

Table 1: Verbal Similarities IV Results (Data V2)

VERBAL SIMILARITIES Z-SCORE	2+			3+			4+		
	Base	+H	+S&H	Base	+H	+S&H	Base	+H	+S&H
<b>All IncludeMissing</b>									
Fertility	-0.199 (0.181)	-0.223 (0.181)	-0.251 (0.190)	-0.264 (0.213)	-0.270 (0.211)	-0.176 (0.207)	-0.229 (0.326)	-0.278 (0.338)	-0.231 (0.327)
Observations	3,664	3,664	3,664	2,793	2,793	2,793	1,325	1,325	1,325
<b>All OmitMissing</b>									
Fertility	-0.0873 (0.140)	-0.102 (0.141)	-0.0723 (0.149)	-0.257 (0.187)	-0.264 (0.182)	-0.178 (0.179)	-0.558 (0.407)	-0.537 (0.415)	-0.456 (0.386)
Observations	3,184	3,184	3,184	2,279	2,279	2,279	946	946	946
<b>Girls IncludeMissing</b>									
Fertility	-0.517* (0.265)	-0.522** (0.260)	-0.573** (0.282)	-0.959** (0.395)	-0.894** (0.399)	-0.827** (0.415)	-0.155 (0.307)	-0.190 (0.337)	-0.199 (0.351)
Observations	1,796	1,796	1,796	1,365	1,365	1,365	654	654	654
<b>Girls OmitMissing</b>									
Fertility	-0.379** (0.171)	-0.382** (0.164)	-0.357** (0.170)	-0.689*** (0.262)	-0.635** (0.252)	-0.592** (0.257)	-0.338 (0.388)	-0.300 (0.430)	-0.339 (0.453)
Observations	1,556	1,556	1,556	1,097	1,097	1,097	445	445	445
<b>Boys IncludeMissing</b>									
Fertility	0.197 (0.262)	0.148 (0.255)	0.133 (0.256)	0.0766 (0.208)	0.0109 (0.210)	0.0749 (0.218)	-0.670 (0.560)	-0.686 (0.562)	-0.669 (0.536)
Observations	1,868	1,868	1,868	1,428	1,428	1,428	671	671	671
<b>Boys OmitMissing</b>									
Fertility	0.233 (0.262)	0.195 (0.261)	0.253 (0.269)	0.0173 (0.217)	-0.0371 (0.222)	0.0883 (0.238)	-0.824* (0.459)	-0.763* (0.451)	-0.687 (0.419)
Observations	1,628	1,628	1,628	1,182	1,182	1,182	501	501	501

NOTES: The two plus subsample refers to all first born children in families with at least two births. Three plus refers to first- and second-borns in families with at least three births, etc

Table 2: Number Skills IV Results (DataV2)

NUMBER SKILLS Z-SCORE	2+			3+			4+		
	Base	+H	+S&H	Base	+H	+S&H	Base	+H	+S&H
<b>All IncludeMissing</b>									
Fertility	-0.145 (0.279)	-0.152 (0.276)	-0.189 (0.278)	-0.577*** (0.199)	-0.592*** (0.202)	-0.536*** (0.204)	-0.107 (0.314)	-0.158 (0.374)	-0.182 (0.371)
Observations	3,394	3,394	3,394	2,561	2,561	2,561	1,177	1,177	1,177
<b>All OmitMissing</b>									
Fertility	0.0152 (0.169)	0.0127 (0.167)	0.0471 (0.180)	-0.501*** (0.169)	-0.499*** (0.170)	-0.455** (0.183)	-0.352 (0.462)	-0.303 (0.520)	-0.285 (0.516)
Observations	2,990	2,990	2,990	2,122	2,122	2,122	851	851	851
<b>Girls IncludeMissing</b>									
Fertility	-0.621 (0.479)	-0.617 (0.472)	-0.656 (0.442)	-1.225*** (0.443)	-1.145*** (0.395)	-1.074*** (0.400)	0.0833 (0.195)	0.105 (0.258)	0.175 (0.312)
Observations	1,686	1,686	1,686	1,268	1,268	1,268	581	581	581
<b>Girls OmitMissing</b>									
Fertility	-0.188 (0.174)	-0.177 (0.172)	-0.186 (0.183)	-0.831*** (0.183)	-0.793*** (0.190)	-0.793*** (0.219)	-0.0261 (0.301)	0.151 (0.332)	0.367 (0.427)
Observations	1,476	1,476	1,476	1,032	1,032	1,032	401	401	401
<b>Boys IncludeMissing</b>									
Fertility	0.205 (0.321)	0.184 (0.308)	0.243 (0.316)	-0.167 (0.197)	-0.208 (0.201)	-0.166 (0.236)	-0.857 (0.589)	-0.980 (0.622)	-1.103* (0.593)
Observations	1,708	1,708	1,708	1,293	1,293	1,293	596	596	596
<b>Boys OmitMissing</b>									
Fertility	0.162 (0.314)	0.149 (0.306)	0.281 (0.324)	-0.232 (0.206)	-0.247 (0.209)	-0.178 (0.226)	-0.845 (0.602)	-0.850 (0.571)	-0.855 (0.561)
Observations	1,514	1,514	1,514	1,090	1,090	1,090	450	450	450

