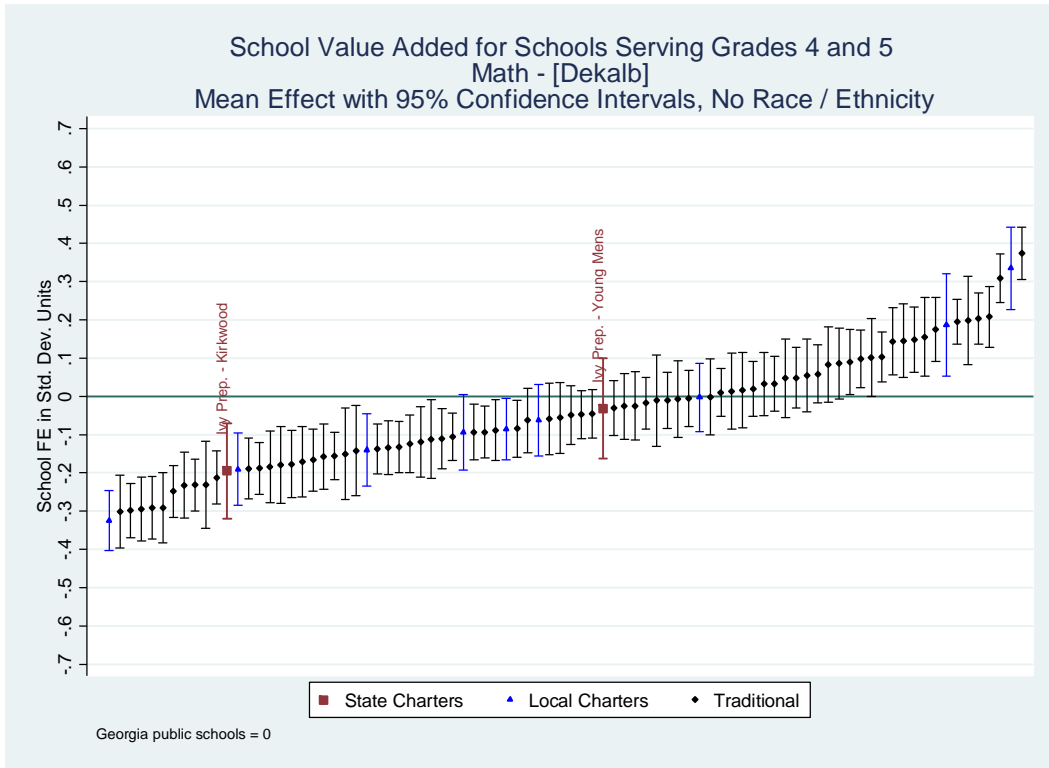
Estimated School Effects - Cherokee - Elementary Math					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Arnold Mill Elementary School	-0.0524	-0.0302	-0.0079	54	55
Avery Elementary School	0.1613	0.1893	0.1937	60	66
Ball Ground Elementary School	-0.0247	0.0120	0.0263	56	54
Bascomb Elementary School	0.2128	0.2382	0.2567	62	64
Boston Elementary School	0.3296	0.3552	0.3726	68	75
Canton Elementary	-0.0356	-0.0328	-0.0261	49	46
Carmel Elementary School	0.0208	0.0359	0.0352	52	53
Cherokee	-0.1024	-0.0655	-0.1197	47	46
Clark Creek Elementary School	0.0654	0.0788	0.1017	53	54
Clayton Elementary School	0.2120	0.2569	0.2381	70	80
Free Home Elementary School	0.1161	0.1438	0.1238	59	58
Hickory Flat Elementary School	0.0434	0.0693	0.0416	54	55
Holly Springs Elementary School	-0.1516	-0.1247	-0.1255	45	45
Indian Knoll Elementary	0.0289	0.0486	0.0338	49	51
J Knox Elementary	-0.2132	-0.1879	-0.2494	34	26
Johnston Elementary School	0.2779	0.2959	0.3262	66	75
Liberty Elementary School	0.0808	0.1018	0.1041	54	56
Little River Elem	0.0710	0.0876	0.1236	61	64
Macedonia Elementary School	0.2396	0.2691	0.2654	68	76
Mountain Road Elementary School	0.0616	0.0862	0.0799	51	54
Oak Grove Elementary School	-0.3165	-0.3038	-0.2994	35	24
R M Moore Elementary School	0.1404	0.1782	0.1447	57	61
Sixes Elementary School	0.2147	0.2394	0.2474	65	70
William G Hasty, Sr Elementary	0.0998	0.1090	0.1170	60	63
Woodstock Elementary School	0.0935	0.1082	0.1133	54	54

Coweta



Estimated School Effects - Coweta - Elementary Math					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Arbor Springs Elementary	0.1206	0.1393	0.1565	56	55
Arnco-Sargent Elementary School	0.1514	0.1784	0.1818	65	73
Atkinson Elementary School	0.2586	0.2658	0.2863	66	72
Brooks Elementary	0.0835	0.1065	0.1228	54	60
Canongate Elementary School	0.1659	0.1889	0.2161	61	69
Coweta	-0.1416	-0.1239	-0.1352	43	38
Eastside Elementary School	-0.1233	-0.0899	-0.0550	49	42
Elm Street Elementary School	0.1497	0.1606	0.1453	59	62
Glanton Elementary	-0.1338	-0.1112	-0.0688	51	47
Jefferson Parkway Elementary Sch	-0.0672	-0.0691	-0.0994	44	45
Moreland Elementary School	-0.0562	-0.0330	-0.0229	44	43
Newnan Crossing Elementary Schoo	0.1764	0.1789	0.2264	62	68
Northside Elementary School	-0.0383	-0.0245	-0.0223	47	47
Odyssey	-0.2688	-0.2661	-0.2482	39	35
Poplar Road Elementary School	0.0321	0.0527	0.0954	59	61
Ruth Hill Elementary School	-0.1983	-0.1934	-0.1958	37	34
Thomas Crossroads Elementary Sch	0.0284	0.0520	0.0750	55	57
Welch Elementary School	-0.1623	-0.1578	-0.1664	39	37
Western Elementary School	-0.1819	-0.1698	-0.1345	46	48
White Oak Elementary School	0.0454	0.0568	0.0933	59	62
Willis Road Elementary	-0.0865	-0.0631	-0.0104	51	53

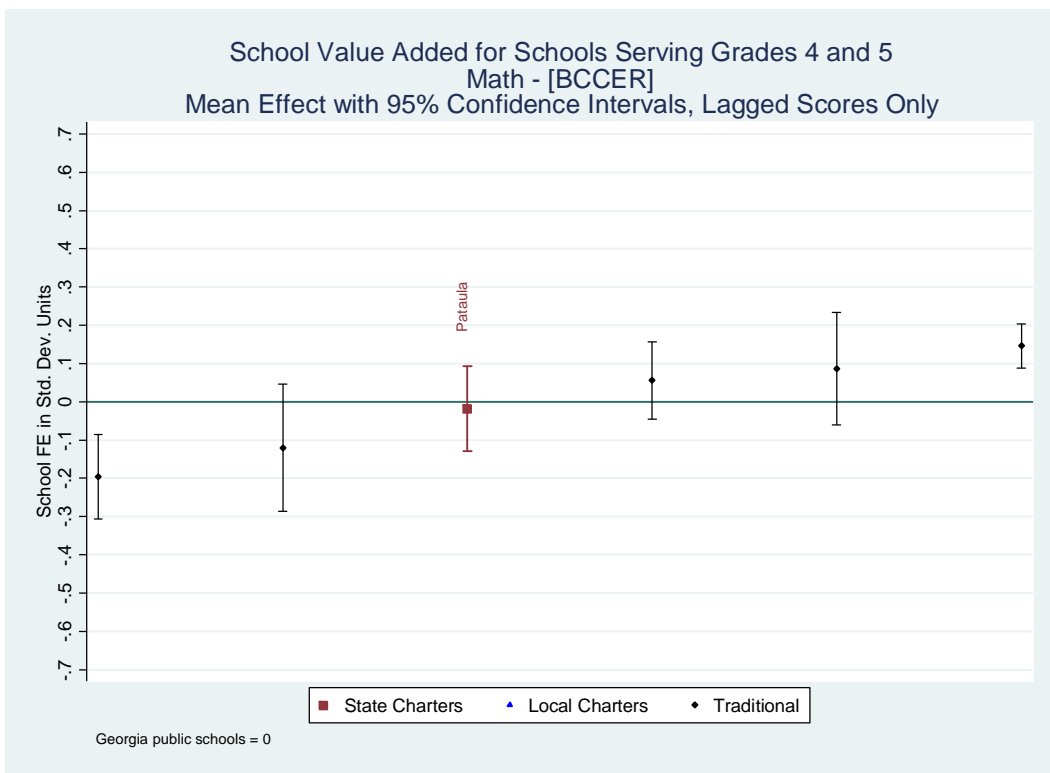
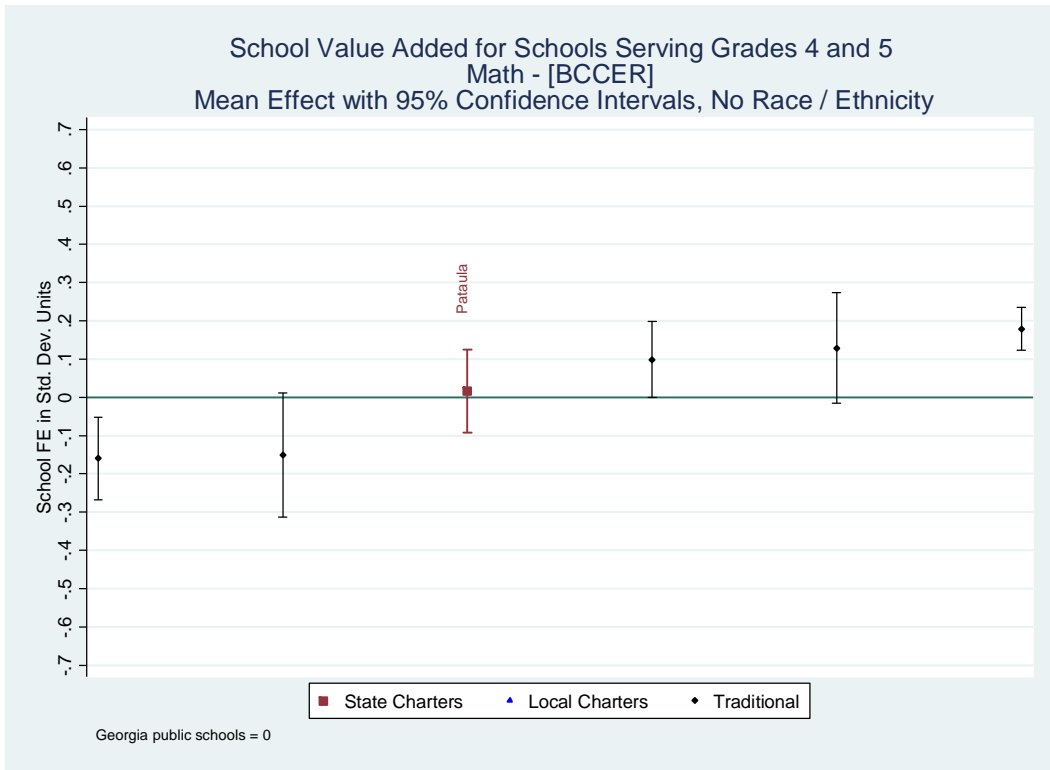
DeKalb



Estimated School Effects - DeKalb - Elementary Math					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Allgood Elementary School	-0.1432	-0.1663	-0.1255	44	42
Ashford Park Elementary School	-0.0711	-0.0587	-0.0387	47	44
Austin Elementary School	0.1846	0.2079	0.2920	64	68
Avondale Elementary School	-0.1149	-0.1423	-0.1171	47	54
Bob Mathis Elementary School	0.0283	-0.0012	0.0111	50	53
Briar Vista Elementary School	-0.2293	-0.2307	-0.1632	46	44
Briarlake Elementary School	-0.0046	0.0137	0.0778	56	62
Brockett Elementary School	0.1711	0.1748	0.2228	67	72
Browns Mill Elementary School	-0.1043	-0.1334	-0.0892	46	44
Canby Lane Elementary School	-0.1644	-0.1885	-0.1480	43	42
Cary Reynolds Elementary School	-0.0487	-0.0452	0.0104	50	49
Cedar Grove Elementary School	-0.1304	-0.1577	-0.1185	43	38
Chapel Hill Elementary School	-0.0595	-0.0883	-0.0539	49	50
Chesnut Elementary School	0.0030	-0.0026	0.0725	61	61
Clifton Elementary School	0.0734	0.0474	0.0936	58	60
Columbia Elementary School	0.1808	0.1477	0.1910	58	61
DeKalb Academy of Technology and	-0.2846	-0.3240	-0.2338	38	32
DeKalb Elementary School of the	0.1792	0.1436	0.2114	65	75
DeKalb PATH Academy Charter Scho	0.3383	0.3350	0.3748	65	72
DeKalb Preparatory Academy Chart	-0.0624	-0.0942	-0.0858	43	41
Dresden Elementary School	-0.1512	-0.1558	-0.1109	38	35
Dunaire Elementary School	-0.0880	-0.1101	-0.0844	41	37
Dunwoody Elementary School	-0.0440	-0.0310	0.0800	50	51
Edward L. Bouie, Sr Elementary	-0.2117	-0.2482	-0.1729	48	47
Eldridge L. Miller Elementary Sc	-0.1608	-0.1843	-0.1391	42	33
Evansdale Elementary School	-0.0498	-0.0485	0.0451	58	62
Fairington Elementary School	-0.2663	-0.2913	-0.2685	36	31
Fernbank Elementary School	0.0055	0.0201	0.1239	62	72
Flat Rock Elementary School	-0.0779	-0.1057	-0.0846	45	43
Flat Shoals Elementary School	-0.2689	-0.3011	-0.2475	34	30
Hambrick Elementary School	-0.2802	-0.2939	-0.2431	37	31
Hawthorne Elementary School	-0.0112	-0.0073	0.0386	56	58
Henderson Mill Elementary School	0.0502	0.0487	0.1336	55	55
Hightower Elementary School	-0.0119	-0.0172	0.0105	50	49
Huntley Hills Elementary School	-0.1228	-0.1191	-0.0279	48	48
Idlewood Elementary School	0.3829	0.3736	0.4376	72	80
Indian Creek Elementary School	0.2846	0.3085	0.4411	69	78
International Community School	-0.0705	-0.0621	-0.0031	51	52
Ivy Prep - Kirkwood	-0.1598	-0.1948	-0.2238	38	35
Ivy Prep - Young Men's	0.0058	-0.0319	0.0129	53	52
Jolly Elementary School	-0.1982	-0.1882	-0.0670	42	40
Kelley Lake Elementary School	0.2323	0.1986	0.2413	59	63
Kingsley Elementary School	-0.0952	-0.0852	-0.0140	49	53

Estimated School Effects - DeKalb - Elementary Math					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Kittredge Magnet School	0.1855	0.1945	0.3631	65	72
Knollwood Elementary School	0.0193	-0.0109	0.0268	48	50
Laurel Ridge Elementary School	0.1390	0.1458	0.1697	65	73
Leadership Preparatory Academy	-0.1542	-0.1903	-0.1397	44	43
Livsey Elementary School	-0.1198	-0.1115	-0.0204	52	49
Marbut Elementary School	-0.0599	-0.0933	-0.0812	47	44
McLendon Elementary School	-0.1566	-0.1504	-0.1243	39	37
Meadowview Elementary School	-0.1504	-0.1795	-0.1272	41	37
Midvale Elementary School	-0.1722	-0.1766	-0.1232	48	54
Midway Elementary School	-0.2683	-0.2912	-0.2365	33	28
Montclair Elementary School	-0.0434	-0.0476	-0.0058	51	55
Montgomery Elementary School	-0.0277	-0.0105	0.0563	56	56
Murphy Candler Elementary School	0.1171	0.0858	0.1169	58	60
Museum School Avondale Estates	0.0771	0.0835	0.0870	58	57
Narvie Harris Elementary School	0.0466	0.0103	0.0316	60	63
Oak Grove Elementary School	0.0347	0.0590	0.1373	60	65
Oakcliff Elementary School	-0.0940	-0.0936	-0.0459	46	45
Oakview Elementary	-0.2706	-0.2986	-0.2668	37	33
Panola Way Elementary School	-0.2046	-0.2316	-0.2040	40	36
Pine Ridge Elementary School	-0.0575	-0.0843	-0.0428	50	50
Pleasantdale Elementary School	0.0064	-0.0054	0.0134	49	46
Princeton Elementary School	-0.1051	-0.1375	-0.1132	46	44
Rainbow Elementary School	0.1332	0.1021	0.1473	57	64
Redan Elementary School	0.0019	-0.0247	0.0114	52	51
Robert Shaw Theme School	0.0605	0.0324	0.0549	56	60
Rock Chapel Elementary School	-0.0356	-0.0628	-0.0334	50	49
Rockbridge Elementary School	0.1784	0.1560	0.2027	63	73
Ronald E McNair Discover Learnin	-0.0999	-0.1320	-0.0701	44	44
Rowland Elementary School	-0.2044	-0.2318	-0.1898	44	45
Sagamore Hills Elementary School	-0.0659	-0.0561	0.0455	54	60
Shadow Rock Elementary School	-0.0955	-0.1234	-0.0935	45	44
Smoke Rise Elementary School	-0.1270	-0.1400	-0.0847	48	51
Snapfinger Elementary School	0.1297	0.0978	0.1225	55	58
Stone Mill Elementary School	0.0733	0.0545	0.0746	55	59
Stone Mountain Elementary School	-0.1508	-0.1708	-0.1539	41	39
Stoneview Elementary School	-0.1873	-0.2118	-0.1838	38	34
The GLOBE Academy Charter School	0.1865	0.1871	0.2690	66	71
Toney Elementary School	0.0486	0.0166	0.0789	56	57
Vanderlyn Elementary School	0.0074	0.0335	0.1345	53	55
Wadsworth Magnet School for High	0.0154	-0.0260	0.0911	57	59
Woodridge Elementary School	0.1186	0.0907	0.1010	59	62
Woodward Elementary School	0.1071	0.1033	0.1529	54	54
Wynbrooke Elementary School	0.2444	0.2038	0.2635	67	70

Baker Calhoun, Clay, Early and Randolph (BCCER)

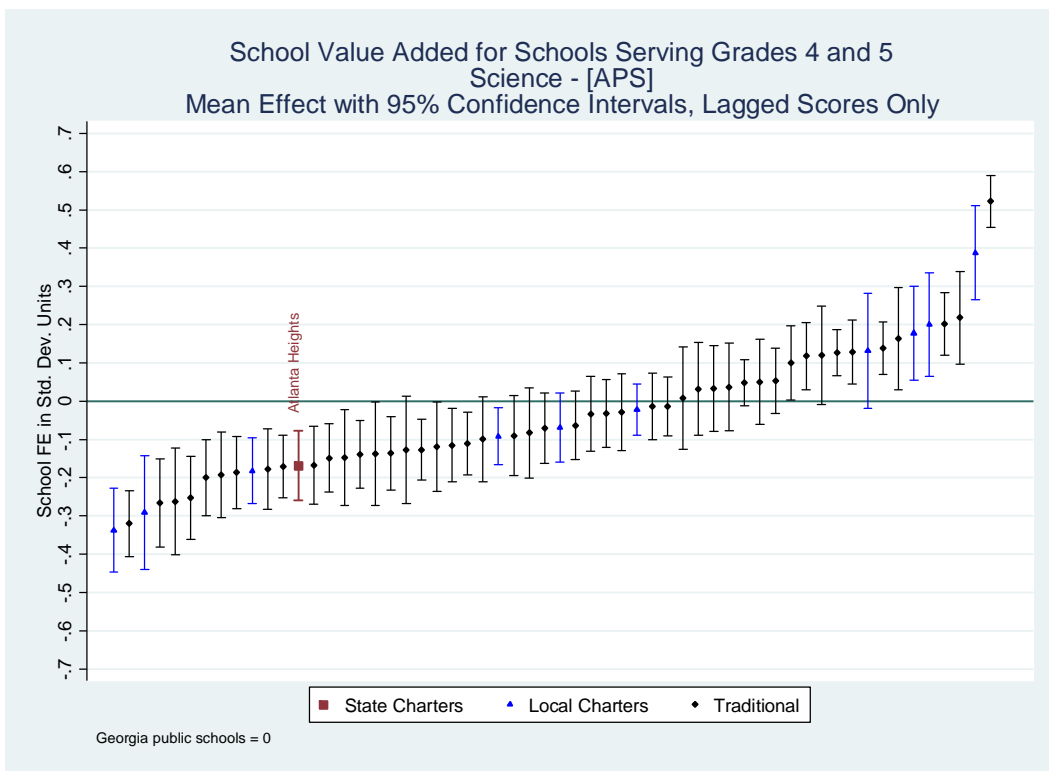
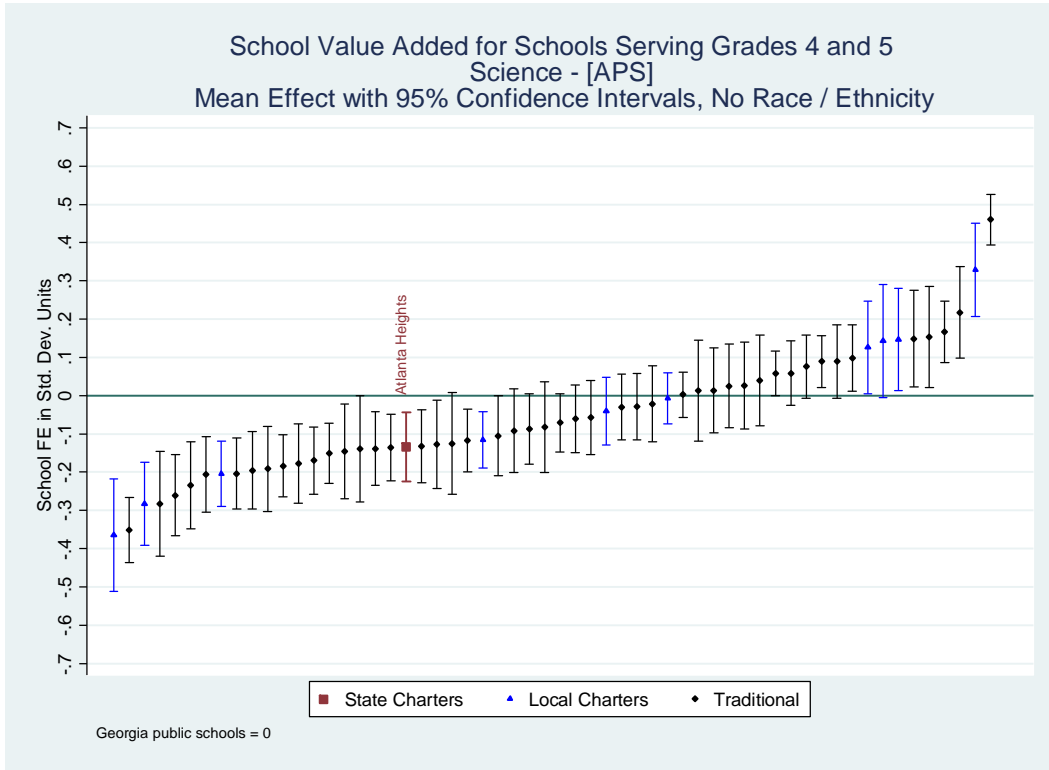




Estimated School Effects - BCCER - Elementary Math					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Baker County K12 School	-0.1299	-0.1506	-0.1203	34	30
Calhoun County Elementary School	-0.1278	-0.1598	-0.1958	41	39
Clay County Elementary	0.1570	0.1291	0.0865	63	66
Early County Elementary School	0.1858	0.1786	0.1460	55	58
Pataula	-0.0174	0.0166	-0.0178	53	59
Randolph County Elementary School	0.1219	0.0989	0.0558	50	53

### Schools Serving Grades 4 and 5 – Science

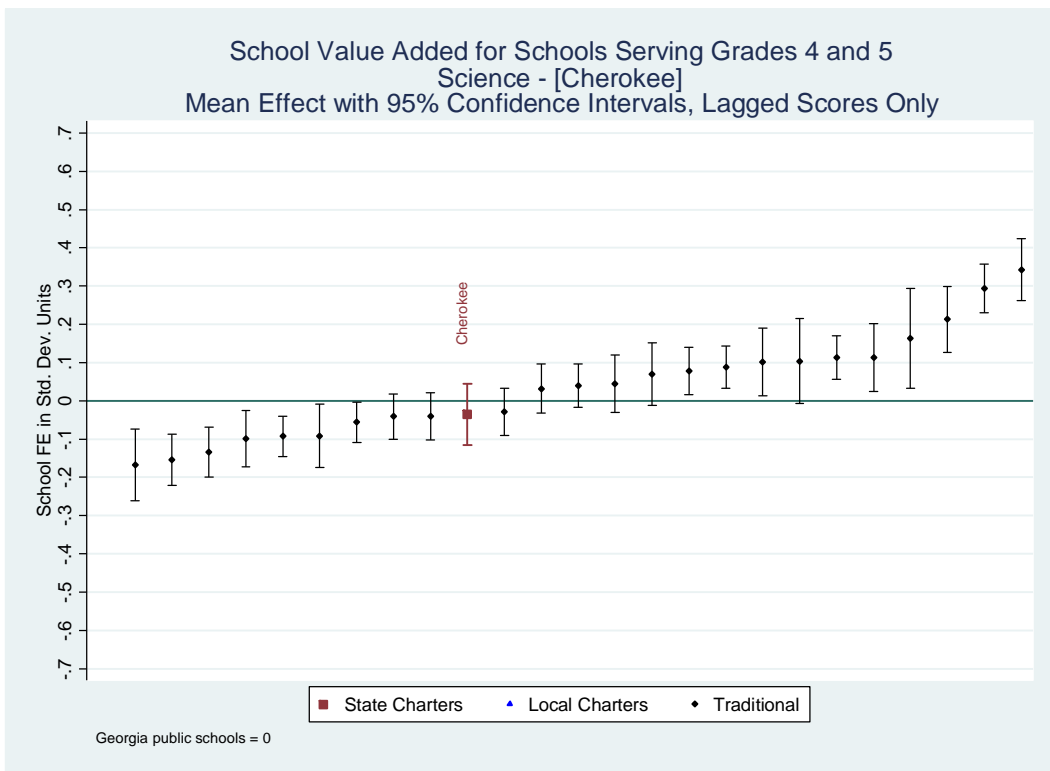
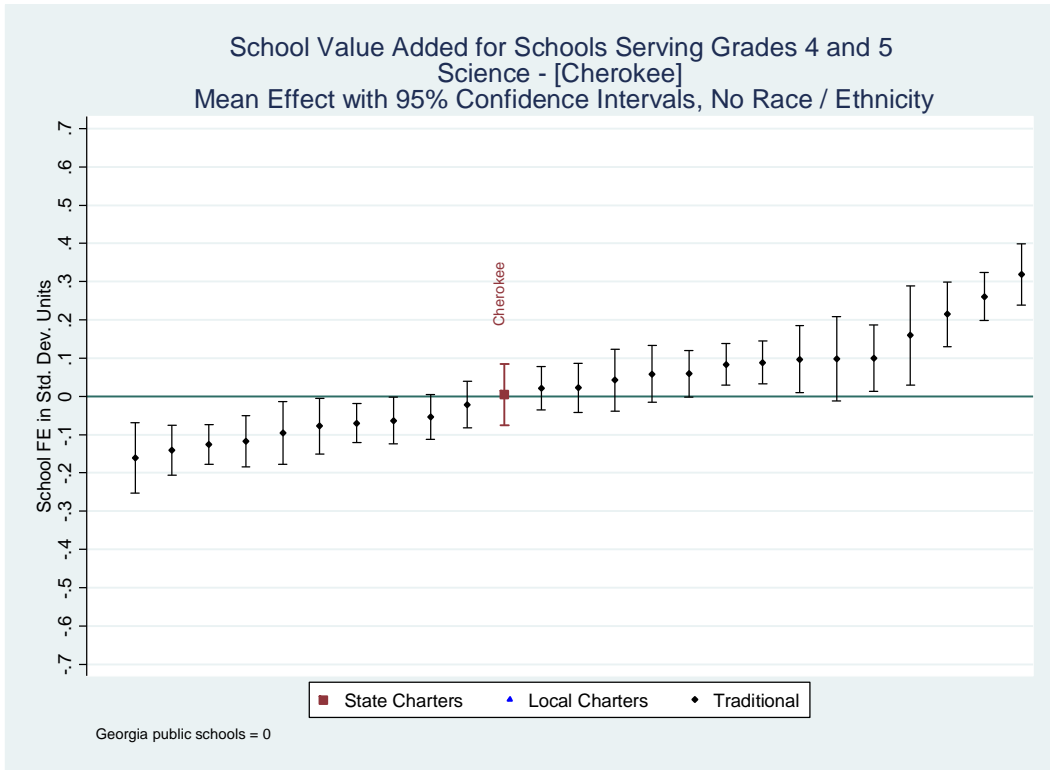
#### APS District



Estimated School Effects - APS - Elementary Science					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Atlanta Classical Academy	-0.3182	-0.2831	-0.3374	33	22
Atlanta Heights	-0.0804	-0.1342	-0.1685	41	35
Bazoline E Usher/Collier Height	0.1472	0.0895	0.1001	58	61
Beecher Hills Elementary School	0.0815	0.0137	0.0332	56	61
Benteen Elementary School	0.1900	0.1539	0.1634	59	65
Bethune Elementary School	-0.1538	-0.2052	-0.1997	36	32
Bolton Academy	-0.0233	-0.0302	-0.0141	50	47
Boyd Elementary School	-0.1212	-0.1775	-0.1774	43	38
Brandon Elementary School	0.0316	0.0582	0.1264	54	56
Burgess-Peterson Elementary Scho	0.2047	0.1492	0.1201	57	58
Cascade Elementary School	-0.1736	-0.2341	-0.2658	42	38
Centennial Place Elementary Scho	-0.1546	-0.2046	-0.1818	42	38
Charles R Drew Charter School	0.0462	-0.0069	-0.0221	51	51
Cleveland Elementary School	0.0842	0.0263	0.0371	58	61
Connally Elementary School	-0.0270	-0.0824	-0.0827	46	45
Continental Colony Elementary Sc	-0.1302	-0.1955	-0.1678	44	37
D H Stanton Elementary School	-0.0870	-0.1393	-0.1271	40	38
Deerwood Academy School	-0.1181	-0.1840	-0.1708	43	40
Dobbs Elementary School	0.0269	-0.0288	-0.0323	53	53
Dunbar Elementary School	-0.0923	-0.1455	-0.1473	41	38
F L Stanton Elementary School	-0.0712	-0.1273	-0.1189	46	47
Fain Elementary School	0.0322	-0.0214	-0.0288	48	44
Fickett Elementary School	0.1579	0.0981	0.1179	56	65
Finch Elementary	-0.0046	-0.0606	-0.0633	46	47
Garden Hills Elementary School	0.0649	0.0590	0.0531	55	56
Gideons Elementary School	-0.0031	-0.0575	-0.0334	48	49
Grove Park Intermediate School	-0.0665	-0.1173	-0.1103	45	47
Heritage Academy Elementary	-0.0743	-0.1382	-0.1363	44	42
Humphries Elementary School	0.0907	0.0401	0.0323	55	57
Hutchinson Elementary School	-0.0516	-0.1053	-0.0898	47	42
Imagine Wesley International Aca	-0.0567	-0.1157	-0.0918	46	43
Intown Charter Academy	-0.2867	-0.3645	-0.2914	31	29
Jackson Elementary School	0.0677	0.0892	0.1378	56	58
KIPP VISION	0.2135	0.1468	0.2006	64	74
KIPP West Atlanta Young Scholars	0.4045	0.3286	0.3879	74	86
Kimberly Elementary School	-0.1451	-0.2034	-0.1865	41	36
Kindezi	0.2070	0.1428	0.1312	56	59
Kipp Strive Academy	0.2036	0.1260	0.1777	61	64
Lin Elementary School	-0.0937	-0.0707	-0.0136	47	46
M A Jones Elementary School	-0.0745	-0.1355	-0.1390	47	43
Miles Intermediate School	-0.0916	-0.1505	-0.1266	41	38
Morningside Elementary School	0.4365	0.4604	0.5222	65	71
Neighborhood Charter School	-0.0678	-0.0408	-0.0691	47	43

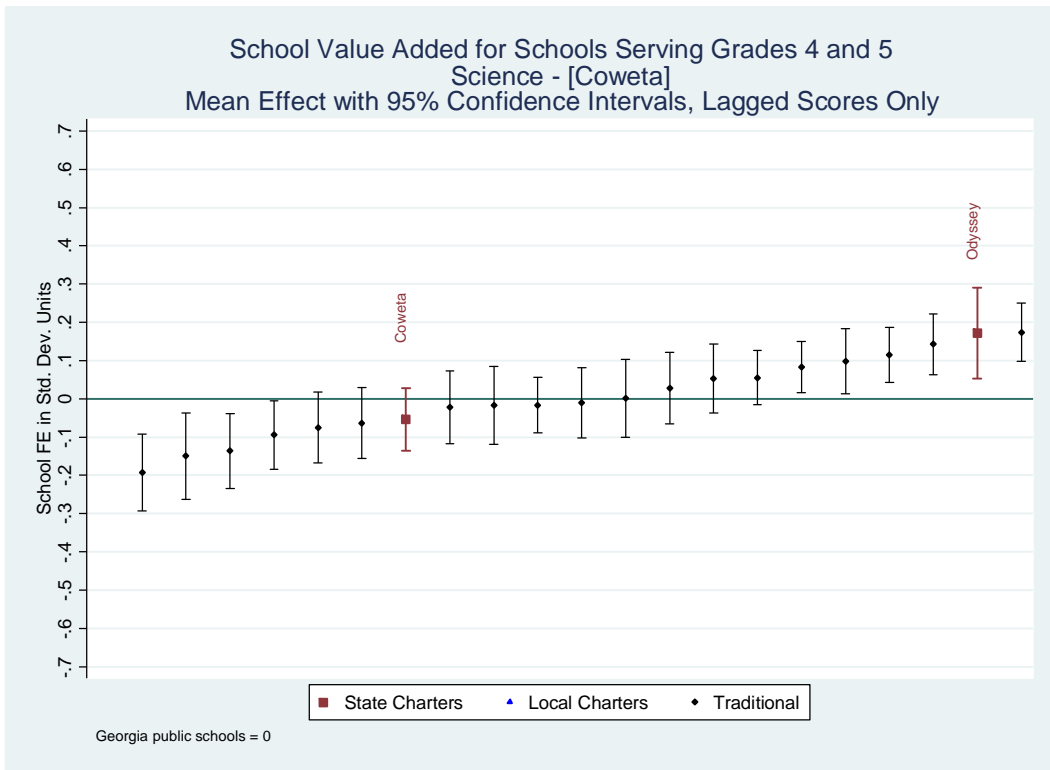
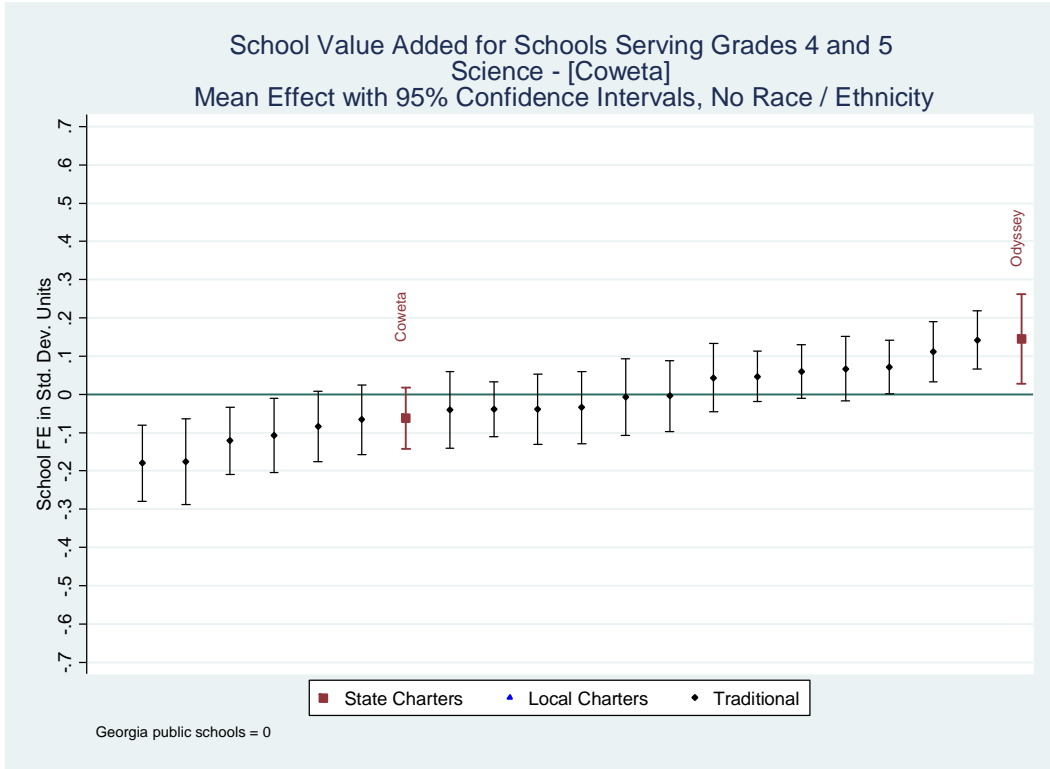
Estimated School Effects - APS - Elementary Science					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Parkside Elementary School	-0.0343	-0.0867	-0.0706	47	47
Perkerson Elementary School	-0.2948	-0.3511	-0.3201	30	27
Peyton Forest Elementary School	-0.0758	-0.1319	-0.1153	41	37
Rivers Elementary School	0.0894	0.0759	0.1278	57	61
Scott Elementary School	-0.0737	-0.1253	-0.1369	40	41
Slater Elementary School	-0.1098	-0.1694	-0.1483	41	42
Smith Elementary School	-0.0102	0.0028	0.0483	53	54
Springdale Park Elementary School	0.1493	0.1661	0.2022	57	61
The John Hope-Charles Walter Hil	0.2679	0.2176	0.2179	61	62
Thomasville Heights Elementary S	-0.2067	-0.2603	-0.2529	31	22
Toomer Elementary School	0.0645	0.0131	0.0084	49	43
Towns Elementary School	-0.1481	-0.1916	-0.1928	44	41
Venetian Hills Elementary School	-0.0318	-0.0920	-0.0996	51	53
West Manor Elementary School	0.0916	0.0251	0.0499	54	60
Whitefoord Elementary School	-0.2239	-0.2830	-0.2624	42	35

Cherokee



Estimated School Effects - Cherokee - Elementary Science					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Arnold Mill Elementary School	0.2238	0.2608	0.2938	63	69
Avery Elementary School	-0.0227	0.0210	0.0396	52	53
Ball Ground Elementary School	0.0401	0.0972	0.1131	52	54
Bascomb Elementary School	0.0479	0.0887	0.1126	52	54
Boston Elementary School	0.2766	0.3189	0.3431	64	69
Canton Elementary	-0.0917	-0.0776	-0.0983	47	46
Carmel Elementary School	0.0564	0.0840	0.0883	56	57
Cherokee	-0.0527	0.0045	-0.0355	47	47
Clark Creek Elementary School	0.0347	0.0594	0.0785	54	55
Clayton Elementary School	0.0907	0.1593	0.1632	64	73
Free Home Elementary School	0.0536	0.0990	0.1041	53	57
Hickory Flat Elementary School	0.0591	0.1002	0.1013	55	56
Holly Springs Elementary School	-0.1834	-0.1407	-0.1342	39	31
Indian Knoll Elementary	-0.0556	-0.0217	-0.0292	50	51
J Knox Elementary	-0.1586	-0.1177	-0.1538	45	39
Johnston Elementary School	0.0101	0.0430	0.0698	50	50
Liberty Elementary School	-0.1051	-0.0697	-0.0558	48	46
Little River Elem	-0.1548	-0.1254	-0.0923	45	40
Macedonia Elementary School	-0.0236	0.0224	0.0322	50	48
Mountain Road Elementary School	-0.1348	-0.0962	-0.0914	44	41
Oak Grove Elementary School	0.1892	0.2145	0.2130	60	60
R M Moore Elementary School	-0.2197	-0.1607	-0.1678	42	41
Sixes Elementary School	-0.1031	-0.0630	-0.0398	47	47
William G Hasty, Sr Elementary	0.0347	0.0587	0.0449	53	56
Woodstock Elementary School	-0.0791	-0.0541	-0.0408	49	49

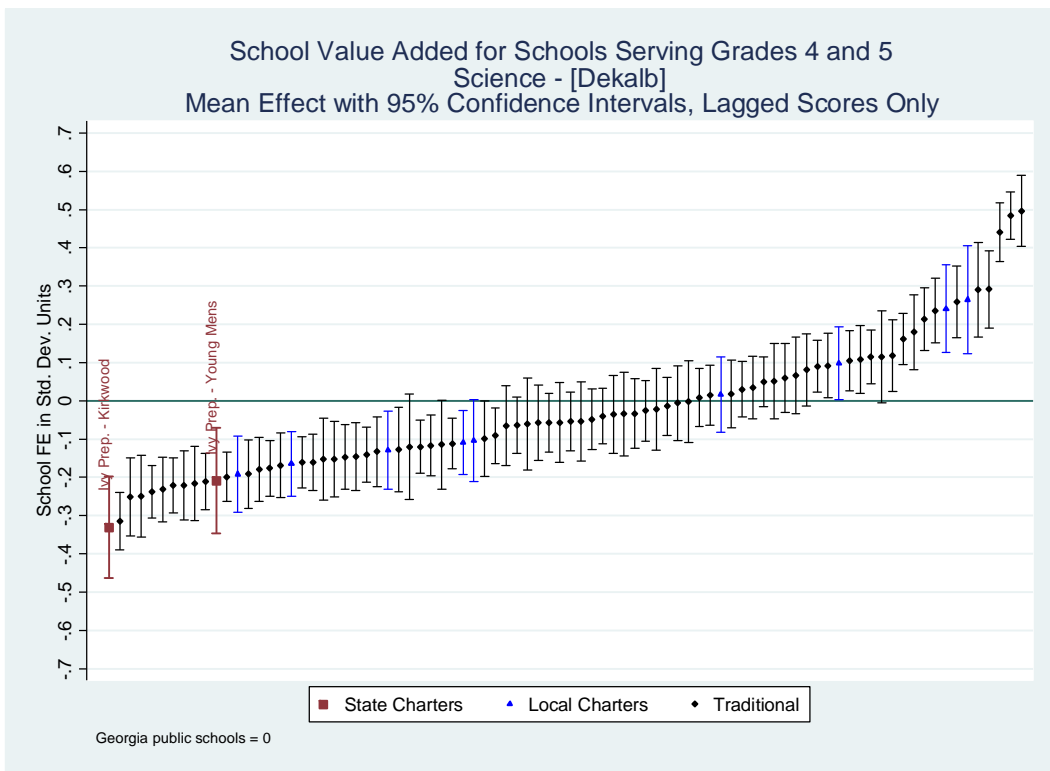
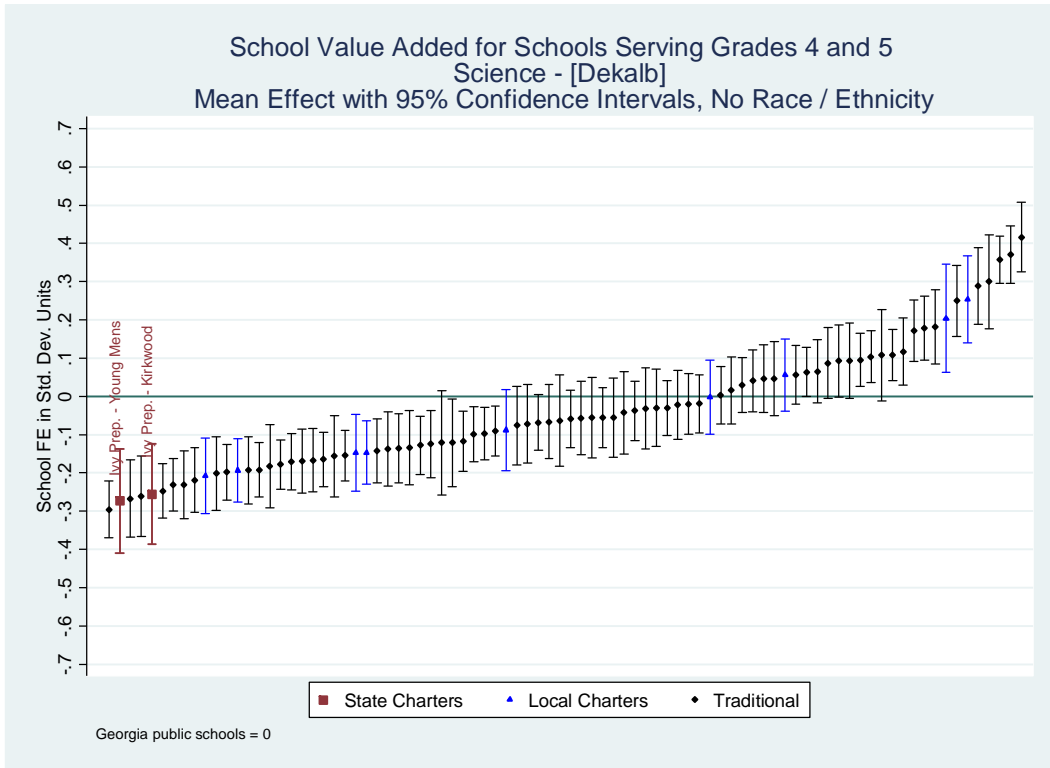
**Coweta**



Estimated School Effects - Coweta - Elementary Science					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Arbor Springs Elementary	-0.0345	-0.0044	0.0280	50	51
Arnco-Sargent Elementary School	-0.0772	-0.0344	-0.0226	51	53
Atkinson Elementary School	0.0315	0.0433	0.0531	54	59
Brooks Elementary	-0.0757	-0.0387	-0.0164	48	47
Canongate Elementary School	0.0749	0.1116	0.1428	56	58
Coweta	-0.0911	-0.0623	-0.0539	45	46
Eastside Elementary School	-0.1727	-0.1212	-0.0943	40	36
Elm Street Elementary School	-0.0847	-0.0662	-0.0633	47	46
Glanton Elementary	-0.2106	-0.1761	-0.1496	45	38
Jefferson Parkway Elementary Sch	-0.1077	-0.1074	-0.1360	42	42
Moreland Elementary School	-0.1212	-0.0840	-0.0749	47	44
Newnan Crossing Elementary Schoo	0.0427	0.0471	0.0828	54	56
Northside Elementary School	-0.0271	-0.0067	0.0014	47	46
Odyssey	0.1375	0.1449	0.1719	57	56
Poplar Road Elementary School	0.0371	0.0673	0.0980	53	53
Ruth Hill Elementary School	-0.1862	-0.1794	-0.1921	38	29
Thomas Crossroads Elementary Sch	-0.0762	-0.0386	-0.0103	47	42
Welch Elementary School	0.0529	0.0594	0.0556	53	53
Western Elementary School	-0.0594	-0.0408	-0.0173	51	59
White Oak Elementary School	0.1230	0.1423	0.1741	56	56
Willis Road Elementary	0.0326	0.0716	0.1150	55	60



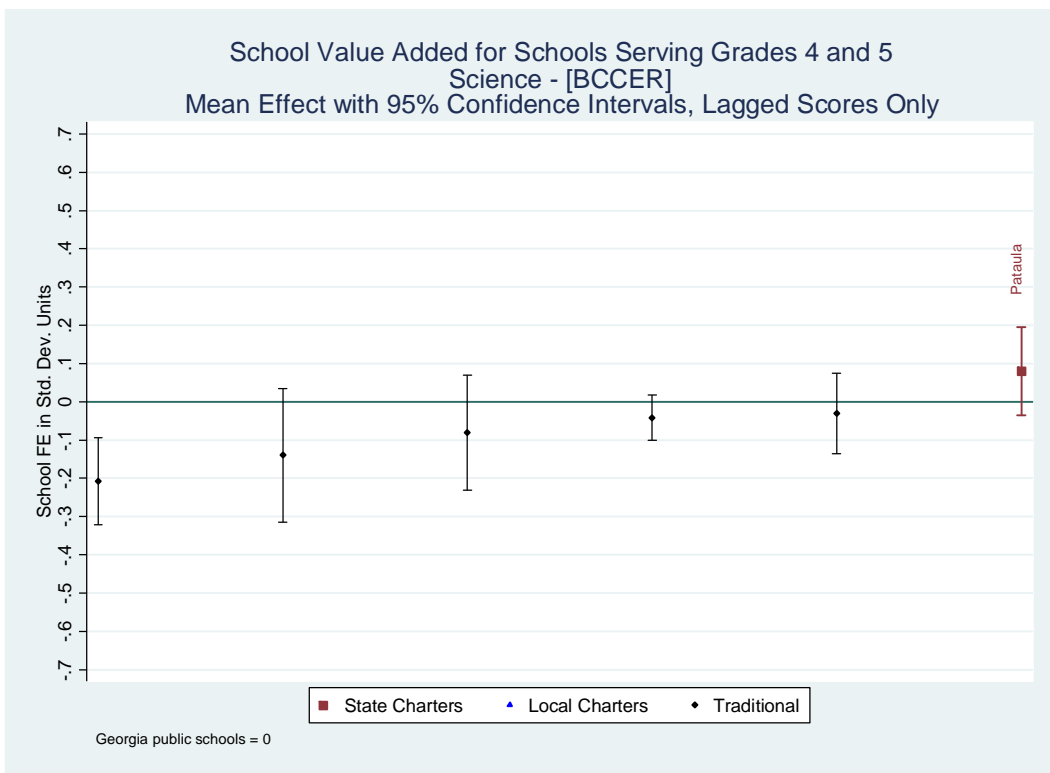
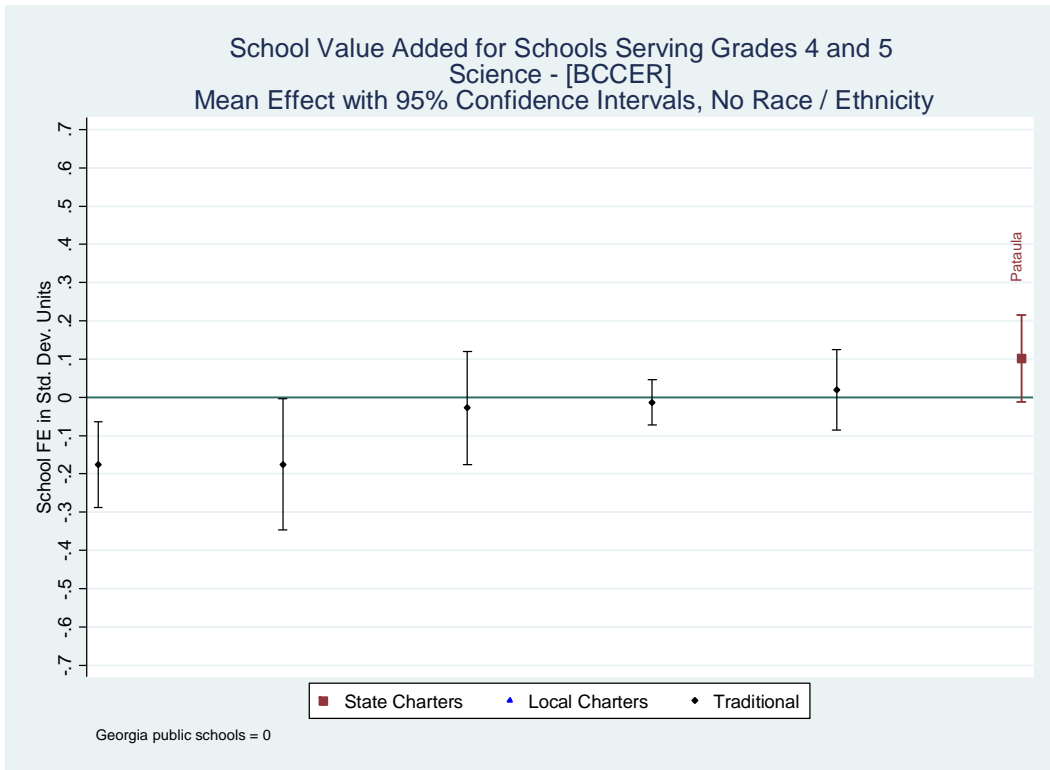
DeKalb



Estimated School Effects - DeKalb - Elementary Science					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Allgood Elementary School	-0.1241	-0.1692	-0.1686	41	38
Ashford Park Elementary School	-0.1585	-0.1372	-0.1519	39	35
Austin Elementary School	0.1436	0.1789	0.2357	57	61
Avondale Elementary School	-0.0732	-0.1211	-0.1201	43	39
Bob Mathis Elementary School	0.0202	-0.0302	-0.0357	44	43
Briar Vista Elementary School	-0.1196	-0.1209	-0.1142	44	40
Briarlake Elementary School	-0.0826	-0.0558	-0.0225	45	45
Brockett Elementary School	0.0429	0.0465	0.0600	52	56
Browns Mill Elementary School	-0.1221	-0.1708	-0.1607	44	44
Canby Lane Elementary School	-0.1238	-0.1666	-0.1788	41	36
Cary Reynolds Elementary School	0.0907	0.1038	0.0904	54	54
Cedar Grove Elementary School	0.0631	0.0157	0.0184	49	47
Chapel Hill Elementary School	-0.0939	-0.1424	-0.1468	43	42
Chesnut Elementary School	0.0664	0.0562	0.0984	50	52
Clifton Elementary School	-0.1125	-0.1565	-0.1526	42	36
Columbia Elementary School	-0.1762	-0.2310	-0.2205	41	37
DeKalb Academy of Technology and	-0.0812	-0.1470	-0.1091	44	42
DeKalb Elementary School of the	0.3097	0.2497	0.2590	64	70
DeKalb PATH Academy Charter Scho	0.2498	0.2536	0.2408	62	62
DeKalb Preparatory Academy Chart	-0.0328	-0.0879	-0.1036	45	40
Dresden Elementary School	-0.0936	-0.0905	-0.1122	47	47
Dunaire Elementary School	0.0822	0.0407	0.0346	52	56
Dunwoody Elementary School	0.3529	0.3707	0.4404	66	74
Edward L. Bouie, Sr Elementary	-0.0376	-0.0987	-0.0642	51	52
Eldridge L. Miller Elementary Sc	0.0850	0.0466	0.0517	53	51
Evansdale Elementary School	0.1670	0.1716	0.2134	57	61
Fairington Elementary School	-0.1750	-0.2190	-0.2312	39	30
Fernbank Elementary School	-0.0794	-0.0585	0.0087	47	47
Flat Rock Elementary School	0.1111	0.0639	0.0491	55	58
Flat Shoals Elementary School	-0.2118	-0.2674	-0.2505	38	36
Hambrick Elementary School	-0.1647	-0.1929	-0.1914	39	38
Hawthorne Elementary School	-0.0380	-0.0312	-0.0019	48	49
Henderson Mill Elementary School	0.0660	0.0656	0.0921	55	57
Hightower Elementary School	-0.0690	-0.0680	-0.0913	48	51
Huntley Hills Elementary School	-0.1400	-0.1348	-0.0989	45	45
Idlewood Elementary School	0.0607	0.0293	0.0304	55	58
Indian Creek Elementary School	0.0926	0.1086	0.1619	58	65
International Community School	-0.2086	-0.2077	-0.1918	39	30
Ivy Prep - Kirkwood	-0.1962	-0.2555	-0.3302	32	21
Ivy Prep - Young Men's	-0.2092	-0.2731	-0.2087	38	28
Jolly Elementary School	-0.1868	-0.1917	-0.1409	43	39
Kelley Lake Elementary School	-0.0064	-0.0633	-0.0603	49	52
Kingsley Elementary School	-0.2168	-0.1934	-0.1644	41	37