NOTES: The two plus subsample refers to all first born children in families with at least two births. Three plus refers to first- and second-borns in families with at least three births, etc

Table 3: Word Reading IV Results (DataV2)

WORD READING Z-SCORE	2+			3+			4+		
	Base	+H	+S&H	Base	+H	+S&H	Base	+H	+S&H
<b>All IncludeMissing</b>									
Fertility	0.117 (0.258)	0.101 (0.249)	0.0563 (0.254)	-0.262 (0.199)	-0.258 (0.196)	-0.172 (0.198)	-0.653** (0.315)	-0.725** (0.369)	-0.691* (0.356)
Observations	3,352	3,352	3,352	2,524	2,524	2,524	1,162	1,162	1,162
<b>All OmitMissing</b>									
Fertility	0.125 (0.223)	0.109 (0.218)	0.135 (0.230)	-0.143 (0.169)	-0.138 (0.166)	-0.0633 (0.170)	-0.756 (0.487)	-0.714 (0.547)	-0.619 (0.503)
Observations	2,949	2,949	2,949	2,087	2,087	2,087	840	840	840
<b>Girls IncludeMissing</b>									
Fertility	0.0216 (0.331)	-0.0120 (0.330)	-0.0594 (0.327)	-0.357 (0.493)	-0.222 (0.438)	-0.115 (0.423)	-0.524* (0.295)	-0.575 (0.370)	-0.571 (0.427)
Observations	1,664	1,664	1,664	1,251	1,251	1,251	571	571	571
<b>Girls OmitMissing</b>									
Fertility	0.0334 (0.246)	0.0434 (0.242)	0.0445 (0.242)	0.0479 (0.253)	0.108 (0.225)	0.186 (0.202)	-0.395 (0.408)	-0.233 (0.530)	-0.0863 (0.599)
Observations	1,455	1,455	1,455	1,017	1,017	1,017	393	393	393
<b>Boys IncludeMissing</b>									
Fertility	0.372 (0.444)	0.320 (0.408)	0.286 (0.413)	-0.191 (0.177)	-0.252 (0.177)	-0.197 (0.207)	-1.183*** (0.312)	-1.283*** (0.338)	-1.308*** (0.274)
Observations	1,688	1,688	1,688	1,273	1,273	1,273	591	591	591
<b>Boys OmitMissing</b>									
Fertility	0.381 (0.433)	0.345 (0.419)	0.444 (0.450)	-0.220 (0.189)	-0.262 (0.189)	-0.181 (0.219)	-1.084*** (0.359)	-1.183*** (0.340)	-1.137*** (0.294)
Observations	1,494	1,494	1,494	1,070	1,070	1,070	447	447	447

NOTES: The two plus subsample refers to all first born children in families with at least two births. Three plus refers to first- and second-borns in families with at least three births, etc

Table 4: Pattern Construction IV Results (DataV2)

PATTERN CONSTRUCTION Z-SCORE	2+			3+			4+		
	Base	+H	+S&H	Base	+H	+S&H	Base	+H	+S&H
<b>All IncludeMissing</b>									
Fertility	-0.703 (0.457)	-0.710 (0.457)	-0.781* (0.458)	0.182 (0.209)	0.175 (0.219)	0.240 (0.246)	-0.492 (0.399)	-0.623 (0.440)	-0.587 (0.444)
Observations	3,384	3,384	3,384	2,550	2,550	2,550	1,171	1,171	1,171
<b>All OmitMissing</b>									
Fertility	-0.232 (0.151)	-0.236 (0.152)	-0.227 (0.160)	0.0284 (0.139)	0.0185 (0.136)	0.0644 (0.126)	-0.954* (0.499)	-1.051** (0.536)	-1.005* (0.517)
Observations	2,980	2,980	2,980	2,111	2,111	2,111	846	846	846
<b>Girls IncludeMissing</b>									
Fertility	-1.400 (0.866)	-1.369 (0.838)	-1.423* (0.808)	0.262 (0.535)	0.378 (0.608)	0.478 (0.688)	-0.665* (0.358)	-0.842** (0.427)	-0.801 (0.531)
Observations	1,680	1,680	1,680	1,263	1,263	1,263	576	576	576
<b>Girls OmitMissing</b>									
Fertility	-0.383* (0.213)	-0.360* (0.210)	-0.376* (0.221)	-0.0777 (0.197)	-0.00720 (0.178)	0.0492 (0.171)	-1.382*** (0.396)	-1.540*** (0.484)	-1.583** (0.643)
Observations	1,471	1,471	1,471	1,028	1,028	1,028	397	397	397
<b>Boys IncludeMissing</b>									
Fertility	-0.00577 (0.258)	-0.0601 (0.257)	-0.0736 (0.258)	0.183 (0.168)	0.139 (0.182)	0.164 (0.158)	0.0692 (0.401)	-0.0528 (0.360)	-0.0904 (0.342)
Observations	1,704	1,704	1,704	1,287	1,287	1,287	595	595	595
<b>Boys OmitMissing</b>									
Fertility	-0.0390 (0.254)	-0.0839 (0.257)	-0.0206 (0.279)	0.129 (0.193)	0.0711 (0.197)	0.141 (0.174)	-0.0577 (0.418)	-0.172 (0.388)	-0.228 (0.342)
Observations	1,509	1,509	1,509	1,083	1,083	1,083	449	449	449

NOTES: The two plus subsample refers to all first born children in families with at least two births. Three plus refers to first- and second-borns in families with at least three births, etc

Table 5: Help Reading Freq IV Results (DataV2)

HELP READING FREQ Z-SCORE	2+			3+			4+		
	Base	+H	+S&H	Base	+H	+S&H	Base	+H	+S&H
<b>All IncludeMissing</b>									
Fertility	-0.0916 (0.220)	-0.0968 (0.222)	-0.117 (0.222)	-0.178 (0.235)	-0.175 (0.236)	-0.192 (0.246)	0.190 (0.338)	0.173 (0.364)	0.200 (0.368)
Observations	3,448	3,448	3,448	2,608	2,608	2,608	1,207	1,207	1,207
<b>All OmitMissing</b>									
Fertility	-0.00727 (0.189)	-0.00388 (0.193)	-0.0111 (0.197)	-0.0281 (0.190)	-0.0312 (0.191)	-0.0221 (0.194)	-0.0598 (0.431)	-0.0914 (0.448)	-0.126 (0.418)
Observations	3,032	3,032	3,032	2,152	2,152	2,152	868	868	868
<b>Girls IncludeMissing</b>									
Fertility	-0.152 (0.309)	-0.173 (0.301)	-0.198 (0.297)	-0.531 (0.569)	-0.533 (0.583)	-0.566 (0.640)	0.516* (0.289)	0.572* (0.326)	0.654* (0.377)
Observations	1,704	1,704	1,704	1,284	1,284	1,284	588	588	588
<b>Girls OmitMissing</b>									
Fertility	-0.00585 (0.256)	-0.0230 (0.252)	-0.0202 (0.250)	-0.0327 (0.306)	-0.0437 (0.317)	-0.0162 (0.322)	0.505 (0.321)	0.607* (0.359)	0.543 (0.408)
Observations	1,490	1,490	1,490	1,042	1,042	1,042	404	404	404
<b>Boys IncludeMissing</b>									
Fertility	0.134 (0.293)	0.161 (0.305)	0.170 (0.313)	0.121 (0.232)	0.130 (0.220)	0.0861 (0.220)	-0.422 (0.380)	-0.314 (0.405)	-0.694** (0.325)
Observations	1,744	1,744	1,744	1,324	1,324	1,324	619	619	619
<b>Boys OmitMissing</b>									
Fertility	0.0679 (0.289)	0.101 (0.309)	0.161 (0.321)	0.100 (0.258)	0.118 (0.249)	0.0800 (0.251)	-0.883** (0.363)	-0.897** (0.370)	-0.868** (0.365)
Observations	1,542	1,542	1,542	1,110	1,110	1,110	464	464	464

NOTES: The two plus subsample refers to all first born children in families with at least two births. Three plus refers to first- and second-borns in families with at least three births, etc

Table 6: Help Writing Freq IV Results (DataV2)