Estimated School Effects - DeKalb - Elementary Science					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Kittredge Magnet School	0.3430	0.3572	0.4844	61	65
Knollwood Elementary School	0.1576	0.1076	0.1153	56	60
Laurel Ridge Elementary School	0.2799	0.2887	0.2920	60	65
Leadership Preparatory Academy	-0.0869	-0.1476	-0.1291	47	47
Livsey Elementary School	-0.1944	-0.1821	-0.1274	42	38
Marbut Elementary School	-0.1076	-0.1641	-0.1765	48	48
McLendon Elementary School	0.3032	0.3003	0.2899	66	73
Meadowview Elementary School	-0.2113	-0.2606	-0.2489	39	34
Midvale Elementary School	0.0980	0.0870	0.1179	50	48
Midway Elementary School	-0.0256	-0.0663	-0.0575	45	45
Montclair Elementary School	-0.1820	-0.1775	-0.1987	41	35
Montgomery Elementary School	0.0291	0.0568	0.1047	53	55
Murphy Candler Elementary School	0.2337	0.1815	0.1793	57	60
Museum School Avondale Estates	-0.0860	-0.0760	-0.0648	45	46
Narvie Harris Elementary School	-0.0939	-0.1547	-0.1609	42	40
Oak Grove Elementary School	-0.0724	-0.0377	0.0146	46	46
Oakcliff Elementary School	-0.0026	0.0029	-0.0140	52	53
Oakview Elementary	-0.2474	-0.2959	-0.3146	32	26
Panola Way Elementary School	0.0162	-0.0301	-0.0398	48	51
Pine Ridge Elementary School	-0.0086	-0.0555	-0.0481	48	44
Pleasantdale Elementary School	-0.0079	-0.0190	-0.0569	47	45
Princeton Elementary School	-0.1768	-0.2311	-0.2374	35	27
Rainbow Elementary School	0.0110	-0.0427	-0.0342	54	54
Redan Elementary School	0.1388	0.0926	0.0814	55	55
Robert Shaw Theme School	-0.0648	-0.1247	-0.1453	47	50
Rock Chapel Elementary School	0.1621	0.1170	0.1083	57	60
Rockbridge Elementary School	-0.0173	-0.0551	-0.0568	49	52
Ronald E McNair Discover Learnin	-0.1932	-0.2470	-0.2212	37	33
Rowland Elementary School	-0.0891	-0.1355	-0.1329	42	35
Sagamore Hills Elementary School	-0.0770	-0.0562	-0.0060	43	40
Shadow Rock Elementary School	0.0277	-0.0198	-0.0261	48	48
Smoke Rise Elementary School	0.0164	-0.0021	0.0160	52	51
Snapfinger Elementary School	-0.0636	-0.1176	-0.1165	44	40
Stone Mill Elementary School	0.1283	0.0938	0.0665	53	56
Stone Mountain Elementary School	-0.1650	-0.2013	-0.2154	40	37
Stoneview Elementary School	-0.1591	-0.1981	-0.2111	38	32
The GLOBE Academy Charter School	0.2012	0.2036	0.2645	58	65
Toney Elementary School	-0.0177	-0.0719	-0.0536	45	44
Vanderlyn Elementary School	-0.1653	-0.1281	-0.0545	46	47
Wadsworth Magnet School for High	0.4847	0.4164	0.4968	68	77
Woodridge Elementary School	0.0265	-0.0217	-0.0335	50	55
Woodward Elementary School	-0.1035	-0.0972	-0.1199	44	44
Wynbrooke Elementary School	0.1628	0.0957	0.1149	60	66

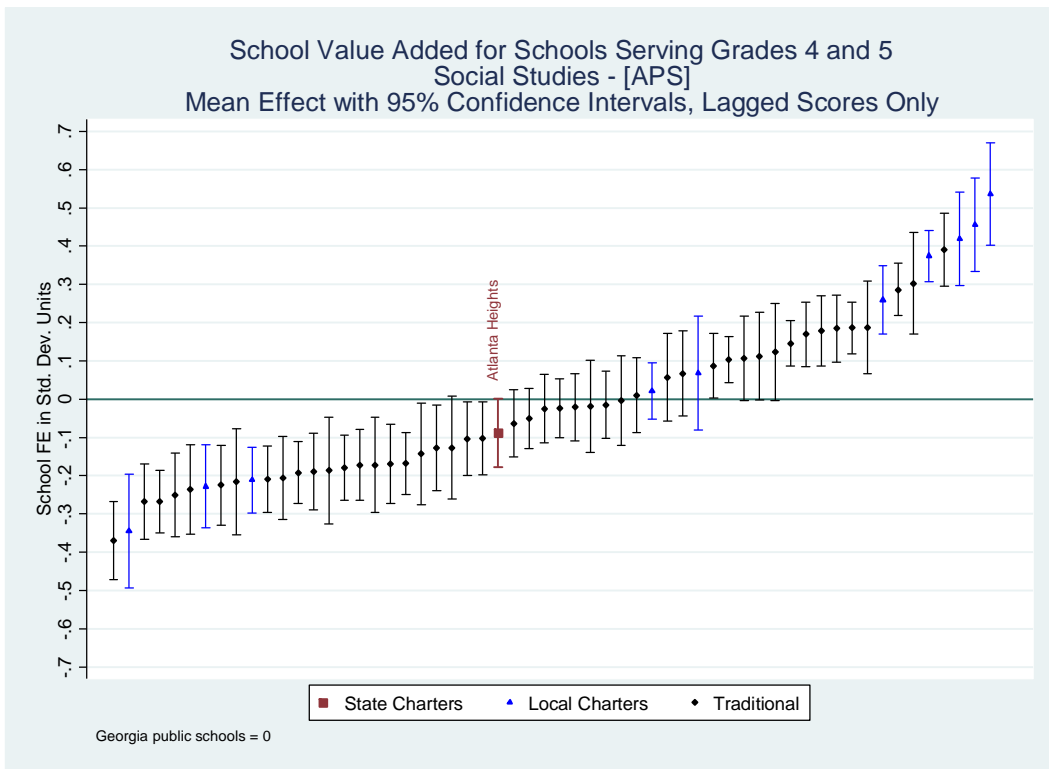
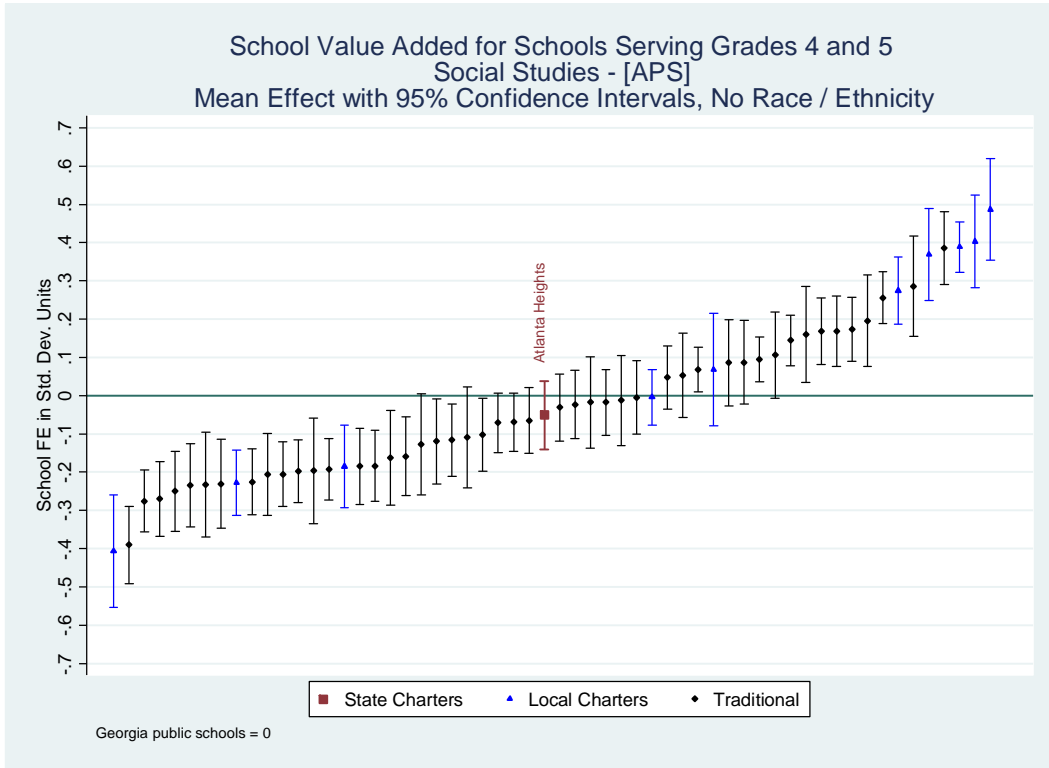
Baker Calhoun, Clay, Early and Randolph (BCCER)



Estimated School Effects - BCCER - Elementary Science					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Baker County K12 School	-0.1346	-0.1749	-0.1398	45	45
Calhoun County Elementary School	-0.1204	-0.1756	-0.2082	35	30
Clay County Elementary	0.0209	-0.0273	-0.0809	50	50
Early County Elementary School	0.0014	-0.0130	-0.0415	51	51
Pataula	0.0497	0.1015	0.0795	52	49
Randolph County Elementary Schoo	0.0588	0.0198	-0.0304	47	45

### Schools Serving Grades 4 and 5 – Social Studies

#### APS District



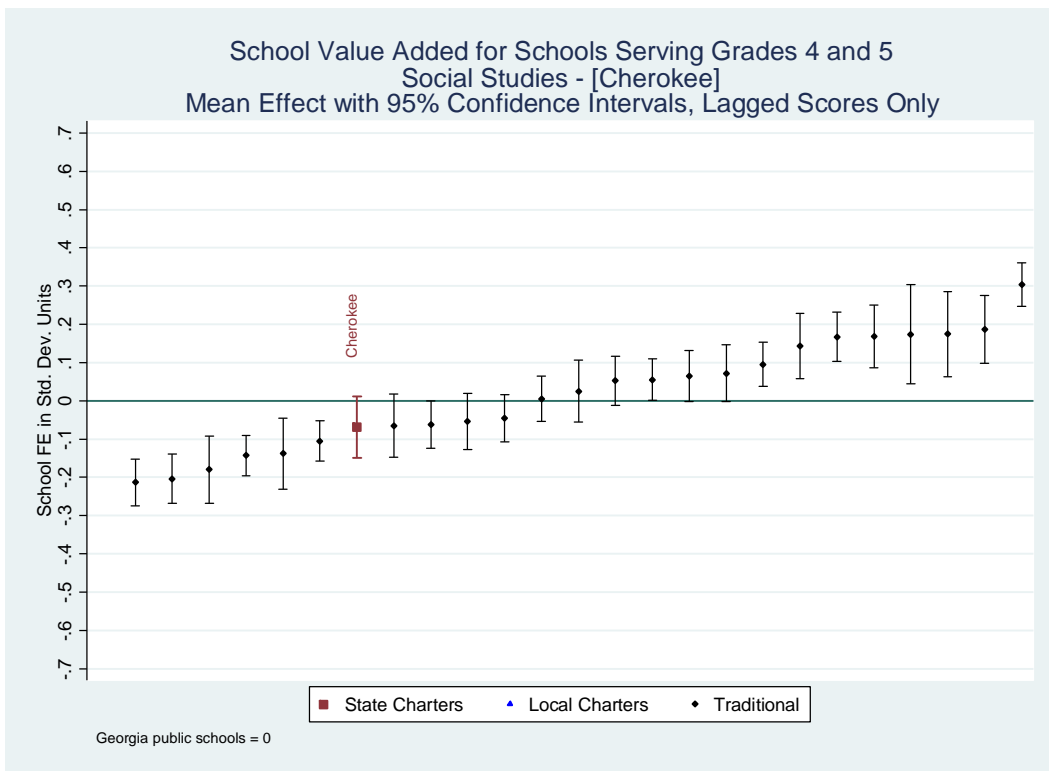
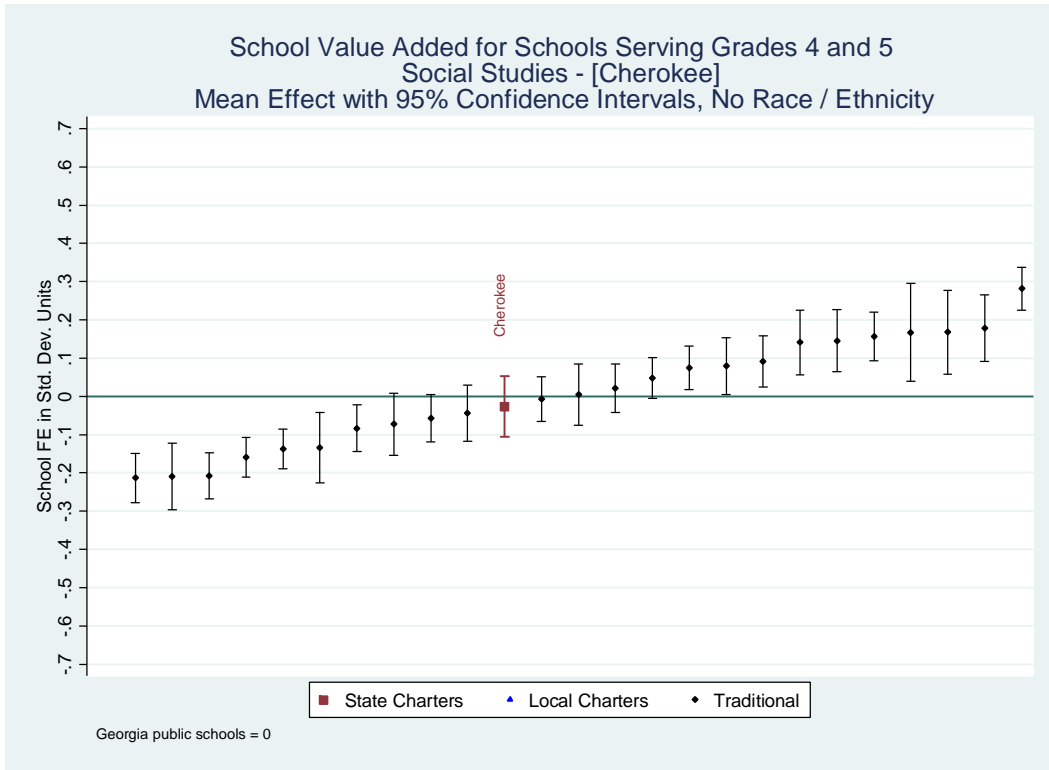


Estimated School Effects - APS - Elementary Social Studies					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Atlanta Classical Academy	-0.1947	-0.1852	-0.2283	37	32
Atlanta Heights	-0.0372	-0.0507	-0.0882	40	37
Bazoline E Usher/Collier Height	0.3996	0.3852	0.3912	73	83
Beecher Hills Elementary School	0.0714	0.0539	0.0670	55	60
Benteen Elementary School	0.2980	0.2861	0.3025	64	69
Bethune Elementary School	-0.2571	-0.2699	-0.2676	32	30
Bolton Academy	-0.2221	-0.2258	-0.2095	42	39
Boyd Elementary School	-0.1447	-0.1588	-0.1692	39	33
Brandon Elementary School	0.0881	0.0952	0.1451	51	46
Burgess-Peterson Elementary Scho	0.1736	0.1598	0.1226	57	61
Cascade Elementary School	0.1003	0.0864	0.0572	49	51
Centennial Place Elementary Scho	-0.2156	-0.2281	-0.2115	35	31
Charles R Drew Charter School	0.4023	0.3887	0.3746	65	71
Cleveland Elementary School	0.1214	0.1063	0.1122	61	69
Connally Elementary School	0.0016	-0.0122	-0.0034	53	53
Continental Colony Elementary Sc	-0.3739	-0.3904	-0.3693	31	23
D H Stanton Elementary School	-0.1831	-0.1962	-0.1865	35	29
Deerwood Academy School	-0.2587	-0.2757	-0.2674	32	28
Dobbs Elementary School	-0.0507	-0.0647	-0.0633	49	48
Dunbar Elementary School	-0.1490	-0.1626	-0.1718	36	30
F L Stanton Elementary School	-0.2164	-0.2301	-0.2364	32	21
Fain Elementary School	-0.1710	-0.1846	-0.1892	39	33
Fickett Elementary School	0.1830	0.1682	0.1845	57	61
Finch Elementary	-0.0091	-0.0231	-0.0247	50	51
Garden Hills Elementary School	0.1770	0.1733	0.1694	60	64
Gideons Elementary School	0.0089	-0.0047	0.0100	46	44
Grove Park Intermediate School	-0.1847	-0.1975	-0.1917	39	33
Heritage Academy Elementary	-0.0862	-0.1023	-0.1031	49	48
Humphries Elementary School	-0.0033	-0.0177	-0.0189	56	50
Hutchinson Elementary School	-0.2361	-0.2499	-0.2247	36	28
Imagine Wesley International Aca	0.0118	-0.0042	0.0214	52	57
Intown Charter Academy	-0.3862	-0.4066	-0.3448	36	28
Jackson Elementary School	0.2500	0.2555	0.2863	58	60
KIPP VISION	0.5043	0.4866	0.5356	76	86
KIPP West Atlanta Young Scholars	0.4234	0.4032	0.4559	73	84
Kimberly Elementary School	-0.1691	-0.1836	-0.1720	41	40
Kindezi	0.0851	0.0683	0.0686	51	58
Kipp Strive Academy	0.3896	0.3693	0.4192	69	81
Lin Elementary School	-0.0751	-0.0695	-0.0245	48	46
M A Jones Elementary School	-0.0021	-0.0177	-0.0210	43	37
Miles Intermediate School	-0.0563	-0.0711	-0.0507	41	39
Morningside Elementary School	0.1383	0.1446	0.1862	51	52
Neighborhood Charter School	0.2672	0.2744	0.2594	60	66



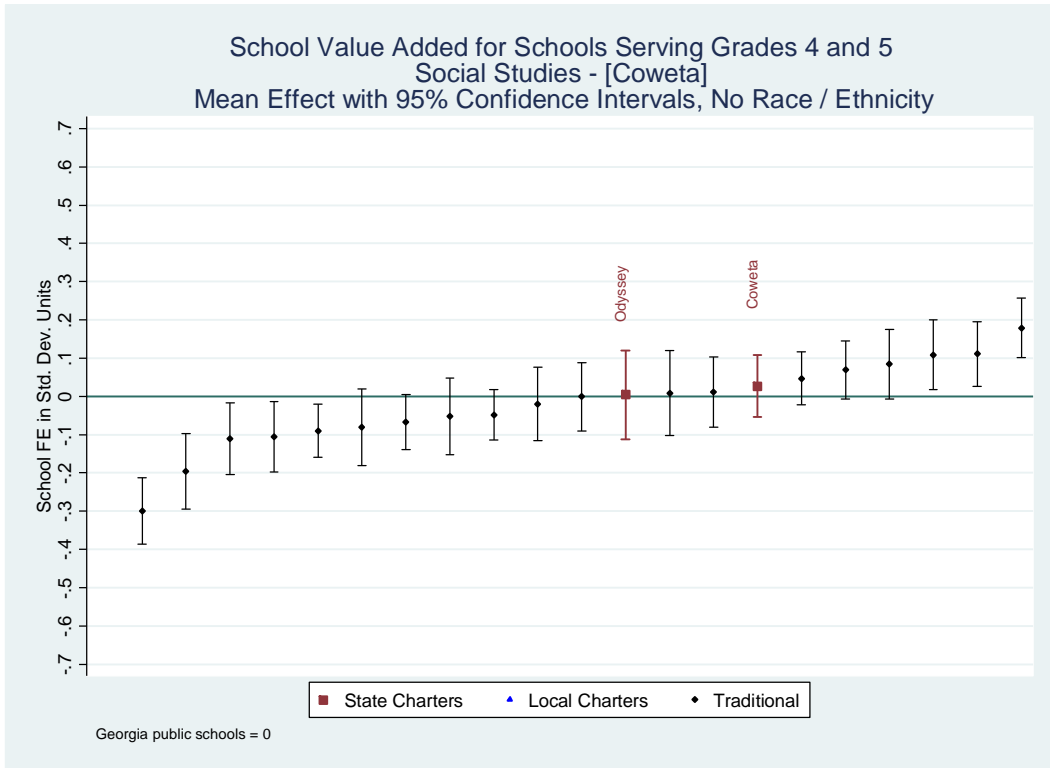
Estimated School Effects - APS - Elementary Social Studies					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Parkside Elementary School	0.1818	0.1683	0.1788	62	68
Perkerson Elementary School	-0.1913	-0.2055	-0.1783	39	32
Peyton Forest Elementary School	-0.1017	-0.1162	-0.1020	40	37
Rivers Elementary School	0.0522	0.0480	0.0874	57	61
Scott Elementary School	-0.0960	-0.1090	-0.1265	38	33
Slater Elementary School	-0.0162	-0.0311	-0.0148	50	54
Smith Elementary School	0.0655	0.0683	0.1029	52	50
Springdale Park Elementary School	-0.1960	-0.1919	-0.1677	36	31
The John Hope-Charles Walter Hil	0.2089	0.1957	0.1871	60	64
Thomasville Heights Elementary S	-0.1931	-0.2063	-0.2057	39	37
Toomer Elementary School	-0.1148	-0.1276	-0.1430	36	34
Towns Elementary School	-0.1075	-0.1194	-0.1274	42	43
Venetian Hills Elementary School	-0.2197	-0.2341	-0.2506	42	39
West Manor Elementary School	0.1042	0.0870	0.1066	54	60
Whitefoord Elementary School	-0.2176	-0.2330	-0.2162	38	29

Cherokee



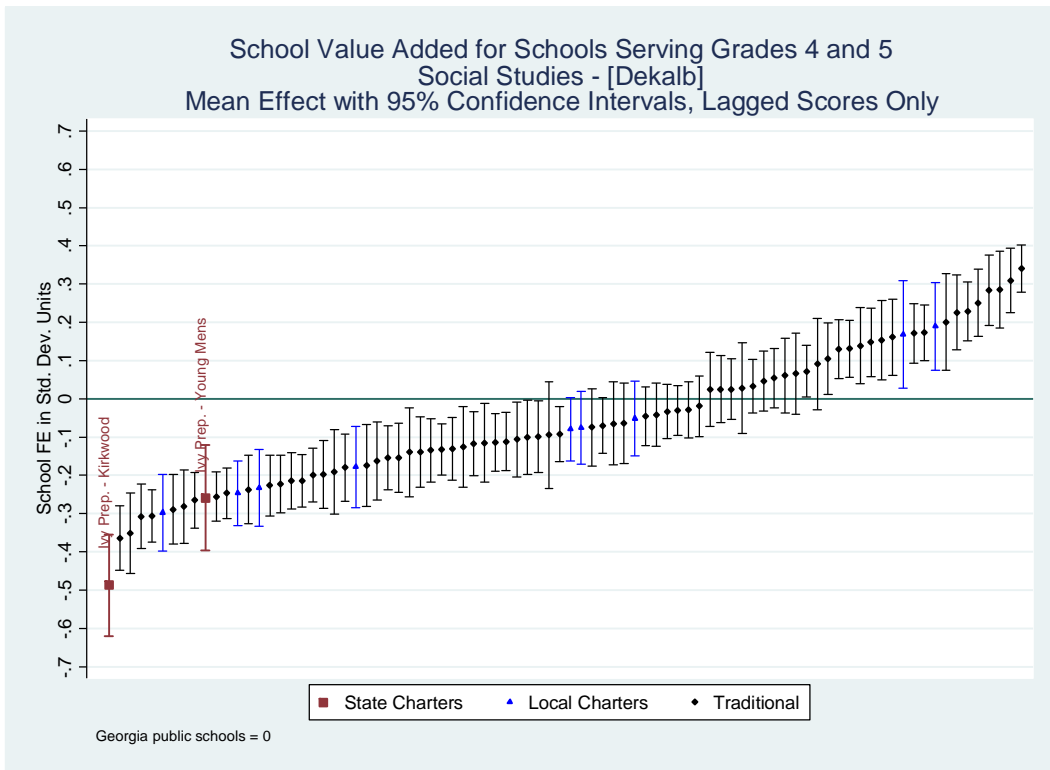
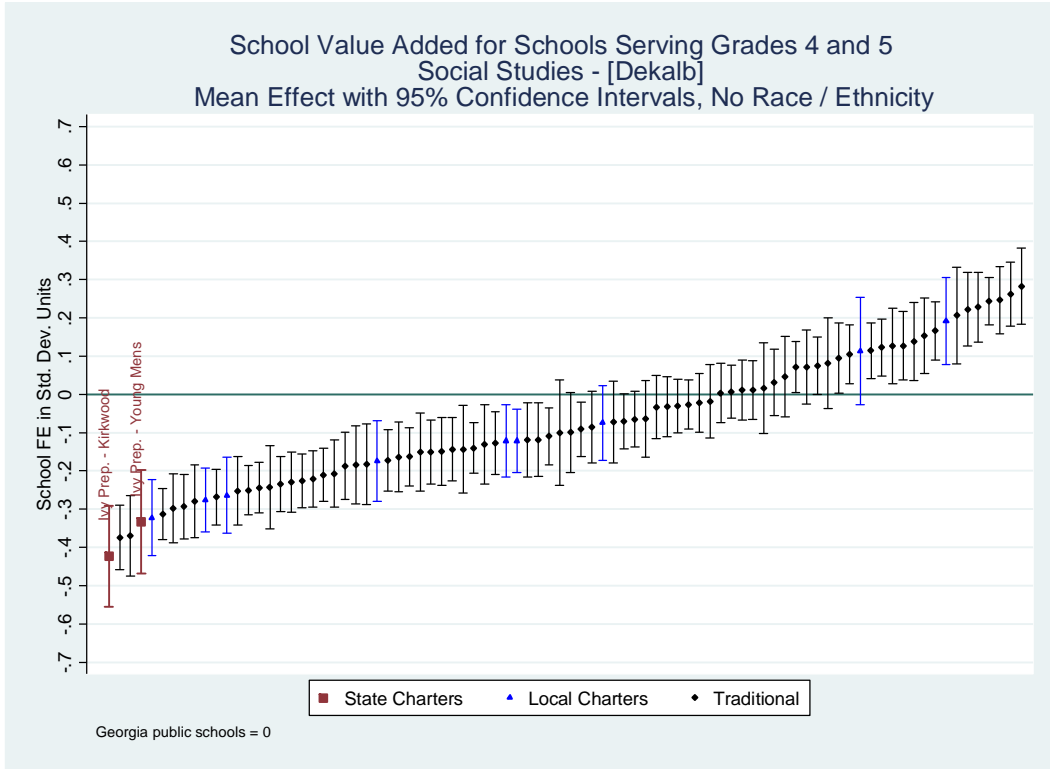
Estimated School Effects - Cherokee - Elementary Social Studies					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Arnold Mill Elementary School	0.0124	0.0218	0.0527	53	54
Avery Elementary School	0.0629	0.0746	0.0957	54	54
Ball Ground Elementary School	-0.2245	-0.2088	-0.1793	40	33
Bascomb Elementary School	0.2705	0.2813	0.3033	62	64
Boston Elementary School	-0.0065	0.0045	0.0255	55	57
Canton Elementary	-0.0448	-0.0439	-0.0544	52	53
Carmel Elementary School	0.0417	0.0481	0.0551	55	56
Cherokee	-0.0417	-0.0263	-0.0684	45	41
Clark Creek Elementary School	-0.0627	-0.0571	-0.0448	48	45
Clayton Elementary School	0.1483	0.1675	0.1741	62	64
Free Home Elementary School	0.1567	0.1683	0.1745	65	67
Hickory Flat Elementary School	0.1674	0.1784	0.1869	62	67
Holly Springs Elementary School	-0.2241	-0.2130	-0.2035	41	37
Indian Knoll Elementary	-0.2158	-0.2076	-0.2131	39	33
J Knox Elementary	0.0810	0.0916	0.0652	50	51
Johnston Elementary School	0.1380	0.1458	0.1691	61	59
Liberty Elementary School	-0.1678	-0.1588	-0.1430	45	42
Little River Elem	-0.1442	-0.1370	-0.1049	46	44
Macedonia Elementary School	0.1437	0.1563	0.1677	54	57
Mountain Road Elementary School	-0.0831	-0.0729	-0.0652	42	34
Oak Grove Elementary School	0.1357	0.1410	0.1429	53	51
R M Moore Elementary School	-0.1500	-0.1339	-0.1381	48	49
Sixes Elementary School	-0.0935	-0.0831	-0.0623	46	42
William G Hasty, Sr Elementary	0.0759	0.0796	0.0723	52	56
Woodstock Elementary School	-0.0129	-0.0068	0.0053	53	55

Coweta



Estimated School Effects - Coweta - Elementary Social Studies					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Arbor Springs Elementary	0.0032	0.0110	0.0378	49	48
Arnco-Sargent Elementary School	-0.1232	-0.1111	-0.1067	49	48
Atkinson Elementary School	-0.0041	-0.0009	0.0051	49	46
Brooks Elementary	-0.0765	-0.0668	-0.0479	42	41
Canongate Elementary School	0.1694	0.1792	0.2075	54	56
Coweta	0.0195	0.0272	0.0336	50	53
Eastside Elementary School	-0.3135	-0.2991	-0.2789	40	35
Elm Street Elementary School	0.1044	0.1091	0.1098	61	67
Glanton Elementary	-0.0010	0.0088	0.0290	50	51
Jefferson Parkway Elementary Sch	-0.0188	-0.0200	-0.0483	46	45
Moreland Elementary School	-0.1160	-0.1063	-0.1086	40	31
Newnan Crossing Elementary Schoo	-0.0488	-0.0481	-0.0150	49	49
Northside Elementary School	-0.0864	-0.0804	-0.0783	48	48
Odyssey	0.0032	0.0042	0.0316	52	52
Poplar Road Elementary School	0.1022	0.1110	0.1350	63	66
Ruth Hill Elementary School	-0.1984	-0.1962	-0.2077	38	30
Thomas Crossroads Elementary Sch	0.0748	0.0847	0.1116	57	60
Welch Elementary School	-0.0916	-0.0898	-0.0912	43	37
Western Elementary School	-0.0575	-0.0522	-0.0308	53	51
White Oak Elementary School	0.0645	0.0694	0.0988	57	59
Willis Road Elementary	0.0373	0.0473	0.0803	55	57

DeKalb

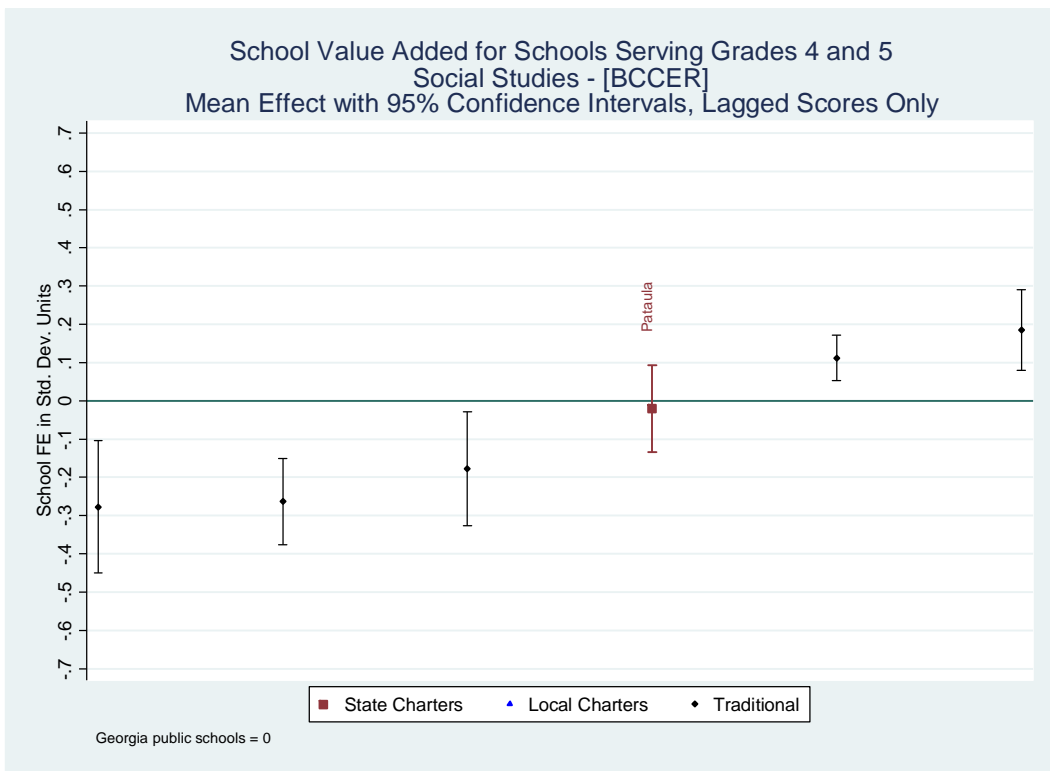
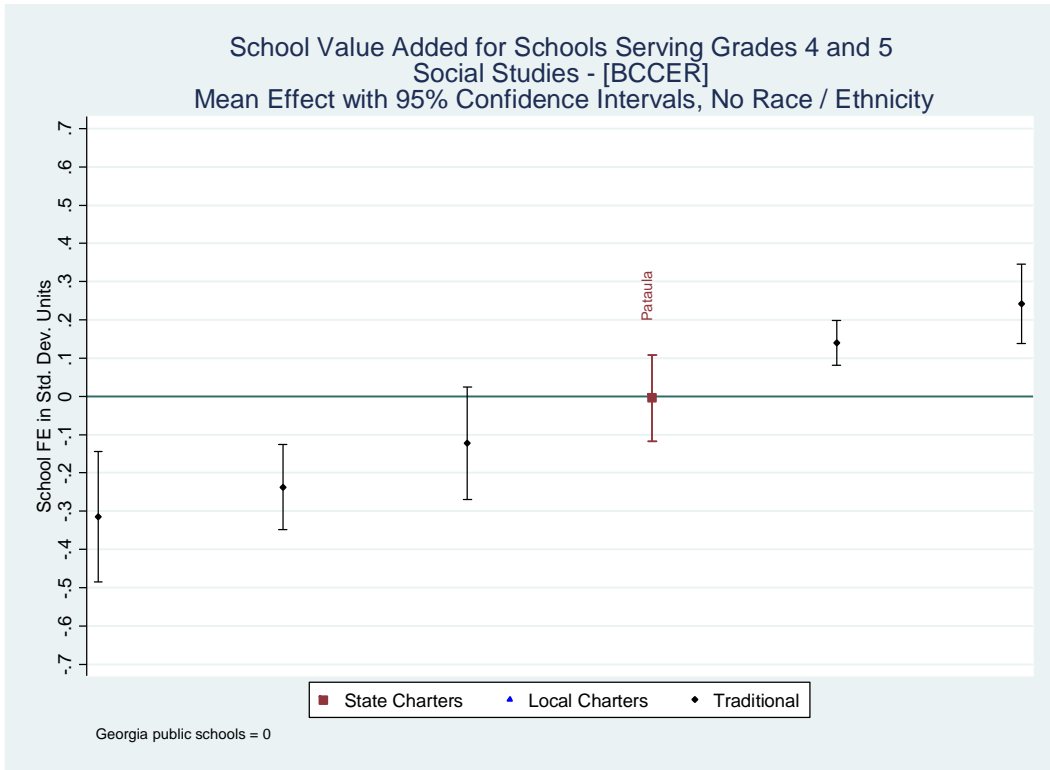


Estimated School Effects - DeKalb - Elementary Social Studies					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Allgood Elementary School	-0.3637	-0.3739	-0.3641	35	34
Ashford Park Elementary School	0.0673	0.0723	0.0612	46	45
Austin Elementary School	0.2517	0.2615	0.3094	69	75
Avondale Elementary School	-0.0882	-0.0997	-0.0941	52	53
Bob Mathis Elementary School	-0.0512	-0.0636	-0.0744	49	45
Briar Vista Elementary School	-0.1418	-0.1433	-0.1392	48	49
Briarlake Elementary School	-0.1074	-0.0993	-0.0636	45	42
Brockett Elementary School	0.1251	0.1271	0.1478	64	71
Browns Mill Elementary School	-0.2218	-0.2341	-0.2145	39	35
Canby Lane Elementary School	-0.0232	-0.0332	-0.0415	48	50
Cary Reynolds Elementary School	0.0709	0.0718	0.0721	57	60
Cedar Grove Elementary School	-0.1752	-0.1867	-0.1798	44	44
Chapel Hill Elementary School	-0.1384	-0.1505	-0.1545	43	38
Chesnut Elementary School	-0.1191	-0.1213	-0.0753	44	40
Clifton Elementary School	-0.1715	-0.1825	-0.1739	45	40
Columbia Elementary School	-0.2380	-0.2521	-0.2369	37	33
DeKalb Academy of Technology and	-0.1047	-0.1213	-0.0793	37	29
DeKalb Elementary School of the	0.1092	0.0942	0.1048	56	61
DeKalb PATH Academy Charter Scho	0.1942	0.1922	0.1898	67	72
DeKalb Preparatory Academy Chart	-0.1609	-0.1743	-0.1781	39	29
Dresden Elementary School	-0.2406	-0.2435	-0.2467	44	43
Dunaire Elementary School	-0.1182	-0.1272	-0.1345	40	36
Dunwoody Elementary School	0.1609	0.1664	0.2286	62	69
Edward L. Bouie, Sr Elementary	-0.0547	-0.0702	-0.0287	51	51
Eldridge L. Miller Elementary Sc	-0.1087	-0.1187	-0.1061	51	53
Evansdale Elementary School	-0.1729	-0.1725	-0.1308	48	45
Fairington Elementary School	-0.2828	-0.2933	-0.3071	37	28
Fernbank Elementary School	0.0683	0.0749	0.1300	55	58
Flat Rock Elementary School	-0.0151	-0.0268	-0.0300	48	48
Flat Shoals Elementary School	-0.1711	-0.1845	-0.1621	45	44
Hambrick Elementary School	-0.2013	-0.2068	-0.1978	40	34
Hawthorne Elementary School	0.0448	0.0465	0.0659	54	57
Henderson Mill Elementary School	-0.1429	-0.1436	-0.1169	40	37
Hightower Elementary School	-0.0620	-0.0650	-0.0703	54	55
Huntley Hills Elementary School	0.1257	0.1271	0.1612	66	75
Idlewood Elementary School	0.1267	0.1229	0.1312	61	65
Indian Creek Elementary School	0.1038	0.1146	0.1729	64	72
International Community School	-0.3262	-0.3223	-0.2972	40	37
Ivy Prep - Kirkwood	-0.4082	-0.4231	-0.4870	27	19
Ivy Prep - Young Men's	-0.3171	-0.3330	-0.2586	29	23
Jolly Elementary School	-0.1676	-0.1632	-0.1114	40	31
Kelley Lake Elementary School	0.0302	0.0163	0.0276	52	55
Kingsley Elementary School	-0.2805	-0.2766	-0.2461	31	21

Estimated School Effects - DeKalb - Elementary Social Studies					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Kittredge Magnet School	0.2393	0.2432	0.3412	69	76
Knollwood Elementary School	0.0937	0.0813	0.0910	54	61
Laurel Ridge Elementary School	0.2796	0.2826	0.2851	68	75
Leadership Preparatory Academy	-0.2489	-0.2642	-0.2330	38	31
Livsey Elementary School	-0.2452	-0.2421	-0.1909	47	48
Marbut Elementary School	-0.0163	-0.0303	-0.0329	52	52
McLendon Elementary School	0.2048	0.2065	0.2009	62	70
Meadowview Elementary School	-0.3575	-0.3698	-0.3513	27	23
Midvale Elementary School	-0.1619	-0.1633	-0.1387	48	50
Midway Elementary School	-0.1086	-0.1182	-0.1007	45	43
Montclair Elementary School	-0.2481	-0.2506	-0.2558	41	38
Montgomery Elementary School	0.0041	0.0112	0.0547	47	43
Murphy Candler Elementary School	0.2357	0.2226	0.2261	66	75
Museum School Avondale Estates	0.1357	0.1385	0.1537	58	58
Narvie Harris Elementary School	-0.1247	-0.1400	-0.1326	40	37
Oak Grove Elementary School	-0.0066	0.0037	0.0470	45	42
Oakcliff Elementary School	-0.1094	-0.1096	-0.1141	44	38
Oakview Elementary	-0.2090	-0.2209	-0.2227	43	35
Panola Way Elementary School	-0.0797	-0.0910	-0.0928	49	48
Pine Ridge Elementary School	0.0222	0.0111	0.0254	54	56
Pleasantdale Elementary School	-0.0169	-0.0223	-0.0456	49	48
Princeton Elementary School	-0.2991	-0.3128	-0.3061	38	27
Rainbow Elementary School	-0.0590	-0.0721	-0.0646	48	51
Redan Elementary School	-0.0746	-0.0858	-0.0985	44	43
Robert Shaw Theme School	0.0420	0.0311	0.0251	43	42
Rock Chapel Elementary School	0.2578	0.2464	0.2512	61	68
Rockbridge Elementary School	-0.1211	-0.1304	-0.1256	48	45
Ronald E McNair Discover Learnin	-0.2121	-0.2257	-0.1998	44	43
Rowland Elementary School	-0.2857	-0.2973	-0.2891	33	24
Sagamore Hills Elementary School	-0.0219	-0.0178	0.0249	55	59
Shadow Rock Elementary School	-0.2180	-0.2297	-0.2265	45	43
Smoke Rise Elementary School	-0.0698	-0.0744	-0.0512	49	45
Snapfinger Elementary School	-0.0187	-0.0322	-0.0192	51	52
Stone Mill Elementary School	0.1617	0.1536	0.1392	59	64
Stone Mountain Elementary School	-0.2715	-0.2798	-0.2813	38	34
Stoneview Elementary School	-0.2580	-0.2682	-0.2649	38	29
The GLOBE Academy Charter School	0.1133	0.1135	0.1683	64	73
Toney Elementary School	-0.1376	-0.1511	-0.1150	47	45
Vanderlyn Elementary School	0.0933	0.1047	0.1712	52	55
Wadsworth Magnet School for High	0.2459	0.2283	0.2838	63	71
Woodridge Elementary School	-0.1375	-0.1492	-0.1539	44	44
Woodward Elementary School	-0.2077	-0.2100	-0.2141	41	37
Wynbrooke Elementary School	0.0243	0.0072	0.0333	52	55



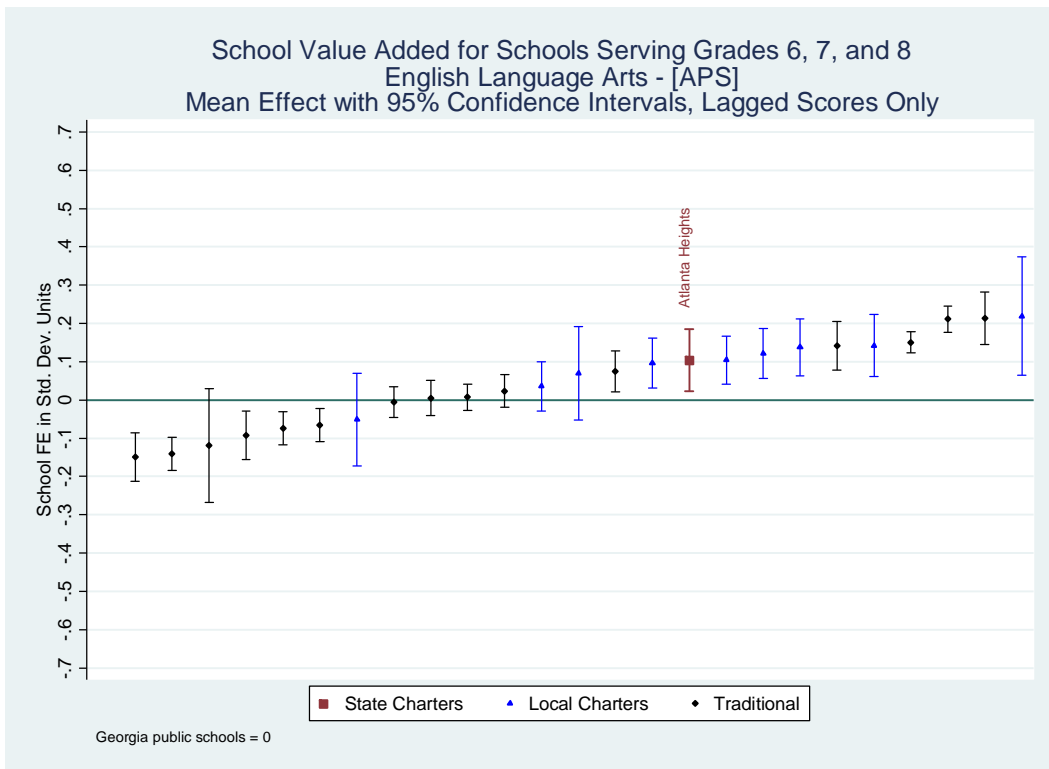
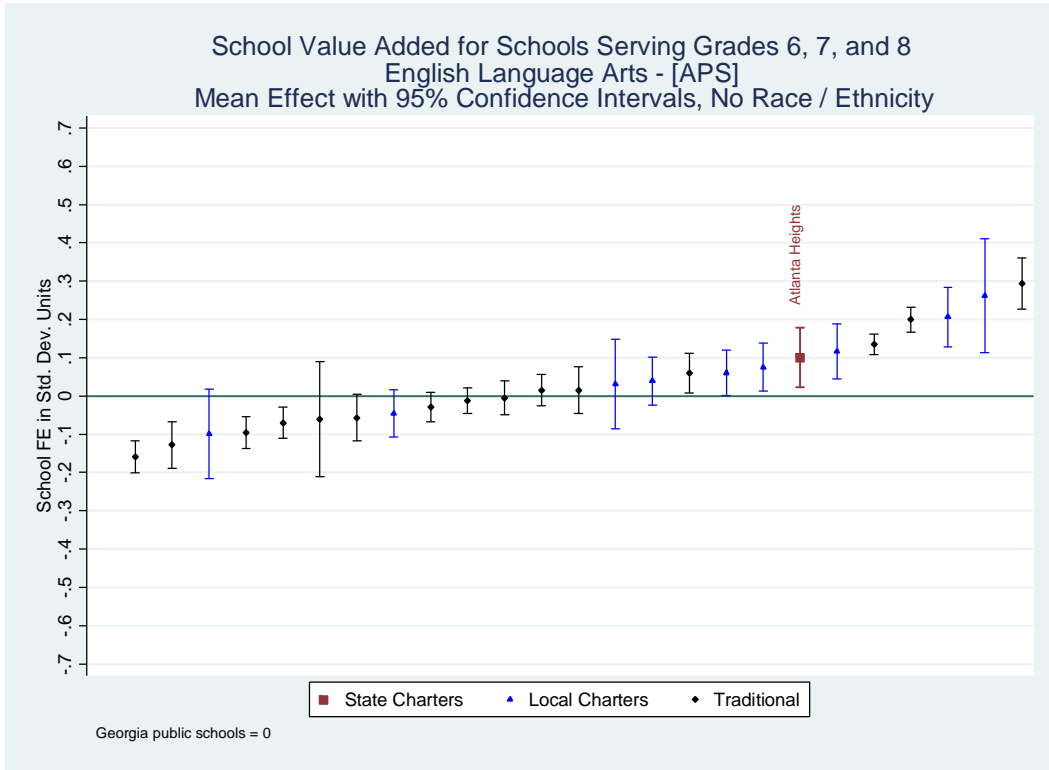
Baker Calhoun, Clay, Early and Randolph (BCCER)



Estimated School Effects - BCCER - Elementary Social Studies					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Baker County K12 School	-0.3094	-0.3147	-0.2772	26	15
Calhoun County Elementary School	-0.2232	-0.2368	-0.2629	33	26
Clay County Elementary	-0.1109	-0.1227	-0.1773	44	41
Early County Elementary School	0.1436	0.1405	0.1123	53	58
Pataula	-0.0176	-0.0041	-0.0207	51	50
Randolph County Elementary Schoo	0.2516	0.2418	0.1850	55	57

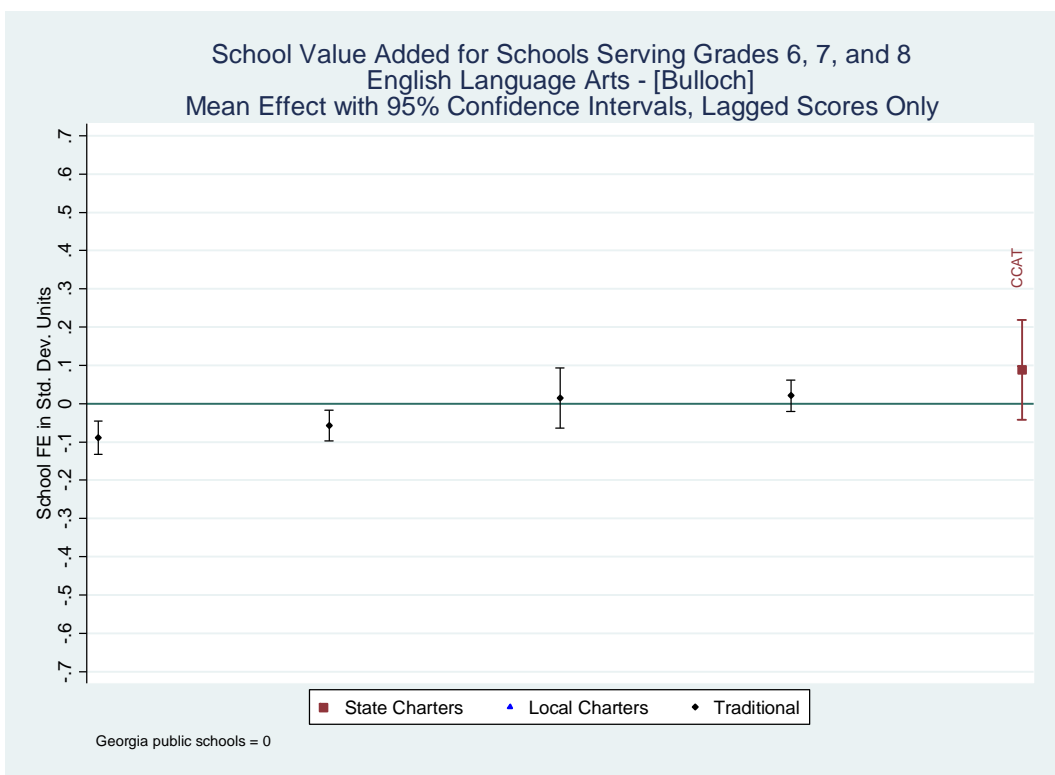
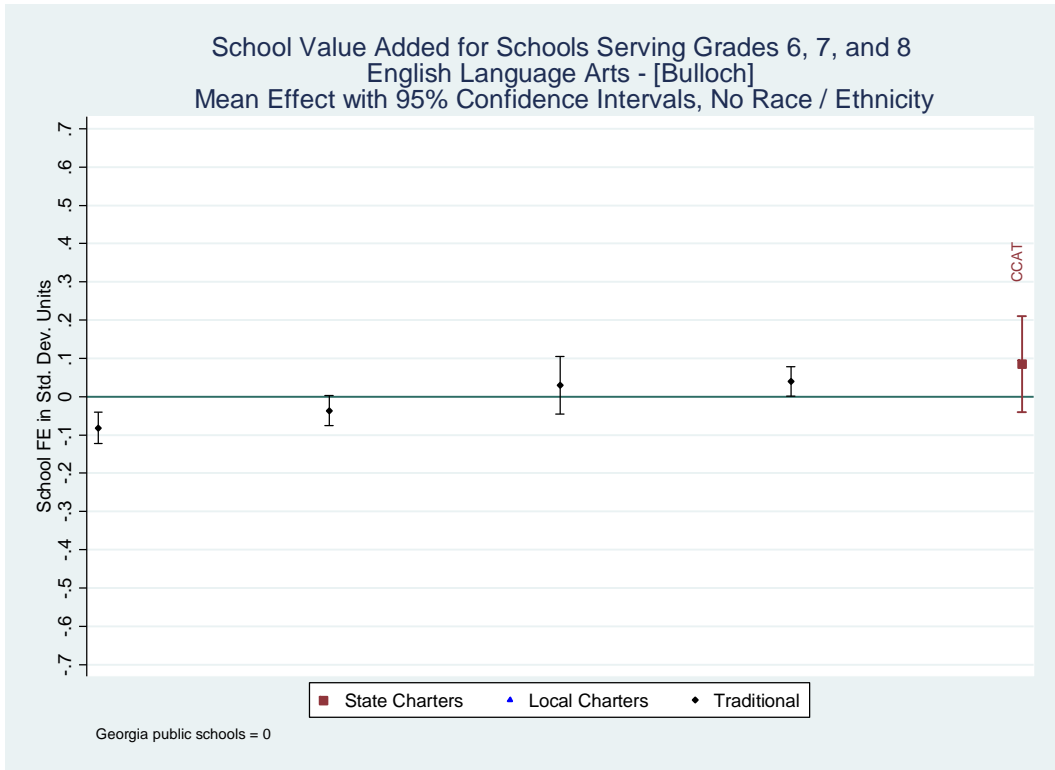
### Schools Serving Grades 6, 7 and 8 – ELA

#### APS District



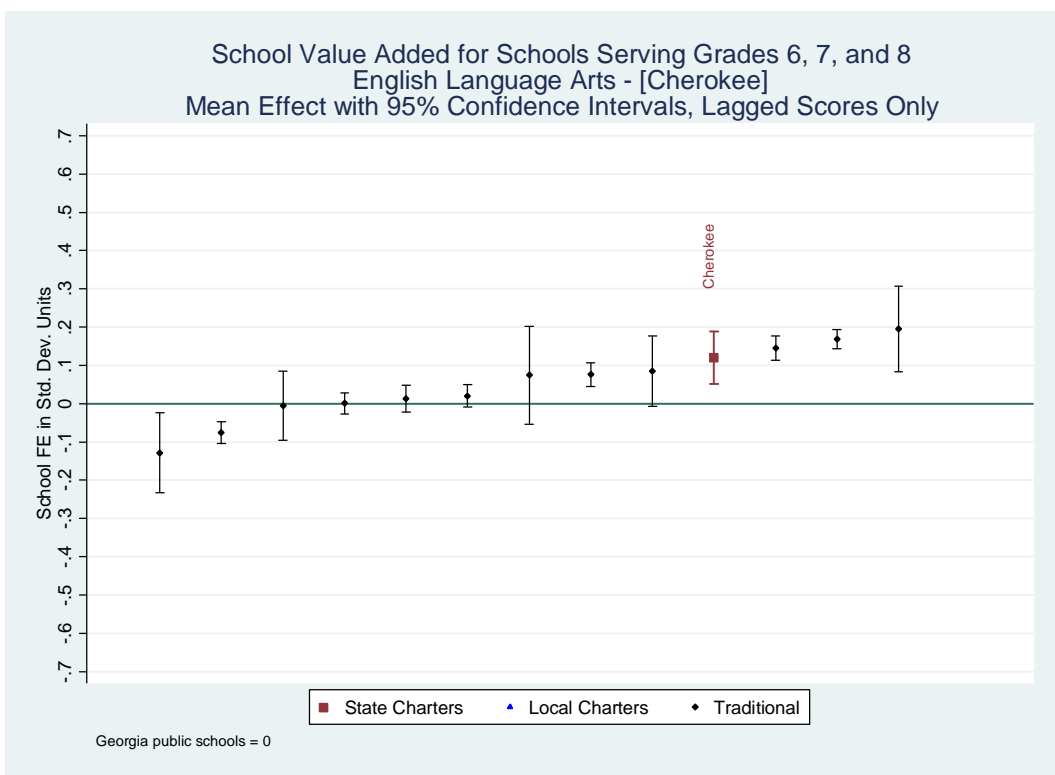
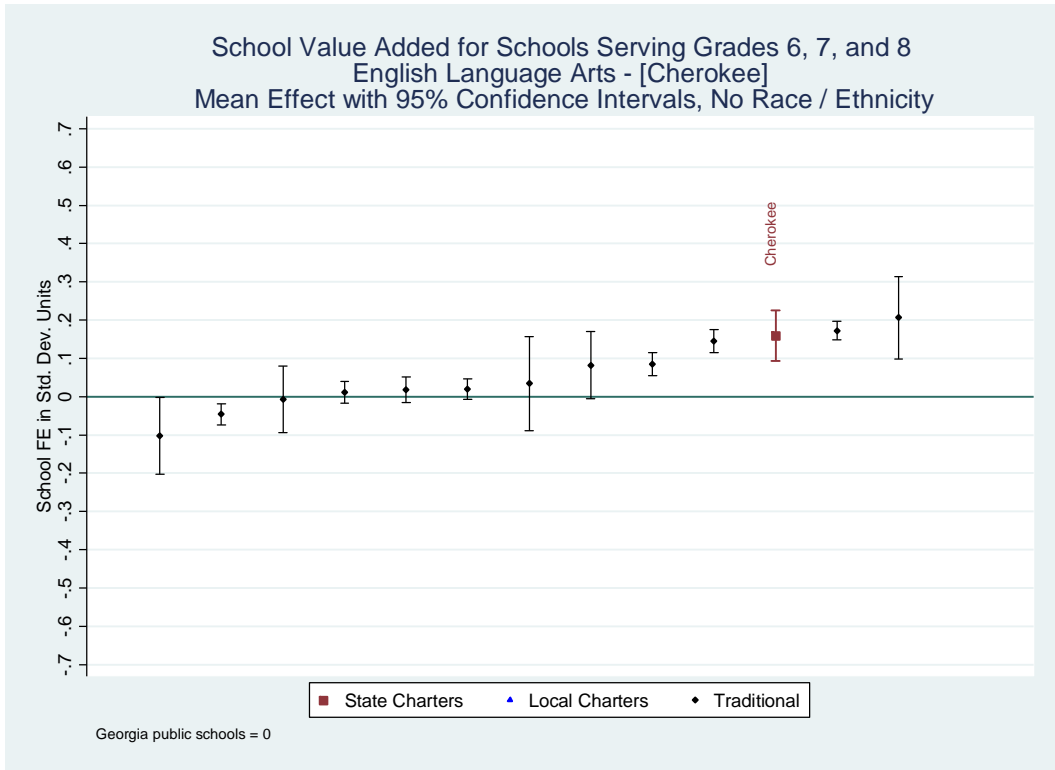
Estimated School Effects - APS - Middle School English Language Arts					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
APS-Forrest Hills Academy	-0.0417	-0.0606	-0.1189	32	25
Atlanta Charter Middle School	0.2909	0.2939	0.2134	55	59
Atlanta Classical Academy	0.1992	0.2065	0.1421	53	55
Atlanta Heights	0.1164	0.1008	0.1039	54	57
Brown Middle School	-0.0798	-0.0957	-0.0740	48	47
Bunche Middle School	-0.0119	-0.0289	-0.0049	51	52
Centennial Place Elementary Scho	0.0469	0.0314	0.0702	48	44
Charles Drew Charter School JA/S	0.0751	0.0597	0.0747	53	57
Coretta Scott King Young Women's	0.0307	0.0150	0.1412	55	59
Harper-Archer Middle School	-0.1436	-0.1590	-0.1404	43	40
Imagine Wesley International Aca	0.1331	0.1170	0.1379	56	61
Inman Middle School	0.2017	0.1996	0.2111	59	66
Intown Charter Academy	-0.0792	-0.0989	-0.0511	44	41
KIPP VISION	-0.0234	-0.0457	0.0359	55	60
KIPP West Atlanta Young Scholars	0.0626	0.0395	0.0960	60	68
Kindezi	0.2810	0.2622	0.2190	61	63
King Middle School	0.0295	0.0150	0.0237	52	49
Kipp Strive Academy	0.0993	0.0753	0.1211	59	63
Latin Academy Charter School	0.0821	0.0608	0.1047	55	58
Long Middle School	-0.0546	-0.0698	-0.0654	46	44
Price Middle School	-0.1122	-0.1278	-0.0919	47	47
Sutton Middle School	0.1333	0.1345	0.1507	57	60
Sylvan Hills Middle School	0.0104	-0.0050	0.0050	52	53
The Best Academy at Benjamin S	-0.0414	-0.0569	-0.1490	44	44
Young Middle School	0.0045	-0.0124	0.0074	49	48

Bulloch



Estimated School Effects - Bulloch - Middle School English Language Arts					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
CCAT	0.0799	0.0844	0.0879	53	57
Langston Chapel Middle School	-0.0326	-0.0364	-0.0576	46	43
Portal Middle/High School	0.0256	0.0301	0.0146	48	46
Southeast Bulloch Middle School	0.0287	0.0397	0.0209	49	50
William James Middle School	-0.0813	-0.0815	-0.0889	44	41

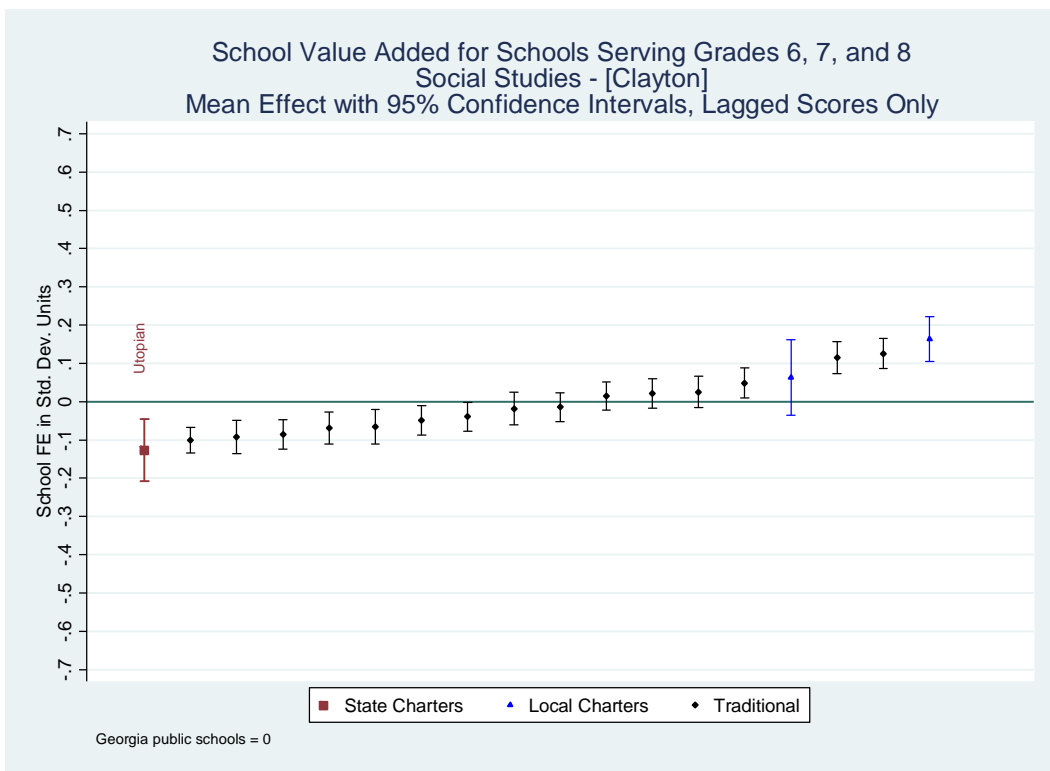
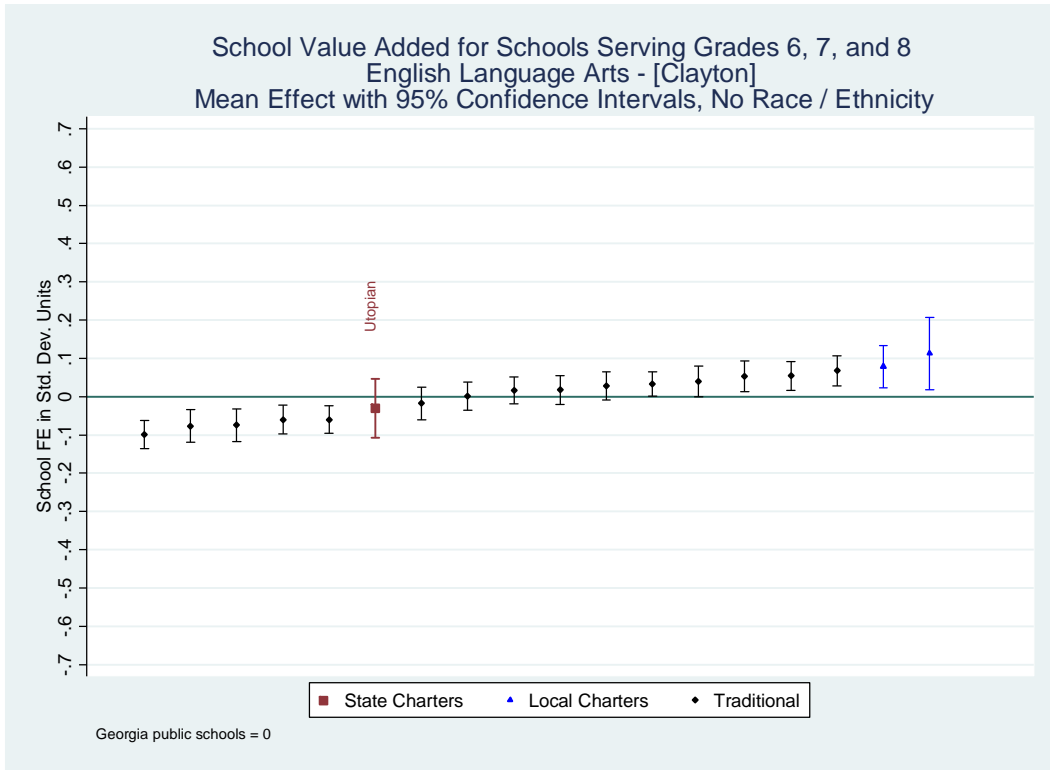
Cherokee



Estimated School Effects - Cherokee - Middle School English Language Arts					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Ball Ground Elementary School	0.0219	0.0340	0.0744	49	52
Booth Middle School	0.1642	0.1726	0.1686	57	61
Cherokee	0.1474	0.1589	0.1199	53	58
Creekland Middle School	0.0097	0.0201	0.0008	48	46
Freedom Middle School	0.1363	0.1450	0.1450	55	57
Hickory Flat Elementary School	-0.1113	-0.1024	-0.1282	46	46
Holly Springs Elementary School	-0.0162	-0.0069	-0.0059	45	44
Indian Knoll Elementary	0.0734	0.0824	0.0845	46	42
Mill Creek Middle School	0.0025	0.0112	0.0203	48	46
Mountain Road Elementary School	0.1987	0.2067	0.1953	53	52
Rusk Middle School	0.0071	0.0177	0.0124	48	47
Teasley Middle School	-0.0561	-0.0458	-0.0753	42	37
Woodstock Middle School	0.0769	0.0845	0.0760	51	52

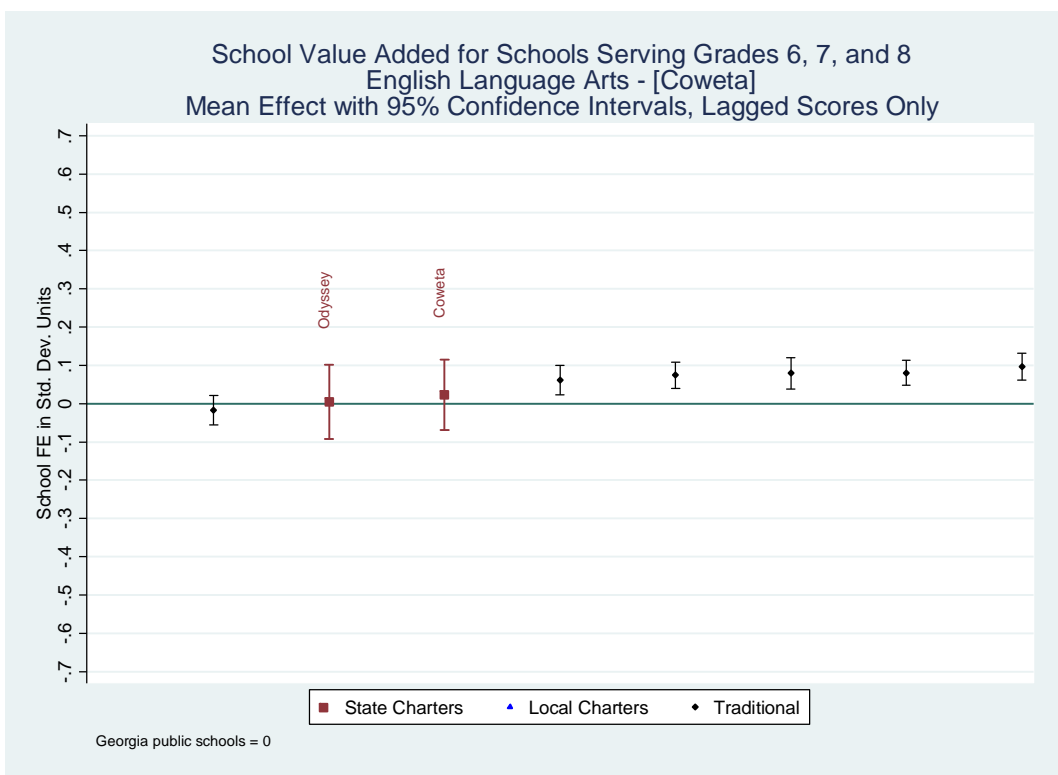
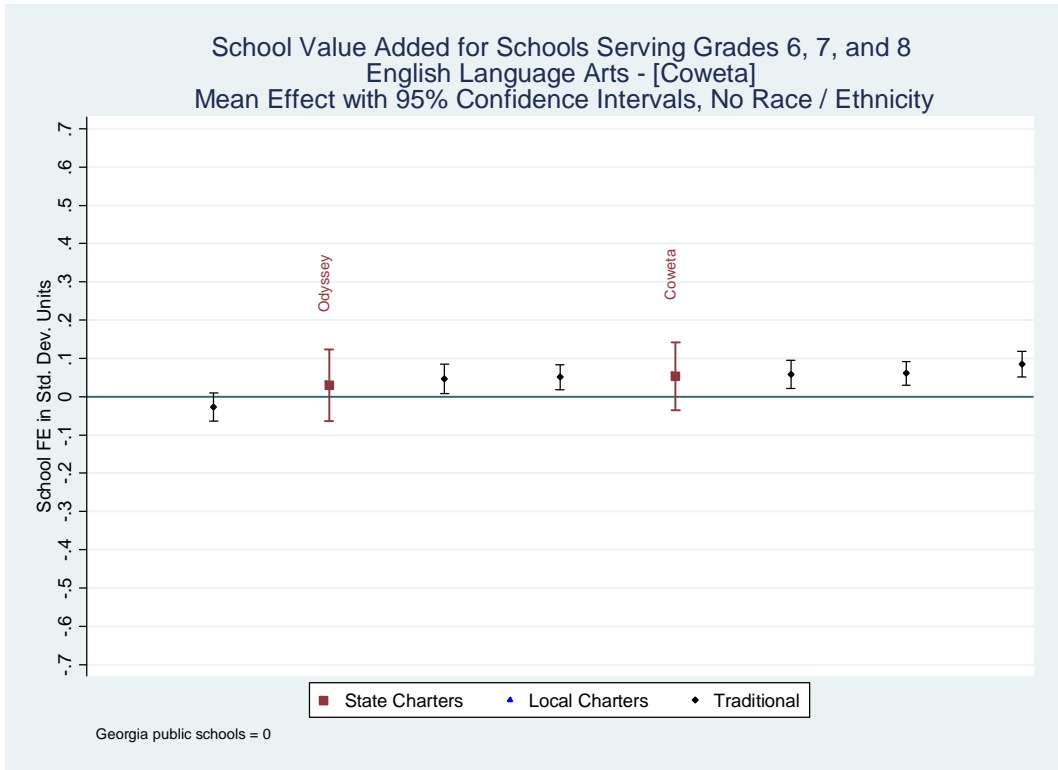


Clayton



Estimated School Effects - Clayton - Middle School English Language Arts					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Adamson Middle School	-0.0046	-0.0177	-0.0046	51	53
Babb Middle School	0.0320	0.0282	0.0546	57	60
Eddie White Academy	0.0669	0.0539	0.0770	51	49
Elite Scholars Academy School	0.0965	0.0789	0.0982	53	52
Forest Park Middle School	-0.0712	-0.0765	-0.0514	50	49
Jonesboro Middle School	-0.0524	-0.0602	-0.0468	48	47
Kendrick Middle School	0.0298	0.0174	0.0251	52	52
Lovejoy Middle School	-0.0631	-0.0743	-0.0692	45	44
M D Roberts Middle School	0.0299	0.0162	0.0268	48	47
Morrow Middle School	0.0760	0.0676	0.0612	54	56
Mundy's Mill Middle School	-0.0491	-0.0602	-0.0534	45	43
North Clayton Middle School	0.0684	0.0548	0.0504	54	56
Pointe South Middle School	-0.0870	-0.0988	-0.1006	44	41
Rex Mill Middle School	0.0439	0.0332	0.0313	52	53
Riverdale Middle School	0.0528	0.0395	0.0530	54	54
Sequoyah Middle School	0.0114	0.0021	0.0164	51	51
Unidos Dual Language Charter Sch	0.1156	0.1128	0.1429	58	53
Utopian	-0.0091	-0.0303	0.0748	52	53

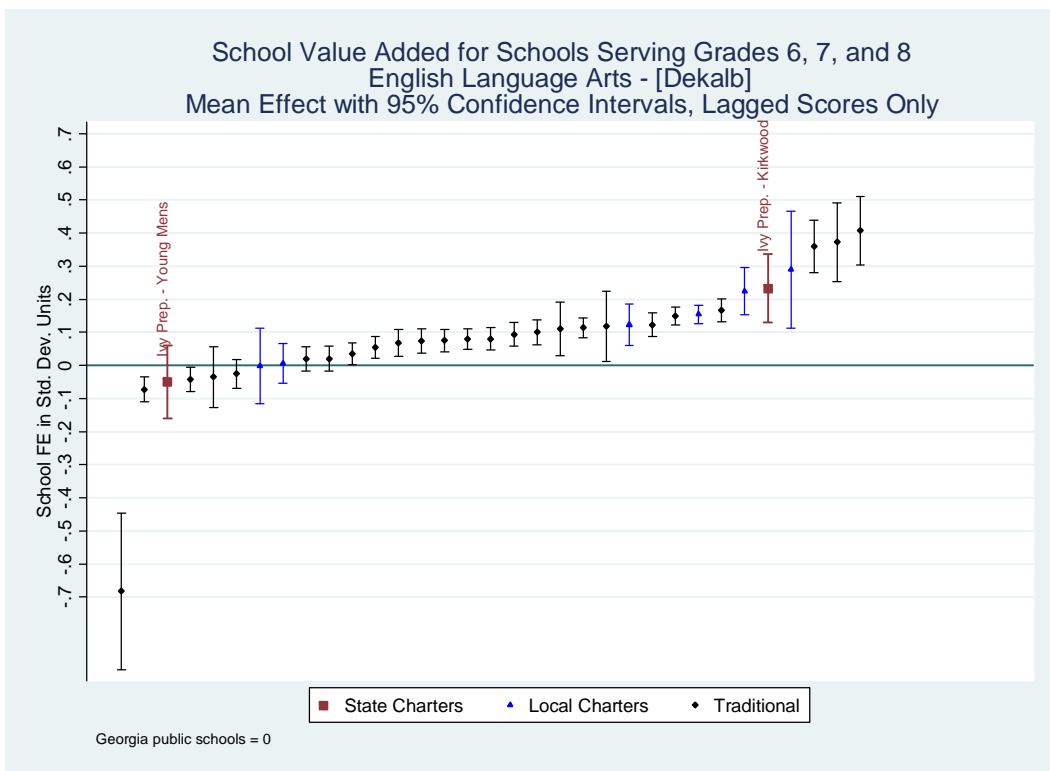
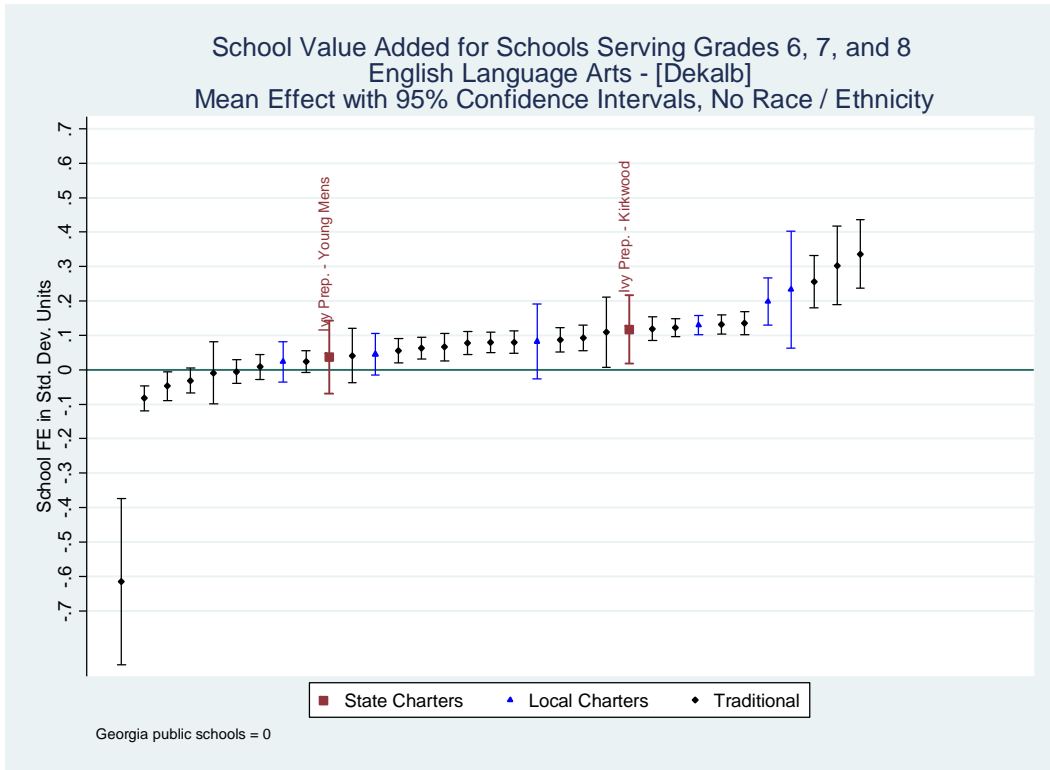
Coweta





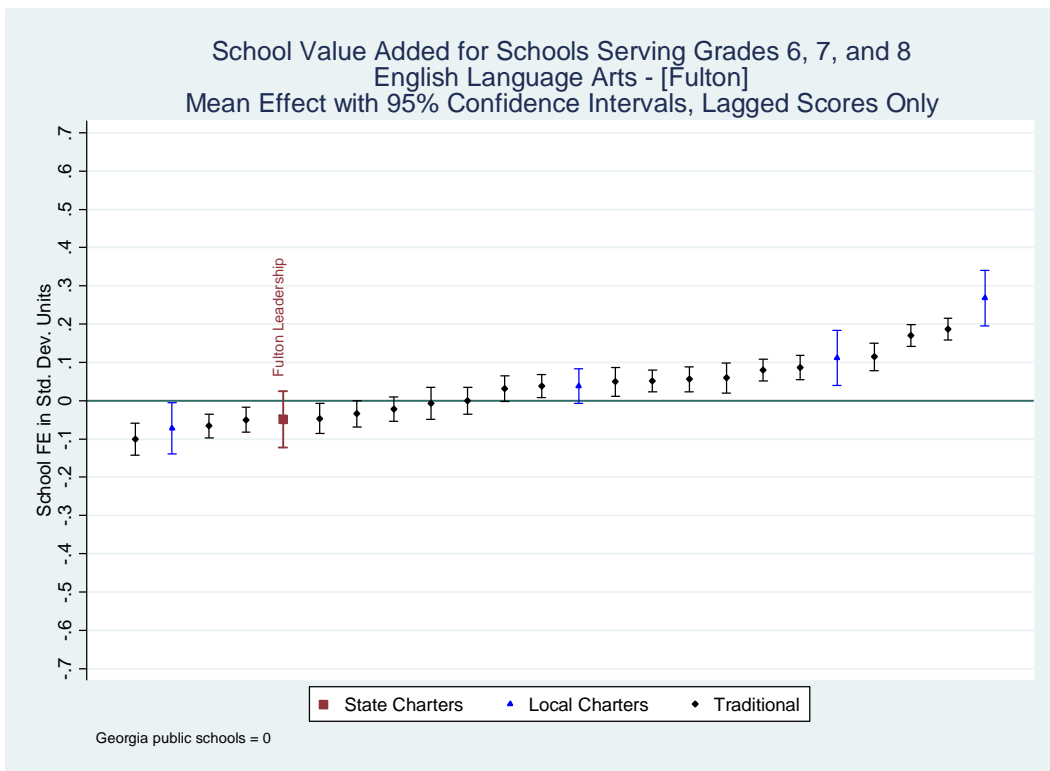
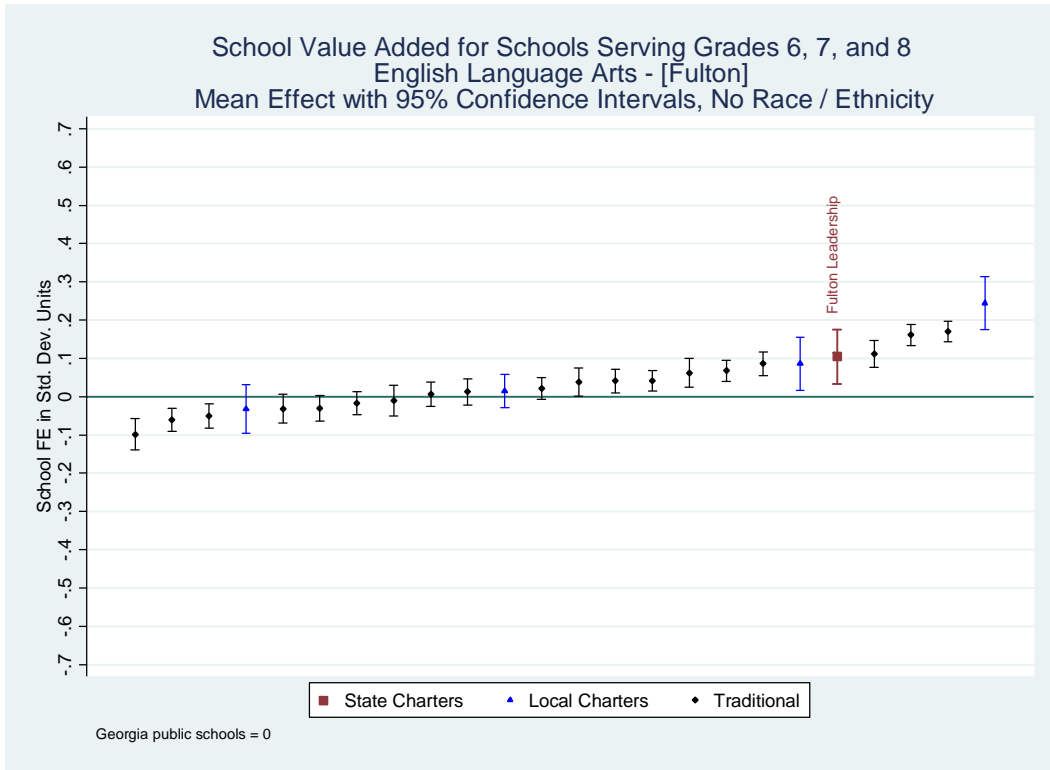
Estimated School Effects - Coweta - Middle School English Language Arts					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Arnall Middle School	0.0810	0.0853	0.0960	55	57
Coweta	0.0438	0.0529	0.0231	49	50
East Coweta Middle School	0.0386	0.0468	0.0793	58	61
Evans Middle School	0.0514	0.0579	0.0616	53	55
Lee Middle School	0.0431	0.0508	0.0741	53	54
Madras Middle School	0.0528	0.0610	0.0804	55	57
Odyssey	0.0245	0.0302	0.0052	48	48
Smokey Road Middle School	-0.0316	-0.0268	-0.0175	50	49

DeKalb



Estimated School Effects - DeKalb - Middle School English Language Arts					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Cedar Grove Middle School	0.1052	0.0927	0.1004	52	53
Chamblee Middle School	0.1332	0.1357	0.1673	55	58
Chapel Hill Middle School	0.0225	0.0082	0.0204	49	50
Columbia Middle School	0.0093	-0.0052	0.0192	51	54
DeKalb Academy of Technology and	0.0633	0.0449	0.1228	51	49
DeKalb Alternative School	-0.6160	-0.6149	-0.6826	21	10
DeKalb Elementary School of the	0.2721	0.2555	0.3597	59	64
DeKalb PATH Academy Charter Scho	0.0215	0.0232	0.0059	61	63
DeKalb Preparatory Academy Chart	0.2474	0.2332	0.2894	65	73
DeKalb School of the Arts	0.3143	0.3032	0.3726	57	62
Druid Hills Middle School	0.1197	0.1189	0.1229	56	58
Freedom Middle School	0.0323	0.0239	0.0354	55	57
Henderson Middle School	0.1202	0.1226	0.1496	58	61
International Student Center	-0.0099	-0.0090	-0.0354	45	44
Ivy Prep - Kirkwood	0.1347	0.1176	0.2326	55	60
Ivy Prep - Young Men's	0.0545	0.0376	-0.0499	49	49
Kittredge Magnet School	0.0414	0.0412	0.1099	51	52
Leadership Preparatory Academy	0.2149	0.1985	0.2249	58	61
Lithonia Middle School	0.0744	0.0627	0.0550	53	55
Mary McLeod Bethune Middle Schoo	-0.0696	-0.0826	-0.0727	45	43
McNair Middle School	-0.0349	-0.0474	-0.0251	46	43
Miller Grove Middle School	0.0996	0.0866	0.0935	56	58
Museum School Avondale Estates	0.1086	0.1089	0.1181	57	67
Peachtree Middle School	0.1240	0.1292	0.1540	55	56
Redan Middle School	0.0778	0.0656	0.0683	53	55
Salem Middle School	0.0928	0.0802	0.0750	51	51
Sequoyah Middle School	0.1262	0.1315	0.1134	58	60
Stephenson Middle School	0.0917	0.0780	0.0804	53	55
Stone Mountain Middle School	-0.0215	-0.0314	-0.0424	49	49
Tapestry Public Charter School	0.0818	0.0823	-0.0023	47	44
The Champion Middle Theme School	0.0730	0.0556	0.0738	51	52
Tucker Middle School	0.0869	0.0799	0.0798	54	56
Wadsworth Magnet School for High	0.3568	0.3362	0.4075	61	67

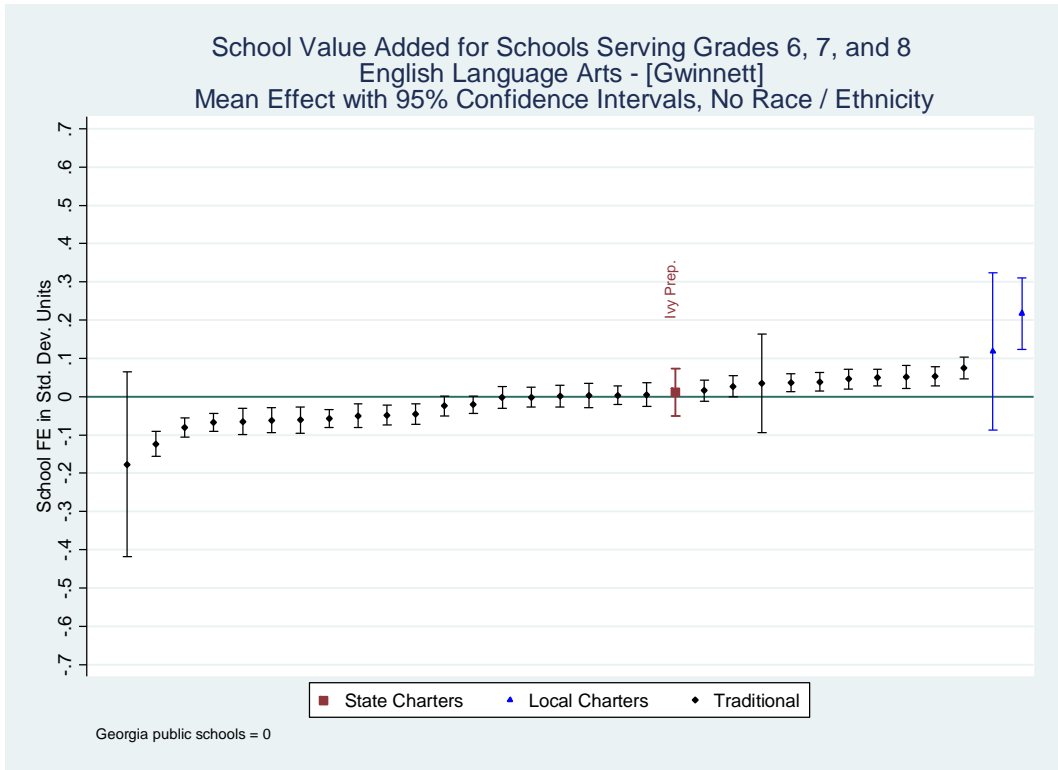
Fulton





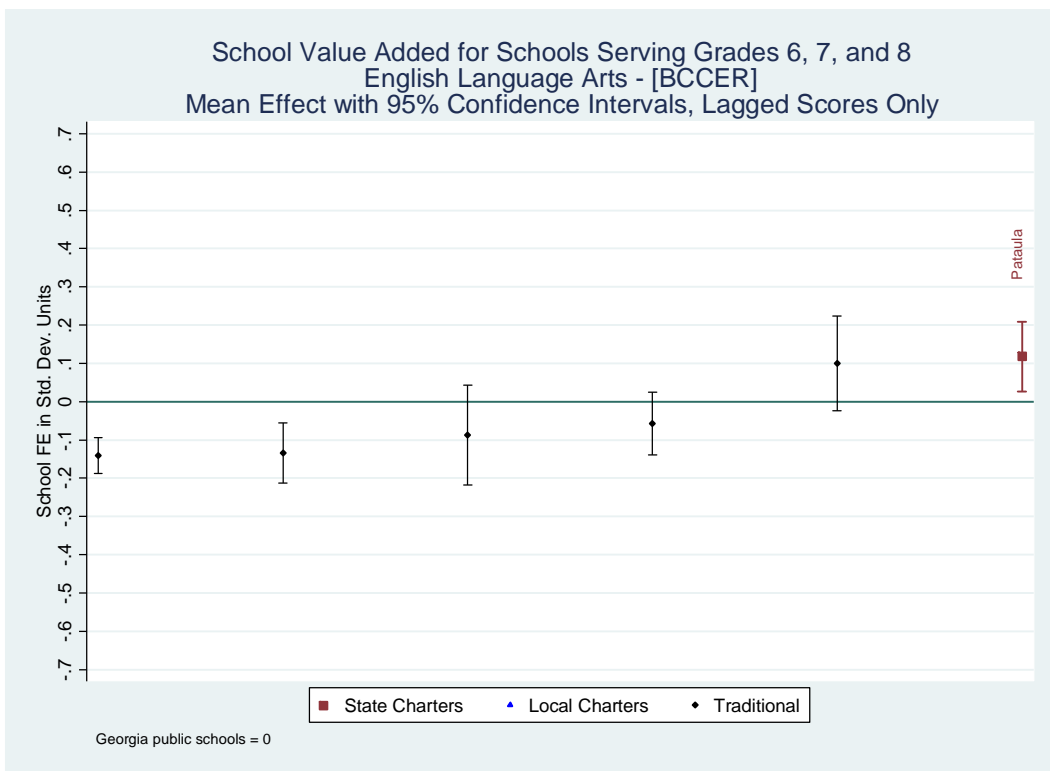
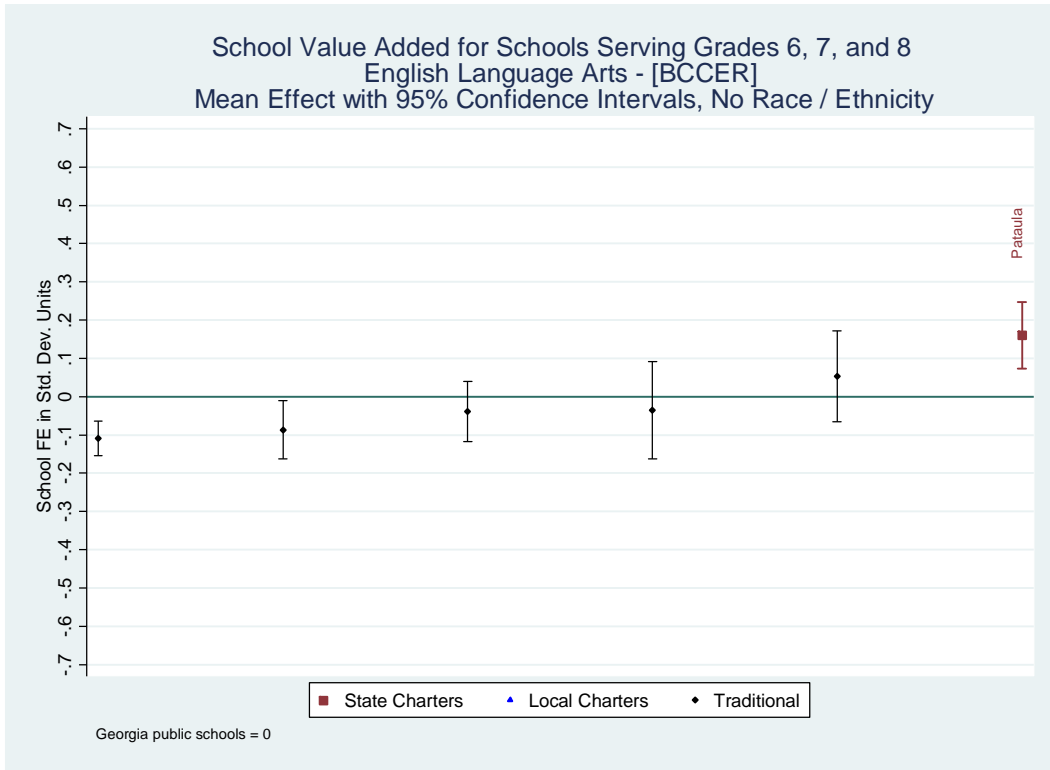
Estimated School Effects - Fulton - Middle School English Language Arts					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Amana Academy School	0.2485	0.2445	0.2682	66	72
Autrey Mill Middle School	0.0361	0.0415	0.0512	51	52
Bear Creek Middle School	0.0244	0.0124	-0.0003	49	46
Camp Creek Middle School	0.0046	-0.0105	-0.0063	50	52
Crabapple Middle School	0.0010	0.0064	0.0311	50	50
Elkins Pointe Middle School	0.0816	0.0861	0.0871	55	58
Fulton Leadership	0.1206	0.1045	-0.0487	45	41
Hapeville Charter Middle School	0.0273	0.0143	0.0386	47	46
Haynes Bridge Middle School	0.0592	0.0624	0.0591	51	50
Holcomb Bridge Middle School	0.0381	0.0379	0.0490	52	53
Hopewell Middle School	0.0638	0.0675	0.0798	55	56
KIPP South Fulton Academy School	-0.0144	-0.0319	-0.0716	52	56
Main Street Charter Academy Elem	0.1016	0.0862	0.1116	56	61
McNair Middle School	-0.0172	-0.0315	-0.0464	44	40
Northwestern Middle School	0.0144	0.0208	0.0379	49	51
Paul D West Middle School	-0.0915	-0.0981	-0.1005	44	40
Renaissance Middle School	-0.0475	-0.0607	-0.0659	44	40
Ridgeview Charter School	0.0386	0.0411	0.0560	53	55
River Trail Middle School	0.1671	0.1700	0.1866	62	66
Sandtown Middle School	-0.0008	-0.0177	-0.0224	45	42
Sandy Springs Middle School	0.1157	0.1119	0.1144	56	58
Taylor Road Middle School	-0.0542	-0.0503	-0.0499	46	43
Webb Bridge Middle School	0.1577	0.1615	0.1702	61	65
Woodland Middle School	-0.0176	-0.0304	-0.0345	48	47

Gwinnett



Estimated School Effects - Gwinnett - Middle School English Language Arts					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Alton C Crews Middle School	-0.0013	-0.0018	-0.0120	51	52
Bay Creek Middle School	-0.0457	-0.0499	-0.0773	48	46
Berkmar Middle School	-0.0631	-0.0647	-0.0858	48	48
Couch Middle School	0.0045	0.0030	-0.0194	49	46
Creekland Middle School	-0.0209	-0.0210	-0.0362	50	49
Dacula Middle School	-0.0452	-0.0479	-0.0684	48	47
Duluth Middle School	0.0367	0.0362	0.0120	53	53
Five Forks Middle School	0.0520	0.0515	0.0276	55	57
Frank N Osborne Middle School	0.0483	0.0532	0.0282	53	54
Glenn C Jones Middle School	0.0251	0.0267	0.0152	52	53
Grace Snell Middle School	0.0145	0.0052	-0.0365	48	48
GIVE Center West	-0.1705	-0.1770	-0.3709	35	14
Gwinnett Online Campus	0.2118	0.2175	0.2018	55	56
Hull Middle School	0.0752	0.0744	0.0605	54	57
Ivy Prep	0.0219	0.0120	0.0872	52	52
Lanier Middle School	0.0114	0.0156	-0.0108	52	52
Lilburn Middle School	-0.0015	-0.0012	-0.0247	52	53
Louise Radloff Middle School	-0.0803	-0.0808	-0.0974	49	49
McConnell Middle School	0.0394	0.0390	0.0247	53	55
Moore Middle School	-0.1199	-0.1236	-0.1523	45	42
New Life Academy of Excellence D	0.0458	0.0347	0.0571	49	49
North Gwinnett Middle School	0.0455	0.0496	0.0420	53	55
North Metro Academy of Performin	0.1368	0.1181	0.1715	53	51
Northbrook Middle School	-0.0608	-0.0614	-0.0763	47	46
Pinckneyville Middle School	0.0031	0.0010	-0.0220	50	51
Richards Middle School	-0.0196	-0.0244	-0.0455	49	47
Shiloh Middle School	0.0137	0.0032	-0.0322	50	50
Snellville Middle School	-0.0495	-0.0609	-0.0843	46	43
Summerour Middle School	-0.0451	-0.0451	-0.0675	50	50
Sweetwater Middle School	-0.0559	-0.0573	-0.0713	48	46
Trickum Middle School	-0.0679	-0.0671	-0.0682	47	45
Twin Rivers Middle School	0.0449	0.0461	0.0208	54	58

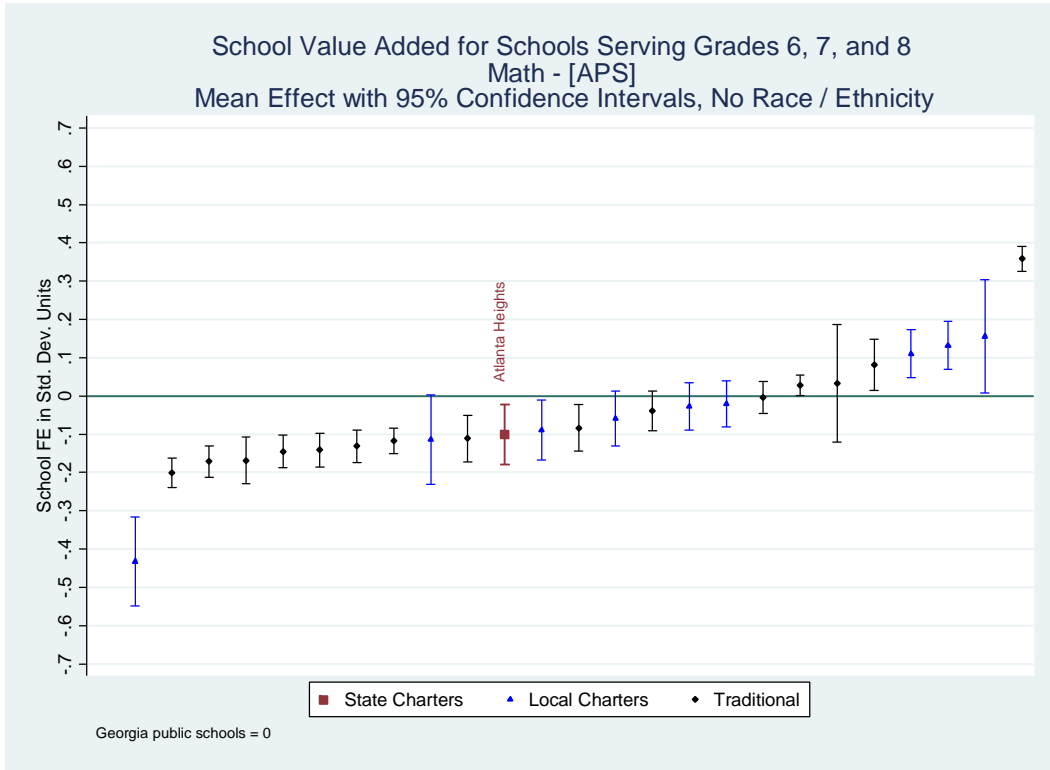
Baker Calhoun, Clay, Early and Randolph (BCCER)



Estimated School Effects - BCCER - Middle School English Language Arts					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Baker County K12 School	0.0655	0.0538	0.0996	56	59
Calhoun County Middle School	-0.0262	-0.0390	-0.0572	44	39
Clay County Middle School	-0.0216	-0.0349	-0.0873	46	43
Early County Middle School	-0.1029	-0.1091	-0.1405	45	41
Pataula	0.1489	0.1595	0.1178	55	57
Randolph Clay Middle School	-0.0758	-0.0870	-0.1340	41	37

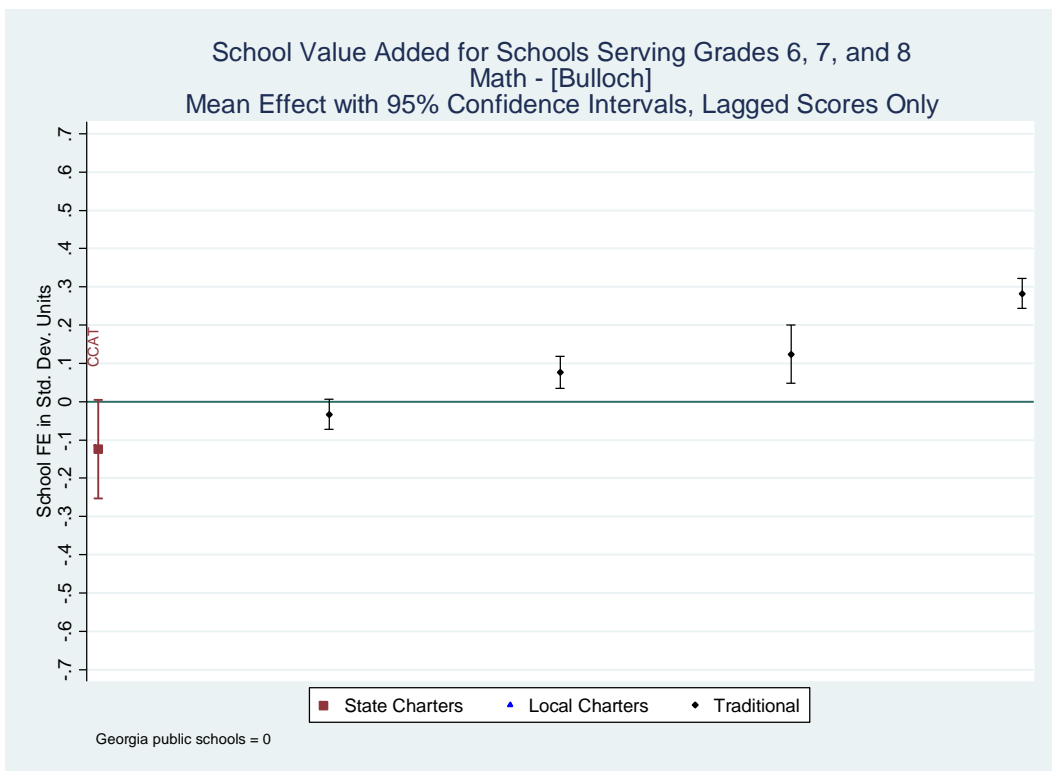
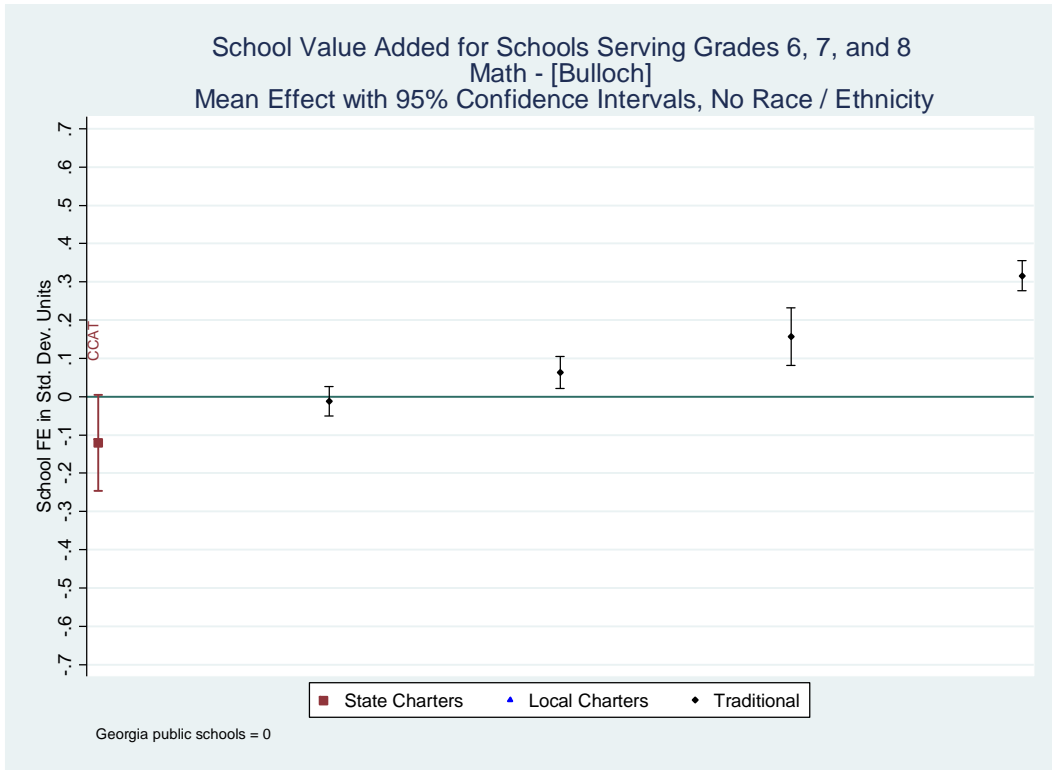
### Schools Serving Grades 6, 7 and 8 – Math