HELP WRITING FREQ Z-SCORE		2+		3+		4+			
		Base	+H	+S&H	Base	+H	Base	+H	+S&H
All IncludeMissing	Fertility	-0.253 (0.252)	-0.262 (0.246)	-0.255 (0.250)	-0.129 (0.251)	-0.143 (0.258)	-0.456** (0.193)	-0.526** (0.211)	-0.543*** (0.208)
	Observations	3,448	3,448	3,448	2,608	2,608	1,207	1,207	1,207
All OmitMissing	Fertility	-0.145 (0.182)	-0.153 (0.182)	-0.158 (0.182)	-0.0235 (0.193)	-0.0408 (0.201)	-0.248 (0.234)	-0.320 (0.249)	-0.351 (0.230)
	Observations	3,032	3,032	3,032	2,152	2,152	868	868	868
Girls IncludeMissing	Fertility	-0.685* (0.371)	-0.694** (0.344)	-0.688** (0.348)	-0.589 (0.551)	-0.615 (0.584)	-0.510*** (0.185)	-0.610*** (0.235)	-0.736*** (0.268)
	Observations	1,704	1,704	1,704	1,284	1,284	588	588	588
Girls OmitMissing	Fertility	-0.446** (0.180)	-0.472*** (0.173)	-0.472*** (0.172)	-0.0970 (0.169)	-0.104 (0.184)	-0.258 (0.191)	-0.429* (0.260)	-0.609* (0.321)
	Observations	1,490	1,490	1,490	1,042	1,042	404	404	404
Boys IncludeMissing	Fertility	0.224 (0.346)	0.233 (0.331)	0.249 (0.345)	0.106 (0.244)	0.0899 (0.256)	-0.0968 (0.505)	-0.0269 (0.466)	-0.217 (0.449)
	Observations	1,744	1,744	1,744	1,324	1,324	619	619	619
Boys OmitMissing	Fertility	0.114 (0.346)	0.128 (0.331)	0.168 (0.351)	0.0743 (0.265)	0.0520 (0.278)	-0.161 (0.491)	-0.113 (0.444)	-0.0989 (0.429)
	Observations	1,542	1,542	1,542	1,110	1,110	464	464	464

NOTES: The two plus subsample refers to all first born children in families with at least two births. Three plus refers to first- and second-borns in families with at least three births, etc

Table 7: Proactive School Selection IV Results (DataV2)

PROACTIVE SCHOOL SELECTION Z-SCORE	2+			3+			4+		
	Base	+H	+S&H	Base	+H	+S&H	Base	+H	+S&H
<b>All IncludeMissing</b>									
Fertility	0.292 (0.281)	0.292 (0.275)	0.335 (0.281)	-0.00981 (0.295)	0.00456 (0.302)	0.0413 (0.309)	-0.250 (0.333)	-0.229 (0.349)	-0.162 (0.342)
Observations	3,448	3,448	3,448	2,608	2,608	2,608	1,207	1,207	1,207
<b>All OmitMissing</b>									
Fertility	0.395 (0.285)	0.406 (0.282)	0.454 (0.289)	0.0713 (0.278)	0.0825 (0.282)	0.114 (0.295)	-0.174 (0.491)	-0.177 (0.502)	-0.0972 (0.471)
Observations	3,032	3,032	3,032	2,152	2,152	2,152	868	868	868
<b>Girls IncludeMissing</b>									
Fertility	0.279 (0.391)	0.279 (0.378)	0.274 (0.398)	0.229 (0.668)	0.248 (0.691)	0.411 (0.697)	-0.512** (0.218)	-0.615** (0.268)	-0.745** (0.342)
Observations	1,704	1,704	1,704	1,284	1,284	1,284	588	588	588
<b>Girls OmitMissing</b>									
Fertility	0.341 (0.394)	0.354 (0.393)	0.399 (0.400)	0.361 (0.530)	0.374 (0.543)	0.461 (0.569)	-0.638** (0.300)	-0.616 (0.397)	-0.715 (0.455)
Observations	1,490	1,490	1,490	1,042	1,042	1,042	404	404	404
<b>Boys IncludeMissing</b>									
Fertility	0.442 (0.432)	0.441 (0.418)	0.474 (0.418)	-0.167 (0.228)	-0.151 (0.218)	-0.163 (0.225)	1.087** (0.466)	1.118** (0.460)	0.925** (0.449)
Observations	1,744	1,744	1,744	1,324	1,324	1,324	619	619	619
<b>Boys OmitMissing</b>									
Fertility	0.515 (0.449)	0.519 (0.438)	0.572 (0.449)	-0.128 (0.249)	-0.106 (0.236)	-0.106 (0.249)	0.937* (0.491)	0.821* (0.440)	0.761* (0.390)
Observations	1,542	1,542	1,542	1,110	1,110	1,110	464	464	464

NOTES: The two plus subsample refers to all first born children in families with at least two births. Three plus refers to first- and second-borns in families with at least three births, etc

Table 8: Verbal Similarities IV Results (Data V1)

VERBAL SIMILARITIES Z-SCORE	2+			3+			4+		
	Base	+H	+S&H	Base	+H	+S&H	Base	+H	+S&H
<b>All IncludeMissing</b>									
Fertility	0.00968 (0.138)	-0.0156 (0.140)	0.00787 (0.150)	-0.126 (0.234)	-0.134 (0.235)	-0.0620 (0.251)	-0.256 (0.226)	-0.254 (0.236)	-0.272 (0.218)
Observations	4,579	4,579	4,579	3,437	3,437	3,437	1,581	1,581	1,581
<b>All OmitMissing</b>									
Fertility	-0.0756 (0.141)	-0.0716 (0.141)	-0.00833 (0.151)	-0.412** (0.206)	-0.436** (0.201)	-0.403** (0.191)	-0.369 (0.271)	-0.366 (0.276)	-0.336 (0.251)
Observations	2,393	2,393	2,393	2,372	2,372	2,372	1,048	1,048	1,048
<b>Girls IncludeMissing</b>									
Fertility	-0.162 (0.209)	-0.210 (0.217)	-0.192 (0.242)	-0.531* (0.305)	-0.474 (0.308)	-0.442 (0.318)	-0.358 (0.263)	-0.282 (0.275)	-0.349 (0.271)
Observations	2,249	2,249	2,249	1,677	1,677	1,677	779	779	779
<b>Girls OmitMissing</b>									
Fertility	-0.234 (0.229)	-0.231 (0.223)	-0.143 (0.248)	-0.462 (0.289)	-0.449* (0.270)	-0.454* (0.275)	-0.397 (0.334)	-0.426 (0.338)	-0.443 (0.340)
Observations	1,142	1,142	1,142	1,145	1,145	1,145	490	490	490
<b>Boys IncludeMissing</b>									
Fertility	0.225 (0.205)	0.202 (0.198)	0.246 (0.208)	0.294 (0.287)	0.183 (0.311)	0.275 (0.300)	-0.128 (0.296)	-0.116 (0.306)	-0.207 (0.276)
Observations	2,330	2,330	2,330	1,760	1,760	1,760	802	802	802
<b>Boys OmitMissing</b>									
Fertility	0.0623 (0.192)	0.0607 (0.190)	0.140 (0.188)	-0.378 (0.330)	-0.471 (0.320)	-0.339 (0.285)	-0.0780 (0.318)	-0.0579 (0.338)	-0.0995 (0.298)
Observations	1,251	1,251	1,251	1,227	1,227	1,227	558	558	558

NOTES: The two plus subsample refers to all first born children in families with at least two births. Three plus refers to first- and second-borns in families with at least three births, etc



Table 9: Number Skills IV Results (DataV1)

NUMBER SKILLS Z-SCORE	2+			3+			4+		
	Base	+H	+S&H	Base	+H	+S&H	Base	+H	+S&H
<b>All IncludeMissing</b>									
Fertility	-0.141 (0.225)	-0.149 (0.224)	-0.124 (0.225)	-0.348* (0.206)	-0.371* (0.210)	-0.309 (0.228)	-0.0378 (0.168)	-0.00732 (0.162)	-0.0260 (0.146)
Observations	4,247	4,247	4,247	3,157	3,157	3,157	1,407	1,407	1,407
<b>All OmitMissing</b>									
Fertility	-0.131 (0.133)	-0.117 (0.134)	-0.0580 (0.143)	-0.589*** (0.192)	-0.594*** (0.192)	-0.554** (0.219)	-0.0536 (0.180)	-0.0446 (0.190)	-0.0459 (0.184)
Observations	2,246	2,246	2,246	2,213	2,213	2,213	940	940	940
<b>Girls IncludeMissing</b>									
Fertility	-0.488 (0.425)	-0.504 (0.427)	-0.484 (0.427)	-0.780** (0.326)	-0.754** (0.318)	-0.734** (0.320)	0.0813 (0.241)	0.133 (0.226)	0.115 (0.238)
Observations	2,110	2,110	2,110	1,559	1,559	1,559	697	697	697
<b>Girls OmitMissing</b>									
Fertility	-0.213 (0.190)	-0.205 (0.190)	-0.169 (0.201)	-0.727*** (0.281)	-0.713** (0.278)	-0.743** (0.313)	-0.0141 (0.271)	0.00910 (0.281)	0.0458 (0.311)
Observations	1,081	1,081	1,081	1,079	1,079	1,079	440	440	440
<b>Boys IncludeMissing</b>									
Fertility	0.0992 (0.236)	0.0907 (0.229)	0.135 (0.242)	0.116 (0.280)	0.0691 (0.294)	0.174 (0.282)	0.136 (0.218)	0.135 (0.207)	0.0205 (0.216)
Observations	2,137	2,137	2,137	1,598	1,598	1,598	710	710	710
<b>Boys OmitMissing</b>									
Fertility	-0.0307 (0.149)	-0.0167 (0.146)	0.000847 (0.157)	-0.409* (0.235)	-0.436* (0.238)	-0.208 (0.252)	0.194 (0.259)	0.215 (0.265)	0.219 (0.277)
Observations	1,165	1,165	1,165	1,134	1,134	1,134	500	500	500