#### APS District



Estimated School Effects - APS - Middle School Math					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
APS-Forrest Hills Academy	0.0799	0.0331	-0.0255	28	25
Atlanta Charter Middle School	0.0756	0.0814	0.0279	51	53
Atlanta Classical Academy	-0.1077	-0.0886	-0.1747	39	35
Atlanta Heights	-0.0637	-0.1002	-0.1150	45	45
Brown Middle School	-0.0948	-0.1313	-0.1348	43	40
Bunche Middle School	-0.1606	-0.2014	-0.1910	40	36
Centennial Place Elementary Scho	-0.0775	-0.1137	-0.0604	54	52
Charles Drew Charter School JA/S	-0.0004	-0.0384	-0.0399	48	45
Coretta Scott King Young Women's	-0.0744	-0.1113	-0.0888	45	44
Harper-Archer Middle School	-0.1091	-0.1449	-0.1443	40	35
Imagine Wesley International Aca	-0.0150	-0.0593	-0.0337	48	48
Inman Middle School	0.3658	0.3585	0.3922	69	76
Intown Charter Academy	-0.3828	-0.4324	-0.3667	27	19
KIPP VISION	0.0306	-0.0273	0.0151	56	59
KIPP West Atlanta Young Scholars	0.1910	0.1320	0.1605	64	69
Kindezi	0.2062	0.1559	0.1156	59	68
King Middle School	0.0320	-0.0037	-0.0030	52	55
Kipp Strive Academy	0.1716	0.1102	0.1368	66	74
Latin Academy Charter School	0.0330	-0.0210	-0.0218	49	50
Long Middle School	-0.1350	-0.1713	-0.1688	40	38
Price Middle School	-0.0467	-0.0833	-0.0680	47	43
Sutton Middle School	0.0319	0.0287	0.0693	52	53
Sylvan Hills Middle School	-0.1051	-0.1410	-0.1400	41	39
The Best Academy at Benjamin S	-0.1334	-0.1687	-0.1662	39	36
Young Middle School	-0.0772	-0.1171	-0.1005	42	40

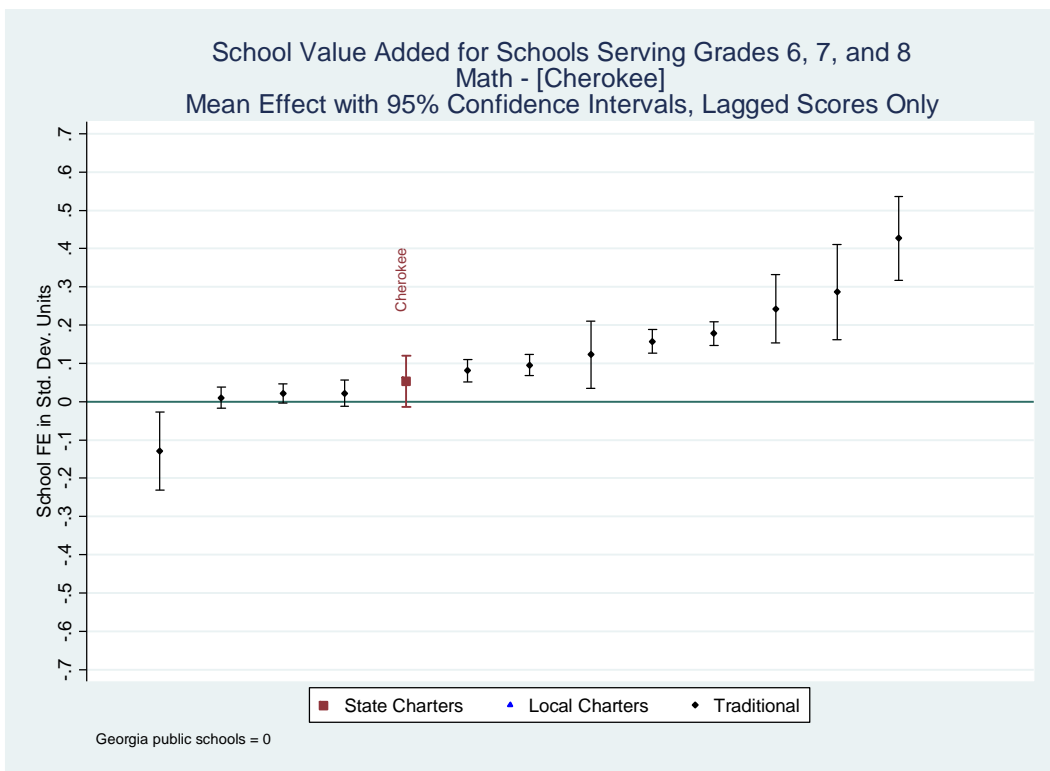
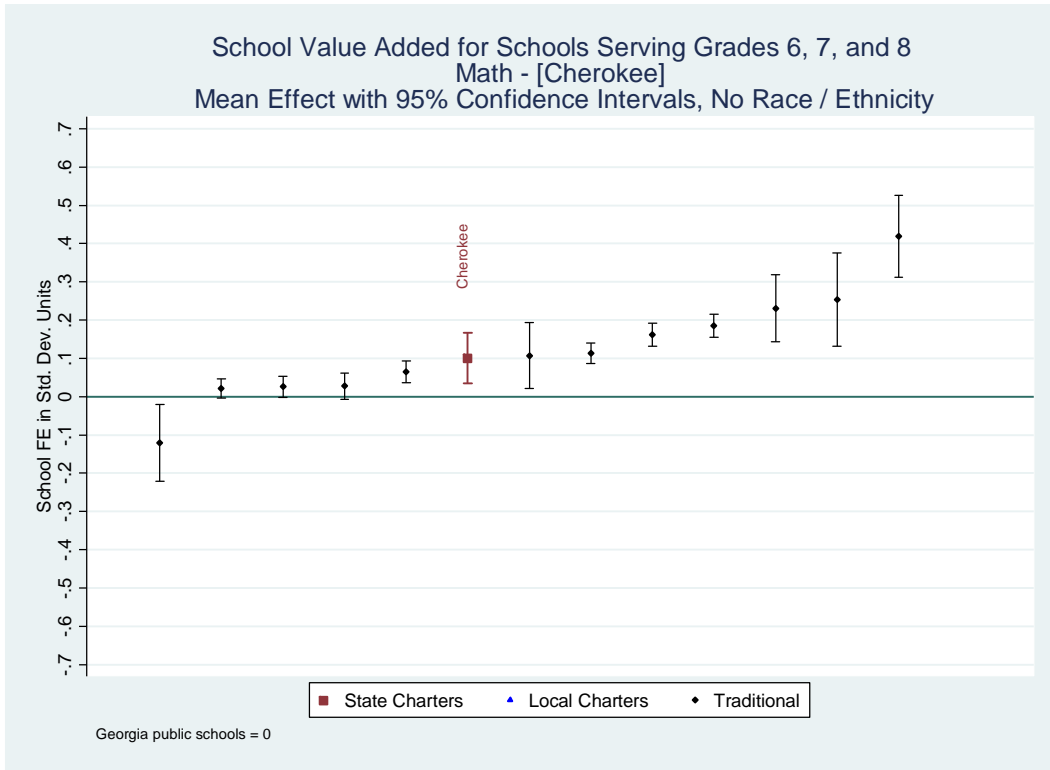
Bulloch





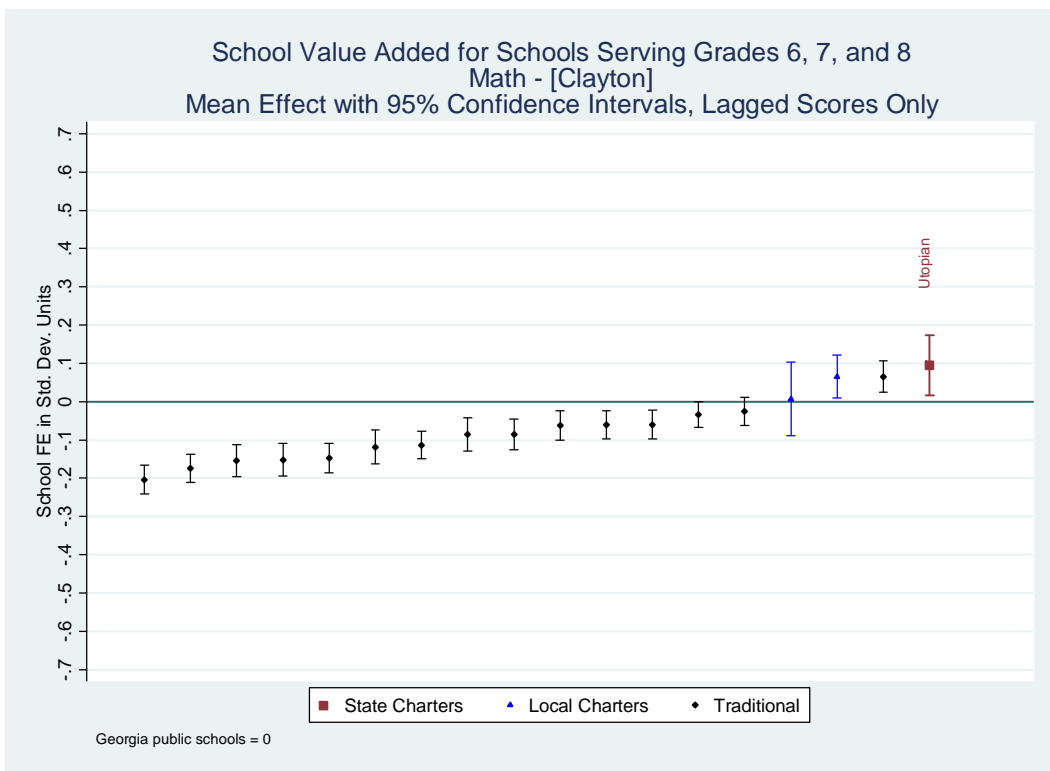
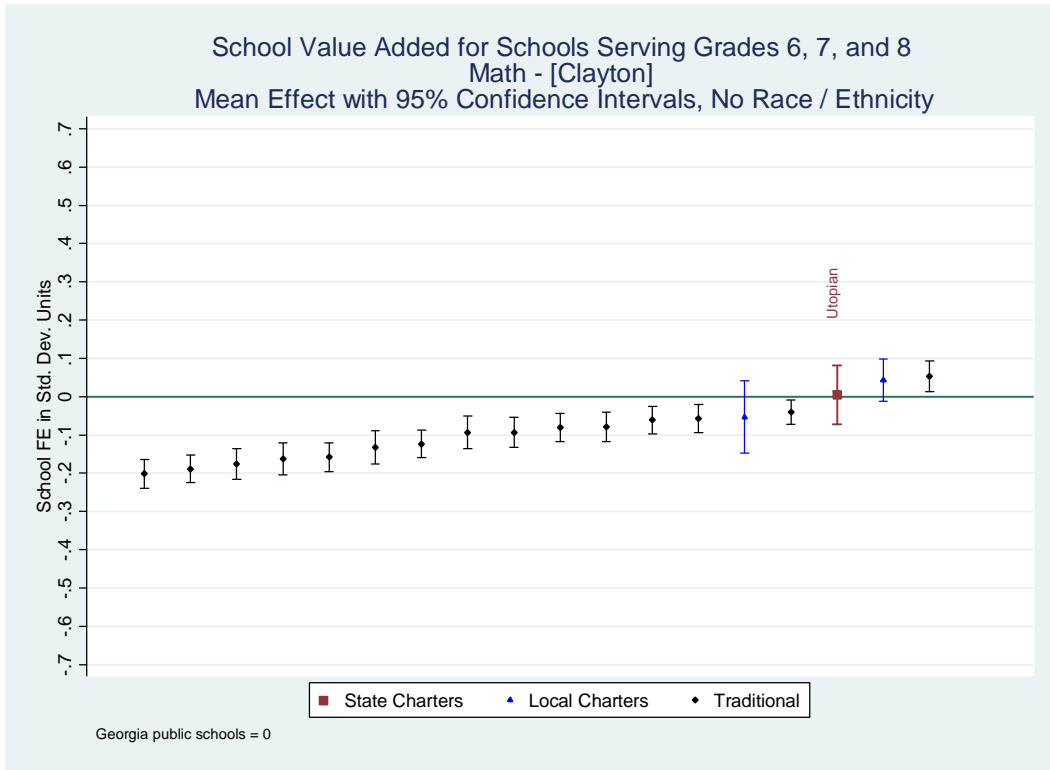
Estimated School Effects - Bulloch - Middle School Math					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
CCAT	-0.1349	-0.1209	-0.1240	46	50
Langston Chapel Middle School	-0.0034	-0.0120	-0.0329	49	51
Portal Middle/High School	0.1413	0.1570	0.1241	56	56
Southeast Bulloch Middle School	0.2861	0.3162	0.2828	64	70
William James Middle School	0.0624	0.0636	0.0764	53	54

Cherokee



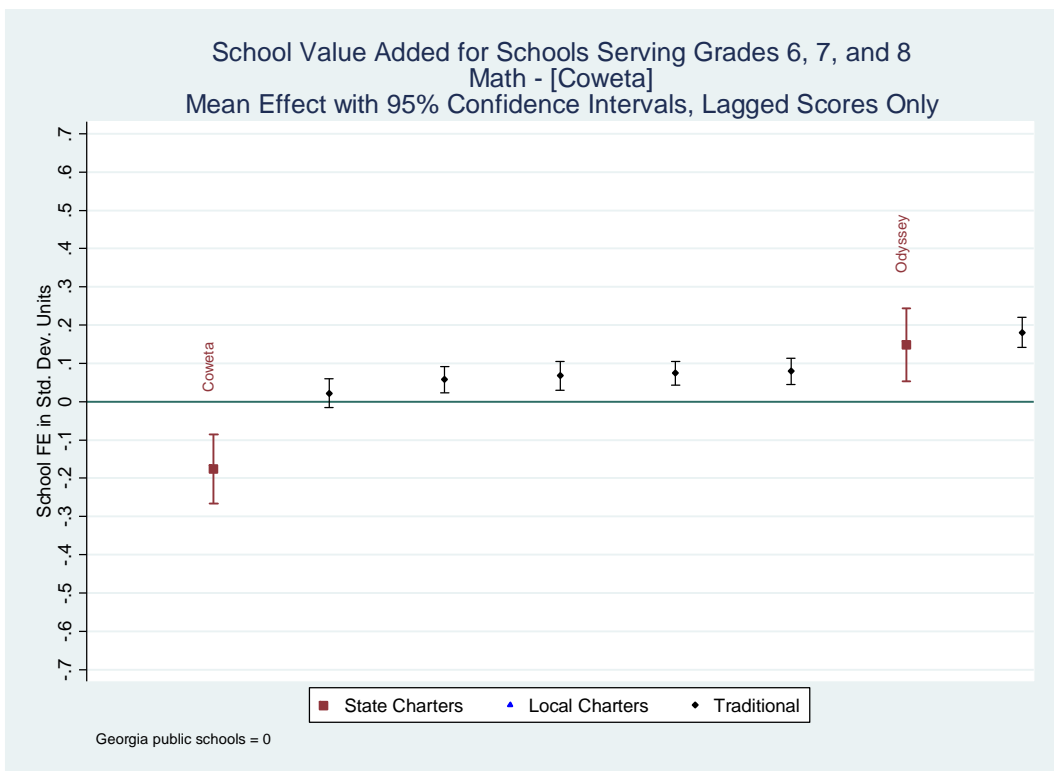
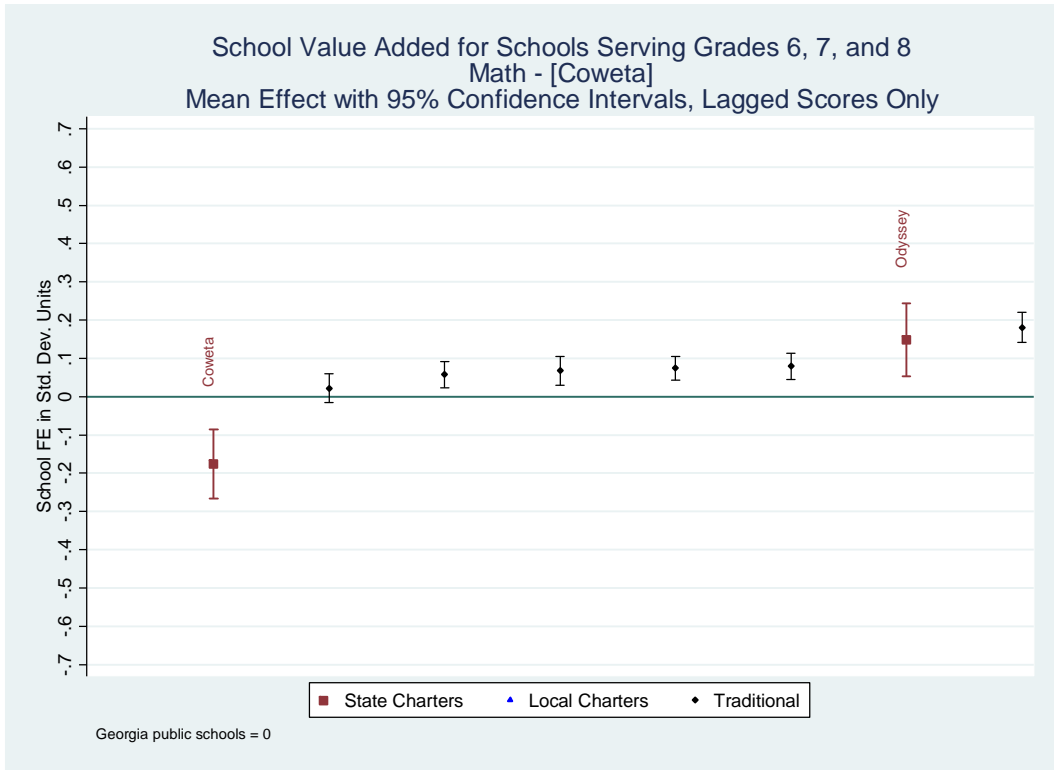
Estimated School Effects - Cherokee - Middle School Math					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Ball Ground Elementary School	0.2177	0.2536	0.2865	72	78
Booth Middle School	0.0023	0.0213	0.0220	52	52
Cherokee	0.0643	0.1007	0.0528	55	55
Creekland Middle School	0.0849	0.1136	0.0958	53	55
Freedom Middle School	0.1410	0.1623	0.1575	56	58
Hickory Flat Elementary School	-0.1406	-0.1201	-0.1286	47	46
Holly Springs Elementary School	0.0822	0.1068	0.1229	59	62
Indian Knoll Elementary	0.2093	0.2310	0.2428	58	61
Mill Creek Middle School	0.0455	0.0648	0.0808	57	59
Mountain Road Elementary School	0.3965	0.4195	0.4270	67	68
Rusk Middle School	0.0005	0.0278	0.0222	53	53
Teasley Middle School	0.0025	0.0261	0.0102	48	48
Woodstock Middle School	0.1692	0.1850	0.1778	57	60

Clayton



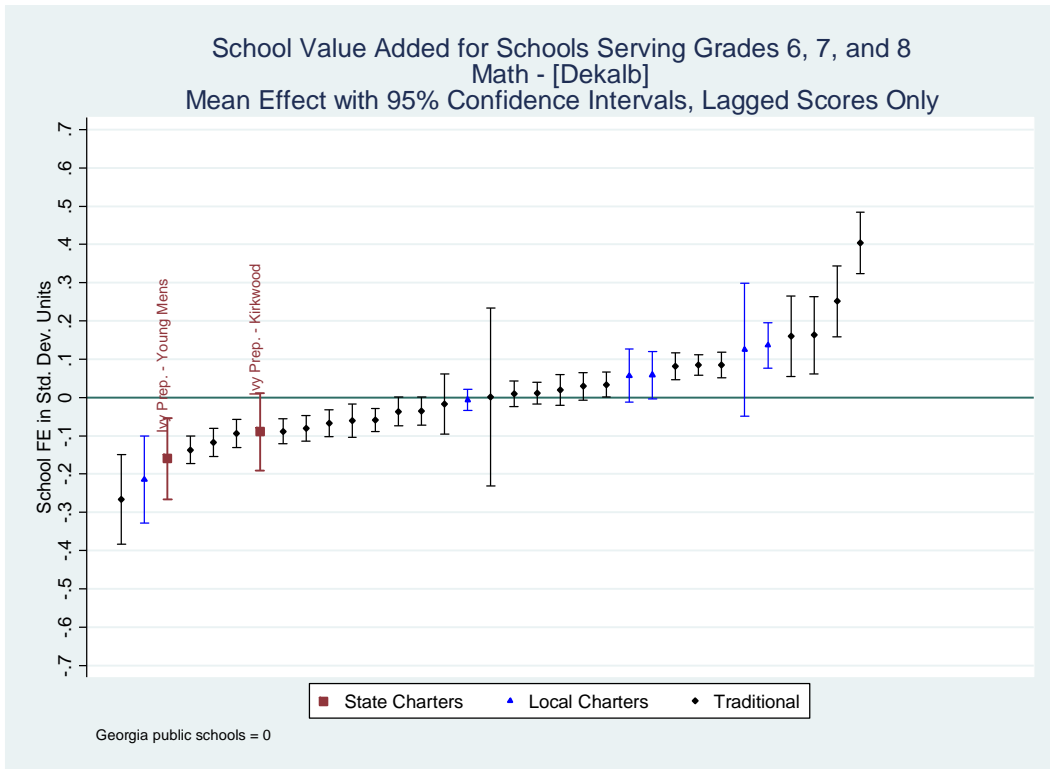
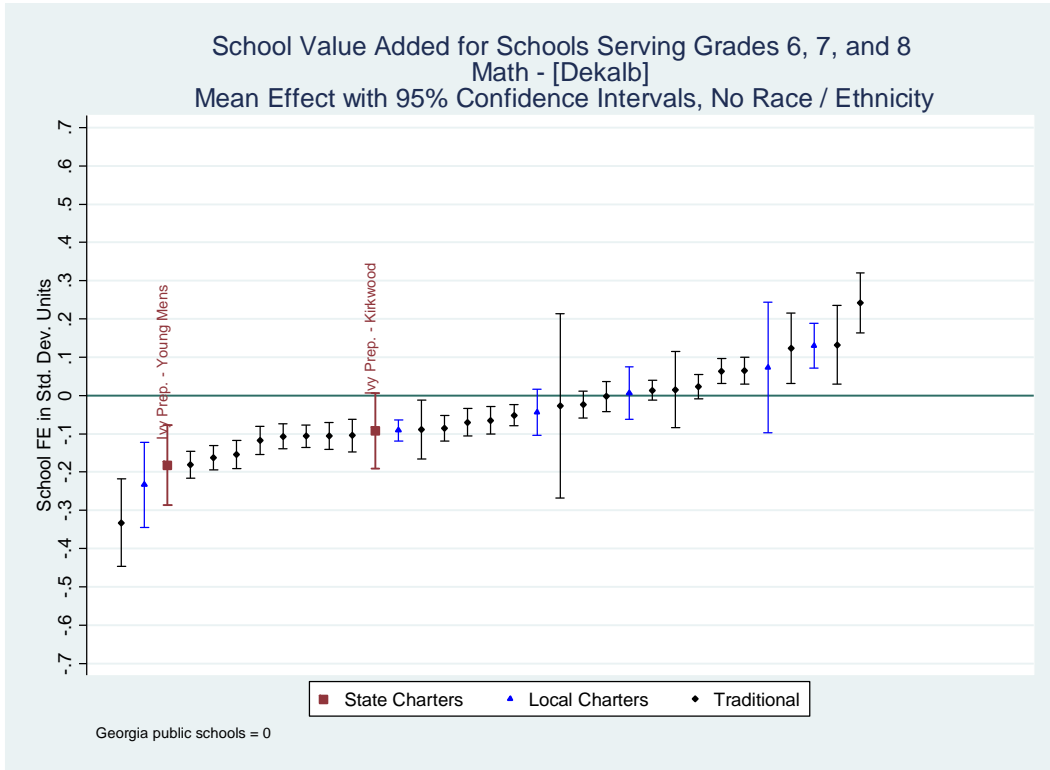
Estimated School Effects - Clayton - Middle School Math					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Adamson Middle School	-0.0989	-0.1328	-0.1185	44	40
Babb Middle School	-0.0464	-0.0609	-0.0256	49	49
Eddie White Academy	-0.1407	-0.1755	-0.1540	42	38
Elite Scholars Academy School	0.0888	0.0425	0.0652	53	56
Forest Park Middle School	-0.1429	-0.1631	-0.1518	43	39
Jonesboro Middle School	-0.1640	-0.1886	-0.1739	42	39
Kendrick Middle School	-0.0455	-0.0790	-0.0616	49	50
Lovejoy Middle School	-0.0613	-0.0938	-0.0863	45	43
M D Roberts Middle School	-0.0878	-0.1233	-0.1136	45	43
Morrow Middle School	-0.0758	-0.0938	-0.0856	45	44
Mundys Mill Middle School	-0.1284	-0.1575	-0.1468	42	39
North Clayton Middle School	-0.0242	-0.0569	-0.0600	48	45
Pointe South Middle School	-0.1696	-0.2014	-0.2036	39	35
Rex Mill Middle School	-0.0091	-0.0402	-0.0340	48	48
Riverdale Middle School	0.0857	0.0534	0.0656	58	59
Sequoyah Middle School	-0.0532	-0.0807	-0.0606	47	44
Unidos Dual Language Charter Sch	-0.0336	-0.0535	0.0070	51	48
Utopian	0.0585	0.0046	0.0950	61	64

Coweta



Estimated School Effects - Coweta - Middle School Math					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Arnall Middle School	0.0366	0.0459	0.0576	56	59
Coweta	-0.1991	-0.1781	-0.1762	41	36
East Coweta Middle School	0.1408	0.1629	0.1805	61	65
Evans Middle School	0.0000	0.0178	0.0222	52	54
Lee Middle School	0.0253	0.0435	0.0792	52	52
Madras Middle School	0.0475	0.0682	0.0742	56	59
Odyssey	0.1091	0.1215	0.1482	62	66
Smokey Road Middle School	0.0539	0.0668	0.0676	55	58

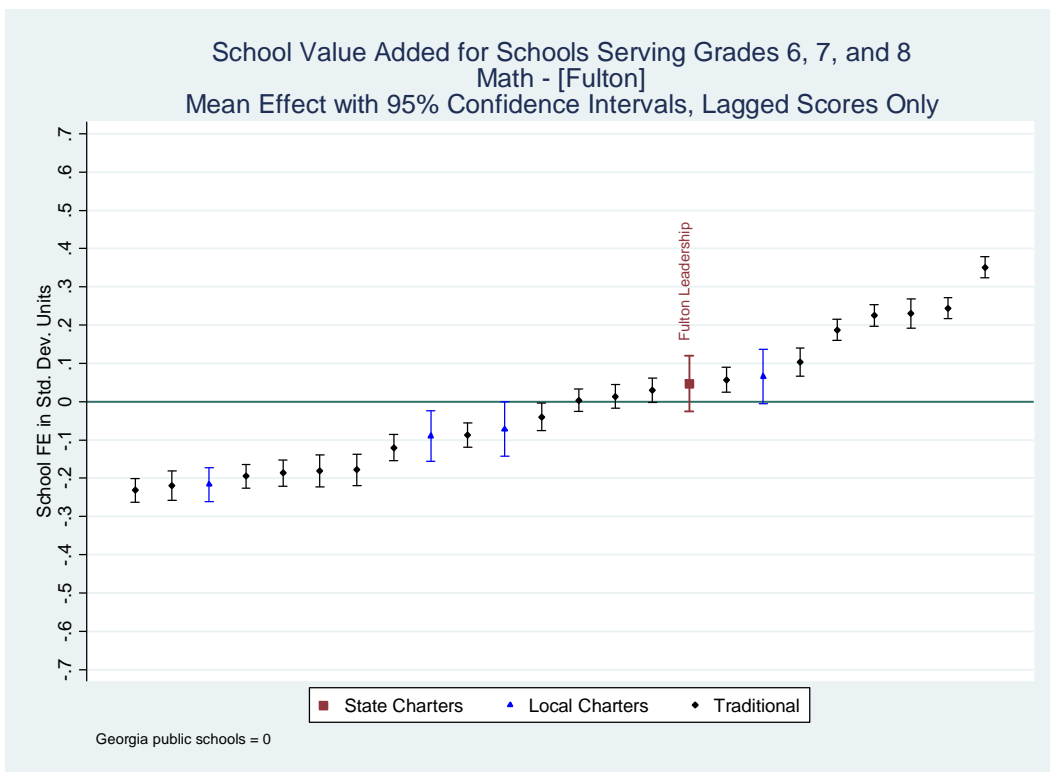
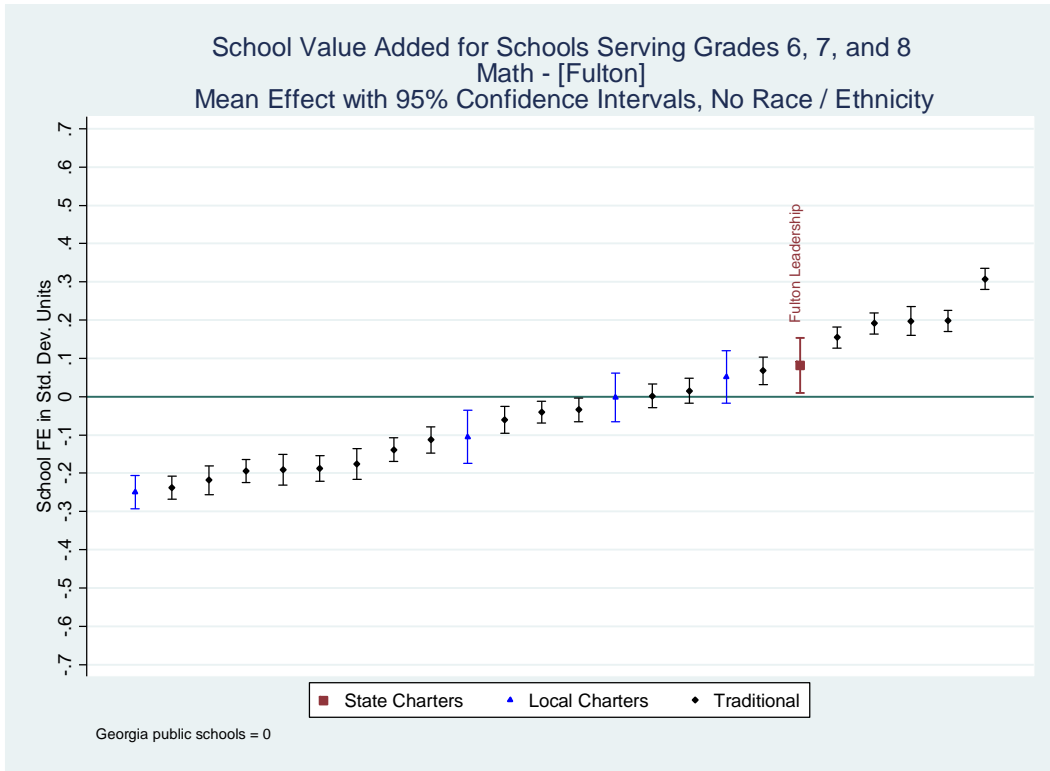
DeKalb





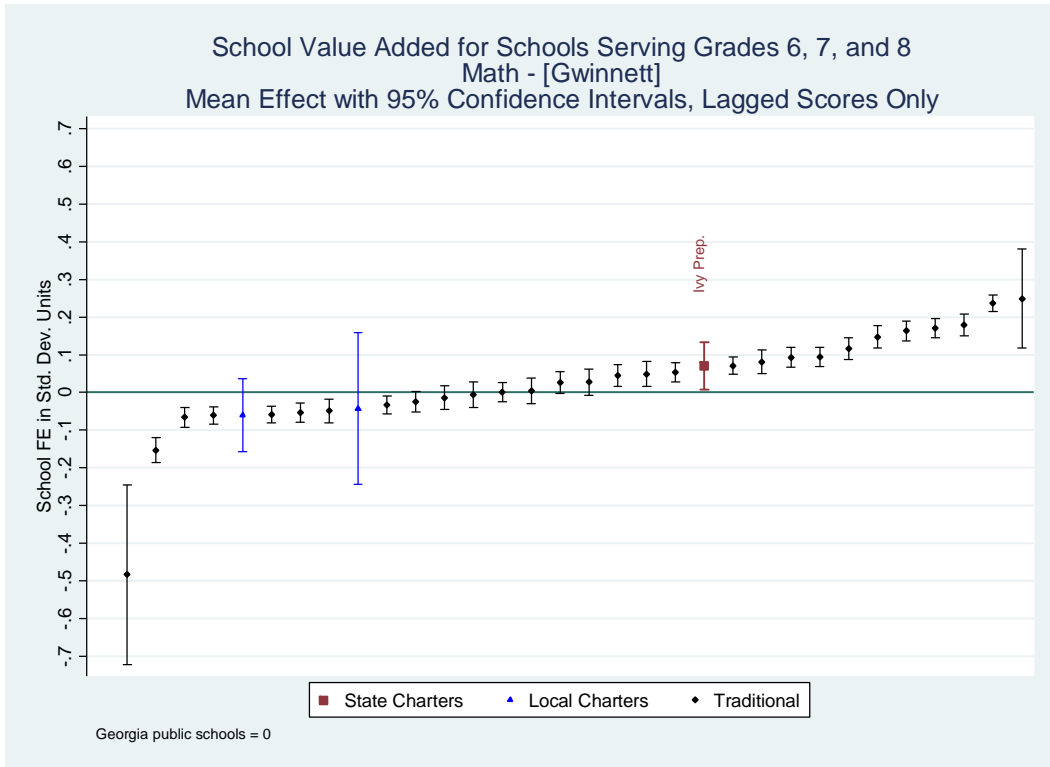
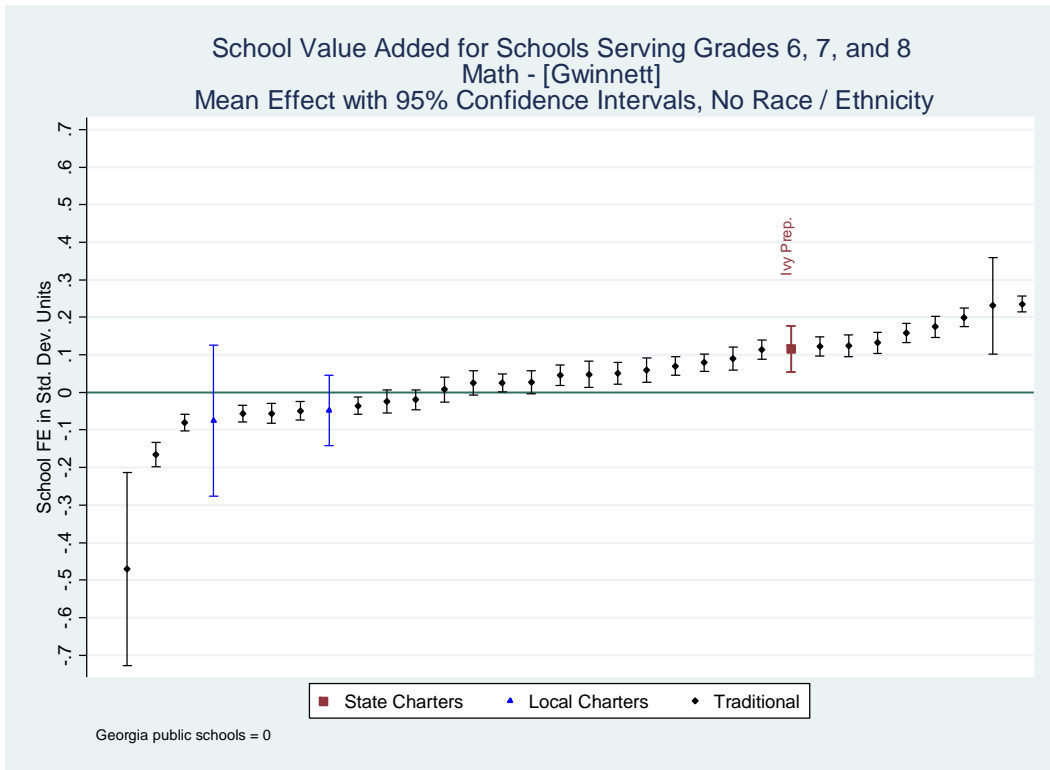
Estimated School Effects - DeKalb - Middle School Math					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Cedar Grove Middle School	-0.0371	-0.0646	-0.0366	47	46
Chamblee Middle School	-0.0904	-0.0849	0.0096	47	47
Chapel Hill Middle School	-0.1206	-0.1538	-0.1170	44	43
Columbia Middle School	-0.0718	-0.1055	-0.0670	47	47
DeKalb Academy of Technology and	0.0013	-0.0439	0.0589	56	59
DeKalb Alternative School	-0.0336	-0.0272	0.0014	41	35
DeKalb Elementary School of the	-0.0489	-0.0887	-0.0170	50	53
DeKalb PATH Academy Charter Scho	0.1370	0.1305	0.1362	57	61
DeKalb Preparatory Academy Chart	0.1067	0.0728	0.1246	57	59
DeKalb School of the Arts	-0.3013	-0.3322	-0.2658	34	28
Druid Hills Middle School	-0.0247	-0.0234	0.0293	53	53
Freedom Middle School	-0.1595	-0.1629	-0.0881	44	39
Henderson Middle School	0.0116	0.0136	0.0849	55	57
International Student Center	0.1032	0.1229	0.2518	42	40
Ivy Prep - Kirkwood	-0.0505	-0.0924	-0.0894	47	46
Ivy Prep - Young Men's	-0.1417	-0.1824	-0.1594	38	31
Kittredge Magnet School	0.2405	0.2419	0.4042	63	67
Leadership Preparatory Academy	0.0462	0.0060	0.0570	56	60
Lithonia Middle School	0.0508	0.0238	0.0337	54	56
Mary McLeod Bethune Middle Schoo	-0.0400	-0.0701	-0.0360	48	46
McNair Middle School	-0.0759	-0.1046	-0.0607	45	45
Miller Grove Middle School	0.0940	0.0650	0.0817	59	63
Museum School Avondale Estates	0.1326	0.1324	0.1605	60	67
Peachtree Middle School	-0.1011	-0.0910	-0.0063	48	47
Redan Middle School	0.0250	-0.0027	0.0196	54	57
Salem Middle School	-0.0779	-0.1067	-0.0808	46	45
Sequoyah Middle School	-0.0538	-0.0514	0.0113	49	48
Stephenson Middle School	0.0961	0.0638	0.0850	58	61
Stone Mountain Middle School	-0.0982	-0.1175	-0.0940	47	46
Tapestry Public Charter School	-0.2314	-0.2328	-0.2147	43	38
The Champion Middle Theme School	-0.1401	-0.1802	-0.1370	44	41
Tucker Middle School	-0.0961	-0.1058	-0.0590	47	44
Wadsworth Magnet School for High	0.0665	0.0154	0.1630	58	62

Fulton



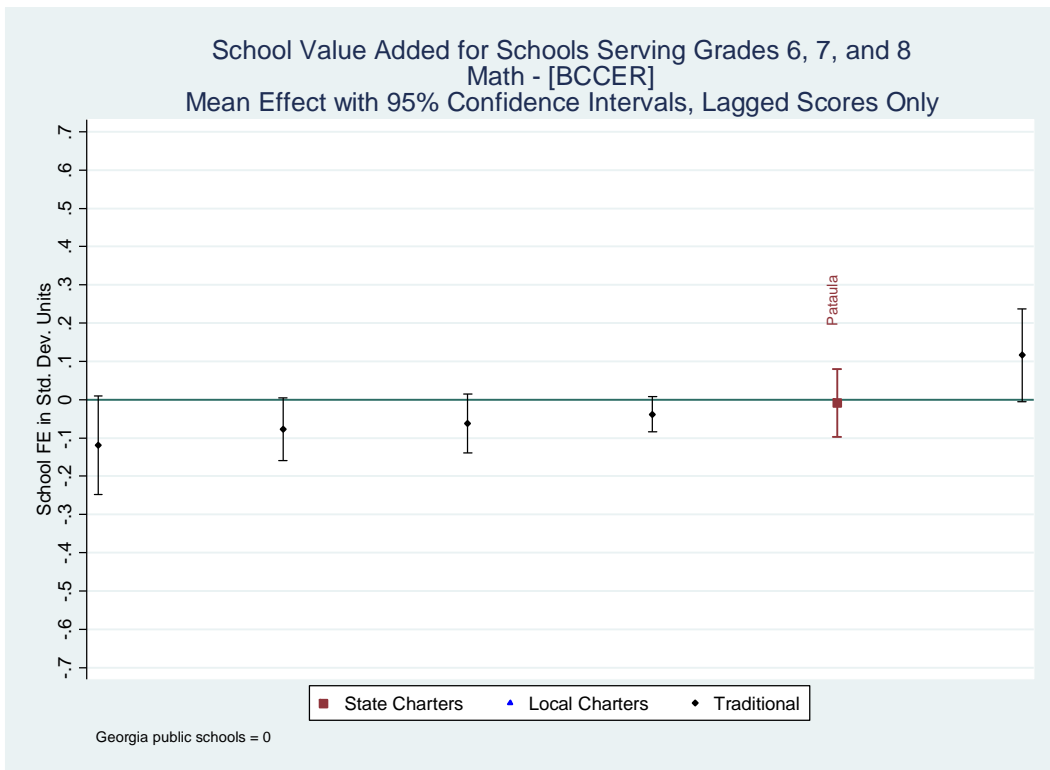
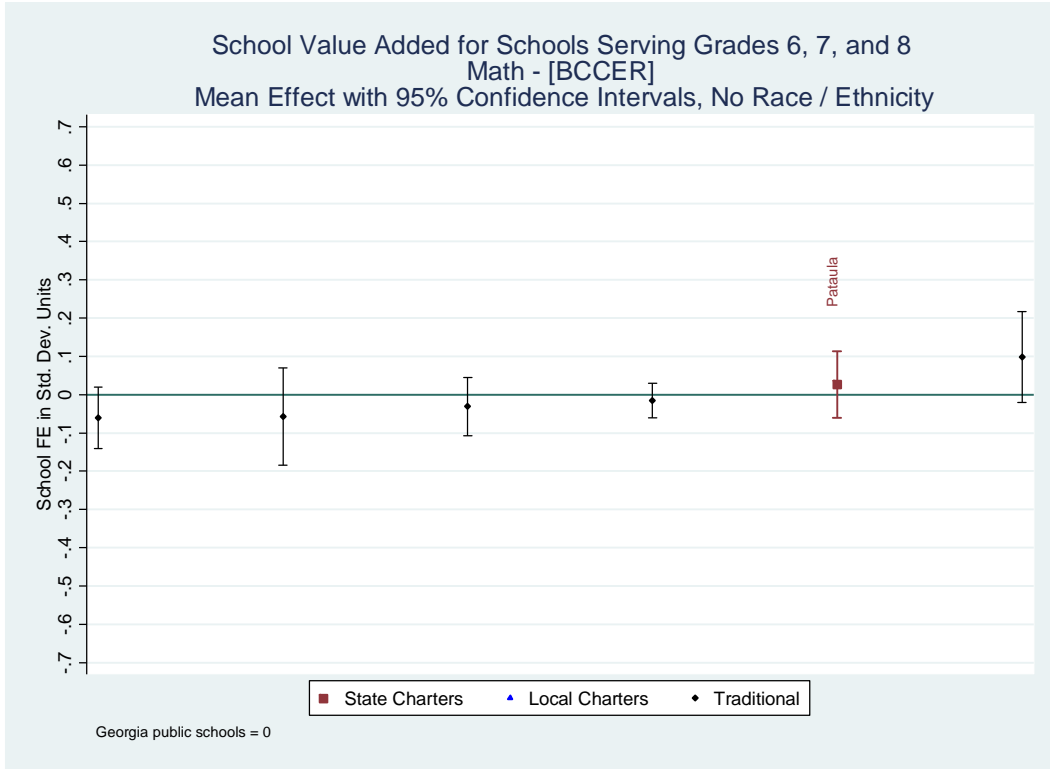
Estimated School Effects - Fulton - Middle School Math					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Amana Academy School	0.0526	0.0519	0.0657	57	63
Autrey Mill Middle School	0.1806	0.1981	0.2441	53	53
Bear Creek Middle School	-0.0822	-0.1127	-0.1200	42	37
Camp Creek Middle School	-0.1416	-0.1759	-0.1780	39	35
Crabapple Middle School	0.0009	0.0153	0.0572	51	51
Elkins Pointe Middle School	-0.0408	-0.0343	0.0137	48	48
Fulton Leadership	0.1185	0.0819	0.0473	55	55
Hapeville Charter Middle School	-0.2179	-0.2496	-0.2165	33	25
Haynes Bridge Middle School	0.1919	0.1977	0.2301	56	59
Holcomb Bridge Middle School	0.0730	0.0674	0.1040	56	59
Hopewell Middle School	0.1817	0.1911	0.2253	57	60
KIPP South Fulton Academy School	0.0413	-0.0016	-0.0896	49	48
Main Street Charter Academy Elem	-0.0674	-0.1052	-0.0716	47	42
McNair Middle School	-0.1841	-0.2177	-0.2196	34	27
Northwestern Middle School	-0.0573	-0.0399	0.0035	45	42
Paul D West Middle School	-0.1704	-0.1907	-0.1808	39	35
Renaissance Middle School	-0.1610	-0.1938	-0.1944	38	32
Ridgeview Charter School	-0.1365	-0.1384	-0.0869	44	42
River Trail Middle School	0.2924	0.3079	0.3514	60	64
Sandtown Middle School	-0.1961	-0.2370	-0.2314	36	30
Sandy Springs Middle School	-0.0470	-0.0601	-0.0397	49	49
Taylor Road Middle School	-0.0093	0.0022	0.0298	44	40
Webb Bridge Middle School	0.1421	0.1547	0.1873	57	60
Woodland Middle School	-0.1559	-0.1872	-0.1863	39	34

Gwinnett



Estimated School Effects - Gwinnett - Middle School Math					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Alton C Crews Middle School	0.1720	0.1749	0.1789	54	55
Bay Creek Middle School	-0.0137	-0.0246	-0.0485	48	45
Berkmar Middle School	0.0160	0.0074	0.0037	49	48
Couch Middle School	0.0622	0.0587	0.0488	52	54
Creekland Middle School	-0.0567	-0.0559	-0.0588	45	43
Dacula Middle School	0.1219	0.1142	0.0939	57	60
Duluth Middle School	0.0813	0.0794	0.0712	53	54
Five Forks Middle School	0.0889	0.0903	0.0811	54	54
Frank N Osborne Middle School	0.1872	0.1996	0.1699	56	58
Glenn C Jones Middle School	0.1259	0.1321	0.1159	57	62
Grace Snell Middle School	0.0509	0.0263	-0.0138	50	49
GIVE Center West	-0.4465	-0.4699	-0.4831	19	18
Gwinnett Online Campus	-0.0636	-0.0479	-0.0602	43	37
Hull Middle School	0.1161	0.1236	0.1474	52	54
Ivy Prep	0.1494	0.1158	0.0703	53	53
Lanier Middle School	0.0379	0.0456	0.0258	52	53
Lilburn Middle School	0.1654	0.1580	0.1632	59	65
Louise Radloff Middle School	-0.0384	-0.0491	-0.0536	47	45
McConnell Middle School	0.0700	0.0704	0.0534	52	54
Moore Middle School	0.0335	0.0252	-0.0057	48	49
New Life Academy of Excellence D	0.2625	0.2311	0.2491	65	75
North Gwinnett Middle School	0.2202	0.2355	0.2364	57	60
North Metro Academy of Performin	-0.0253	-0.0756	-0.0428	42	39
Northbrook Middle School	-0.1648	-0.1654	-0.1531	41	35
Pinckneyville Middle School	0.0593	0.0504	0.0450	50	49
Richards Middle School	-0.0439	-0.0558	-0.0661	44	40
Shiloh Middle School	0.0526	0.0253	0.0007	51	53
Snellville Middle School	0.0772	0.0482	0.0276	56	59
Summerour Middle School	-0.0108	-0.0196	-0.0247	49	47
Sweetwater Middle School	-0.0266	-0.0354	-0.0334	49	50
Trickum Middle School	-0.0855	-0.0804	-0.0607	44	41
Twin Rivers Middle School	0.1197	0.1218	0.0932	55	58

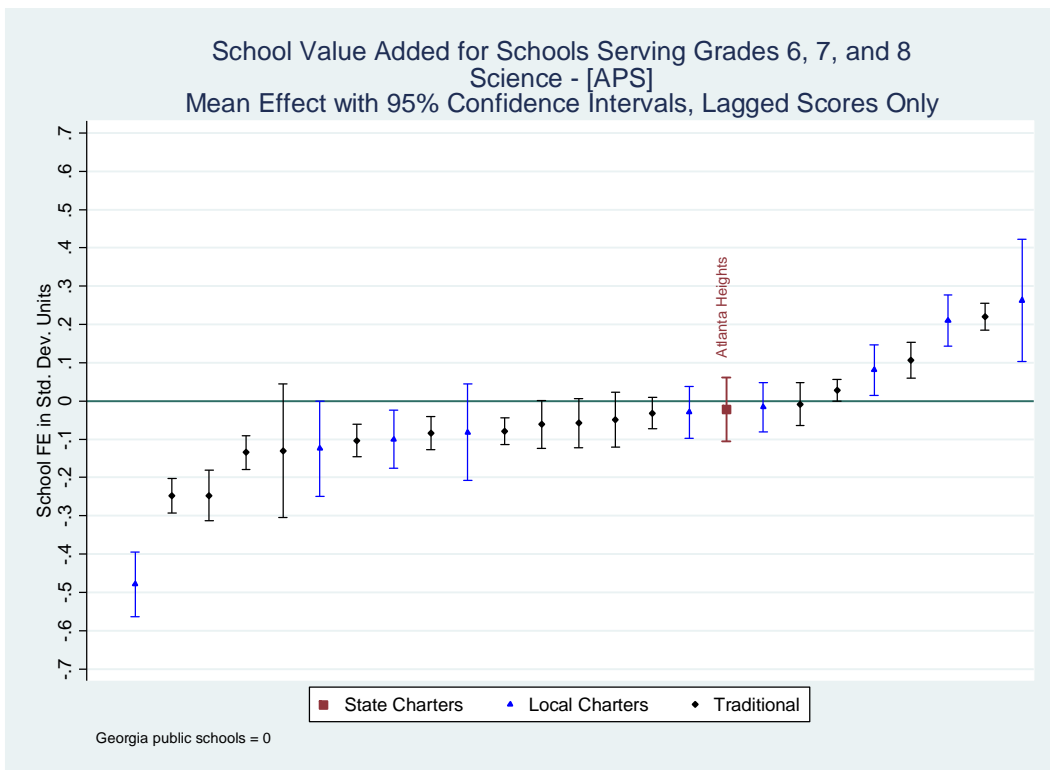
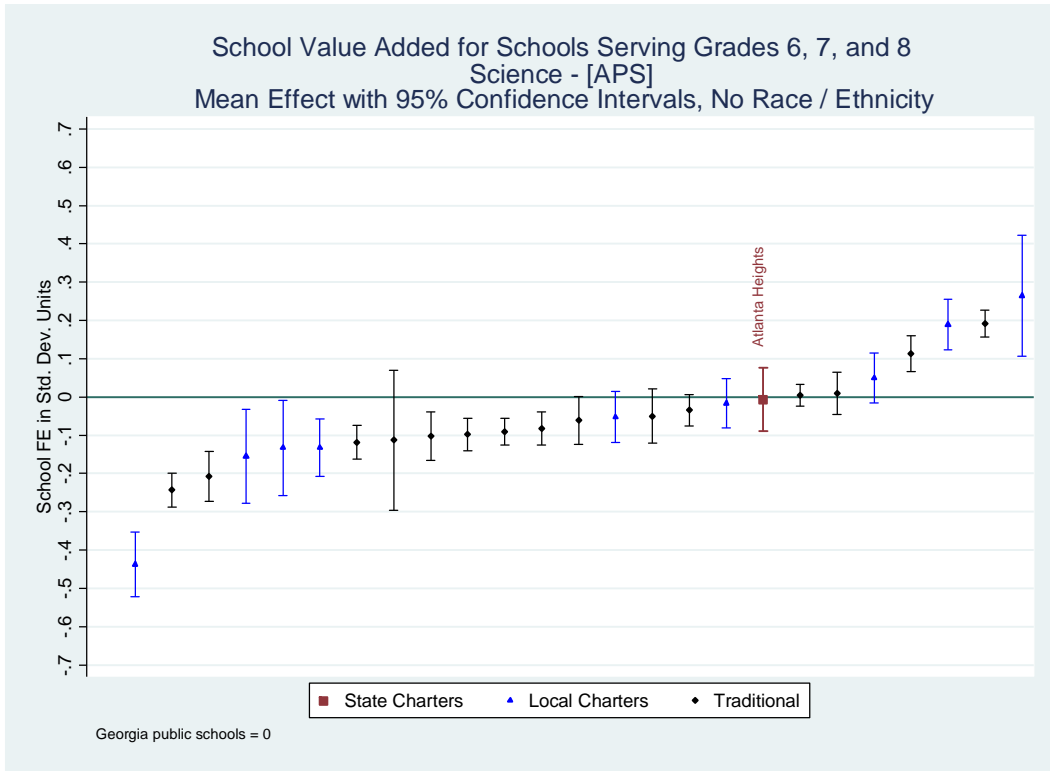
Baker Calhoun, Clay, Early and Randolph (BCCER)



Estimated School Effects - BCCER - Middle School Math					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Baker County K12 School	0.1427	0.0988	0.1162	56	50
Calhoun County Middle School	-0.0331	-0.0605	-0.0773	43	40
Clay County Middle School	-0.0275	-0.0571	-0.1189	42	40
Early County Middle School	-0.0034	-0.0154	-0.0381	47	43
Pataula	-0.0050	0.0269	-0.0084	50	47
Randolph Clay Middle School	-0.0061	-0.0305	-0.0622	44	41