NOTES: The two plus subsample refers to all first born children in families with at least two births. Three plus refers to first- and second-borns in families with at least three births, etc

Table 10: Word Reading IV Results (DataV1)

WORD READING Z-SCORE	2+			3+			4+	
	Base	+H	+S&H	Base	+H	+S&H	Base	+H
<b>All IncludeMissing</b>								
Fertility	-0.0266 (0.157)	-0.0413 (0.152)	-0.0194 (0.157)	-0.155 (0.232)	-0.171 (0.233)	-0.120 (0.227)	-0.587** (0.290)	-0.555* (0.286)
Observations	4,190	4,190	4,190	3,110	3,110	3,110	1,390	1,390
<b>All OmitMissing</b>								
Fertility	-0.0157 (0.156)	0.00528 (0.150)	0.0662 (0.157)	-0.134 (0.201)	-0.153 (0.199)	-0.107 (0.185)	-0.588* (0.352)	-0.557* (0.331)
Observations	2,214	2,214	2,214	2,180	2,180	2,180	929	929
<b>Girls IncludeMissing</b>								
Fertility	0.0477 (0.240)	0.0120 (0.245)	0.0624 (0.247)	-0.234 (0.388)	-0.152 (0.360)	-0.138 (0.350)	-0.769*** (0.294)	-0.705*** (0.254)
Observations	2,081	2,081	2,081	1,538	1,538	1,538	685	685
<b>Girls OmitMissing</b>								
Fertility	0.233 (0.232)	0.250 (0.226)	0.337 (0.235)	0.0446 (0.257)	0.0613 (0.232)	0.0676 (0.223)	-0.643*** (0.248)	-0.586** (0.244)
Observations	1,064	1,064	1,064	1,066	1,066	1,066	432	432
<b>Boys IncludeMissing</b>								
Fertility	-0.0269 (0.199)	-0.0507 (0.188)	-0.0409 (0.192)	-0.178 (0.272)	-0.325 (0.302)	-0.264 (0.315)	-0.406 (0.371)	-0.334 (0.361)
Observations	2,109	2,109	2,109	1,572	1,572	1,572	705	705
<b>Boys OmitMissing</b>								
Fertility	-0.226* (0.135)	-0.203 (0.135)	-0.168 (0.152)	-0.550** (0.248)	-0.678** (0.268)	-0.525 (0.335)	-0.335 (0.473)	-0.286 (0.473)
Observations	1,150	1,150	1,150	1,114	1,114	1,114	497	497

NOTES: The two plus subsample refers to all first born children in families with at least two births. Three plus refers to first- and second-borns in families with at least three births, etc

Table 11: Pattern Construction IV Results (DataV1)

PATTERN CONSTRUCTION	2+			3+			4+			
	Z-SCORE	Base	+H	+S&H	Base	+H	+S&H	Base	+H	+S&H
All IncludeMissing										
	Fertility	-0.504 (0.396)	-0.512 (0.394)	-0.518 (0.401)	0.259 (0.274)	0.236 (0.292)	0.302 (0.340)	-0.161 (0.384)	-0.153 (0.421)	-0.151 (0.420)
	Observations	4,233	4,233	4,233	3,141	3,141	3,141	1,401	1,401	1,401
All OmitMissing										
	Fertility	-0.337** (0.169)	-0.331** (0.168)	-0.293* (0.173)	-0.0936 (0.158)	-0.129 (0.158)	-0.109 (0.148)	-0.552 (0.437)	-0.562 (0.468)	-0.563 (0.446)
	Observations	2,233	2,233	2,233	2,200	2,200	2,200	937	937	937
Girls IncludeMissing										
	Fertility	-1.073 (0.872)	-1.053 (0.836)	-1.067 (0.865)	0.305 (0.466)	0.375 (0.552)	0.397 (0.599)	-0.217 (0.438)	-0.186 (0.476)	-0.150 (0.470)
	Observations	2,103	2,103	2,103	1,553	1,553	1,553	691	691	691
Girls OmitMissing										
	Fertility	-0.353 (0.238)	-0.297 (0.238)	-0.268 (0.247)	-0.0354 (0.204)	-0.0200 (0.183)	-0.0132 (0.191)	-0.823** (0.351)	-0.874** (0.384)	-0.922** (0.406)
	Observations	1,074	1,074	1,074	1,076	1,076	1,076	437	437	437
Boys IncludeMissing										
	Fertility	-0.0564 (0.187)	-0.0785 (0.186)	-0.0837 (0.195)	0.201 (0.269)	0.150 (0.281)	0.219 (0.258)	0.121 (0.272)	0.112 (0.265)	0.0407 (0.311)
	Observations	2,130	2,130	2,130	1,588	1,588	1,588	710	710	710
Boys OmitMissing										
	Fertility	-0.349 (0.231)	-0.373* (0.220)	-0.335 (0.215)	-0.238 (0.330)	-0.343 (0.325)	-0.223 (0.273)	0.0691 (0.367)	0.105 (0.376)	0.115 (0.396)
	Observations	1,159	1,159	1,159	1,124	1,124	1,124	500	500	500
NOTES: The two plus subsample refers to all first born children in families with at least two births. Three plus refers to first- and second-borns in families with at least three births, etc										

NOTES: The two plus subsample refers to all first born children in families with at least two births. Three plus refers to first- and second-borns in families with at least three births, etc

Table 12: Help Reading Freq IV Results (DataV1)

HELP READING FREQ Z-SCORE	2+			3+			4+		
	Base	+H	+S&H	Base	+H	+S&H	Base	+H	+S&H
<b>All IncludeMissing</b>									
Fertility	-0.171 (0.178)	-0.176 (0.178)	-0.195 (0.186)	-0.249 (0.260)	-0.264 (0.265)	-0.296 (0.275)	0.482*** (0.161)	0.472*** (0.161)	0.394** (0.160)
Observations	4,316	4,316	4,316	3,217	3,217	3,217	1,442	1,442	1,442
<b>All OmitMissing</b>									
Fertility	-0.0744 (0.194)	-0.0675 (0.192)	-0.0914 (0.192)	-0.00619 (0.244)	-0.0318 (0.240)	-0.0464 (0.236)	0.475*** (0.183)	0.474** (0.185)	0.418** (0.172)
Observations	2,277	2,277	2,277	2,246	2,246	2,246	959	959	959
<b>Girls IncludeMissing</b>									
Fertility	-0.315 (0.290)	-0.335 (0.283)	-0.349 (0.296)	-0.572 (0.384)	-0.591 (0.428)	-0.614 (0.477)	0.512** (0.226)	0.481** (0.230)	0.473** (0.238)
Observations	2,134	2,134	2,134	1,579	1,579	1,579	707	707	707
<b>Girls OmitMissing</b>									
Fertility	0.0419 (0.309)	0.0151 (0.303)	-0.0100 (0.304)	-0.218 (0.150)	-0.230 (0.161)	-0.213 (0.168)	0.397 (0.276)	0.388 (0.299)	0.298 (0.308)
Observations	1,090	1,090	1,090	1,088	1,088	1,088	444	444	444
<b>Boys IncludeMissing</b>									
Fertility	0.130 (0.227)	0.157 (0.230)	0.172 (0.242)	0.248 (0.380)	0.195 (0.376)	0.124 (0.384)	0.240 (0.256)	0.253 (0.249)	0.191 (0.192)
Observations	2,182	2,182	2,182	1,638	1,638	1,638	735	735	735
<b>Boys OmitMissing</b>									
Fertility	-0.0959 (0.197)	-0.0355 (0.191)	-0.0333 (0.178)	0.641 (0.570)	0.529 (0.537)	0.408 (0.538)	0.301 (0.316)	0.311 (0.319)	0.219 (0.247)
Observations	1,187	1,187	1,187	1,158	1,158	1,158	515	515	515

NOTES: The two plus subsample refers to all first born children in families with at least two births. Three plus refers to first- and second-borns in families with at least three births, etc

Table 13: Help Writing Freq IV Results (DataV1)