### Schools Serving Grades 6, 7 and 8 – Science

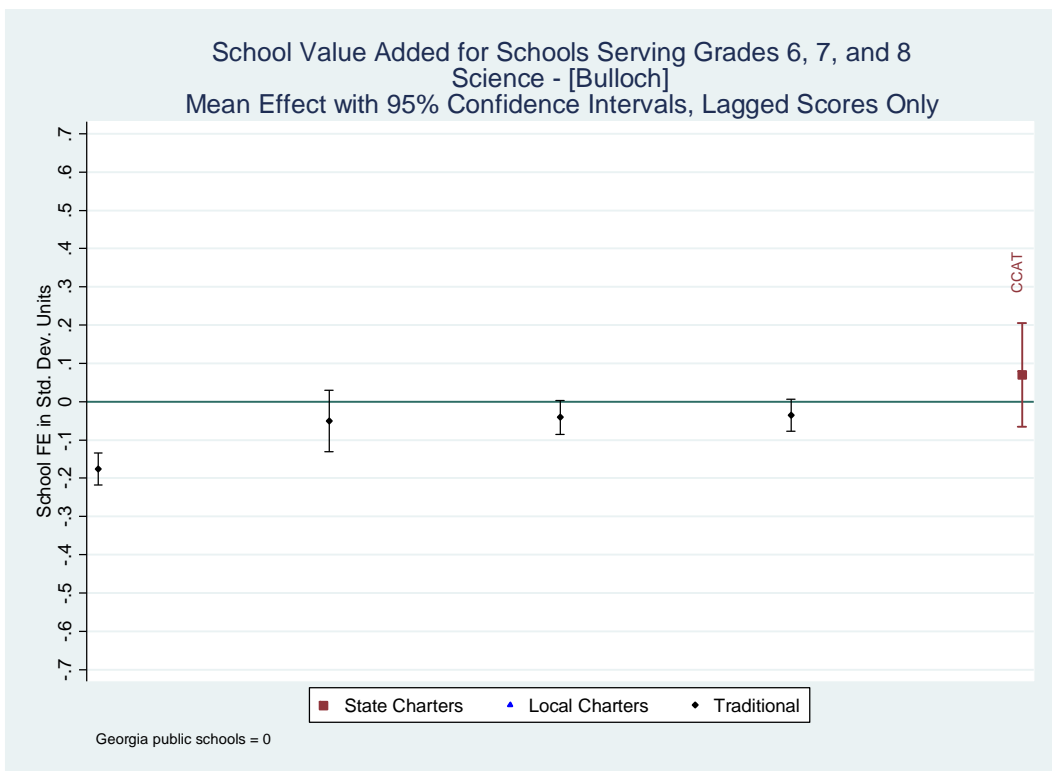
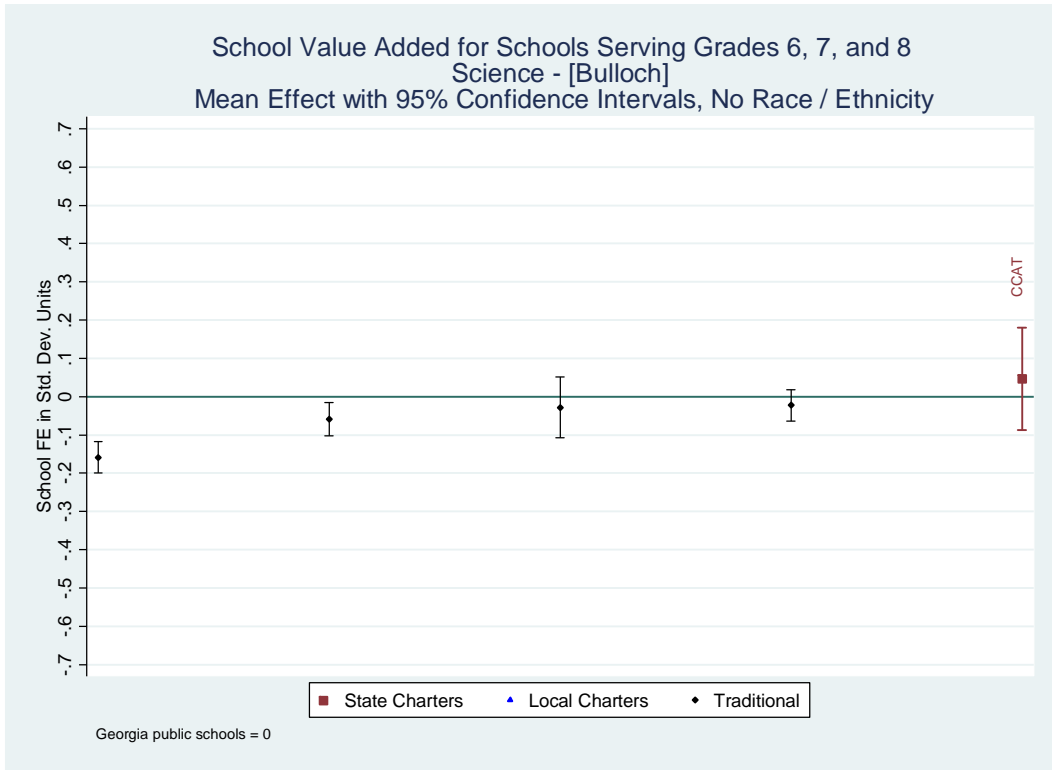
#### APS District





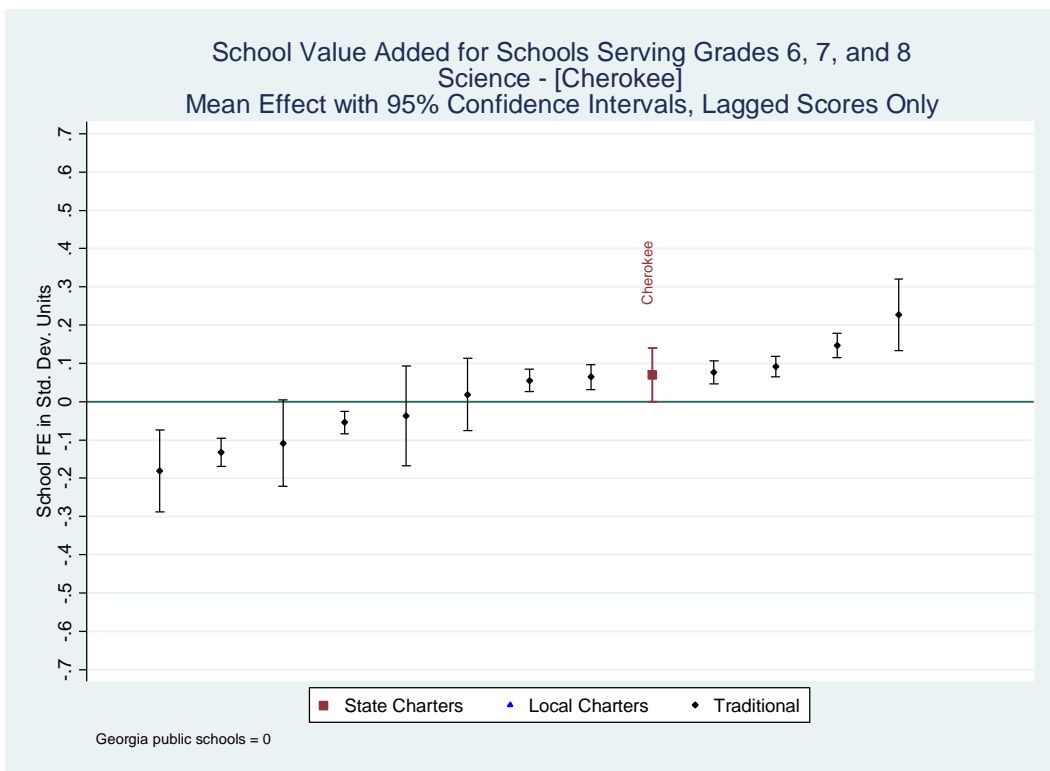
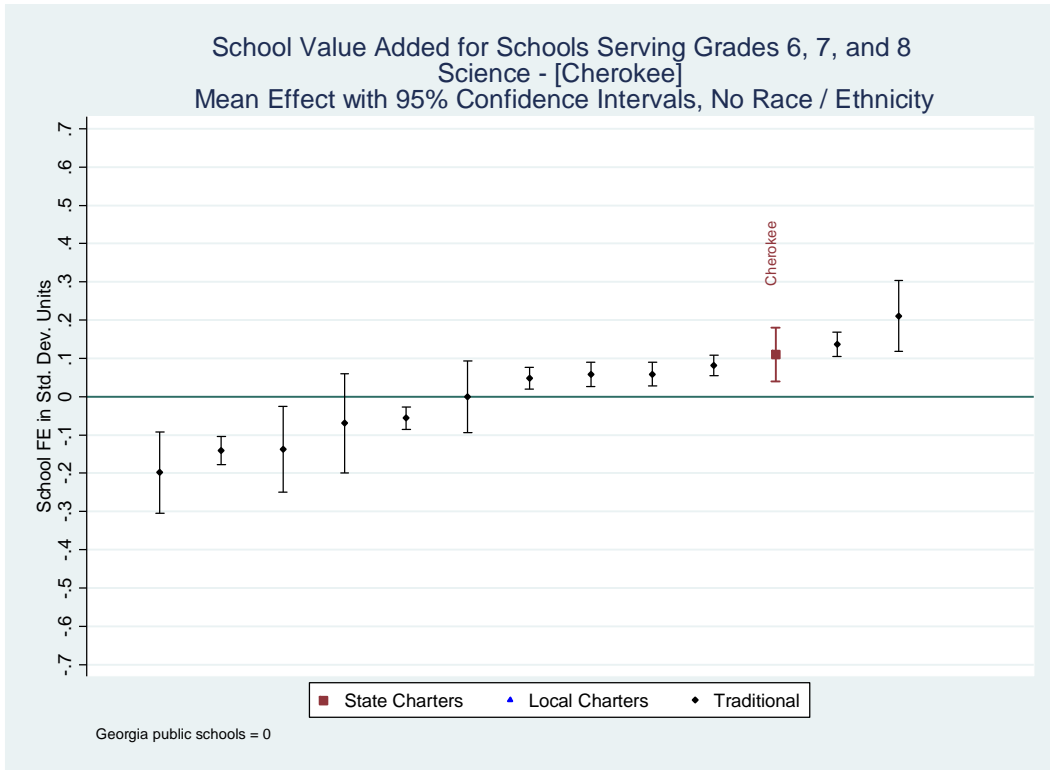
Estimated School Effects - APS - Middle School Science					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
APS-Forrest Hills Academy	-0.0610	-0.1126	-0.1304	24	16
Atlanta Charter Middle School	-0.0566	-0.0497	-0.0491	45	42
Atlanta Classical Academy	-0.4605	-0.4372	-0.4787	24	15
Atlanta Heights	0.0388	-0.0063	-0.0222	47	43
Brown Middle School	-0.0727	-0.1182	-0.1344	47	45
Bunche Middle School	0.0152	-0.0345	-0.0316	50	49
Centennial Place Elementary Scho	-0.1111	-0.1550	-0.1244	41	43
Charles Drew Charter School JA/S	0.0549	0.0091	-0.0079	50	48
Coretta Scott King Young Women's	-0.1620	-0.2074	-0.2468	38	34
Harper-Archer Middle School	-0.1987	-0.2430	-0.2474	38	32
Imagine Wesley International Aca	-0.0803	-0.1323	-0.1002	50	50
Inman Middle School	0.1999	0.1919	0.2206	59	62
Intown Charter Academy	-0.0741	-0.1324	-0.0818	41	38
KIPP VISION	0.1195	0.0500	0.0811	56	60
KIPP West Atlanta Young Scholars	0.0191	-0.0516	-0.0290	51	51
Kindezi	0.3250	0.2646	0.2629	66	72
King Middle School	-0.0542	-0.0976	-0.1033	47	47
Kipp Strive Academy	0.2627	0.1893	0.2106	63	67
Latin Academy Charter School	0.0486	-0.0162	-0.0159	53	55
Long Middle School	-0.0383	-0.0829	-0.0840	47	45
Price Middle School	-0.0158	-0.0610	-0.0610	47	46
Sutton Middle School	0.0058	0.0044	0.0280	49	48
Sylvan Hills Middle School	0.1574	0.1130	0.1065	55	58
The Best Academy at Benjamin S	-0.0584	-0.1020	-0.0575	45	38
Young Middle School	-0.0418	-0.0907	-0.0791	47	45

Bulloch



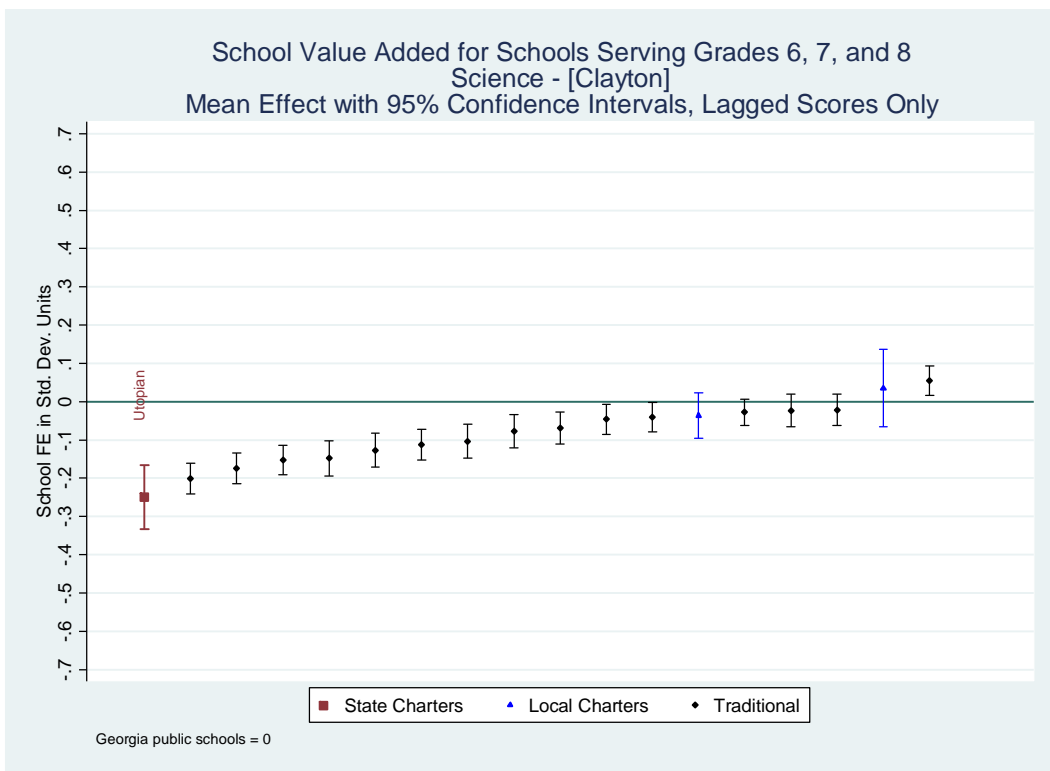
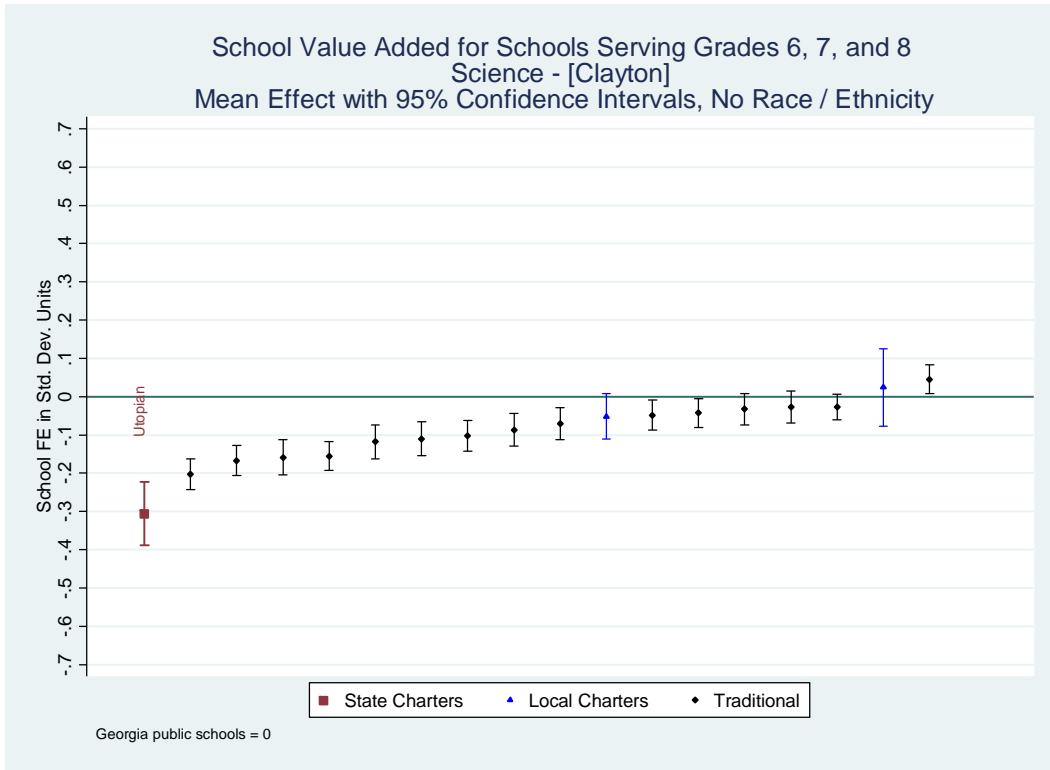
Estimated School Effects - Bulloch - Middle School Science					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
CCAT	0.0292	0.0460	0.0705	49	49
Langston Chapel Middle School	-0.1476	-0.1585	-0.1762	40	35
Portal Middle/High School	-0.0453	-0.0284	-0.0498	47	42
Southeast Bulloch Middle School	-0.0581	-0.0227	-0.0354	47	46
William James Middle School	-0.0597	-0.0592	-0.0412	48	47

Cherokee



Estimated School Effects - Cherokee - Middle School Science					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Ball Ground Elementary School	-0.1111	-0.0695	-0.0374	37	27
Booth Middle School	0.0575	0.0818	0.0919	54	56
Cherokee	0.0691	0.1099	0.0700	51	51
Creekland Middle School	0.0136	0.0478	0.0552	53	55
Freedom Middle School	0.1105	0.1368	0.1466	54	56
Hickory Flat Elementary School	-0.2231	-0.1982	-0.1805	43	44
Holly Springs Elementary School	0.1810	0.2107	0.2266	53	55
Indian Knoll Elementary	-0.0264	0.0003	0.0184	39	36
Mill Creek Middle School	0.0346	0.0590	0.0768	51	52
Mountain Road Elementary School	-0.1638	-0.1375	-0.1082	43	37
Rusk Middle School	-0.1740	-0.1408	-0.1324	45	42
Teasley Middle School	-0.0855	-0.0557	-0.0543	46	45
Woodstock Middle School	0.0385	0.0589	0.0641	53	53

Clayton



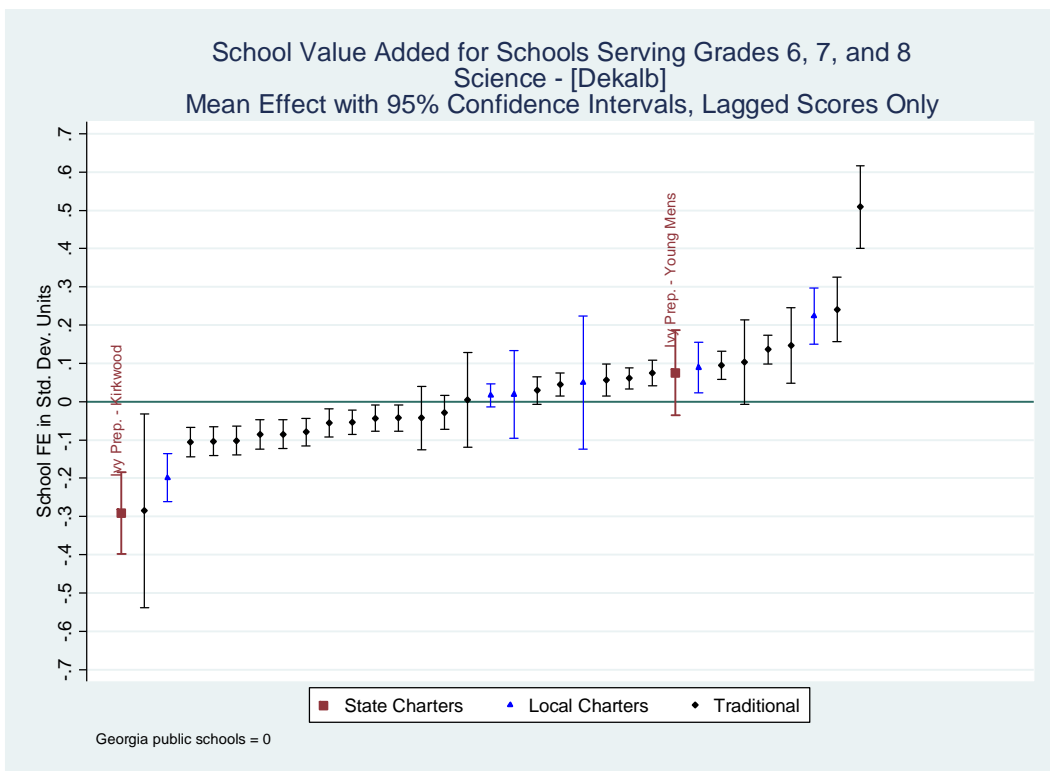
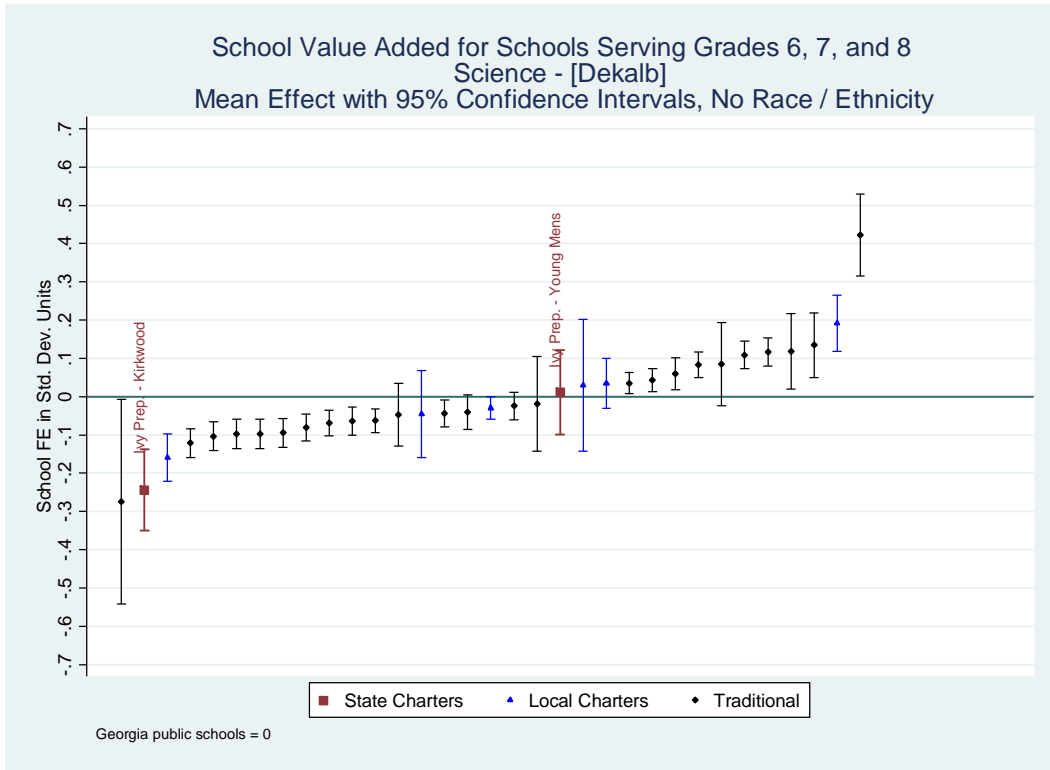
Estimated School Effects - Clayton - Middle School Science					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Adamson Middle School	-0.1179	-0.1582	-0.1479	42	40
Babb Middle School	0.0613	0.0454	0.0554	55	58
Eddie White Academy	-0.0453	-0.0867	-0.0767	47	47
Elite Scholars Academy School	0.0032	-0.0519	-0.0364	46	45
Forest Park Middle School	-0.0962	-0.1179	-0.1270	44	41
Jonesboro Middle School	-0.0152	-0.0427	-0.0400	45	41
Kendrick Middle School	0.0066	-0.0326	-0.0214	51	51
Lovejoy Middle School	-0.0728	-0.1097	-0.1035	42	39
M D Roberts Middle School	-0.1131	-0.1550	-0.1523	40	36
Morrow Middle School	-0.0483	-0.0712	-0.0690	46	45
Mundys Mill Middle School	-0.1684	-0.2029	-0.2004	39	35
North Clayton Middle School	-0.0624	-0.1023	-0.1118	42	39
Pointe South Middle School	-0.1293	-0.1668	-0.1736	40	37
Rex Mill Middle School	0.0087	-0.0270	-0.0275	47	44
Riverdale Middle School	0.0123	-0.0270	-0.0230	50	49
Sequoyah Middle School	-0.0167	-0.0480	-0.0456	46	46
Unidos Dual Language Charter Sch	0.0424	0.0242	0.0354	52	57
Utopian	-0.2408	-0.3054	-0.2496	34	29





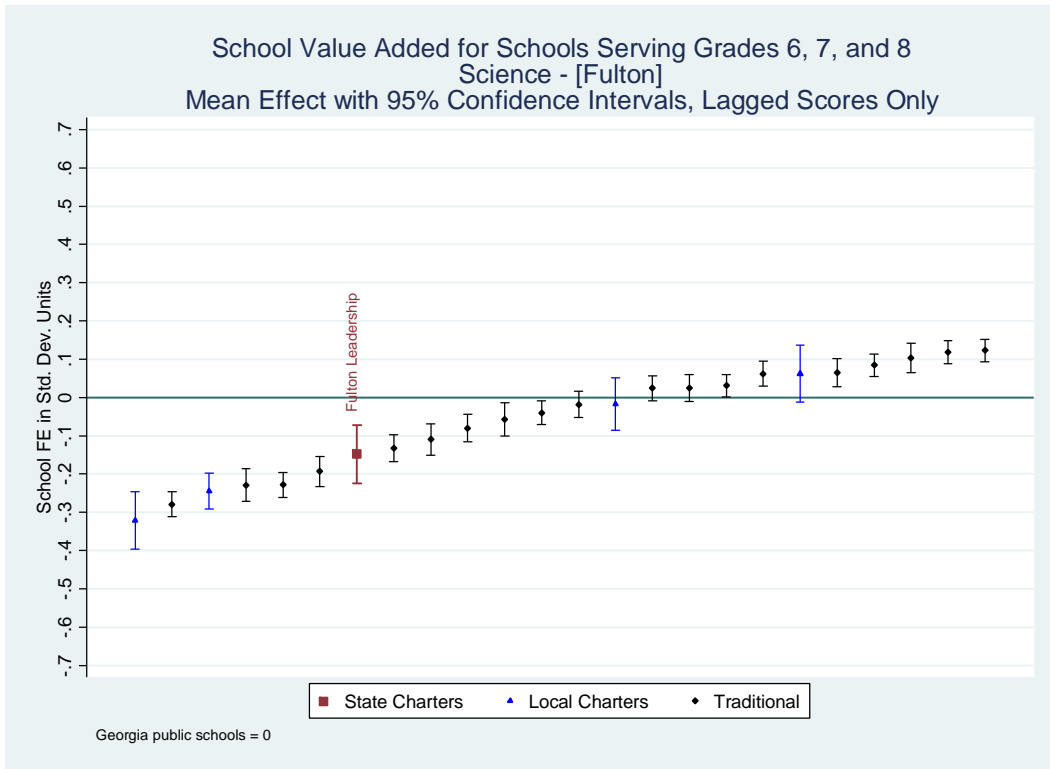
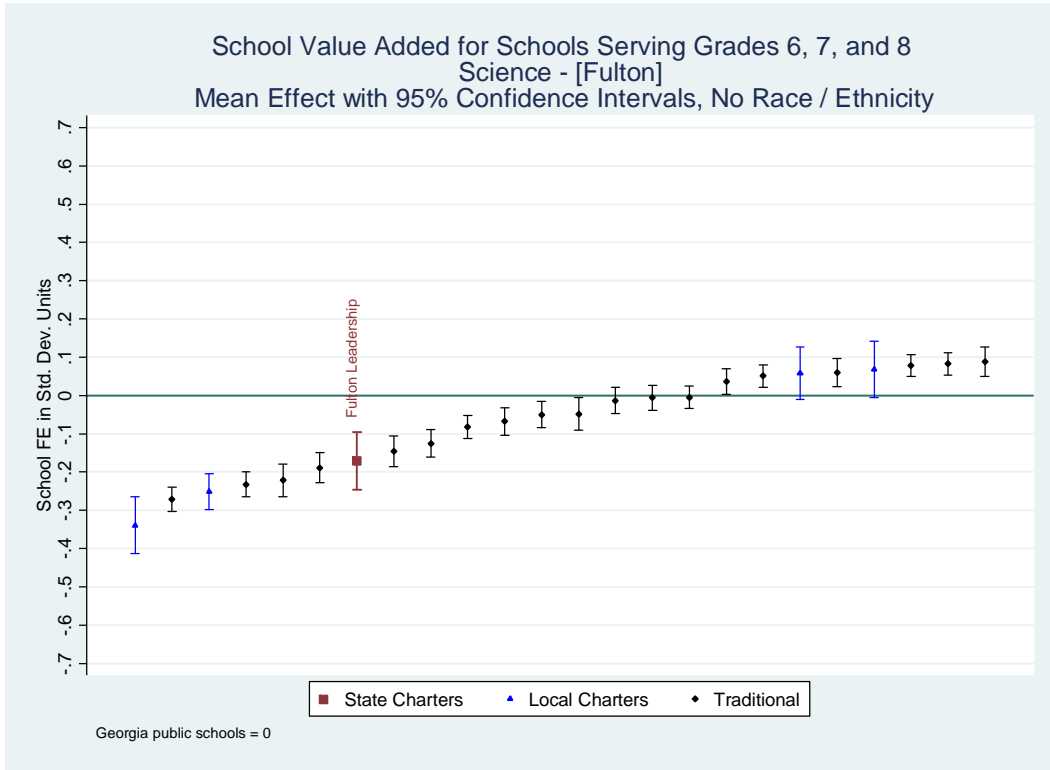
Estimated School Effects - Coweta - Middle School Science					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Arnall Middle School	0.0574	0.0691	0.0835	54	58
Coweta	-0.3250	-0.3005	-0.2704	29	17
East Coweta Middle School	0.1022	0.1288	0.1374	56	59
Evans Middle School	-0.0095	0.0111	0.0125	49	49
Lee Middle School	-0.0689	-0.0467	-0.0143	47	45
Madras Middle School	0.0084	0.0334	0.0422	50	51
Odyssey	-0.1295	-0.1135	-0.0789	40	34
Smokey Road Middle School	-0.0308	-0.0166	-0.0181	48	46

DeKalb



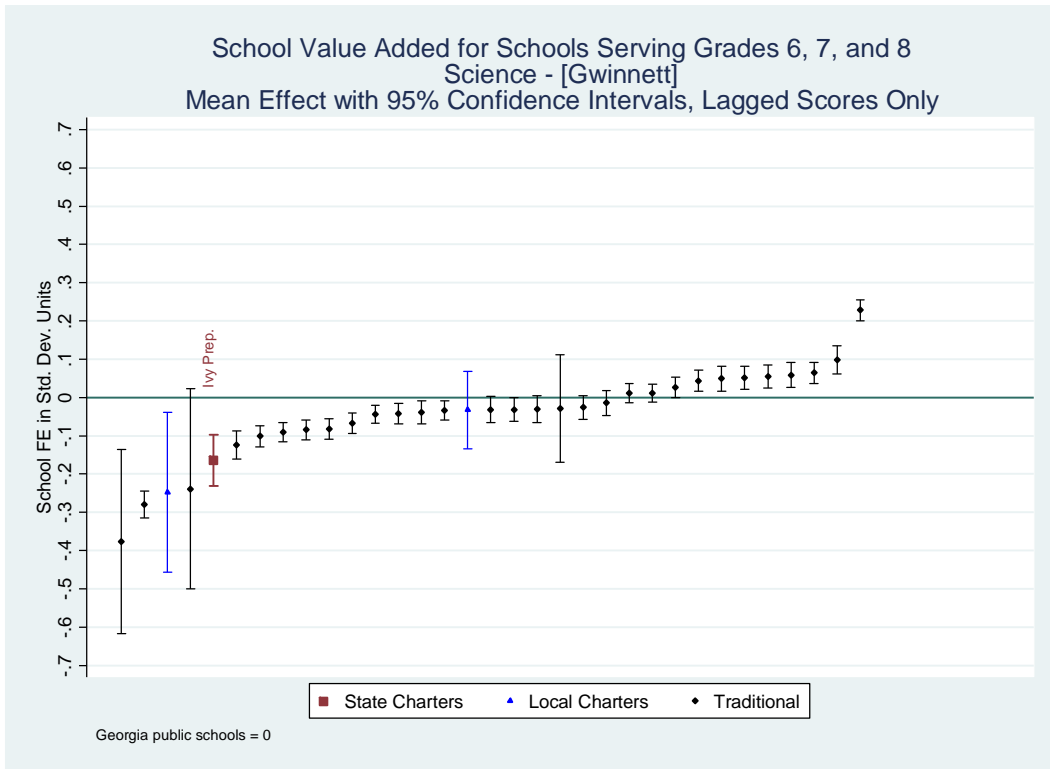
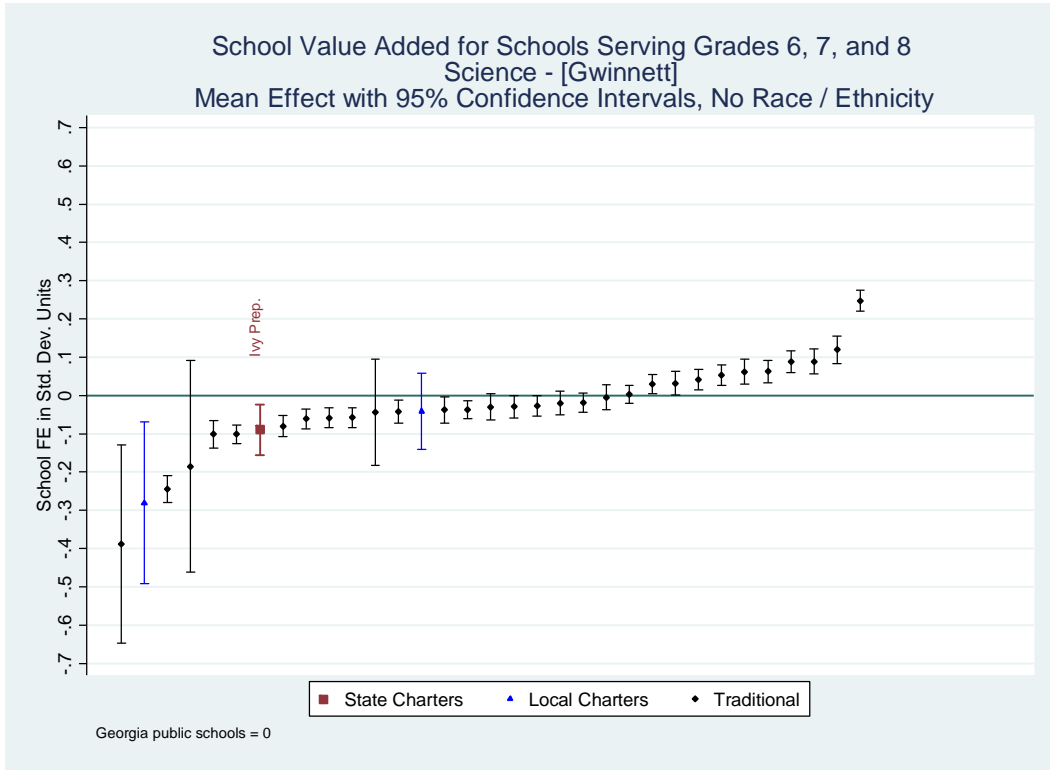
Estimated School Effects - DeKalb - Middle School Science					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Cedar Grove Middle School	-0.0686	-0.1031	-0.1058	44	42
Chamblee Middle School	-0.0311	-0.0243	0.0295	47	47
Chapel Hill Middle School	-0.0535	-0.0946	-0.0850	47	45
Columbia Middle School	-0.0217	-0.0632	-0.0557	51	52
DeKalb Academy of Technology and	0.0891	0.0344	0.0889	52	51
DeKalb Alternative School	-0.2845	-0.2740	-0.2851	24	13
DeKalb Elementary School of the	0.0012	-0.0474	-0.0428	51	52
DeKalb PATH Academy Charter Scho	-0.1557	-0.1589	-0.1990	47	47
DeKalb Preparatory Academy Chart	0.0713	0.0293	0.0497	47	47
DeKalb School of the Arts	0.0170	-0.0189	0.0049	53	58
Druid Hills Middle School	0.1162	0.1163	0.1363	58	61
Freedom Middle School	-0.0572	-0.0686	-0.0428	48	44
Henderson Middle School	0.0312	0.0353	0.0611	51	50
International Student Center	0.1012	0.1186	0.1466	34	30
Ivy Prep - Kirkwood	-0.1927	-0.2437	-0.2913	40	36
Ivy Prep - Young Men's	0.0605	0.0108	0.0753	54	55
Kittredge Magnet School	0.1336	0.1346	0.2409	52	55
Leadership Preparatory Academy	0.2412	0.1918	0.2236	69	78
Lithonia Middle School	0.1171	0.0837	0.0744	58	62
Mary McLeod Bethune Middle Schoo	-0.0594	-0.0966	-0.0847	48	47
McNair Middle School	-0.0051	-0.0405	-0.0283	46	45
Miller Grove Middle School	0.1454	0.1090	0.0949	60	65
Museum School Avondale Estates	0.0834	0.0846	0.1032	54	55
Peachtree Middle School	-0.0429	-0.0295	0.0164	50	49
Redan Middle School	0.0942	0.0598	0.0570	56	59
Salem Middle School	-0.0079	-0.0434	-0.0430	49	49
Sequoyah Middle School	0.0357	0.0433	0.0446	54	56
Stephenson Middle School	-0.0404	-0.0799	-0.0796	50	49
Stone Mountain Middle School	-0.0712	-0.0970	-0.1015	44	42
Tapestry Public Charter School	-0.0492	-0.0454	0.0189	44	41
The Champion Middle Theme School	-0.0711	-0.1209	-0.1031	50	48
Tucker Middle School	-0.0481	-0.0628	-0.0534	49	48
Wadsworth Magnet School for High	0.4851	0.4227	0.5087	68	74

Fulton



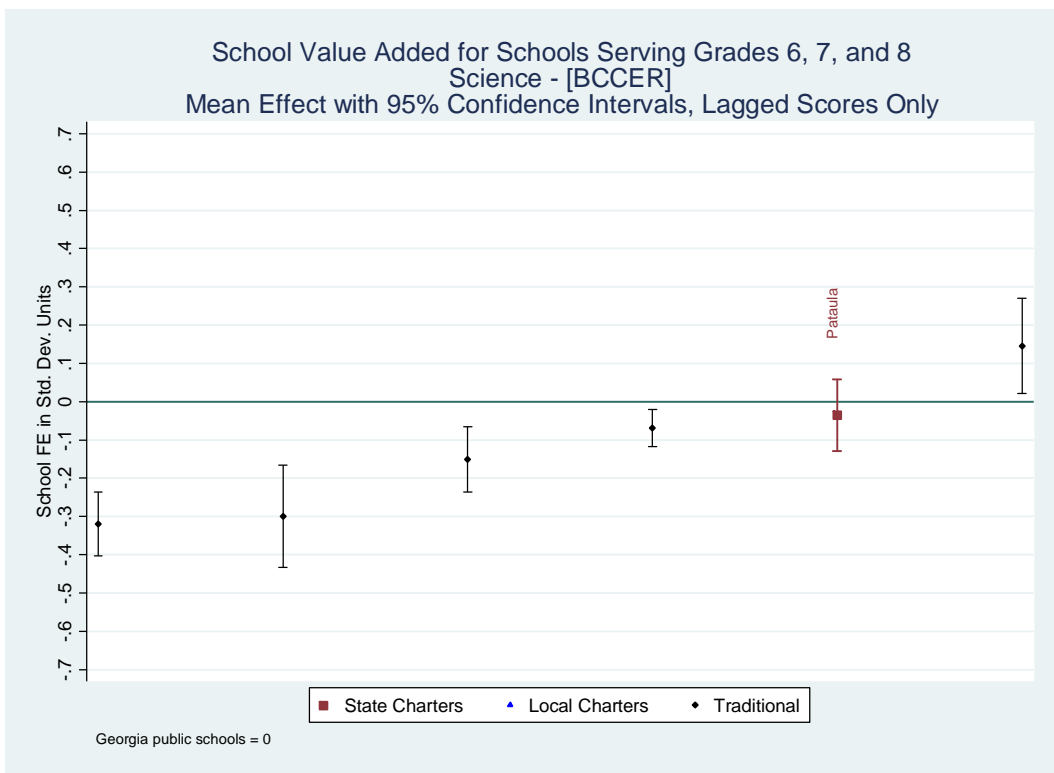
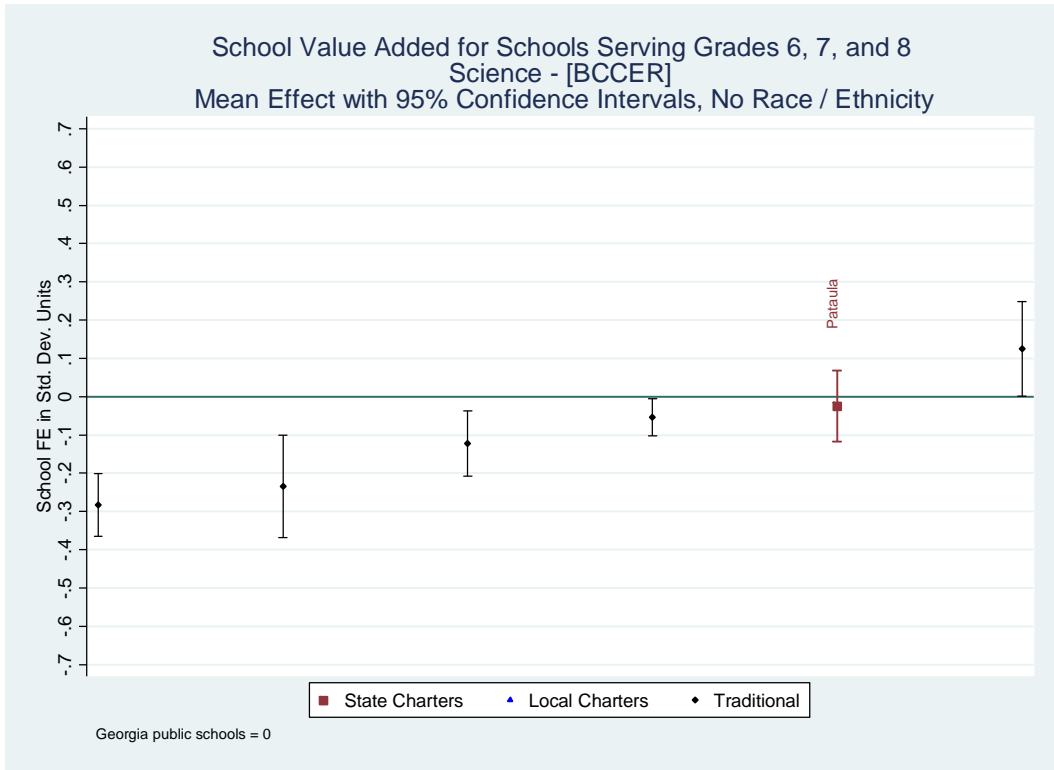
Estimated School Effects - Fulton - Middle School Science					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Amana Academy School	0.0727	0.0680	0.0624	53	51
Autrey Mill Middle School	0.0587	0.0783	0.1230	55	56
Bear Creek Middle School	-0.0313	-0.0676	-0.0803	46	43
Camp Creek Middle School	-0.0053	-0.0479	-0.0576	45	42
Crabapple Middle School	-0.0303	-0.0130	0.0248	51	51
Elkins Pointe Middle School	-0.0154	-0.0059	0.0242	50	50
Fulton Leadership	-0.1251	-0.1705	-0.1477	43	40
Hapeville Charter Middle School	-0.2123	-0.2509	-0.2443	38	34
Haynes Bridge Middle School	-0.1544	-0.1461	-0.1095	44	39
Holcomb Bridge Middle School	0.0925	0.0878	0.1035	57	61
Hopewell Middle School	0.0711	0.0827	0.1180	56	60
KIPP South Fulton Academy School	0.1102	0.0584	-0.0171	53	55
Main Street Charter Academy Elem	-0.2935	-0.3390	-0.3211	32	27
McNair Middle School	-0.1473	-0.1885	-0.1926	36	31
Northwestern Middle School	-0.1029	-0.0825	-0.0399	47	47
Paul D West Middle School	-0.1987	-0.2217	-0.2285	38	32
Renaissance Middle School	-0.2320	-0.2714	-0.2787	36	30
Ridgeview Charter School	0.0353	0.0365	0.0624	52	51
River Trail Middle School	-0.0205	-0.0050	0.0310	51	51
Sandtown Middle School	-0.1820	-0.2317	-0.2282	38	34
Sandy Springs Middle School	0.0736	0.0593	0.0650	54	59
Taylor Road Middle School	-0.0630	-0.0497	-0.0181	48	47
Webb Bridge Middle School	0.0372	0.0513	0.0845	55	57
Woodland Middle School	-0.0877	-0.1252	-0.1325	43	41

Gwinnett



Estimated School Effects - Gwinnett - Middle School Science					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Alton C Crews Middle School	-0.0430	-0.0413	-0.0314	47	45
Bay Creek Middle School	0.0752	0.0619	0.0491	54	58
Berkmar Middle School	-0.0926	-0.1009	-0.1240	43	41
Couch Middle School	-0.0259	-0.0300	-0.0304	51	52
Creekland Middle School	-0.0379	-0.0373	-0.0435	48	48
Dacula Middle School	-0.0184	-0.0273	-0.0419	45	43
Duluth Middle School	-0.0172	-0.0191	-0.0338	47	44
Five Forks Middle School	-0.0053	-0.0047	-0.0143	49	49
Frank N Osborne Middle School	0.0384	0.0536	0.0438	52	52
Glenn C Jones Middle School	-0.0358	-0.0292	-0.0392	50	50
Grace Snell Middle School	0.1178	0.0886	0.0590	54	55
GIVE Center East	-0.1899	-0.1849	-0.2386	33	24
GIVE Center West	-0.3627	-0.3881	-0.3763	28	16
Gwinnett Online Campus	-0.0591	-0.0412	-0.0326	45	45
Hull Middle School	0.0267	0.0322	0.0547	50	48
Ivy Prep	-0.0530	-0.0894	-0.1640	44	43
Lanier Middle School	0.0519	0.0628	0.0510	52	53
Lilburn Middle School	0.0466	0.0416	0.0261	53	56
Louise Radloff Middle School	-0.0494	-0.0583	-0.0844	46	43
McConnell Middle School	-0.0581	-0.0578	-0.0664	47	45
Moore Middle School	-0.2334	-0.2441	-0.2789	37	30
New Life Academy of Excellence D	-0.0074	-0.0437	-0.0285	46	43
North Gwinnett Middle School	-0.0144	0.0023	0.0120	49	49
North Metro Academy of Performin	-0.2215	-0.2808	-0.2475	39	41
Northbrook Middle School	-0.0367	-0.0377	-0.0316	46	43
Pinckneyville Middle School	-0.0108	-0.0199	-0.0259	51	50
Richards Middle School	-0.0659	-0.0800	-0.1013	45	42
Shiloh Middle School	-0.0285	-0.0609	-0.0823	48	48
Snellville Middle School	0.1536	0.1195	0.0987	55	58
Summerour Middle School	0.0949	0.0884	0.0643	54	57
Sweetwater Middle School	0.0379	0.0294	0.0120	53	54
Trickum Middle School	-0.1057	-0.1009	-0.0907	44	41
Twin Rivers Middle School	0.2448	0.2478	0.2279	60	65

Baker Calhoun, Clay, Early and Randolph (BCCER)

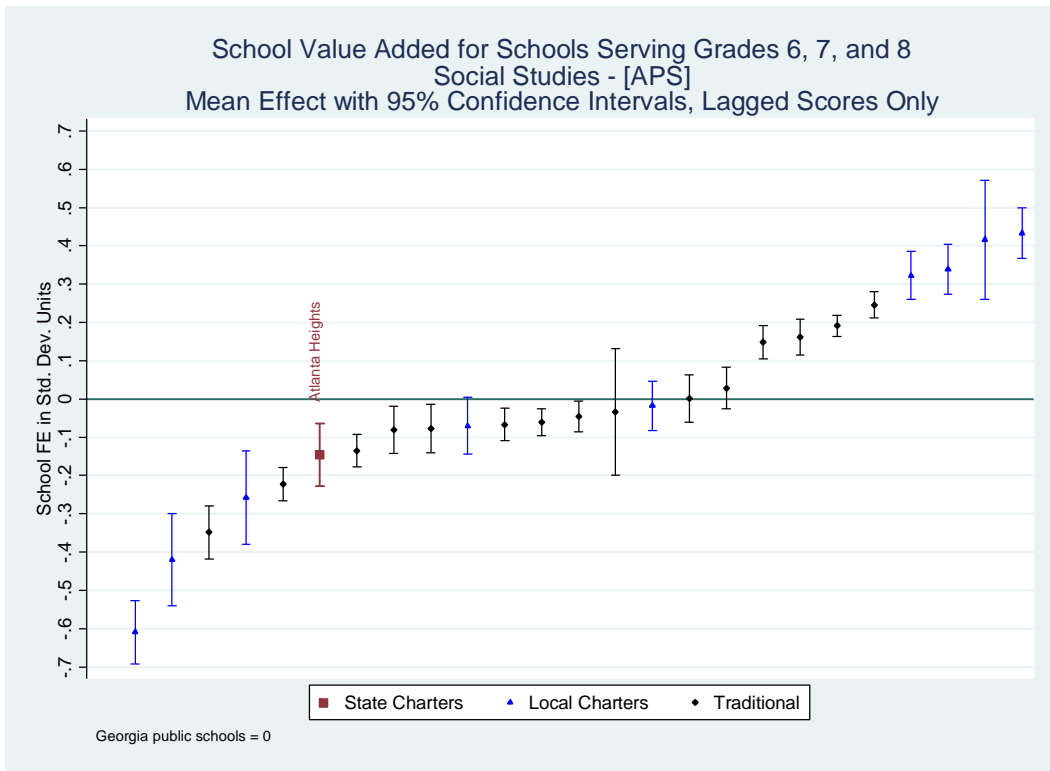
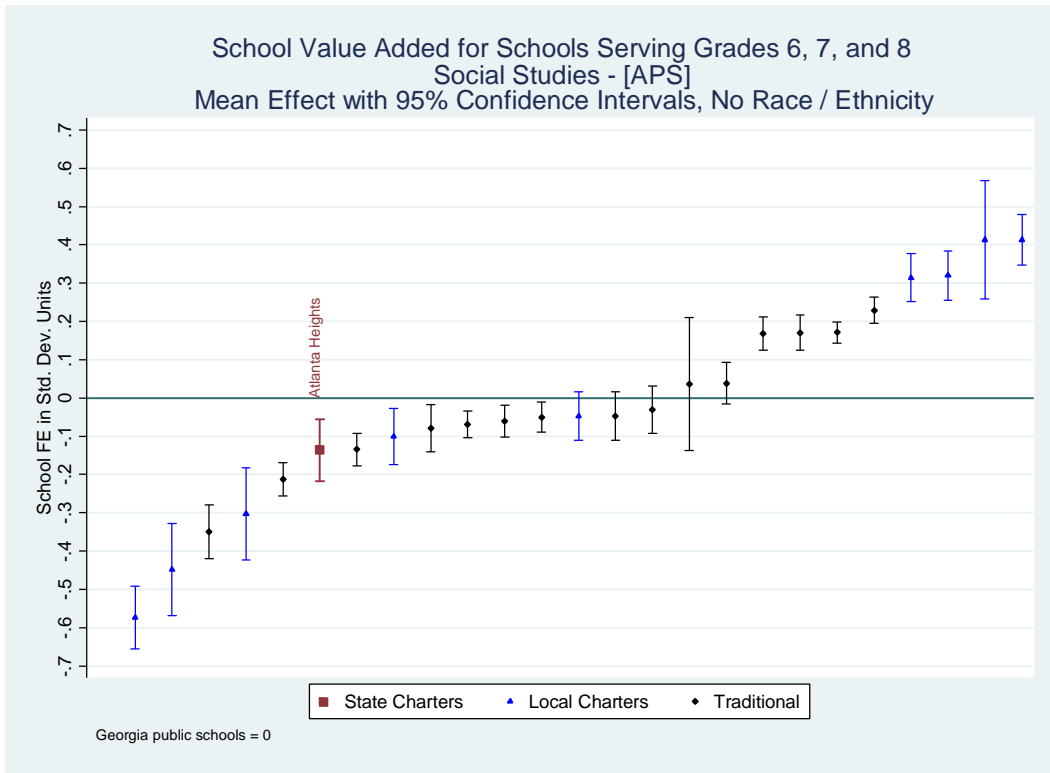




Estimated School Effects - BCCER - Middle School Science					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Baker County K12 School	0.1781	0.1251	0.1458	56	58
Calhoun County Middle School	-0.0876	-0.1223	-0.1506	43	40
Clay County Middle School	-0.1981	-0.2350	-0.2991	39	40
Early County Middle School	-0.0374	-0.0532	-0.0687	52	52
Pataula	-0.0615	-0.0251	-0.0360	53	55
Randolph Clay Middle School	-0.2518	-0.2825	-0.3193	35	32

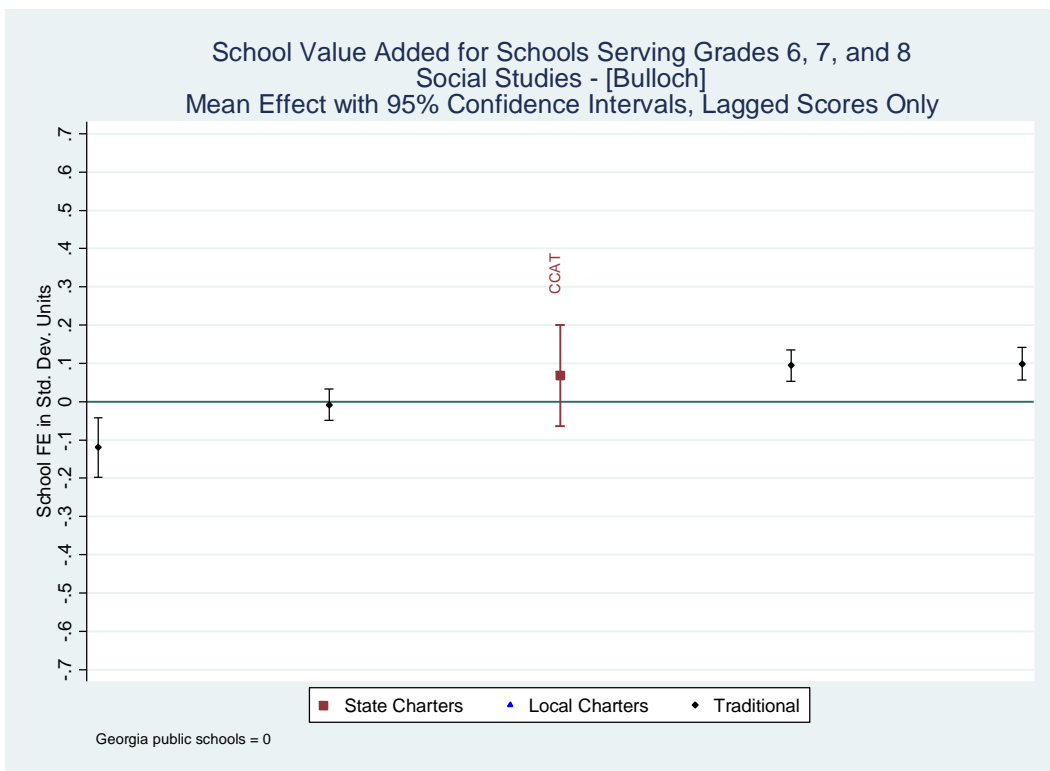
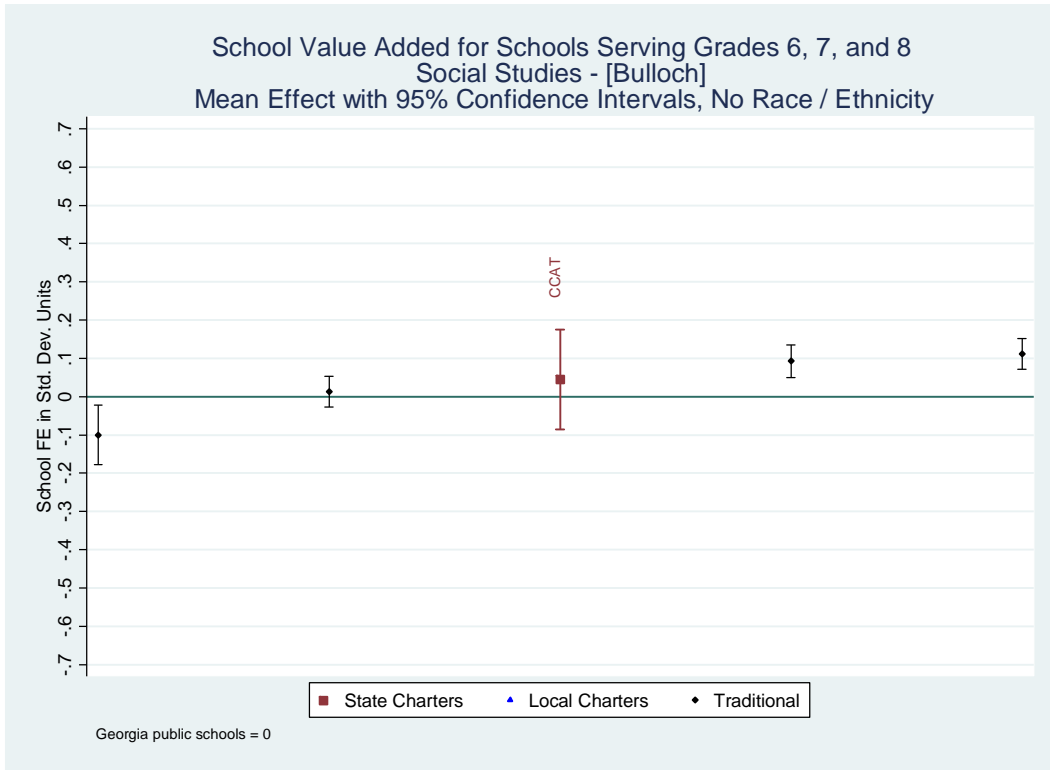
### Schools Serving Grades 6, 7 and 8 – Social Studies

#### APS District



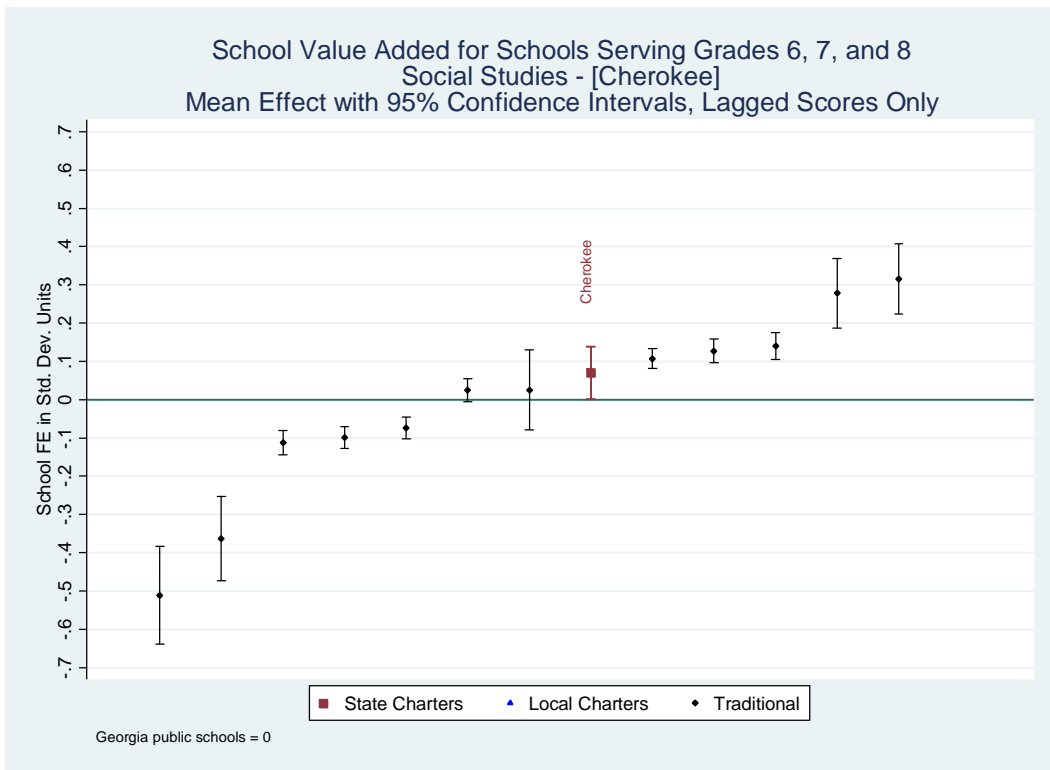
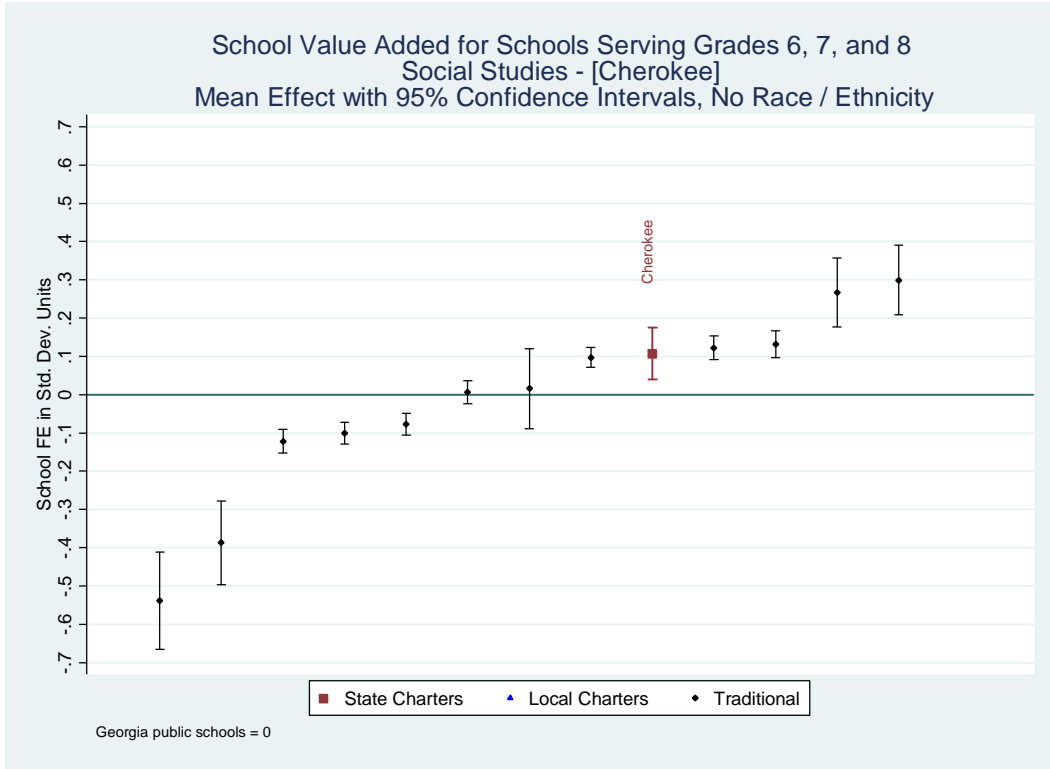
Estimated School Effects - APS - Middle School Social Studies					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
APS-Forrest Hills Academy	0.0417	0.0365	-0.0337	40	34
Atlanta Charter Middle School	-0.3506	-0.3497	-0.3485	40	32
Atlanta Classical Academy	-0.5758	-0.5739	-0.6088	16	9
Atlanta Heights	-0.1324	-0.1360	-0.1455	50	53
Brown Middle School	0.1721	0.1687	0.1487	53	51
Bunche Middle School	-0.0455	-0.0498	-0.0457	45	41
Centennial Place Elementary Scho	-0.4448	-0.4482	-0.4198	30	25
Charles Drew Charter School JA/S	0.0427	0.0387	0.0287	39	31
Coretta Scott King Young Women's	-0.0433	-0.0468	-0.0765	51	53
Harper-Archer Middle School	-0.2096	-0.2129	-0.2231	38	32
Imagine Wesley International Aca	-0.0951	-0.1005	-0.0702	45	41
Inman Middle School	0.2300	0.2291	0.2457	58	60
Intown Charter Academy	-0.2973	-0.3029	-0.2571	35	30
KIPP VISION	-0.0403	-0.0472	-0.0174	50	52
KIPP West Atlanta Young Scholars	0.4201	0.4133	0.4330	65	71
Kindezi	0.4191	0.4131	0.4165	69	77
King Middle School	-0.0564	-0.0603	-0.0664	47	46
Kipp Strive Academy	0.3276	0.3202	0.3390	60	65
Latin Academy Charter School	0.3205	0.3143	0.3226	75	86
Long Middle School	-0.1307	-0.1344	-0.1352	46	45
Price Middle School	-0.0753	-0.0788	-0.0800	45	43
Sutton Middle School	0.1732	0.1711	0.1911	56	59
Sylvan Hills Middle School	0.1740	0.1708	0.1614	61	66
The Best Academy at Benjamin S	-0.0273	-0.0304	0.0010	51	53
Young Middle School	-0.0652	-0.0692	-0.0604	46	44

Bulloch



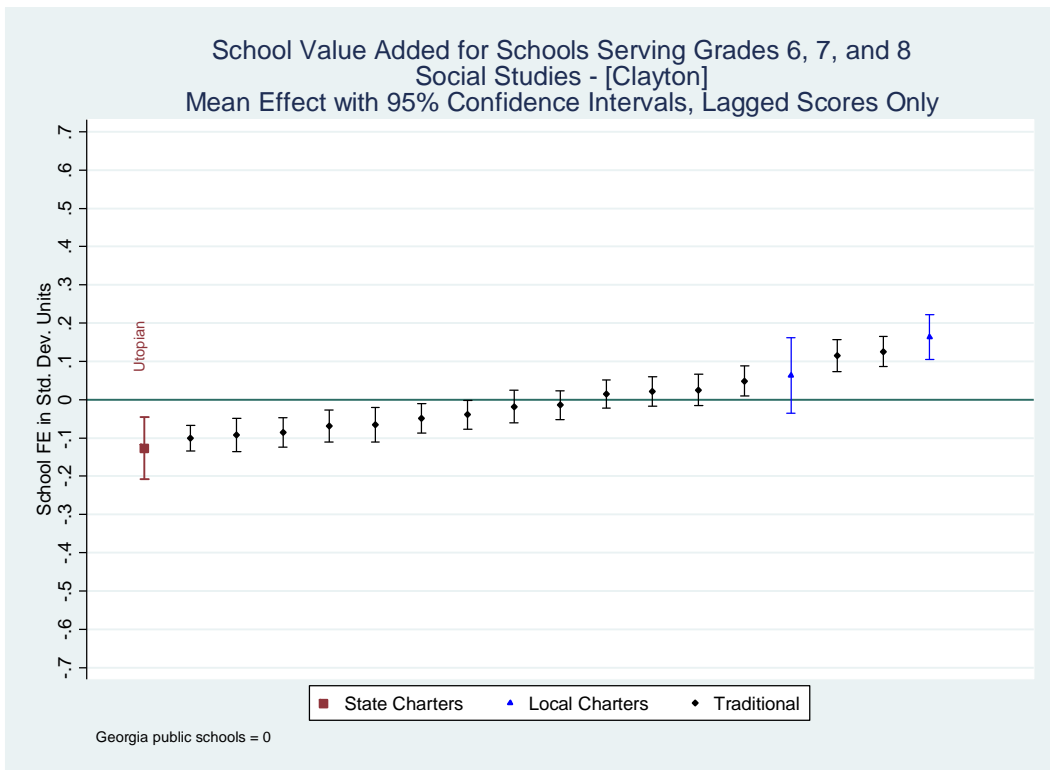
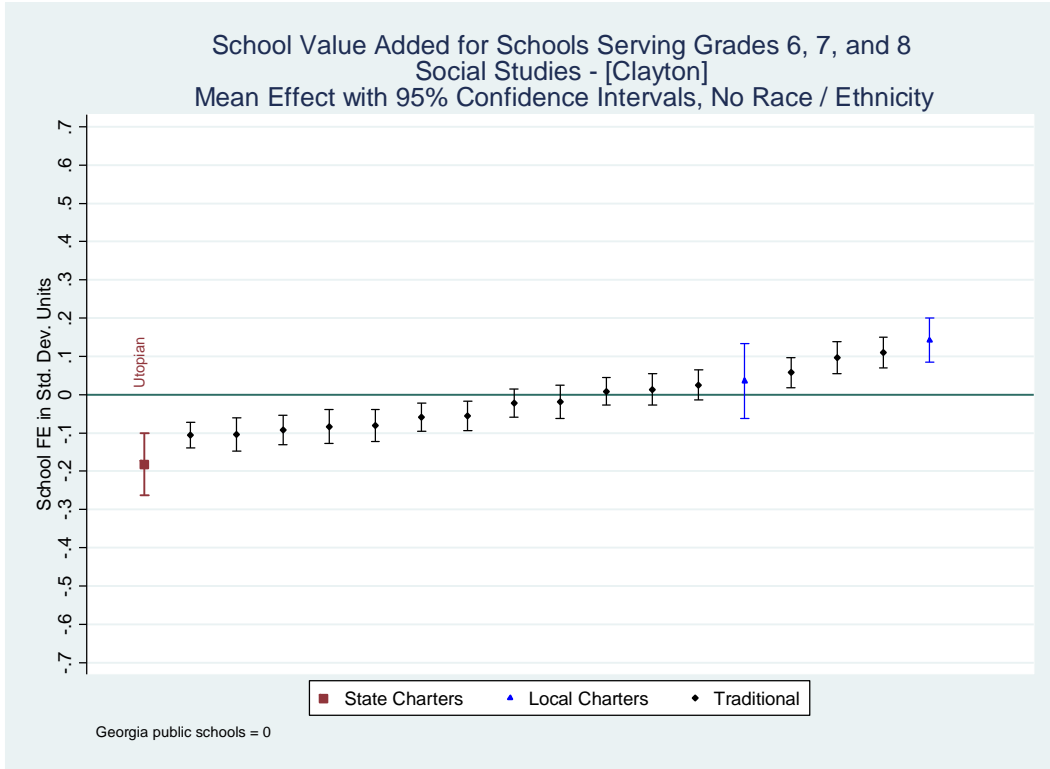
Estimated School Effects - Bulloch - Middle School Social Studies					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
CCAT	0.0428	0.0449	0.0678	56	56
Langston Chapel Middle School	0.0138	0.0132	-0.0081	48	48
Portal Middle/High School	-0.1026	-0.0997	-0.1196	50	49
Southeast Bulloch Middle School	0.1078	0.1118	0.0943	57	63
William James Middle School	0.0925	0.0929	0.0988	53	50

Cherokee



Estimated School Effects - Cherokee - Middle School Social Studies					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Ball Ground Elementary School	-0.5434	-0.5387	-0.5109	18	8
Booth Middle School	0.0957	0.0972	0.1073	59	62
Cherokee	0.1013	0.1072	0.0695	49	51
Creekland Middle School	-0.0809	-0.0775	-0.0738	50	49
Freedom Middle School	-0.1235	-0.1215	-0.1129	51	52
Hickory Flat Elementary School	0.0137	0.0158	0.0251	59	60
Holly Springs Elementary School	0.2647	0.2672	0.2781	69	75
Indian Knoll Elementary	0.2985	0.2995	0.3158	64	67
Mill Creek Middle School	0.0051	0.0064	0.0250	49	48
Mountain Road Elementary School	-0.3891	-0.3868	-0.3628	27	22
Rusk Middle School	0.1288	0.1321	0.1402	58	62
Teasley Middle School	-0.1031	-0.1012	-0.0993	48	47
Woodstock Middle School	0.1211	0.1223	0.1272	58	60

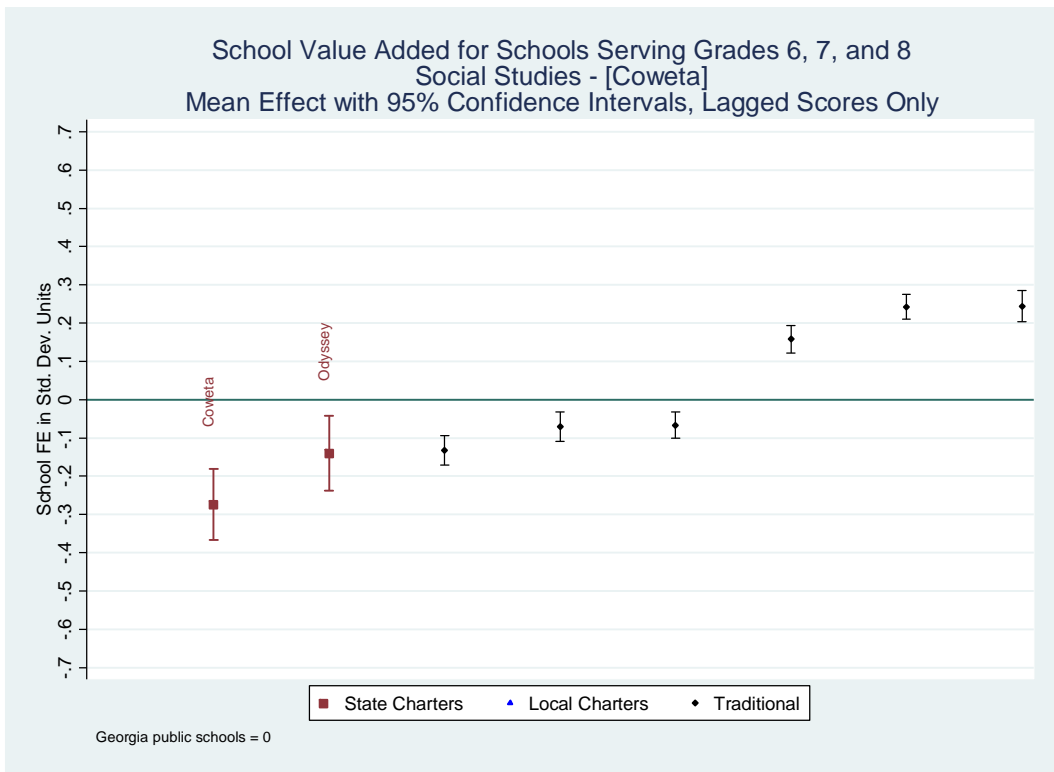
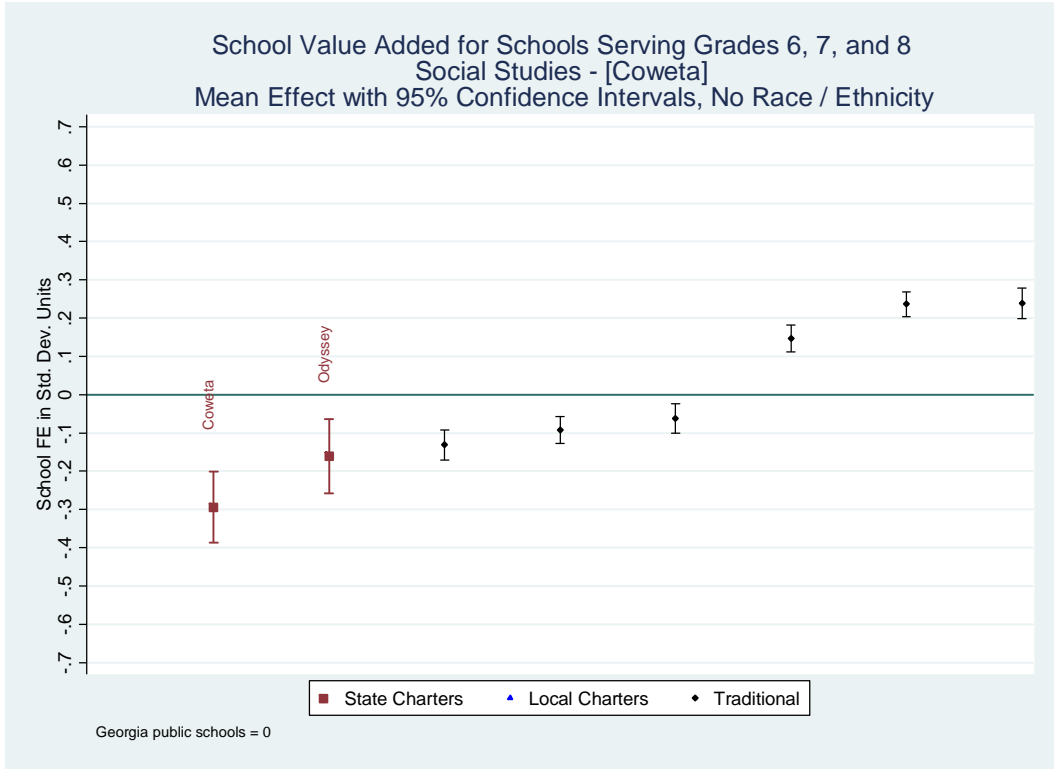
Clayton





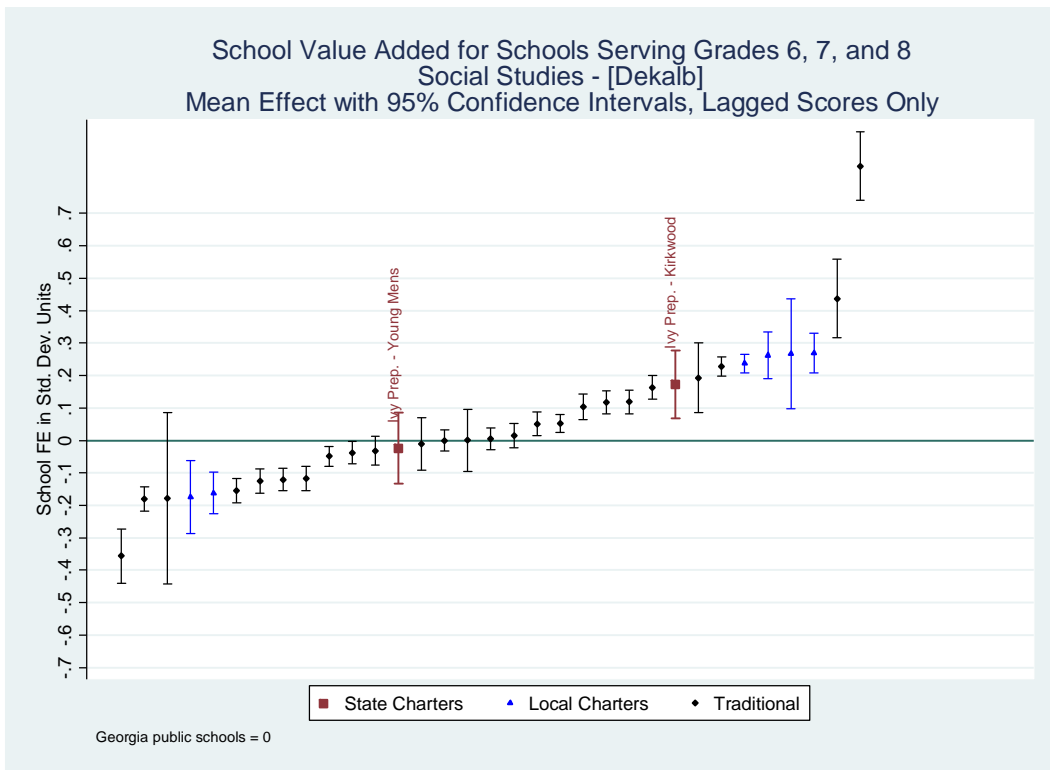
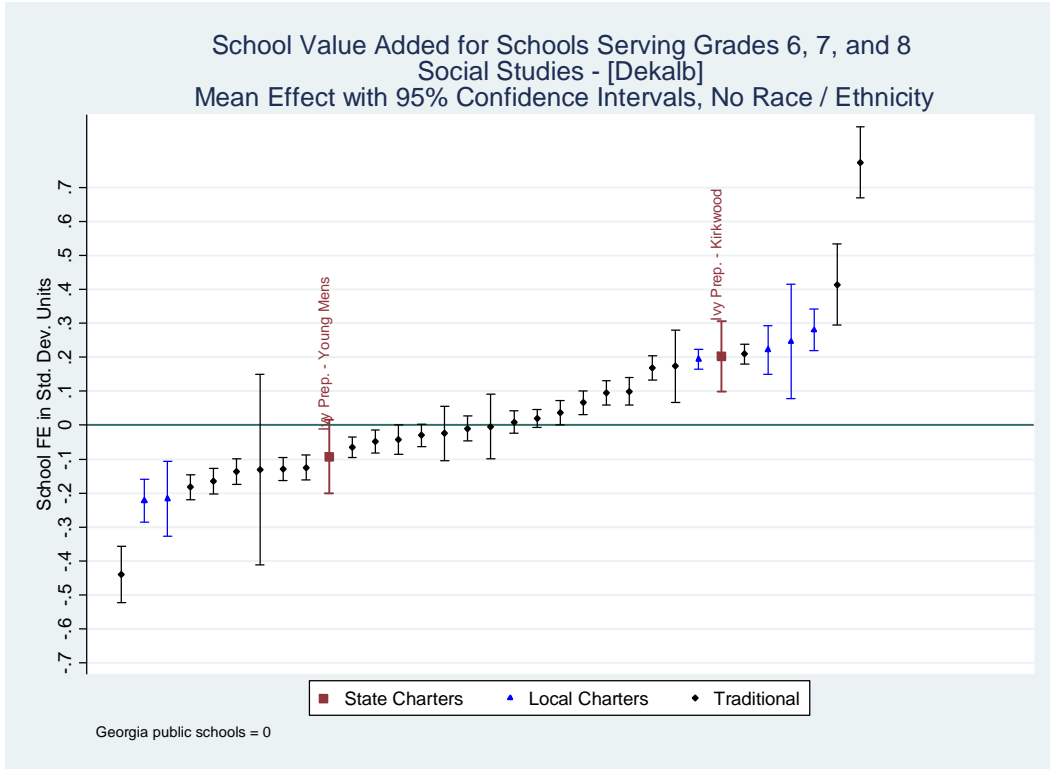
Estimated School Effects - Clayton - Middle School Social Studies					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Adamson Middle School	-0.0792	-0.0832	-0.0659	52	53
Babb Middle School	-0.0557	-0.0587	-0.0390	49	46
Eddie White Academy	0.1014	0.0969	0.1147	55	56
Elite Scholars Academy School	0.1478	0.1422	0.1629	60	65
Forest Park Middle School	-0.0144	-0.0189	-0.0179	53	53
Jonesboro Middle School	-0.0183	-0.0222	-0.0140	49	52
Kendrick Middle School	0.1144	0.1100	0.1257	57	59
Lovejoy Middle School	-0.0985	-0.1031	-0.0916	46	44
M D Roberts Middle School	0.0123	0.0087	0.0145	53	54
Morrow Middle School	0.0139	0.0133	0.0252	57	60
Mundys Mill Middle School	-0.0886	-0.0920	-0.0858	47	45
North Clayton Middle School	0.0605	0.0577	0.0488	58	62
Pointe South Middle School	0.0295	0.0254	0.0214	51	50
Rex Mill Middle School	-0.1018	-0.1061	-0.1009	48	45
Riverdale Middle School	-0.0770	-0.0800	-0.0692	50	49
Sequoyah Middle School	-0.0516	-0.0558	-0.0494	50	50
Unidos Dual Language Charter Sch	0.0417	0.0354	0.0635	56	61
Utopian	-0.1752	-0.1815	-0.1270	47	45

Coweta



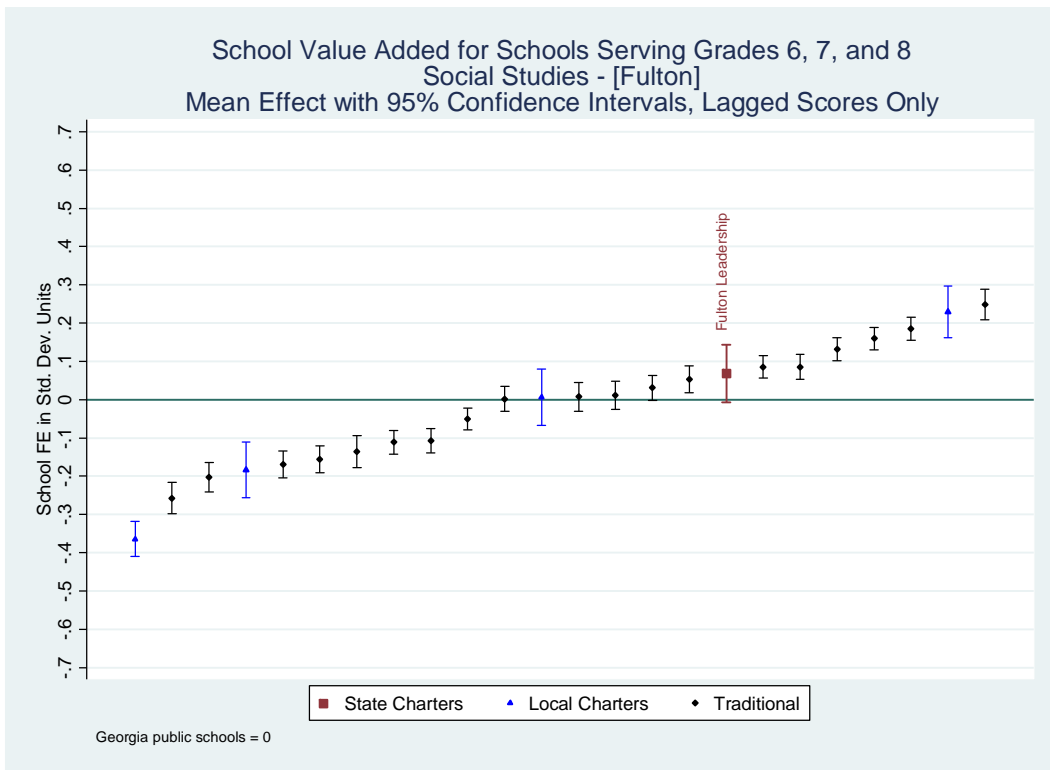
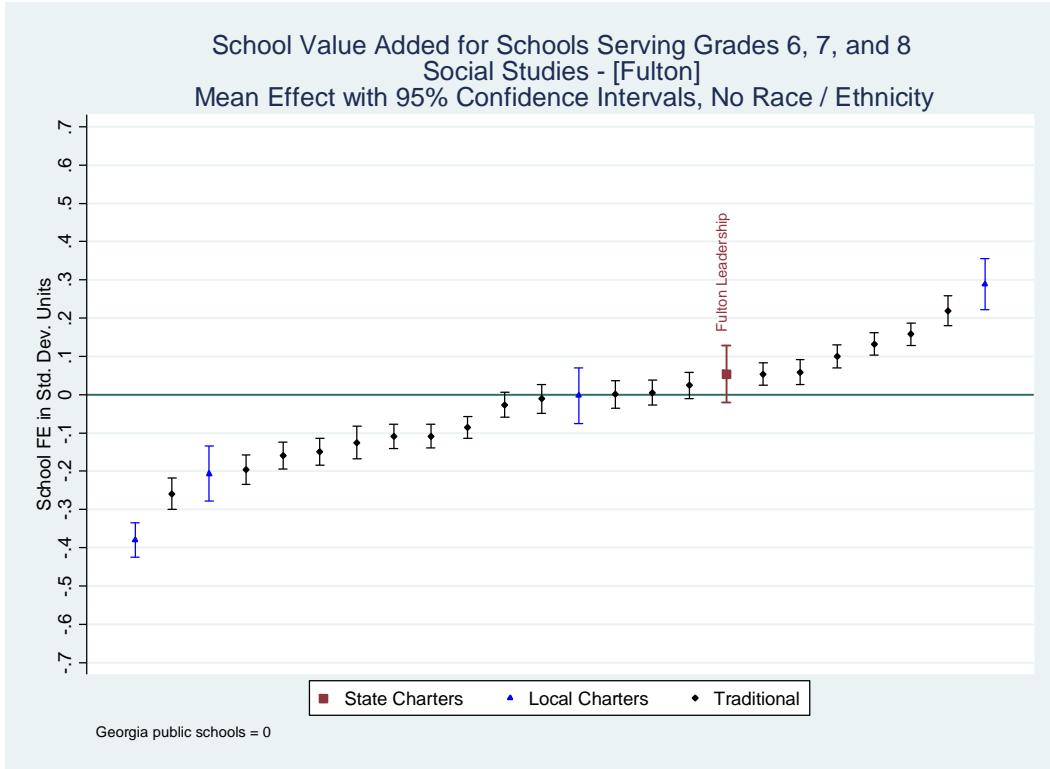
Estimated School Effects - Coweta - Middle School Social Studies					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Arnall Middle School	0.1454	0.1462	0.1580	57	61
Coweta	-0.2972	-0.2940	-0.2736	36	32
East Coweta Middle School	0.2351	0.2381	0.2444	61	66
Evans Middle School	-0.1335	-0.1314	-0.1319	45	42
Lee Middle School	-0.0941	-0.0924	-0.0666	48	50
Madras Middle School	0.2340	0.2363	0.2426	56	59
Odyssey	-0.1622	-0.1604	-0.1400	39	29
Smokey Road Middle School	-0.0637	-0.0618	-0.0709	46	46

DeKalb



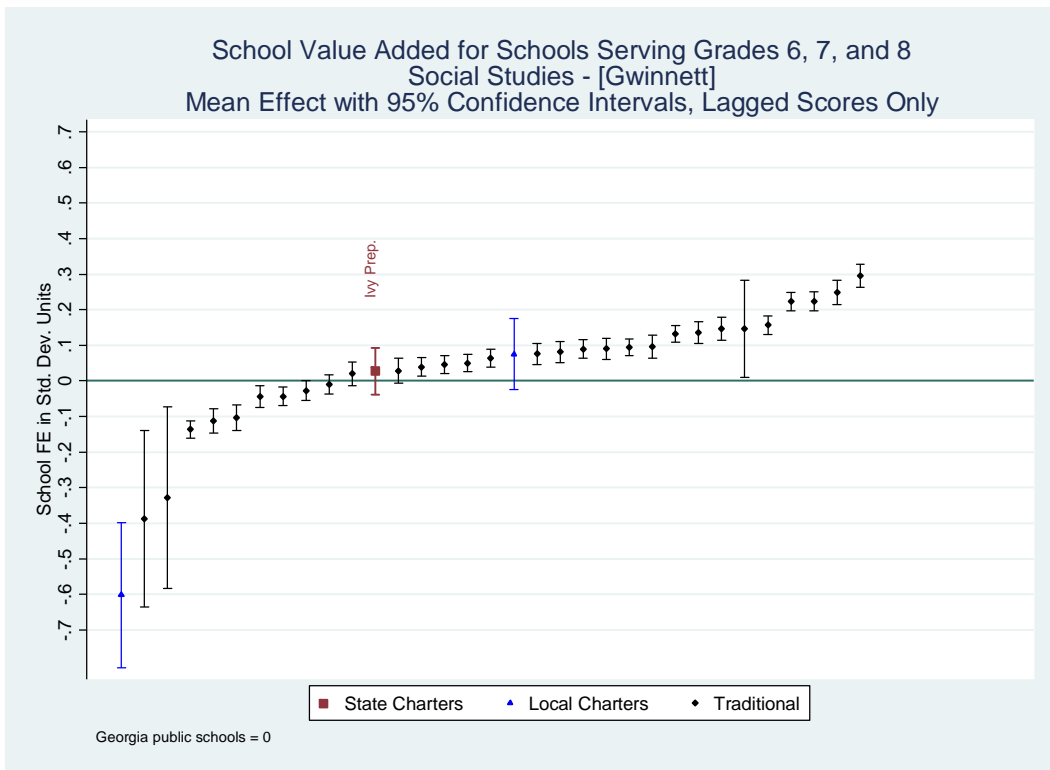
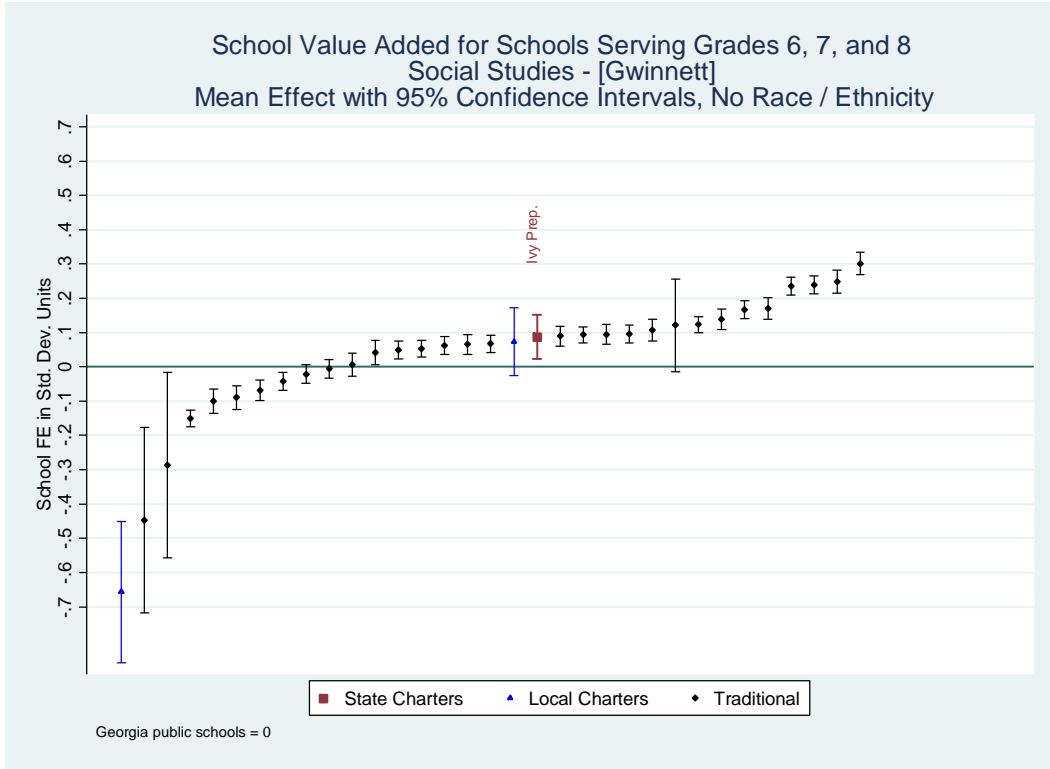
Estimated School Effects - DeKalb - Middle School Social Studies					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Cedar Grove Middle School	-0.1226	-0.1246	-0.1174	43	42
Chamblee Middle School	0.0660	0.0663	0.1169	51	51
Chapel Hill Middle School	-0.1625	-0.1654	-0.1550	41	39
Columbia Middle School	0.0404	0.0373	0.0507	56	58
DeKalb Academy of Technology and	-0.2179	-0.2228	-0.1624	39	32
DeKalb Alternative School	-0.1339	-0.1306	-0.1783	27	13
DeKalb Elementary School of the	-0.0199	-0.0239	-0.0105	55	58
DeKalb PATH Academy Charter Scho	0.2846	0.2804	0.2696	62	68
DeKalb Preparatory Academy Chart	0.2500	0.2463	0.2671	67	76
DeKalb School of the Arts	0.4177	0.4144	0.4372	80	83
Druid Hills Middle School	0.0943	0.0955	0.1190	57	61
Freedom Middle School	-0.0346	-0.0297	0.0001	50	51
Henderson Middle School	0.0209	0.0197	0.0521	54	56
International Student Center	-0.0123	-0.0039	0.0001	34	26
Ivy Prep - Kirkwood	0.2065	0.2020	0.1723	60	63
Ivy Prep - Young Men's	-0.0888	-0.0929	-0.0236	48	48
Kittredge Magnet School	-0.4411	-0.4402	-0.3565	32	28
Leadership Preparatory Academy	0.2264	0.2222	0.2622	65	77
Lithonia Middle School	0.0119	0.0094	0.0051	52	53
Mary McLeod Bethune Middle Schoo	-0.1335	-0.1362	-0.1258	42	39
McNair Middle School	-0.0395	-0.0420	-0.0315	49	49
Miller Grove Middle School	0.1714	0.1691	0.1634	58	61
Museum School Avondale Estates	0.1732	0.1740	0.1928	52	55
Peachtree Middle School	0.1939	0.1940	0.2368	56	59
Redan Middle School	0.1020	0.0997	0.1034	57	60
Salem Middle School	-0.1263	-0.1287	-0.1203	49	48
Sequoyah Middle School	0.2131	0.2097	0.2278	60	66
Stephenson Middle School	-0.0452	-0.0481	-0.0379	54	56
Stone Mountain Middle School	-0.1819	-0.1826	-0.1798	41	36
Tapestry Public Charter School	-0.2178	-0.2169	-0.1744	36	31
The Champion Middle Theme School	-0.0067	-0.0102	0.0153	52	52
Tucker Middle School	-0.0668	-0.0652	-0.0490	48	46
Wadsworth Magnet School for High	0.7801	0.7748	0.8453	81	85

Fulton



Estimated School Effects - Fulton - Middle School Social Studies					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Amana Academy School	-0.0062	-0.0025	0.0062	57	59
Autrey Mill Middle School	-0.0888	-0.0857	-0.0500	50	48
Bear Creek Middle School	-0.1560	-0.1595	-0.1694	46	46
Camp Creek Middle School	-0.1219	-0.1248	-0.1360	44	41
Crabapple Middle School	0.0226	0.0245	0.0530	54	55
Elkins Pointe Middle School	0.0599	0.0590	0.0857	56	57
Fulton Leadership	0.0569	0.0536	0.0680	53	57
Hapeville Charter Middle School	-0.3763	-0.3798	-0.3641	33	26
Haynes Bridge Middle School	0.2188	0.2190	0.2489	60	63
Holcomb Bridge Middle School	-0.0089	-0.0110	0.0073	53	54
Hopewell Middle School	0.1574	0.1581	0.1851	61	65
KIPP South Fulton Academy School	0.2938	0.2891	0.2294	57	59
Main Street Charter Academy Elem	-0.2027	-0.2066	-0.1831	45	43
McNair Middle School	-0.1927	-0.1957	-0.2018	43	41
Northwestern Middle School	0.0981	0.1003	0.1318	53	53
Paul D West Middle School	-0.2554	-0.2589	-0.2569	40	36
Renaissance Middle School	-0.1049	-0.1084	-0.1113	46	43
Ridgeview Charter School	-0.0237	-0.0263	0.0022	51	51
River Trail Middle School	0.0491	0.0537	0.0853	51	52
Sandtown Middle School	-0.1051	-0.1091	-0.1067	44	41
Sandy Springs Middle School	0.0030	0.0006	0.0114	52	53
Taylor Road Middle School	0.0036	0.0054	0.0308	49	48
Webb Bridge Middle School	0.1299	0.1325	0.1594	57	60
Woodland Middle School	-0.1453	-0.1486	-0.1558	45	40

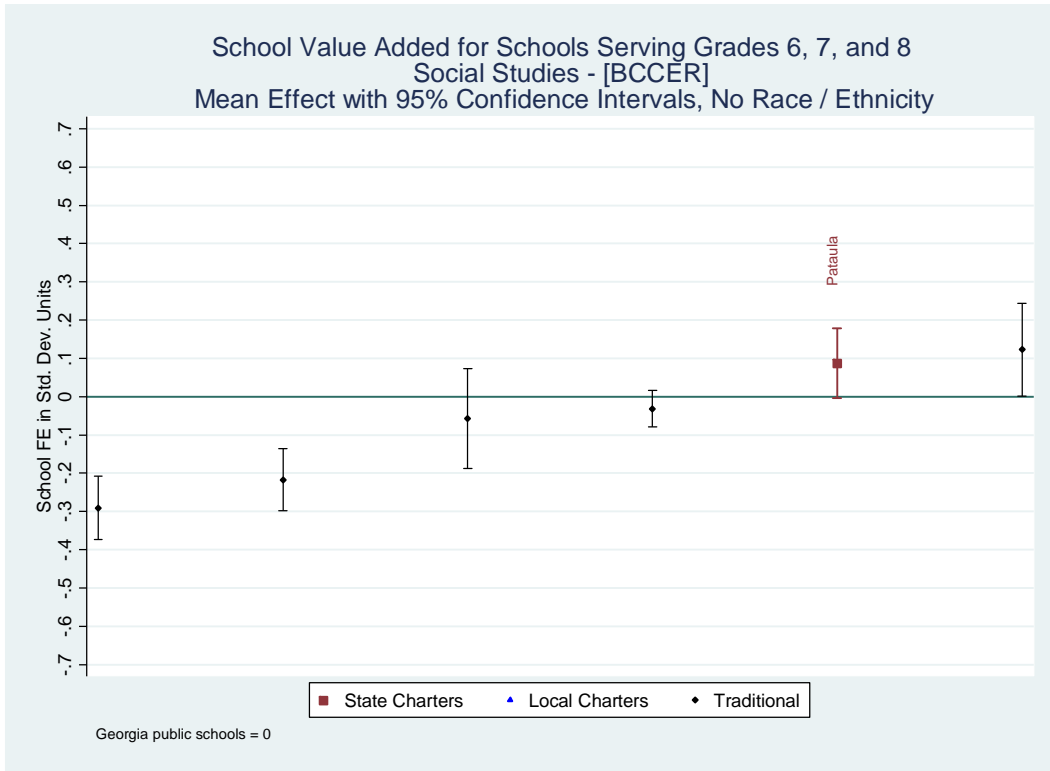
Gwinnett





Estimated School Effects - Gwinnett - Middle School Social Studies					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Alton C Crews Middle School	0.0628	0.0649	0.0755	52	53
Bay Creek Middle School	0.1069	0.1063	0.0964	49	50
Berkmar Middle School	-0.0974	-0.0997	-0.1035	43	40
Couch Middle School	0.2484	0.2489	0.2491	57	61
Creekland Middle School	0.0925	0.0934	0.0942	51	51
Dacula Middle School	0.1666	0.1659	0.1563	56	59
Duluth Middle School	0.0526	0.0527	0.0495	49	50
Five Forks Middle School	0.3006	0.3015	0.2952	60	66
Frank N Osborne Middle School	0.2333	0.2349	0.2229	56	60
Glenn C Jones Middle School	0.0925	0.0941	0.0900	52	54
Grace Snell Middle School	0.1727	0.1702	0.1460	56	59
GIVE Center East	-0.2863	-0.2872	-0.3279	24	13
GIVE Center West	-0.4415	-0.4477	-0.3872	18	8
Gwinnett Online Campus	0.0717	0.0737	0.0749	48	44
Hull Middle School	-0.0721	-0.0678	-0.0443	49	47
Ivy Prep	0.0930	0.0865	0.0270	48	47
Lanier Middle School	0.0889	0.0894	0.0810	52	52
Lilburn Middle School	-0.0391	-0.0424	-0.0434	46	44
Louise Radloff Middle School	0.0536	0.0494	0.0394	53	54
McConnell Middle School	0.0945	0.0951	0.0891	51	51
Moore Middle School	-0.0895	-0.0898	-0.1123	42	37
New Life Academy of Excellence D	0.1243	0.1213	0.1460	52	51
North Gwinnett Middle School	0.1192	0.1229	0.1317	51	52
North Metro Academy of Performin	-0.6504	-0.6563	-0.6016	13	4
Northbrook Middle School	0.0052	0.0057	0.0202	52	53
Pinckneyville Middle School	0.1401	0.1381	0.1357	54	56
Richards Middle School	-0.0201	-0.0210	-0.0272	49	47
Shiloh Middle School	0.0649	0.0620	0.0457	51	53
Snellville Middle School	0.0447	0.0418	0.0284	53	54
Summerour Middle School	-0.0021	-0.0058	-0.0098	48	47
Sweetwater Middle School	0.0690	0.0667	0.0638	51	53
Trickum Middle School	-0.1528	-0.1509	-0.1362	41	39
Twin Rivers Middle School	0.2384	0.2388	0.2239	56	59

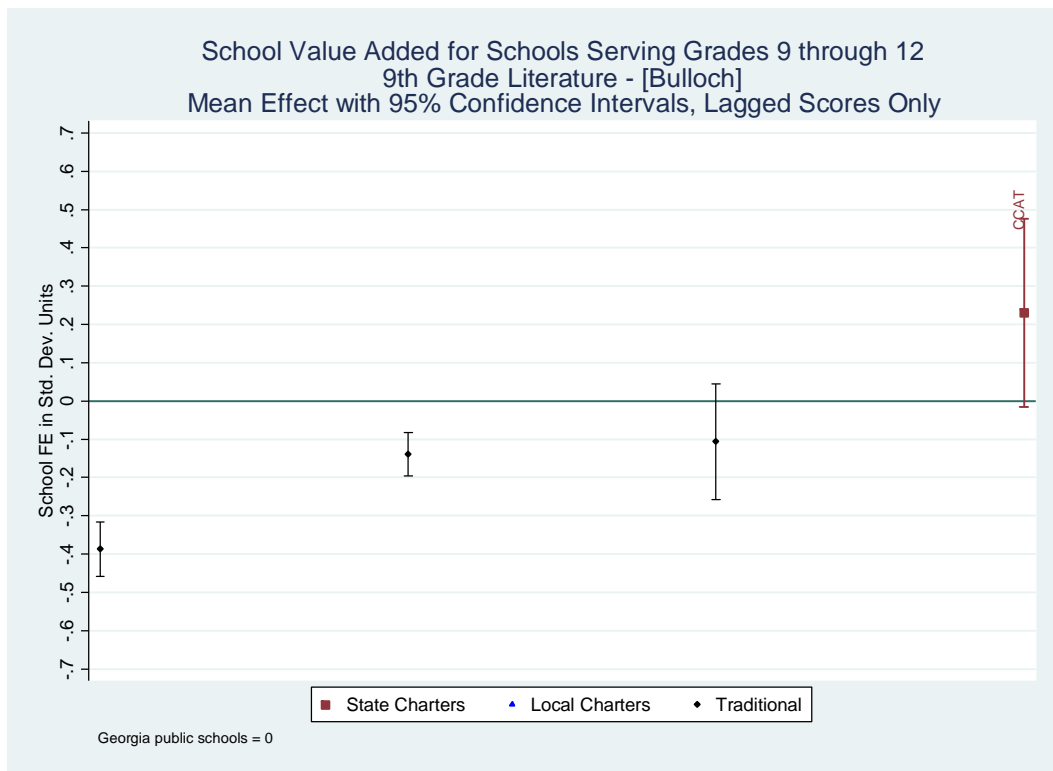
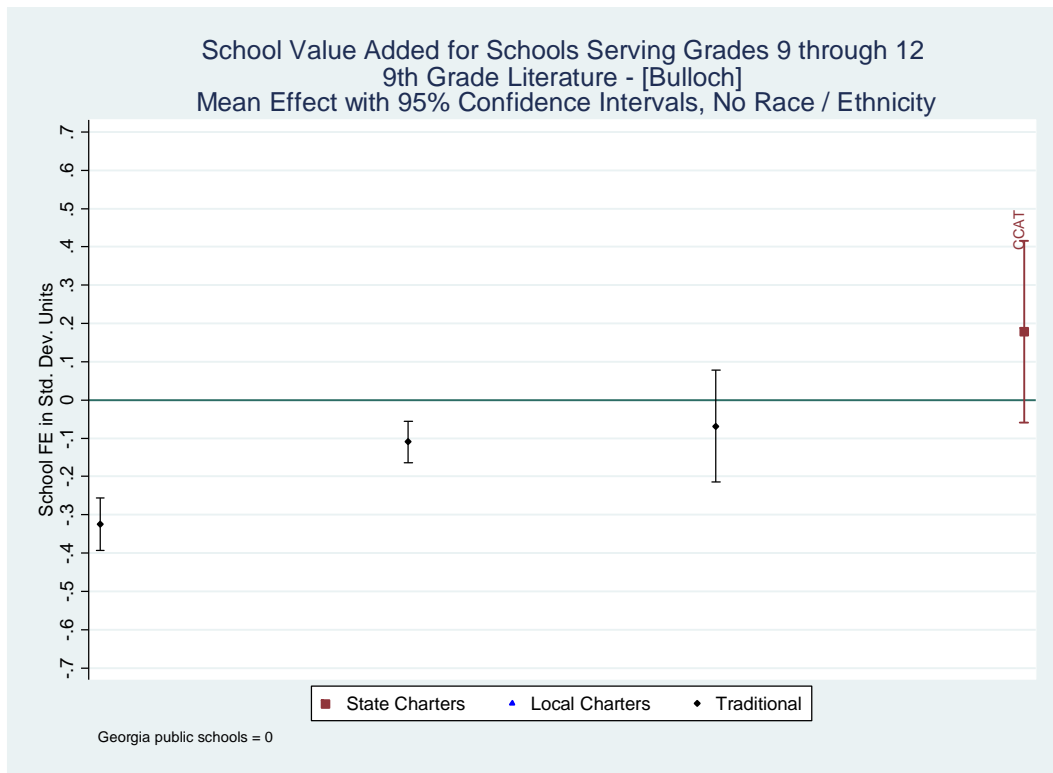
BCCER



Estimated School Effects - BCCER - Middle School Social Studies					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Baker County K12 School	0.1246	0.1227	0.1377	65	67
Calhoun County Middle School	-0.2883	-0.2904	-0.3046	34	29
Clay County Middle School	-0.0542	-0.0565	-0.1142	44	40
Early County Middle School	-0.0307	-0.0312	-0.0452	49	44
Pataula	0.0830	0.0873	0.0727	52	52
Randolph Clay Middle School	-0.2149	-0.2169	-0.2519	36	31