HELP WRITING FREQ Z-SCORE	2+			3+			4+		
	Base	+H	+S&H	Base	+H	+S&H	Base	+H	+S&H
<b>All IncludeMissing</b>									
Fertility	-0.372* (0.208)	-0.379* (0.203)	-0.404* (0.207)	-0.183 (0.303)	-0.202 (0.305)	-0.212 (0.308)	0.480 (0.294)	0.443* (0.269)	0.412 (0.266)
Observations	4,316	4,316	4,316	3,217	3,217	3,217	1,442	1,442	1,442
<b>All OmitMissing</b>									
Fertility	-0.207 (0.133)	-0.215 (0.135)	-0.248* (0.133)	0.0714 (0.293)	0.0577 (0.285)	0.0388 (0.290)	0.130 (0.172)	0.119 (0.174)	0.0875 (0.172)
Observations	2,277	2,277	2,277	2,246	2,246	2,246	959	959	959
<b>Girls IncludeMissing</b>									
Fertility	-0.802** (0.373)	-0.810** (0.337)	-0.869** (0.351)	-0.544 (0.483)	-0.567 (0.511)	-0.583 (0.536)	0.454 (0.467)	0.409 (0.427)	0.450 (0.429)
Observations	2,134	2,134	2,134	1,579	1,579	1,579	707	707	707
<b>Girls OmitMissing</b>									
Fertility	-0.338* (0.174)	-0.370** (0.176)	-0.450*** (0.172)	-0.0980 (0.177)	-0.107 (0.151)	-0.130 (0.172)	-0.154 (0.187)	-0.190 (0.200)	-0.242 (0.221)
Observations	1,090	1,090	1,090	1,088	1,088	1,088	444	444	444
<b>Boys IncludeMissing</b>									
Fertility	0.0339 (0.243)	0.0489 (0.240)	0.0584 (0.255)	0.168 (0.423)	0.118 (0.419)	0.126 (0.423)	0.441* (0.242)	0.410* (0.219)	0.412* (0.220)
Observations	2,182	2,182	2,182	1,638	1,638	1,638	735	735	735
<b>Boys OmitMissing</b>									
Fertility	-0.0652 (0.216)	-0.0439 (0.216)	-0.0446 (0.209)	0.349 (0.752)	0.258 (0.714)	0.271 (0.719)	0.443 (0.302)	0.409 (0.278)	0.417 (0.260)
Observations	1,187	1,187	1,187	1,158	1,158	1,158	515	515	515

NOTES: The two plus subsample refers to all first born children in families with at least two births. Three plus refers to first- and second-borns in families with at least three births, etc

Table 14: Proactive School Selection IV Results (DataV1)

PROACTIVE SCHOOL SELECTION Z-SCORE	2+			3+			4+		
	Base	+H	+S&H	Base	+H	+S&H	Base	+H	+S&H
<b>All IncludeMissing</b>									
Fertility	0.256 (0.233)	0.245 (0.229)	0.267 (0.240)	0.100 (0.358)	0.108 (0.369)	0.142 (0.370)	-0.310** (0.121)	-0.293** (0.119)	-0.371*** (0.103)
Observations	4,316	4,316	4,316	3,217	3,217	3,217	1,442	1,442	1,442
<b>All OmitMissing</b>									
Fertility	0.166 (0.249)	0.144 (0.245)	0.159 (0.256)	0.231 (0.386)	0.241 (0.387)	0.274 (0.408)	-0.310*** (0.102)	-0.315*** (0.108)	-0.300*** (0.112)
Observations	2,277	2,277	2,277	2,246	2,246	2,246	959	959	959
<b>Girls IncludeMissing</b>									
Fertility	0.310 (0.362)	0.286 (0.348)	0.325 (0.370)	0.245 (0.571)	0.253 (0.597)	0.299 (0.598)	-0.503*** (0.148)	-0.487*** (0.142)	-0.518*** (0.164)
Observations	2,134	2,134	2,134	1,579	1,579	1,579	707	707	707
<b>Girls OmitMissing</b>									
Fertility	-0.117 (0.323)	-0.121 (0.316)	-0.0763 (0.328)	0.426 (0.514)	0.439 (0.522)	0.483 (0.556)	-0.347* (0.189)	-0.315 (0.211)	-0.307 (0.222)
Observations	1,090	1,090	1,090	1,088	1,088	1,088	444	444	444
<b>Boys IncludeMissing</b>									
Fertility	0.259 (0.321)	0.252 (0.318)	0.242 (0.328)	-0.0888 (0.382)	-0.0620 (0.370)	-0.0560 (0.371)	-0.0990 (0.112)	-0.0782 (0.102)	-0.0867 (0.0977)
Observations	2,182	2,182	2,182	1,638	1,638	1,638	735	735	735
<b>Boys OmitMissing</b>									
Fertility	0.290 (0.387)	0.278 (0.378)	0.337 (0.411)	-0.412 (0.308)	-0.344 (0.301)	-0.398 (0.334)	-0.132 (0.179)	-0.105 (0.169)	-0.0752 (0.146)
Observations	1,187	1,187	1,187	1,158	1,158	1,158	515	515	515

NOTES: The two plus subsample refers to all first born children in families with at least two births. Three plus refers to first- and second-borns in families with at least three births, etc