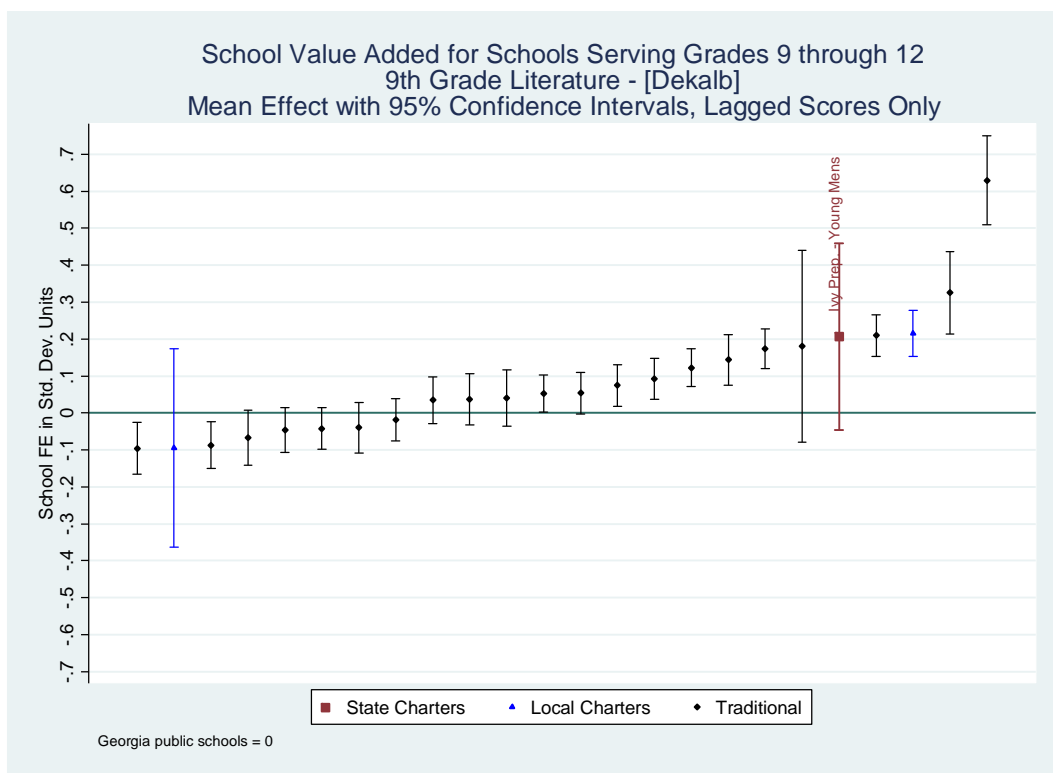
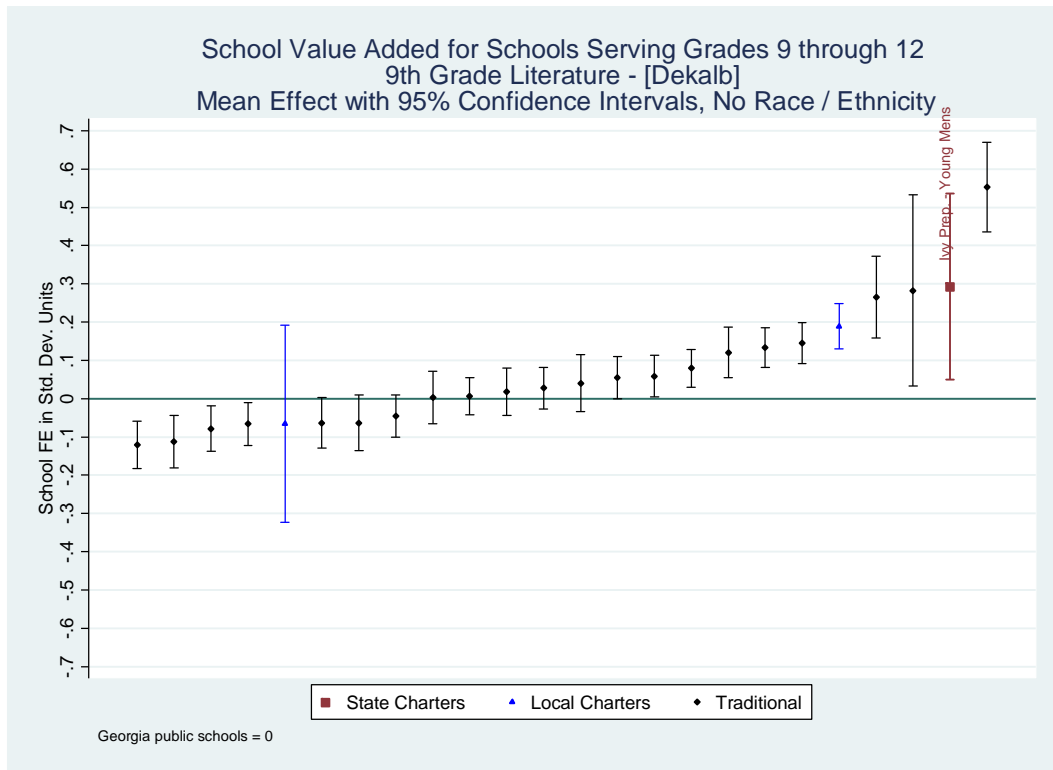
*Schools Serving Grades 9 through 12 – 9th Grade Literature*

Bulloch



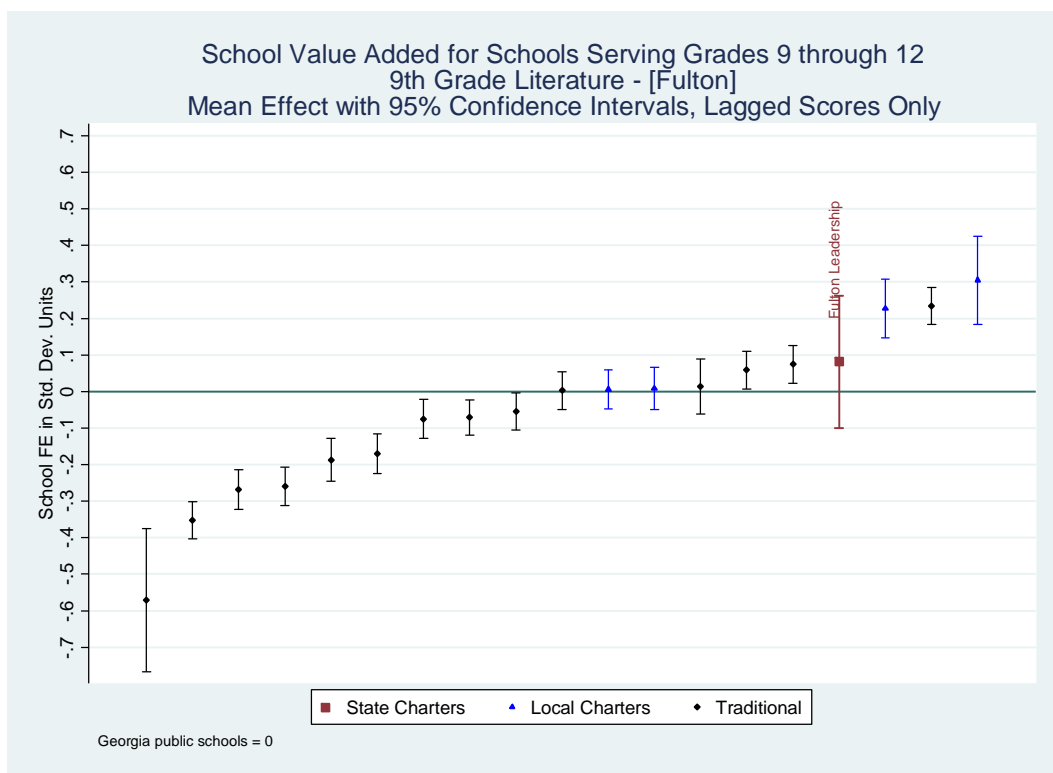
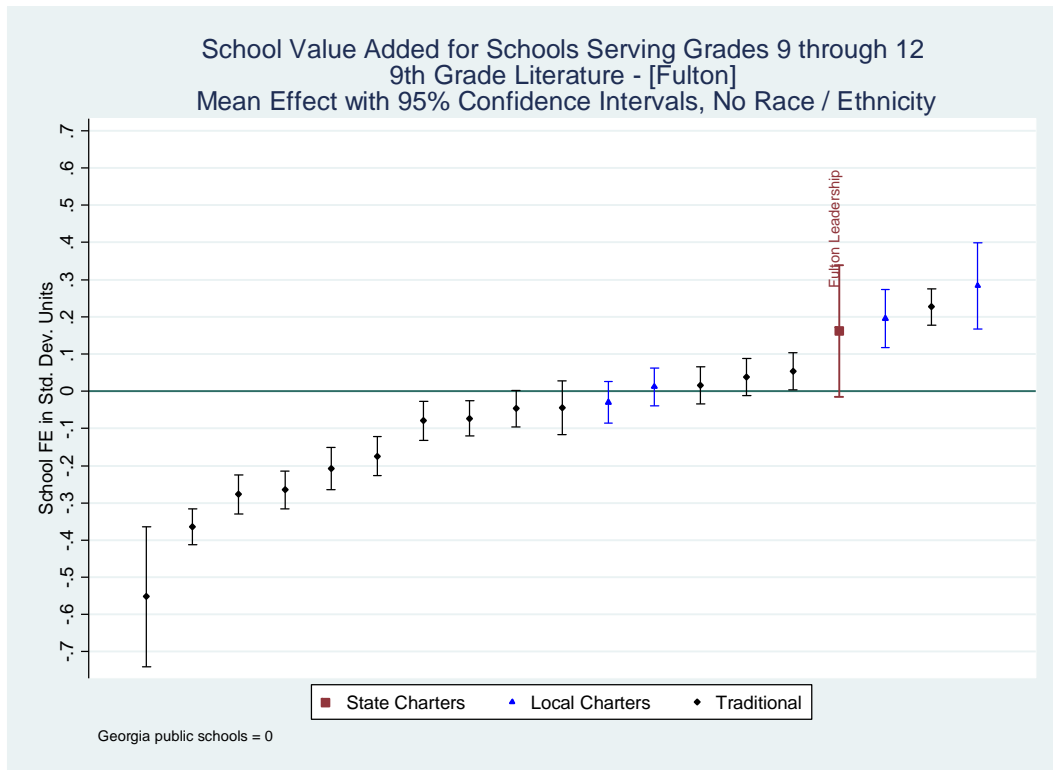
Estimated School Effects - Bulloch - 9th Grade Literature					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
CCAT	0.1683	0.1784	0.2306	52	43
New Southeast Bulloch High School	-0.3328	-0.3246	-0.3867	31	22
Portal Middle/High School	-0.0710	-0.0682	-0.1061	42	36
Statesboro High School	-0.1079	-0.1092	-0.1388	42	40

DeKalb



Estimated School Effects - DeKalb - 9th Grade Literature					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Arabia Mountain High School - Ac	0.1602	0.1456	0.2094	57	61
Cedar Grove High School	0.0146	0.0030	0.0368	51	55
Chamblee Charter High School	0.1891	0.1890	0.2151	58	65
Clarkston High School	0.0615	0.0544	0.0744	57	63
Columbia High School	-0.0673	-0.0784	-0.0459	49	48
Cross Keys High School	-0.0727	-0.0660	-0.0422	54	58
DeKalb School of the Arts	0.5587	0.5527	0.6295	74	83
DeKalb Early College Academy	0.2795	0.2646	0.3253	65	73
Destiny Achievers Academy of Exc	-0.0629	-0.0660	-0.0952	42	28
Druid Hills High School	0.1221	0.1203	0.1440	60	65
Dunwoody High School	0.0742	0.0793	0.1217	53	54
Elizabeth Andrews High School	0.2947	0.2823	0.1802	64	74
Ivy Prep - Young Men's	0.3080	0.2928	0.2060	54	58
Lakeside High School	0.0040	0.0062	0.0518	53	56
Lithonia High School	0.0294	0.0184	0.0350	51	52
Martin Luther King, Jr High Sch	0.0700	0.0588	0.0929	52	53
McNair High School	0.0500	0.0401	0.0406	49	51
Miller Grove High School	-0.0341	-0.0451	-0.0188	47	45
Redan High School	-0.0525	-0.0631	-0.0399	47	49
Southwest DeKalb High School	-0.1084	-0.1205	-0.0870	44	43
Stephenson High School	0.0399	0.0274	0.0537	53	49
Stone Mountain High School	-0.0525	-0.0630	-0.0669	46	42
Towers High School	-0.1022	-0.1129	-0.0963	47	45
Tucker High School	0.1405	0.1333	0.1732	59	65

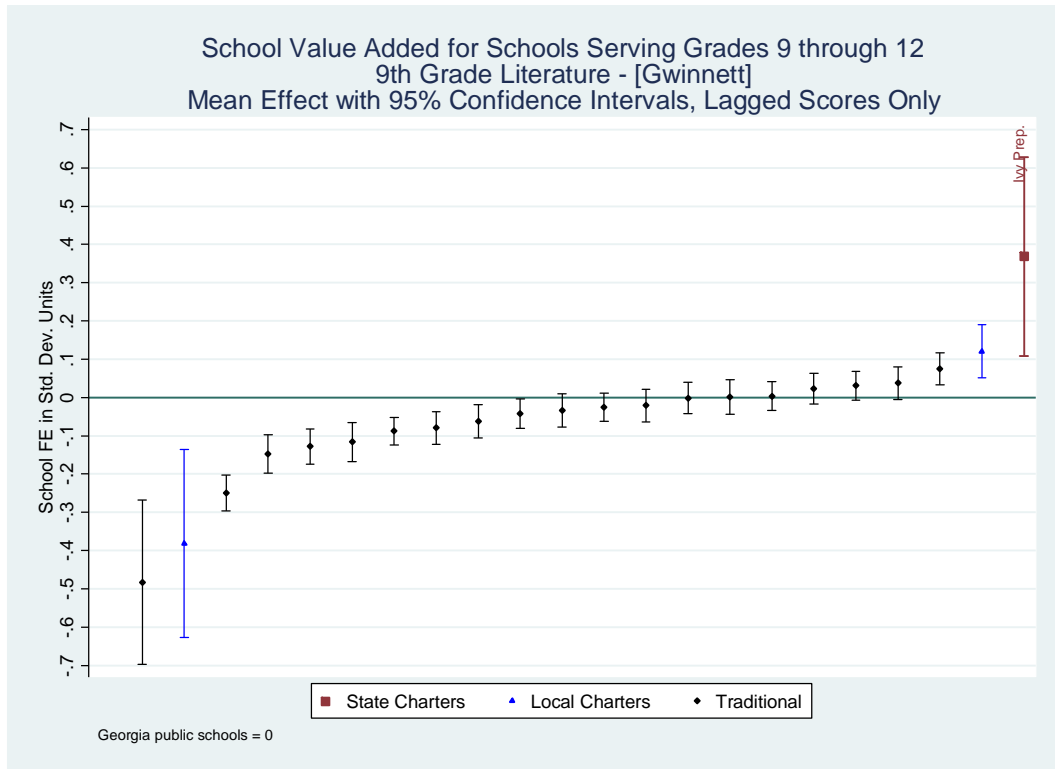
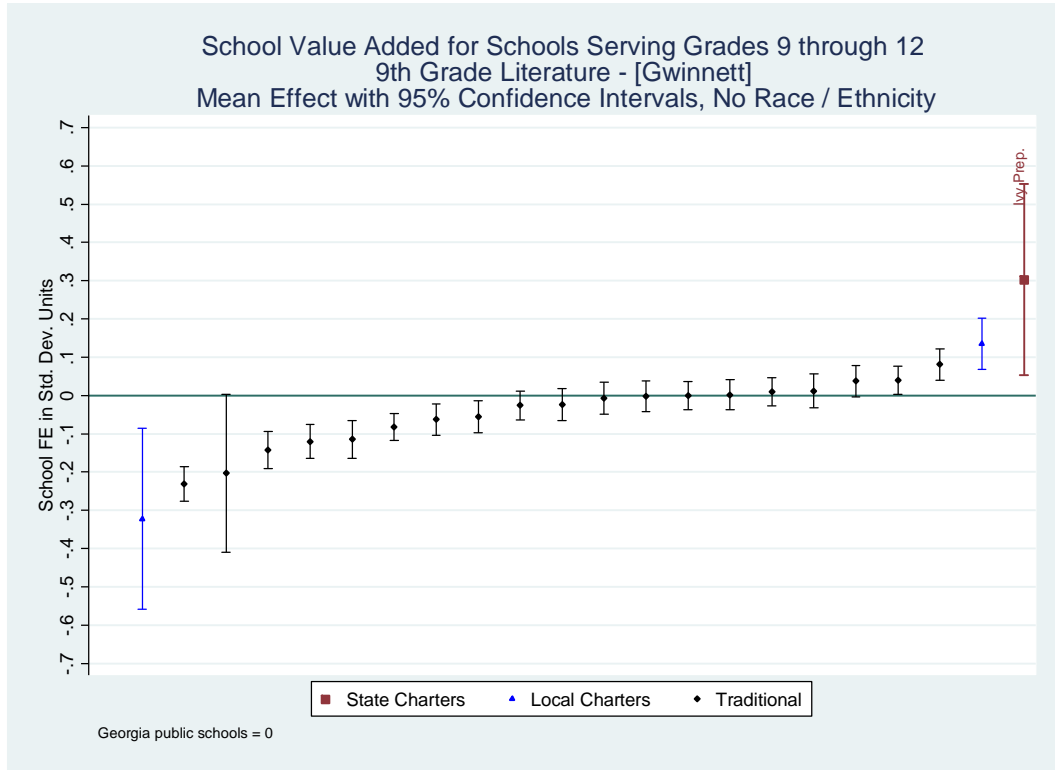
Fulton





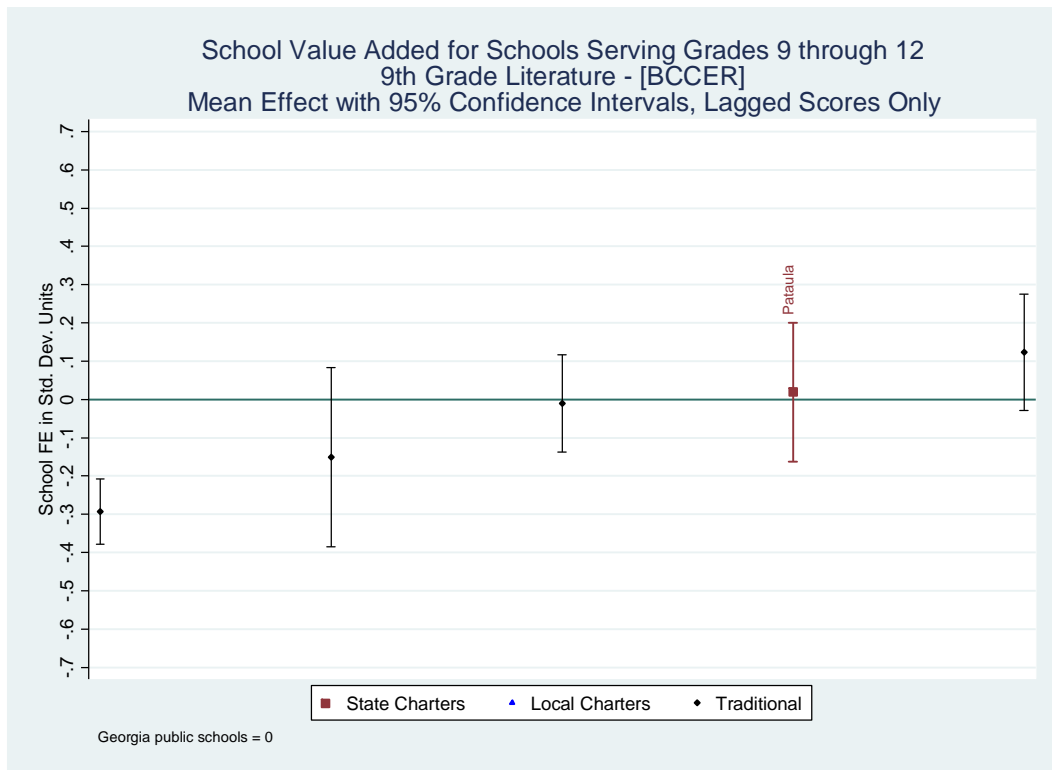
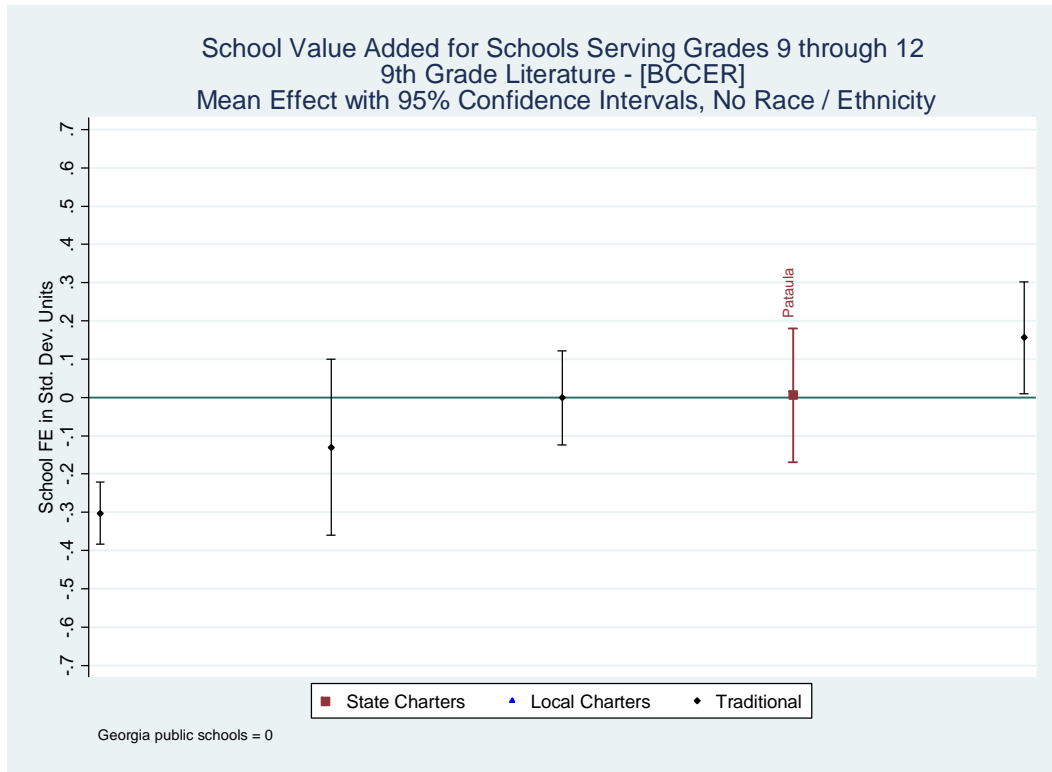
Estimated School Effects - Fulton - 9th Grade Literature					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Alpharetta High School	0.2238	0.2268	0.2340	65	70
Banneker High School	-0.1965	-0.2082	-0.1871	40	38
Cambridge High School	-0.2697	-0.2646	-0.2600	38	32
Centennial High School	-0.0819	-0.0796	-0.0753	50	51
Chattahoochee High School	0.0078	0.0115	0.0057	47	44
Creekside High School	-0.1642	-0.1745	-0.1698	34	28
Fulton Leadership	0.1753	0.1621	0.0813	46	46
Fulton Science Academy High Scho	0.2892	0.2834	0.3049	64	68
Hapeville Charter Career Academy	0.2060	0.1954	0.2276	58	60
Johns Creek High School	0.0346	0.0382	0.0586	52	51
Langston Hughes High School	-0.0610	-0.0729	-0.0710	44	40
McClarín Alternative School	-0.5390	-0.5520	-0.5708	19	7
Milton High School	-0.3690	-0.3640	-0.3521	33	27
North Springs High School	-0.0259	-0.0299	0.0083	46	44
Northview High School	0.0135	0.0160	0.0025	50	47
Riverwood International Charter	-0.0459	-0.0436	0.0142	46	44
Roswell High School	-0.0514	-0.0467	-0.0546	47	43
Tri-Cities High School	-0.2695	-0.2771	-0.2680	36	30
Westlake High School	0.0664	0.0537	0.0746	49	48

**Gwinnett**



Estimated School Effects - Gwinnett - 9th Grade Literature					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Archer High School	0.0135	0.0120	0.0013	50	50
Berkmar High School	-0.0024	-0.0027	-0.0014	54	54
Brookwood High School	0.0094	0.0095	0.0036	51	51
Central Gwinnett High School	0.0859	0.0810	0.0747	55	57
Collins Hill High School	-0.0265	-0.0261	-0.0423	46	43
Dacula High School	-0.1401	-0.1424	-0.1477	48	46
Duluth High School	-0.0538	-0.0556	-0.0618	47	44
Grayson High School	-0.0050	-0.0070	-0.0210	49	50
GIVE Center East	-0.2040	-0.2028	-0.4825	21	13
Gwinnett Online Campus	-0.3217	-0.3224	-0.3816	33	25
Gwinnett School of Mathematics,	0.1400	0.1350	0.1201	59	61
Ivy Prep	0.3120	0.3029	0.3684	63	69
Lanier High School	-0.1181	-0.1147	-0.1163	48	48
Meadowcreek High School	-0.0021	-0.0003	-0.0261	49	48
Mill Creek High School	-0.0855	-0.0825	-0.0878	47	45
Mountain View High School	-0.2325	-0.2308	-0.2498	40	33
Norcross High School	0.0393	0.0398	0.0309	52	51
North Gwinnett High School	-0.0659	-0.0627	-0.0790	53	54
Parkview High School	0.0369	0.0374	0.0374	52	52
Peachtree Ridge High School	0.0028	0.0022	0.0233	50	52
Shiloh High School	-0.1098	-0.1198	-0.1276	41	35
South Gwinnett High School	-0.0155	-0.0236	-0.0338	46	46

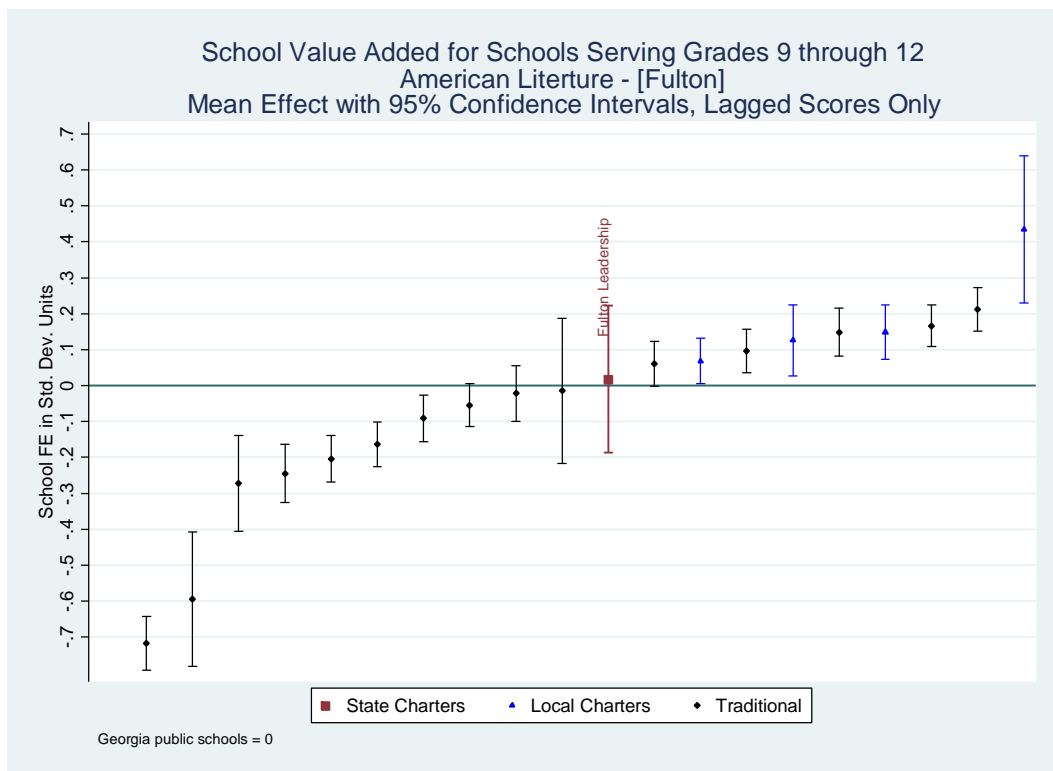
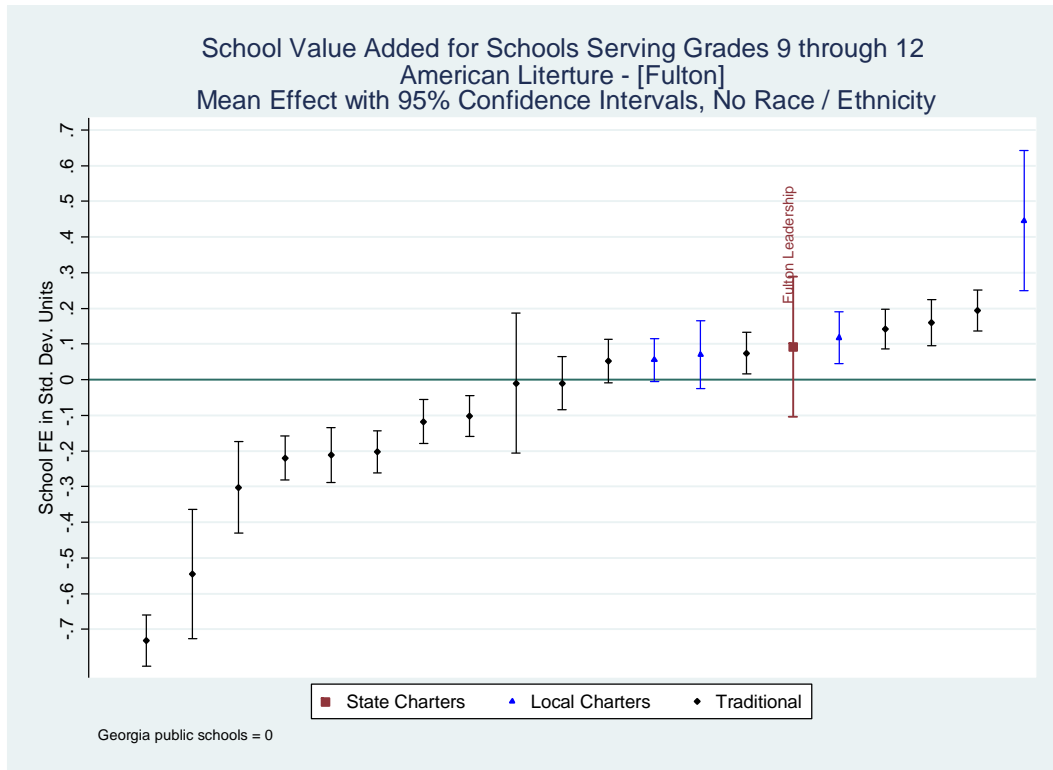
*Baker Calhoun, Clay, Early and Randolph (BCCER)*



Estimated School Effects - BCCER - 9th Grade Literature					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Calhoun County High School	0.1674	0.1562	0.1234	51	50
Clay County 9th Grade Academy Sc	-0.1217	-0.1299	-0.1499	32	20
Early County High School	-0.2964	-0.3022	-0.2926	29	23
Pataula	-0.0032	0.0062	0.0197	43	35
Randolph Clay High School	0.0096	-0.0010	-0.0107	43	37

## Schools Serving Grades 9 through 12 – American Literature

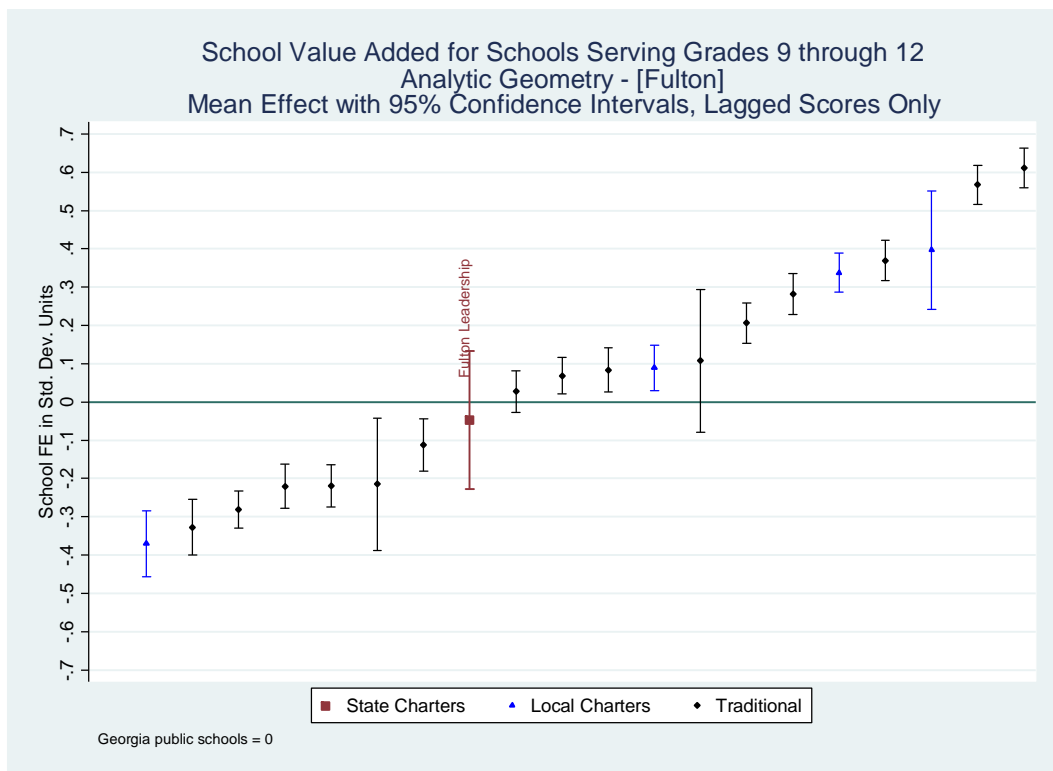
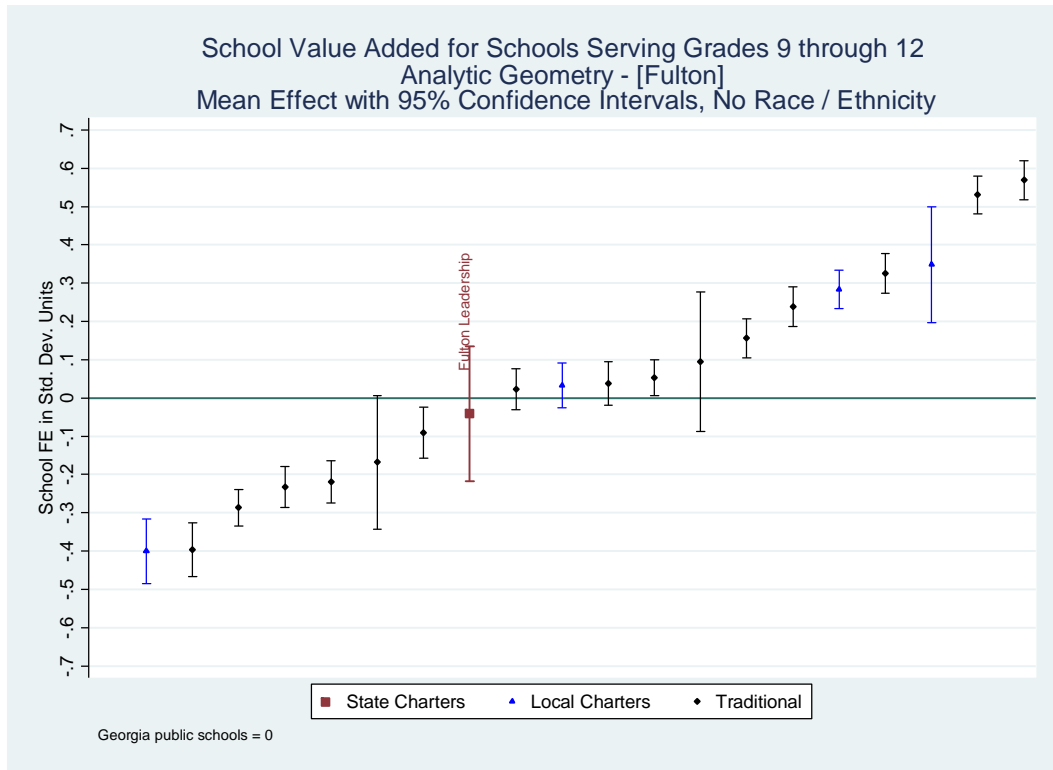
### Fulton



Estimated School Effects - Fulton - American Literature					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Alpharetta High School	0.1850	0.1935	0.2117	57	59
Banneker High School	-0.1711	-0.2114	-0.2453	37	33
Cambridge High School	-0.2226	-0.2029	-0.1642	42	40
Centennial High School	-0.2254	-0.2199	-0.2040	40	36
Chattahoochee High School	0.0429	0.0554	0.0683	47	45
Creekside High School	0.0196	-0.0097	-0.0221	48	49
Fulton Leadership	0.1358	0.0923	0.0171	46	47
Fulton Science Academy High Scho	0.4288	0.4453	0.4343	73	78
Hapeville Charter Career Academy	0.1067	0.0700	0.1258	54	52
Independence Alternative School	-0.0044	-0.0103	-0.0149	48	44
Johns Creek High School	-0.1185	-0.1021	-0.0541	46	47
Langston Hughes High School	0.1959	0.1598	0.1485	54	58
McClarín Alternative School	-0.5146	-0.5460	-0.5944	26	14
Milton High School	-0.7470	-0.7319	-0.7176	26	15
North Springs High School	0.1391	0.1175	0.1486	50	49
Northview High School	0.1272	0.1418	0.1663	51	49
Riverwood International Charter	-0.2958	-0.3022	-0.2725	35	30
Roswell High School	0.0391	0.0518	0.0604	51	51
Tri-Cities High School	-0.0844	-0.1175	-0.0910	44	44
Westlake High School	0.1202	0.0742	0.0957	50	48

## Schools Serving Grades 9 through 12 – Analytic Geometry

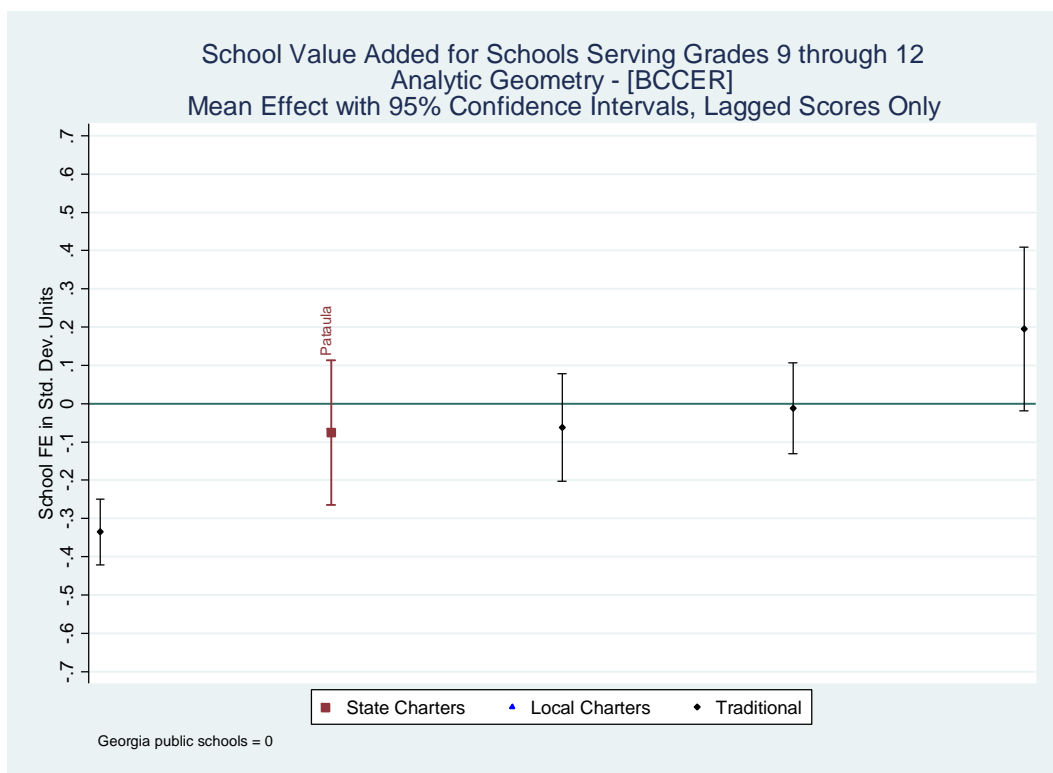
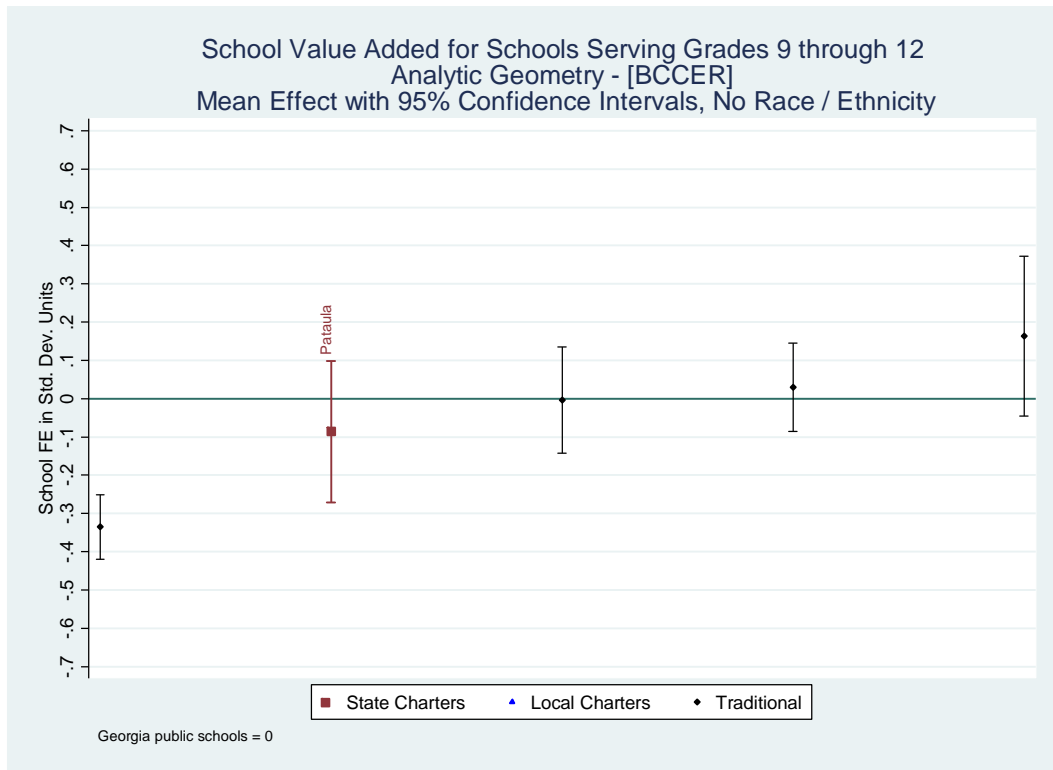
### Fulton





Estimated School Effects - Gwinnett - Analytic Geometry					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Archer High School	0.0163	0.0155	0.0284	52	53
Berkmar High School	-0.0702	-0.0824	-0.0869	49	50
Brookwood High School	0.4523	0.4591	0.4615	65	71
Central Gwinnett High School	-0.0114	-0.0251	-0.0282	49	49
Collins Hill High School	0.3602	0.3607	0.3579	60	66
Dacula High School	0.2352	0.2294	0.2040	60	62
Duluth High School	-0.0469	-0.0474	-0.0366	47	47
Grayson High School	-0.1095	-0.1182	-0.1211	47	47
GIVE Center East	-0.1015	-0.1172	-0.2952	34	38
Gwinnett Online Campus	-0.2698	-0.2583	-0.2634	39	38
Gwinnett School of Mathematics,	0.3148	0.3161	0.3909	60	62
Lanier High School	0.0289	0.0347	0.0387	52	53
Meadowcreek High School	-0.3419	-0.3512	-0.3570	37	32
Mill Creek High School	0.1263	0.1400	0.1472	50	49
Mountain View High School	-0.0458	-0.0400	-0.0550	54	58
Norcross High School	0.1567	0.1475	0.1676	54	54
North Gwinnett High School	0.3771	0.3925	0.4019	63	68
Parkview High School	0.1721	0.1784	0.1931	58	63
Peachtree Ridge High School	0.0773	0.0819	0.1337	52	54
Shiloh High School	-0.1103	-0.1425	-0.1543	45	42
South Gwinnett High School	-0.0232	-0.0511	-0.0562	54	59

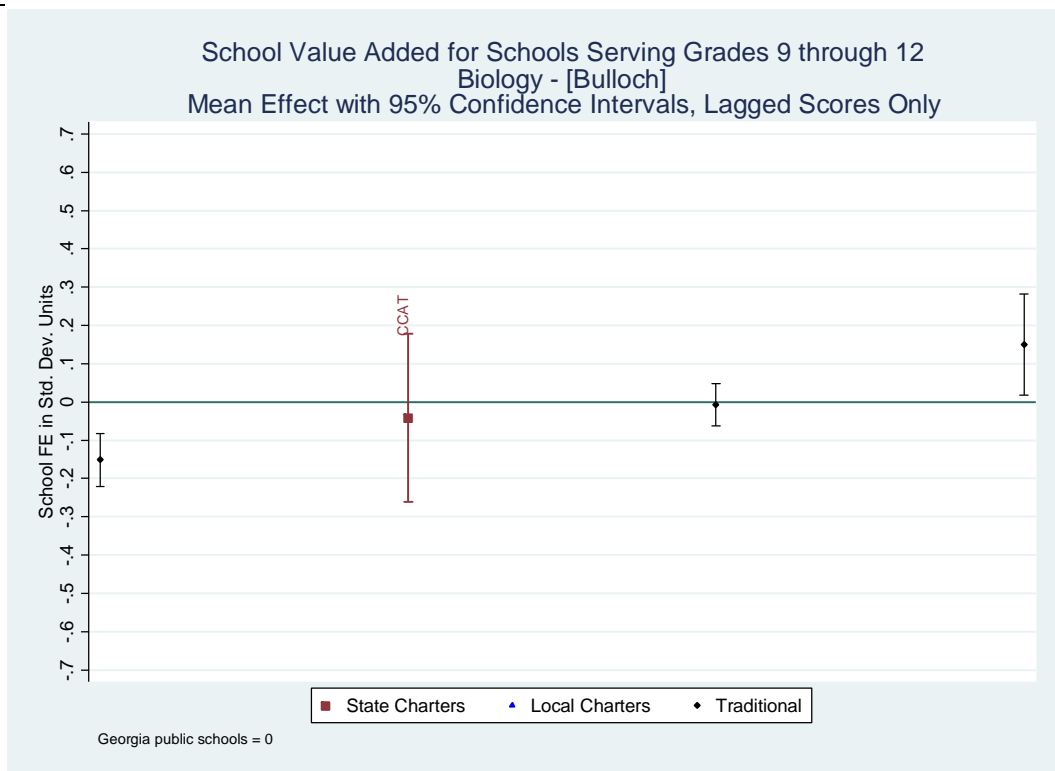
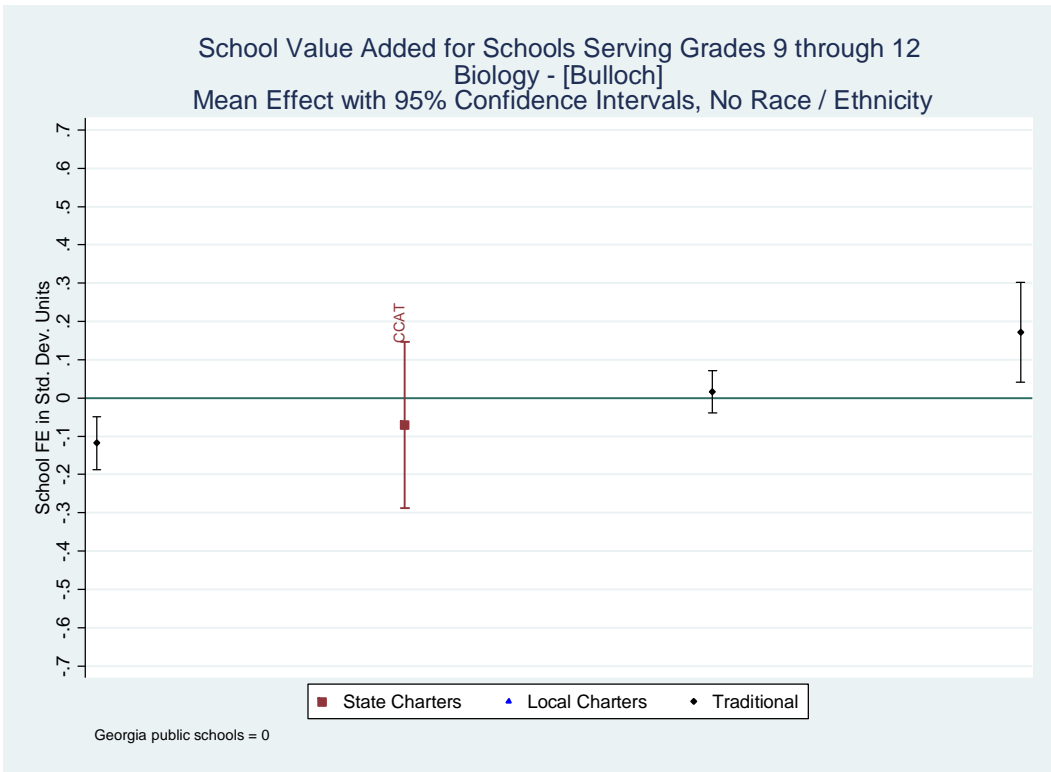
Baker Calhoun, Clay, Early and Randolph (BCCER)



Estimated School Effects - BCCER - Analytic Geometry					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Baker County K12 School	0.1834	0.1635	0.1956	52	52
Calhoun County High School	0.0269	-0.0043	-0.0626	51	52
Early County High School	-0.3270	-0.3353	-0.3349	30	22
Pataula	-0.1087	-0.0859	-0.0758	50	45
Randolph Clay High School	0.0535	0.0300	-0.0121	47	49

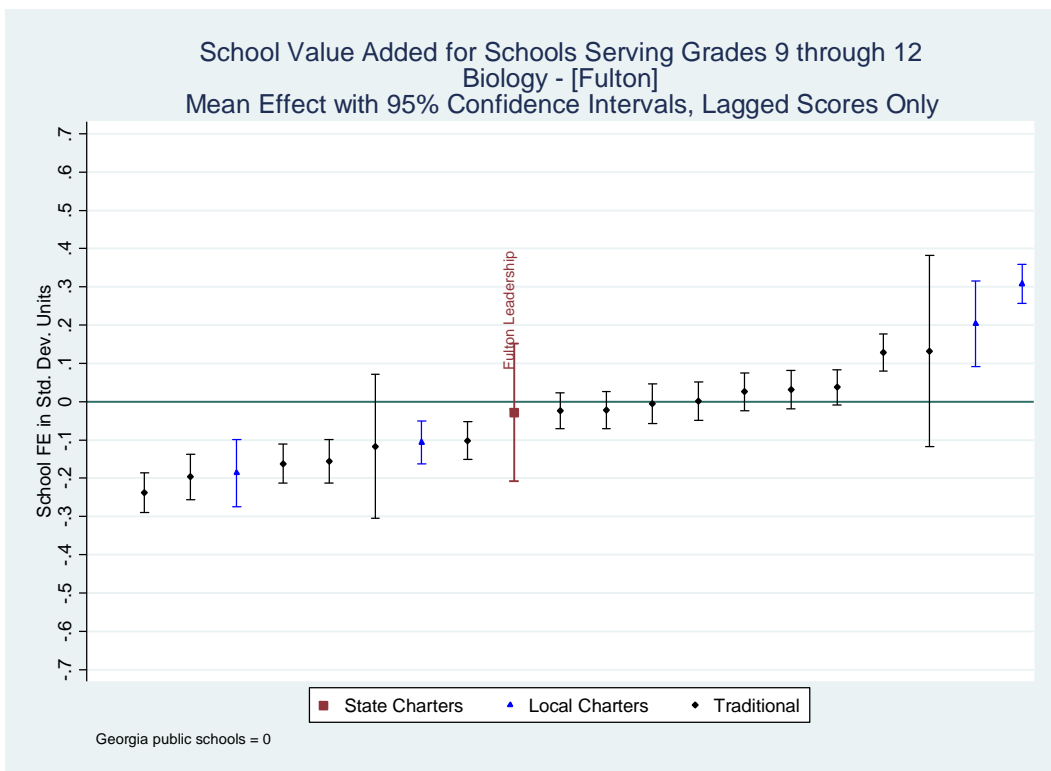
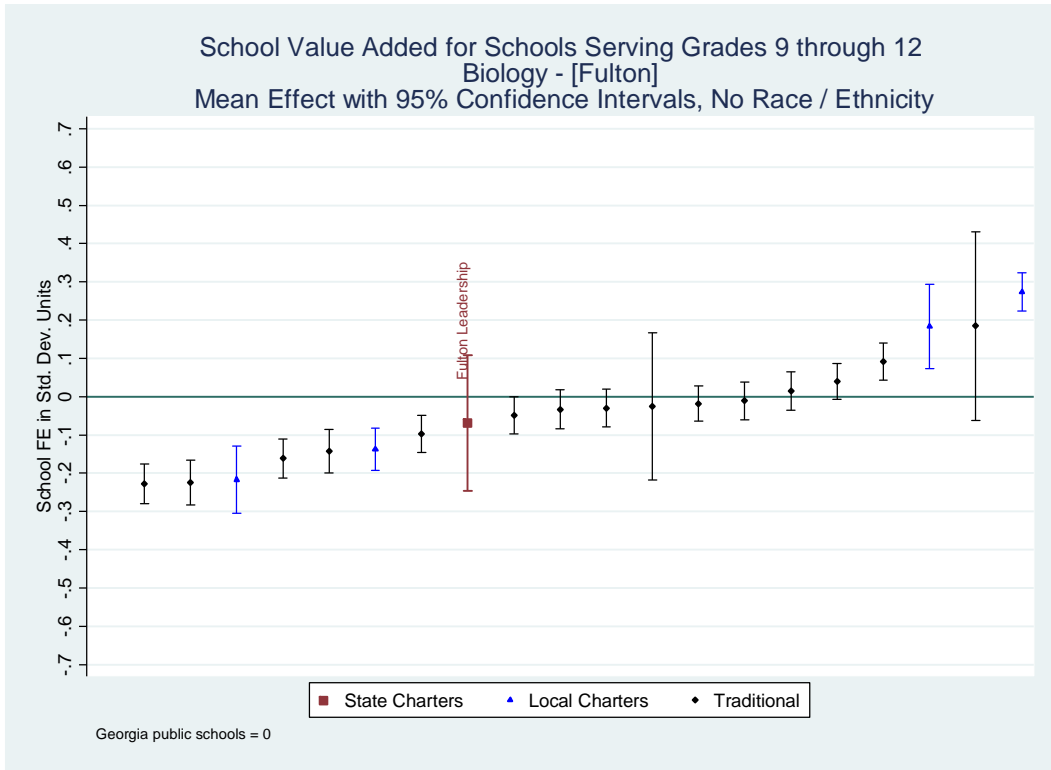
## Schools Serving Grades 9 through 12 – Biology

### Bulloch



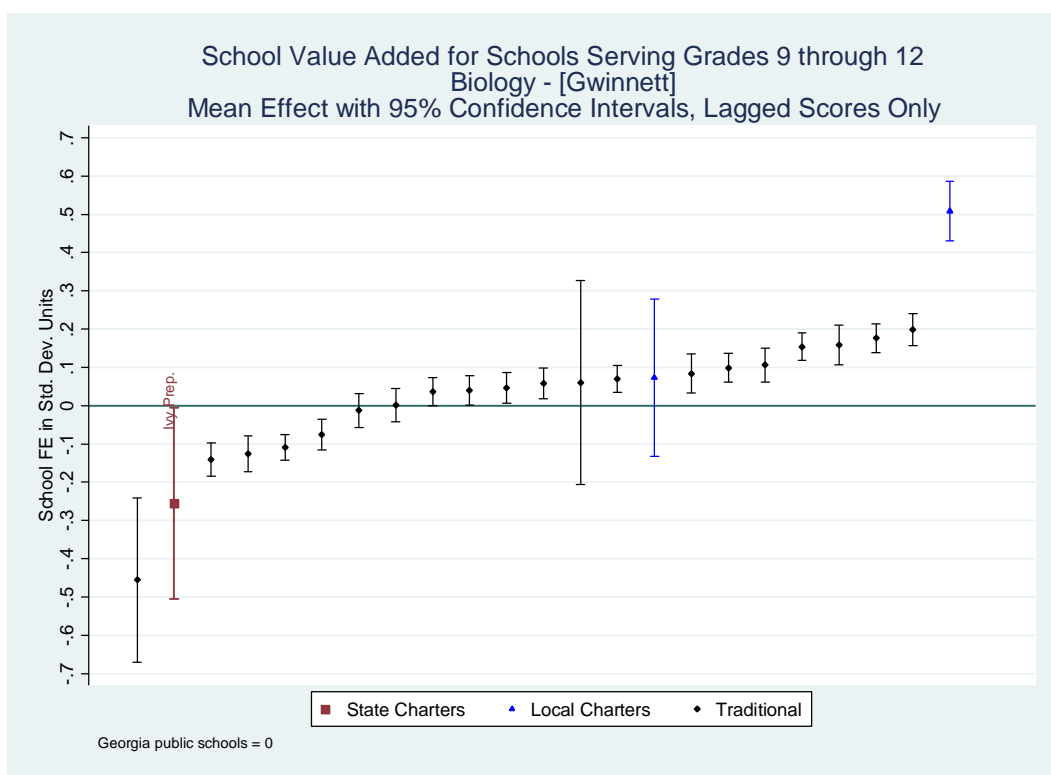
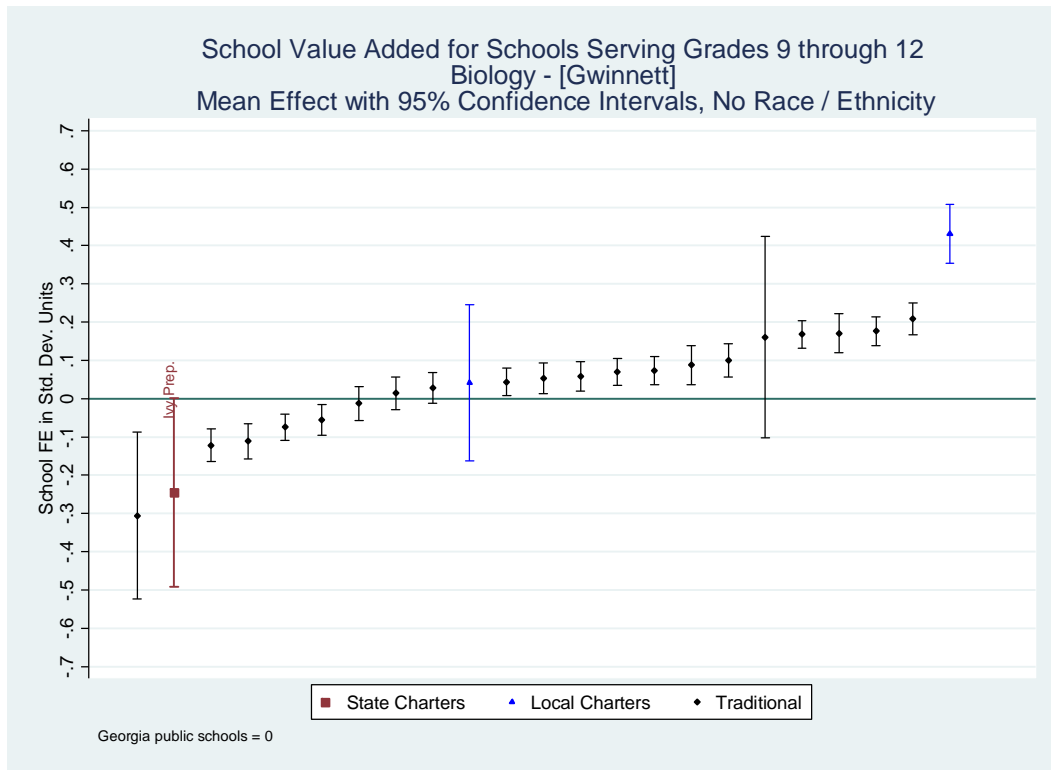
Estimated School Effects - Bulloch - Biology					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
CCAT	-0.0907	-0.0707	-0.0417	56	61
New Southeast Bulloch High School	-0.1454	-0.1179	-0.1513	41	38
Portal Middle/High School	0.1607	0.1723	0.1494	59	62
Statesboro High School	0.0171	0.0170	-0.0070	53	52

Fulton



Estimated School Effects - Fulton - Biology					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Alpharetta High School	-0.0551	-0.0482	-0.0216	50	48
Banneker High School	-0.1129	-0.1423	-0.1556	42	38
Cambridge High School	-0.0466	-0.0332	-0.0050	54	56
Centennial High School	-0.1634	-0.1614	-0.1619	43	40
Chattahoochee High School	0.2597	0.2734	0.3079	59	64
Creekside High School	-0.2012	-0.2279	-0.2371	35	30
Fulton Leadership	-0.0342	-0.0685	-0.0278	47	38
Fulton Science Academy High Scho	0.1925	0.1838	0.2038	61	67
Hapeville Charter Career Academy	-0.1883	-0.2168	-0.1862	49	53
Independence Alternative School	0.1992	0.1845	0.1318	61	77
Johns Creek High School	-0.0241	-0.0108	0.0261	51	50
Langston Hughes High School	0.0129	-0.0183	-0.0238	51	51
McClarín Alternative School	0.0078	-0.0253	-0.1169	41	33
Milton High School	0.0797	0.0915	0.1278	56	59
North Springs High School	-0.1243	-0.1378	-0.1063	39	34
Northview High School	-0.0428	-0.0302	0.0016	50	48
Riverwood International Charter	-0.2212	-0.2240	-0.1963	37	32
Roswell High School	0.0051	0.0151	0.0314	52	56
Tri-Cities High School	-0.0738	-0.0969	-0.1014	45	45
Westlake High School	0.0742	0.0397	0.0376	54	54

Gwinnett

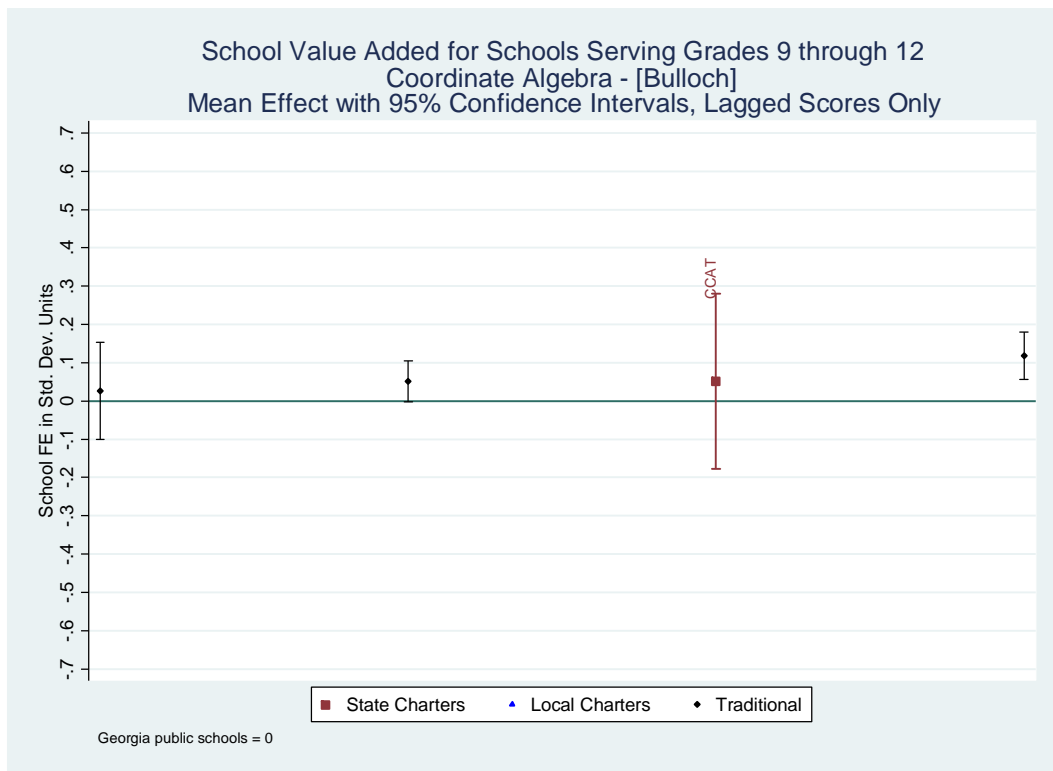
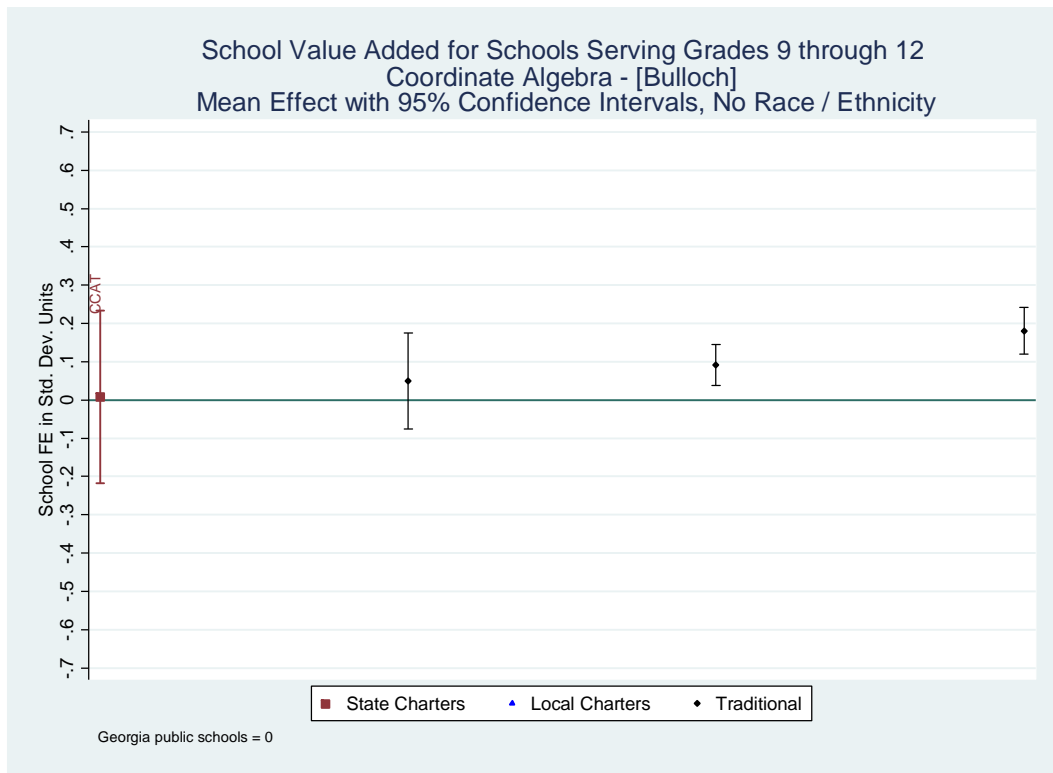




Estimated School Effects - Gwinnett - Biology					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Archer High School	0.1029	0.0997	0.1060	55	58
Berkmar High School	0.0645	0.0581	0.0397	50	52
Brookwood High School	0.1734	0.1763	0.1765	58	64
Central Gwinnett High School	-0.0423	-0.0554	-0.0749	47	46
Collins Hill High School	0.0445	0.0439	0.0368	48	47
Dacula High School	0.0932	0.0875	0.0840	54	55
Duluth High School	0.2111	0.2090	0.1989	56	61
Grayson High School	0.0587	0.0528	0.0582	51	53
GIVE Center East	-0.2924	-0.3053	-0.4550	20	15
Gwinnett Online Campus	0.0457	0.0411	0.0730	49	47
Gwinnett School of Mathematics,	0.4287	0.4311	0.5083	64	68
Ivy Prep	-0.2175	-0.2453	-0.2558	34	30
Lanier High School	0.1638	0.1702	0.1585	60	65
Meadowcreek High School	-0.0684	-0.0745	-0.1086	42	39
Mill Creek High School	0.0598	0.0699	0.0697	49	47
Mountain View High School	-0.1143	-0.1111	-0.1254	41	35
Norcross High School	0.1748	0.1679	0.1539	58	62
North Gwinnett High School	-0.0249	-0.0125	-0.0128	49	48
Parkview High School	0.0229	0.0281	0.0465	45	41
Peachtree Ridge High School	0.0714	0.0736	0.0988	54	55
Phoenix High School	0.1753	0.1604	0.0603	40	36
Shiloh High School	0.0421	0.0140	0.0022	49	51

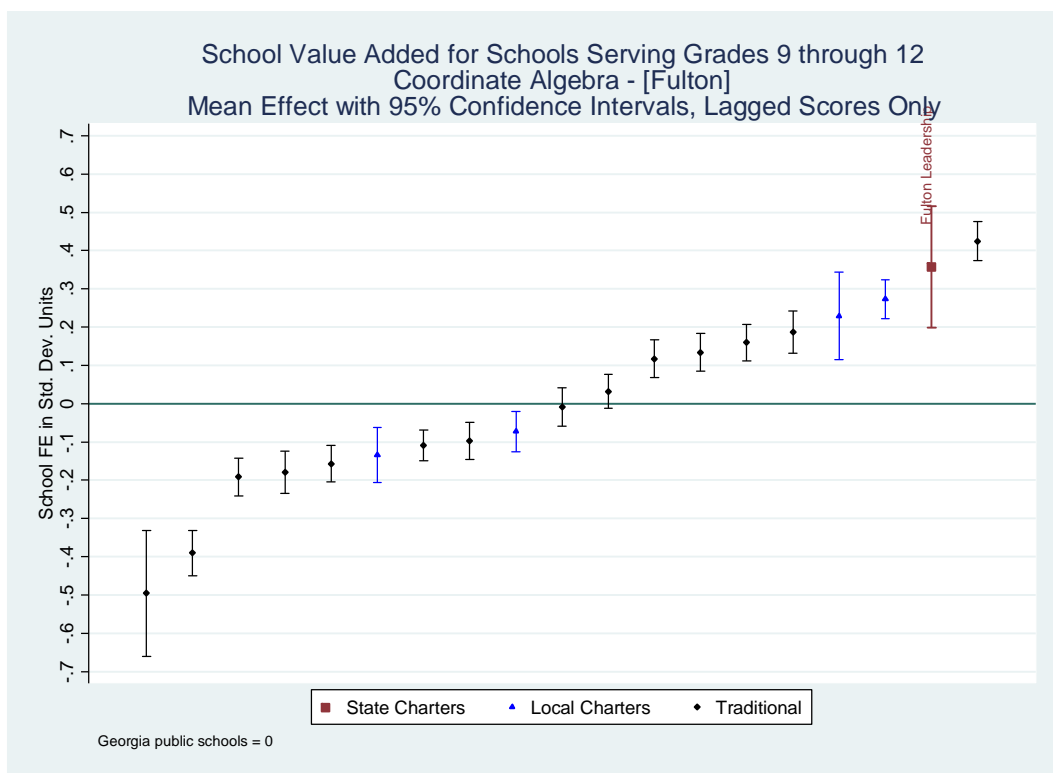
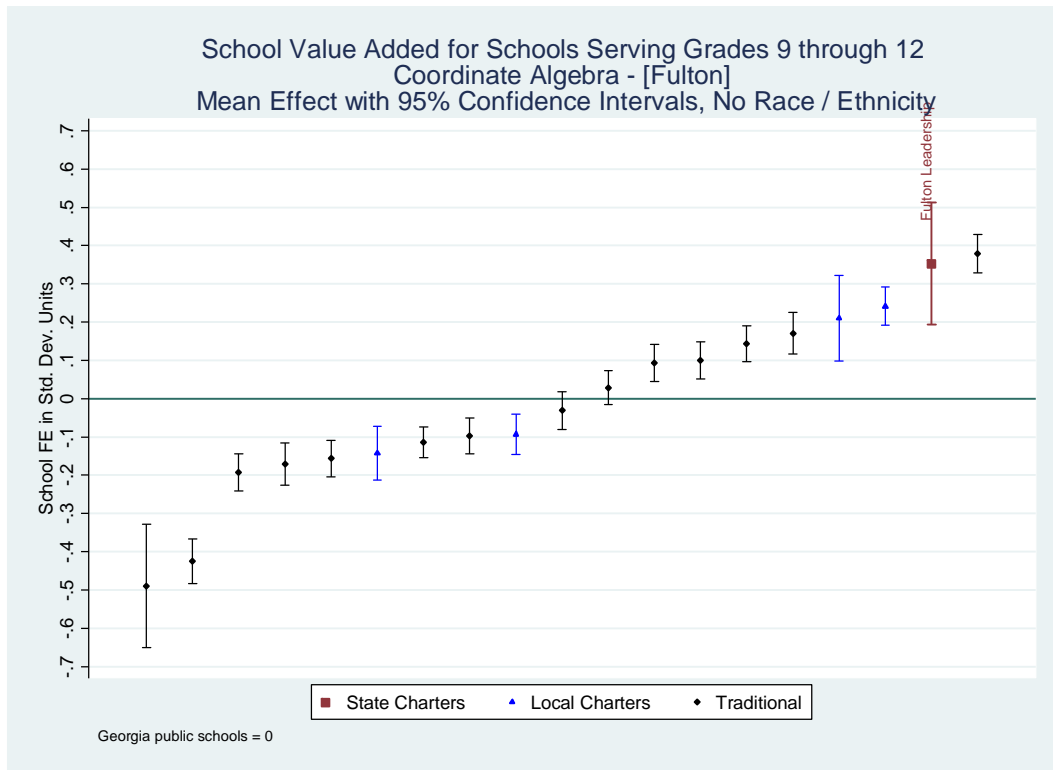
## Schools Serving Grades 9 through 12 – Coordinate Algebra

### Bulloch



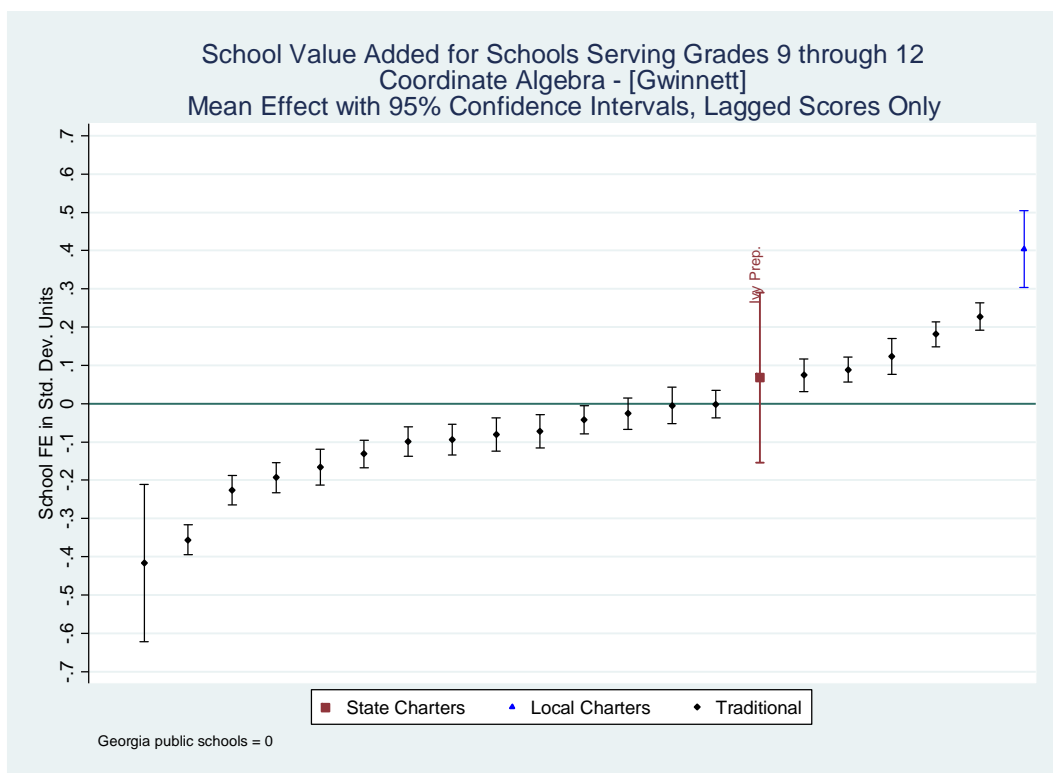
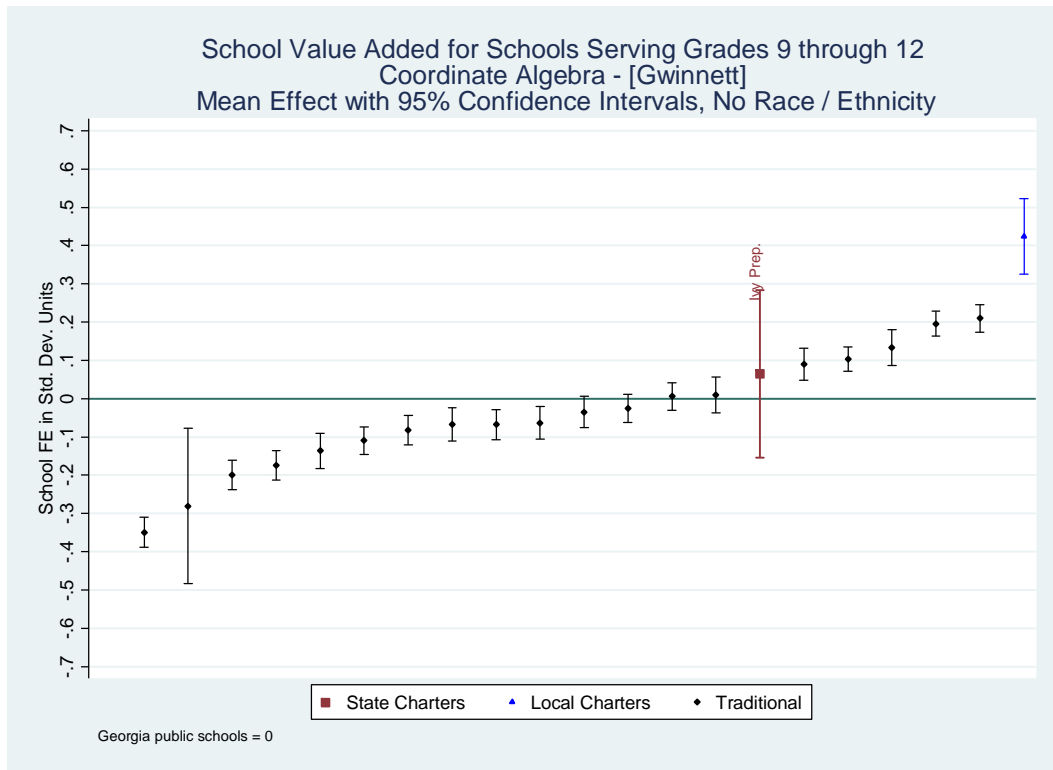
Estimated School Effects - Bulloch - Coordinate Algebra					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
CCAT	-0.0166	0.0083	0.0517	51	51
New Southeast Bulloch High School	0.1545	0.1808	0.1182	51	52
Portal Middle/High School	0.0373	0.0497	0.0263	55	55
Statesboro High School	0.0946	0.0917	0.0517	53	55

Fulton



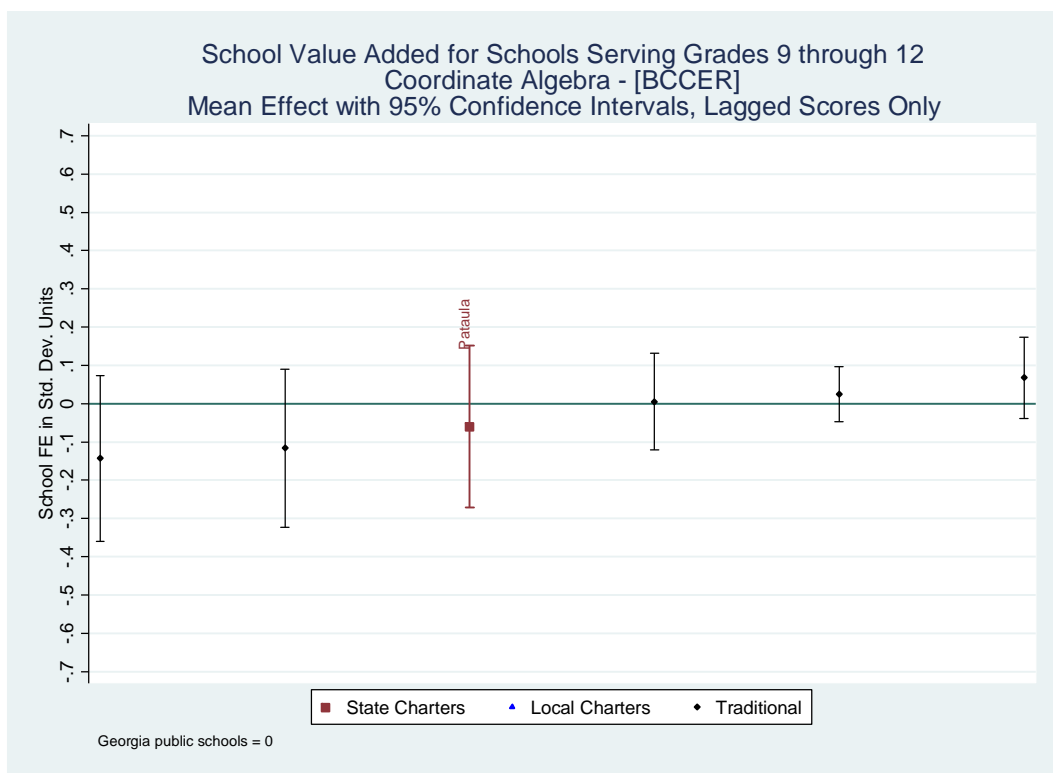
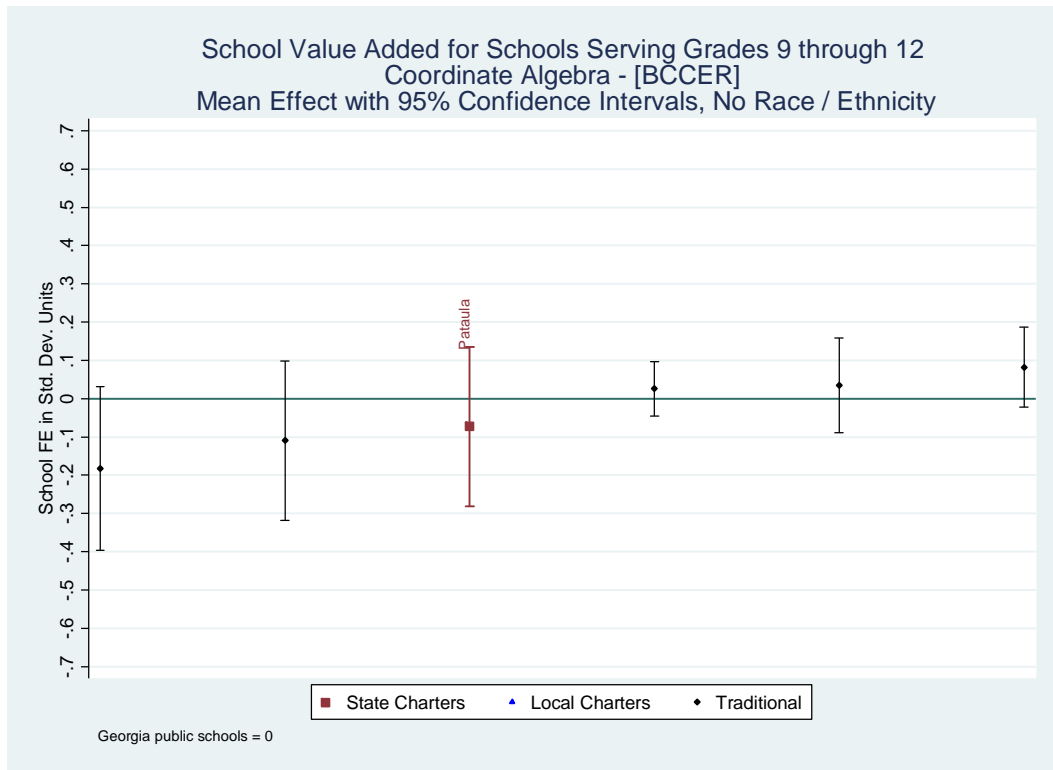
Estimated School Effects - Fulton - Coordinate Algebra					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Alpharetta High School	0.0884	0.0937	0.1175	51	51
Banneker High School	-0.1443	-0.1709	-0.1797	41	38
Cambridge High School	-0.0427	-0.0308	-0.0082	48	48
Centennial High School	-0.0974	-0.0975	-0.0972	46	46
Chattahoochee High School	0.2269	0.2413	0.2734	58	60
Creekside High School	-0.1325	-0.1564	-0.1567	40	39
Fulton Leadership	0.3821	0.3529	0.3573	74	86
Fulton Science Academy High Scho	0.2169	0.2102	0.2290	63	69
Hapeville Charter Career Academy	-0.1167	-0.1424	-0.1340	40	39
Johns Creek High School	0.3658	0.3785	0.4249	65	71
Langston Hughes High School	-0.0859	-0.1142	-0.1093	48	50
McClarín Alternative School	-0.4595	-0.4892	-0.4953	43	39
Milton High School	0.0878	0.0996	0.1338	57	63
North Springs High School	-0.0788	-0.0930	-0.0724	43	41
Northview High School	0.1584	0.1709	0.1866	54	57
Riverwood International Charter	-0.4198	-0.4246	-0.3901	31	21
Roswell High School	0.1359	0.1436	0.1595	58	61
Tri-Cities High School	-0.1706	-0.1927	-0.1911	40	35
Westlake High School	0.0601	0.0290	0.0322	53	53

Gwinnett



Estimated School Effects - Gwinnett - Coordinate Algebra					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Archer High School	-0.0604	-0.0635	-0.0721	38	31
Berkmar High School	-0.1015	-0.1095	-0.1314	41	36
Brookwood High School	0.0027	0.0060	-0.0015	44	43
Central Gwinnett High School	-0.0128	-0.0257	-0.0421	46	43
Collins Hill High School	0.1970	0.1954	0.1816	57	63
Dacula High School	0.1376	0.1333	0.1235	52	55
Duluth High School	-0.0784	-0.0823	-0.0987	42	39
Grayson High School	-0.3435	-0.3494	-0.3555	27	19
GIVE Center East	-0.2645	-0.2806	-0.4160	32	17
Gwinnett School of Mathematics,	0.4365	0.4241	0.4037	62	68
Ivy Prep	0.0922	0.0648	0.0686	50	43
Lanier High School	0.0047	0.0095	-0.0047	48	50
Meadowcreek High School	-0.1916	-0.1998	-0.2255	36	28
Mill Creek High School	-0.0773	-0.0679	-0.0805	42	39
Mountain View High School	-0.1389	-0.1362	-0.1656	39	32
Norcross High School	0.1120	0.1034	0.0883	52	54
North Gwinnett High School	0.0766	0.0899	0.0742	47	47
Parkview High School	-0.0412	-0.0348	-0.0257	44	41
Peachtree Ridge High School	0.2074	0.2098	0.2276	57	61
Shiloh High School	-0.1496	-0.1743	-0.1930	36	30
South Gwinnett High School	-0.0438	-0.0679	-0.0936	46	43

Baker Calhoun, Clay, Early and Randolph (BCCER)

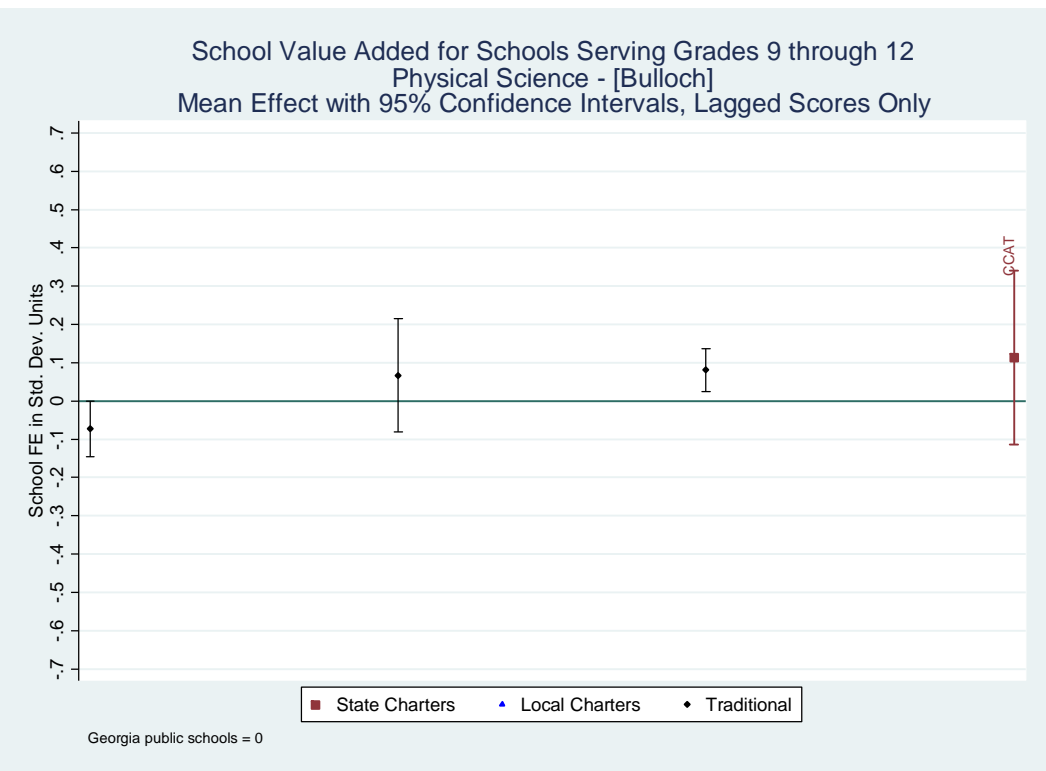
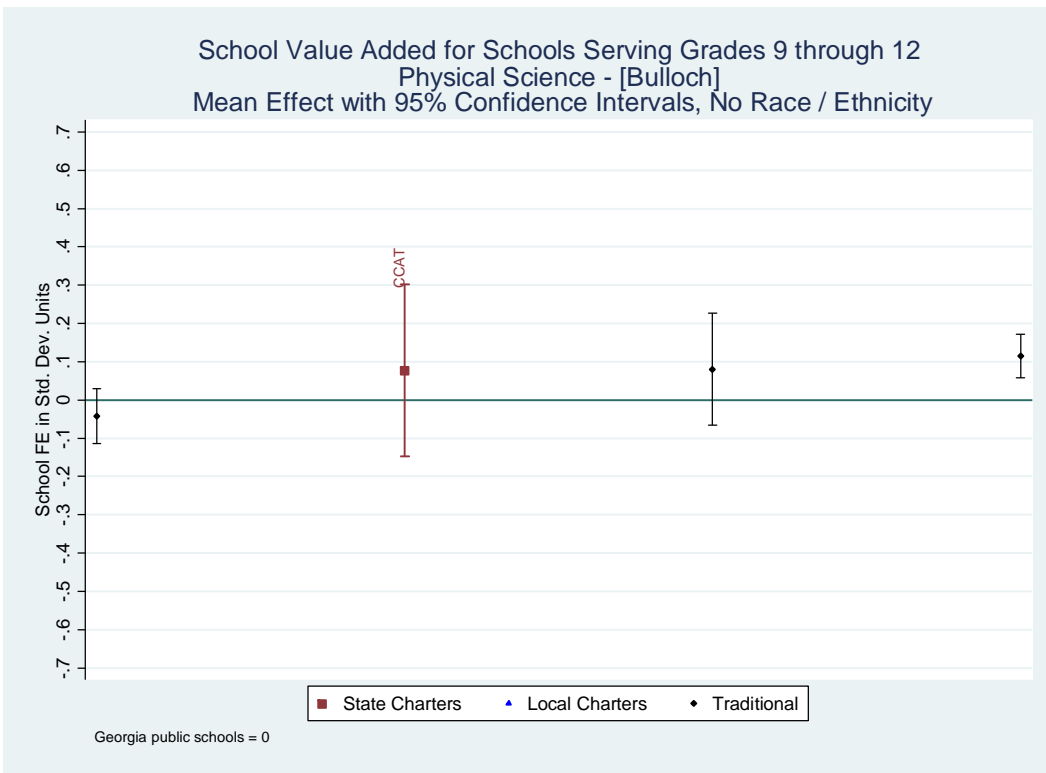




Estimated School Effects - BCCER - Coordinate Algebra					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Baker County K12 School	-0.1464	-0.1827	-0.1430	38	20
Calhoun County High School	0.0598	0.0350	0.0055	48	40
Clay County 9th Grade Academy Sc	-0.0909	-0.1093	-0.1163	43	37
Early County High School	0.0380	0.0260	0.0252	48	51
Pataula	-0.1156	-0.0725	-0.0599	54	57
Randolph Clay High School	0.1046	0.0823	0.0674	56	64

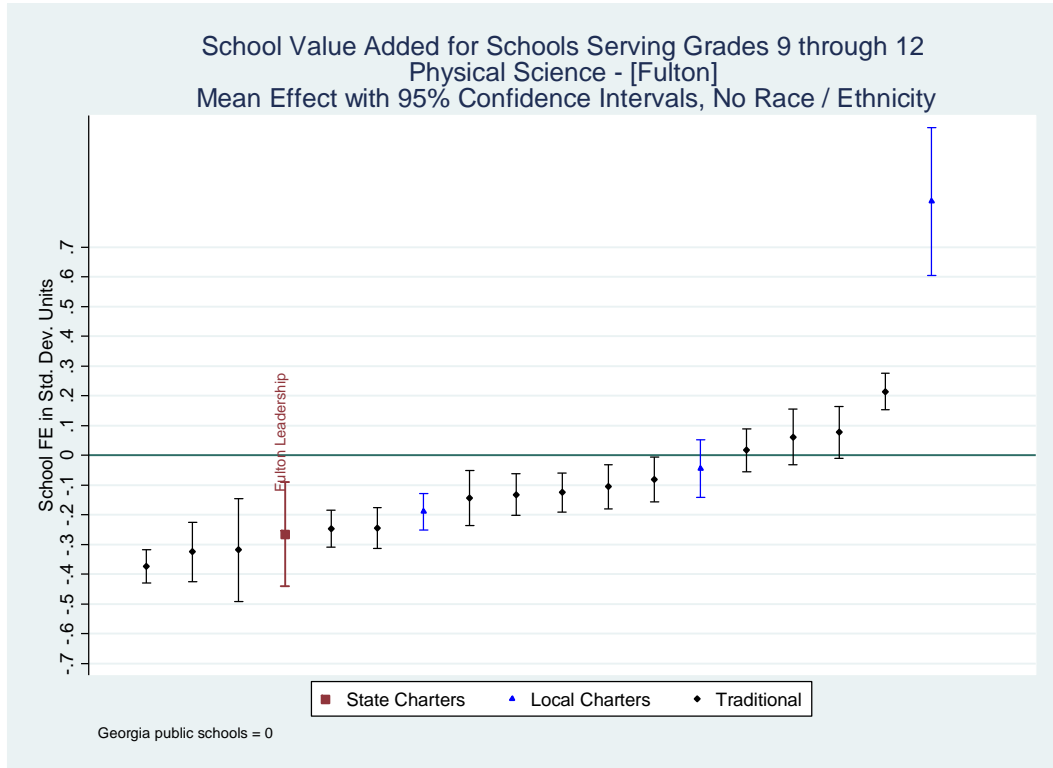
*Schools Serving Grades 9 through 12 – Physical Science*

Bulloch



Estimated School Effects - Bulloch - Physical Science					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
CCAT	0.0425	0.0774	0.1126	50	52
New Southeast Bulloch High School	-0.0839	-0.0427	-0.0726	47	47
Portal Middle/High School	0.0655	0.0805	0.0672	50	54
Statesboro High School	0.1178	0.1148	0.0811	55	59

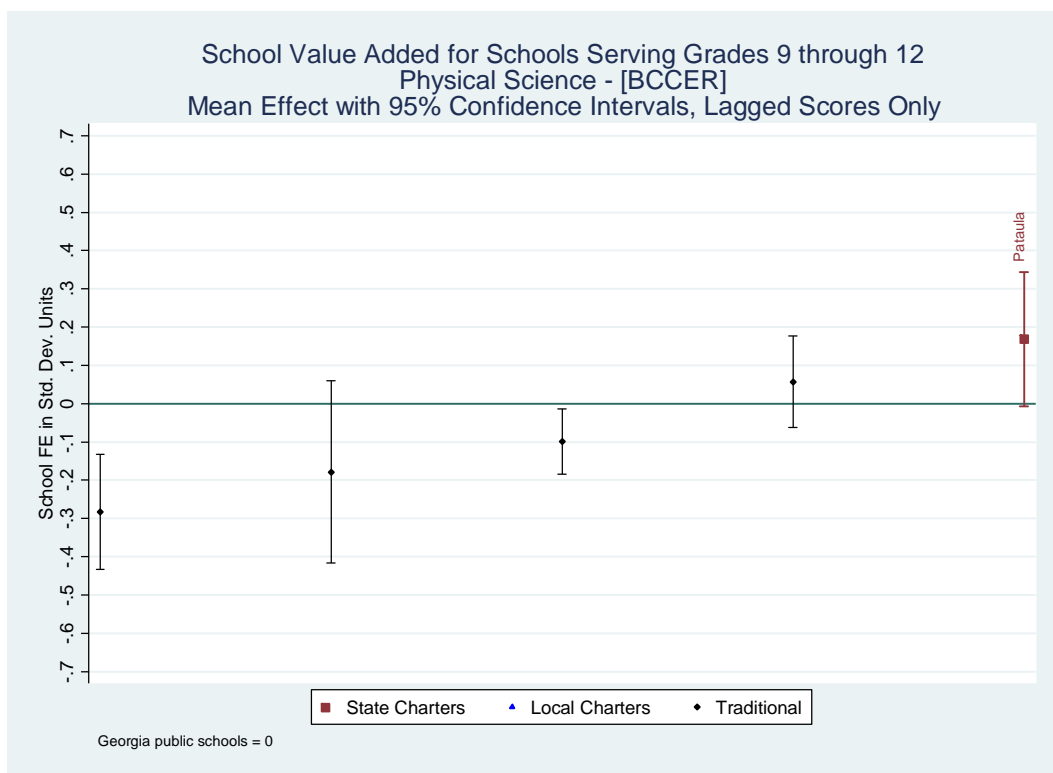
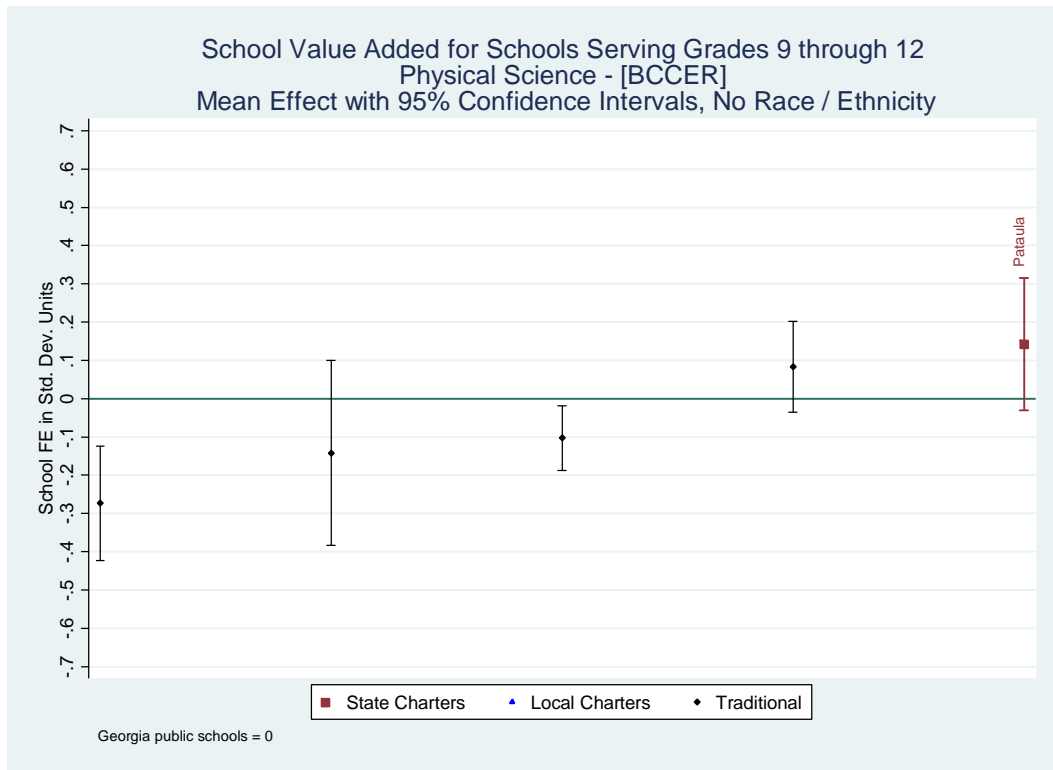
Fulton





Estimated School Effects - Fulton - Physical Science					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Alpharetta High School	-0.1348	-0.1427	-0.1212	47	45
Banneker High School	-0.0856	-0.1324	-0.1262	46	46
Cambridge High School	-0.1251	-0.1057	-0.0734	44	39
Centennial High School	-0.1303	-0.1251	-0.1164	49	49
Chattahoochee High School	-0.0628	-0.0444	-0.0149	43	42
Creekside High School	-0.2094	-0.2470	-0.2507	36	28
Fulton Leadership	-0.2165	-0.2657	-0.2069	34	19
Fulton Science Academy High Scho	0.8295	0.8542	0.8608	75	81
Hapeville Charter Career Academy	-0.1470	-0.1891	-0.1645	40	36
Johns Creek High School	0.0438	0.0613	0.0930	51	53
Langston Hughes High School	-0.3309	-0.3736	-0.3580	28	21
McClarín Alternative School	-0.2632	-0.3181	-0.3933	36	29
Milton High School	-0.0006	0.0175	0.0499	40	33
Northview High School	0.0614	0.0776	0.1120	54	61
Riverwood International Charter	-0.3216	-0.3251	-0.3020	39	33
Roswell High School	-0.0855	-0.0806	-0.0563	44	41
Tri-Cities High School	-0.2113	-0.2443	-0.2316	41	37
Westlake High School	0.2648	0.2138	0.2358	63	70

Baker Calhoun, Clay, Early and Randolph (BCCER)

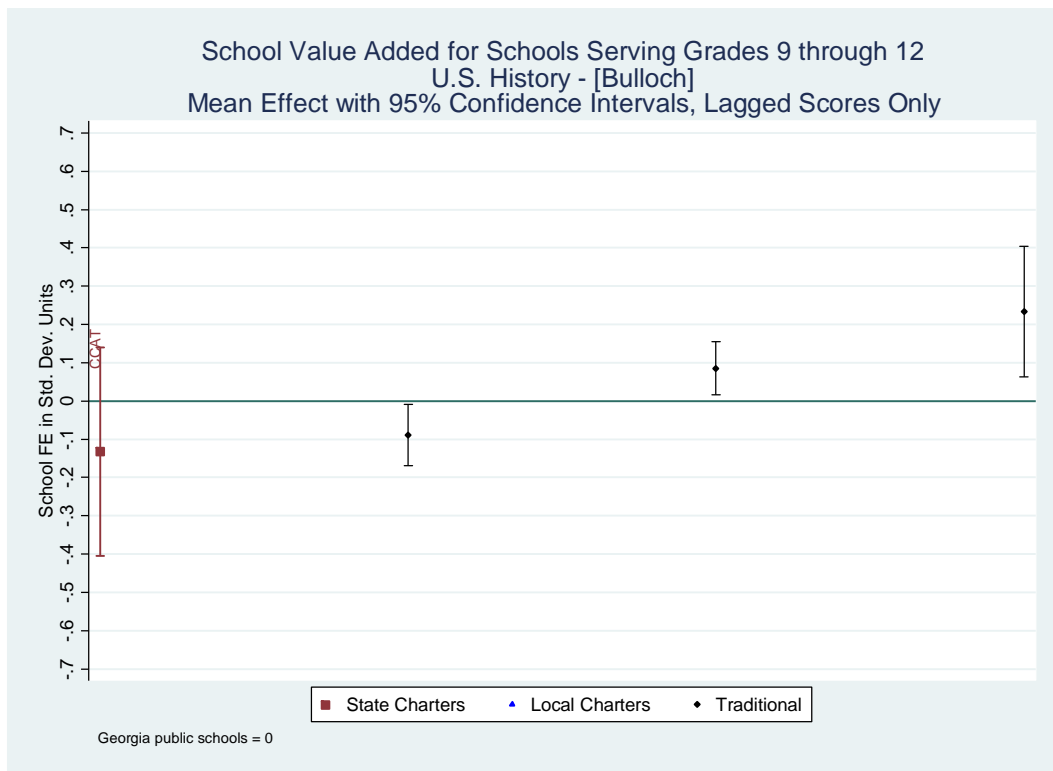
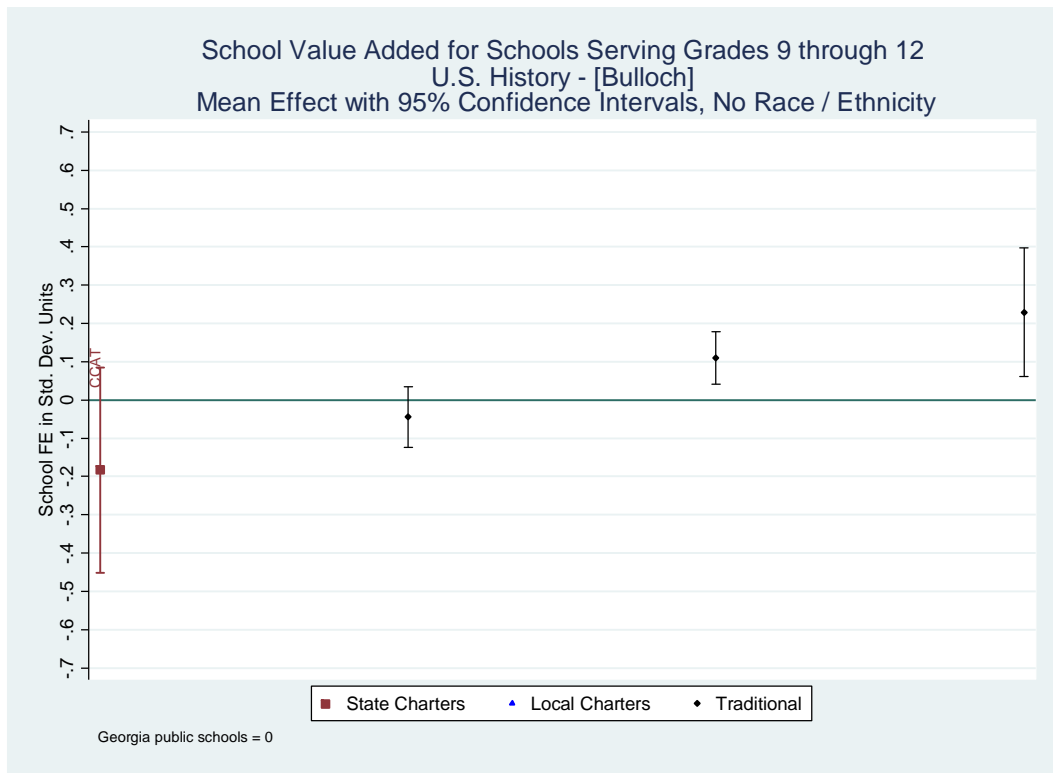


Estimated School Effects - BCCER - Physical Science					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
Calhoun County High School	-0.2347	-0.2732	-0.2827	31	28
Clay County 9th Grade Academy Sc	-0.1136	-0.1418	-0.1786	41	45
Early County High School	-0.0858	-0.1026	-0.0990	48	49
Pataula	0.1011	0.1426	0.1690	50	46
Randolph Clay High School	0.1182	0.0834	0.0573	54	56



*Schools Serving Grades 9 through 12 – U.S. History*

Bulloch



Estimated School Effects - Bulloch - U.S. History					
School Name	School Effect - All Controls	School Effect - No Race / Ethnicity	School Effect - Lagged Scores Only	Mean SGP	Median SGP
CCAT	-0.1956	-0.1831	-0.1319	52	58
New Southeast Bulloch High School	-0.0592	-0.0441	-0.0889	43	40
Portal Middle/High School	0.2295	0.2294	0.2334	66	65
Statesboro High School	0.1133	0.1101	0.0855	52	53