

Online Appendix

Not for Publication

Table A-1: The Effect of Average Medicaid Eligibility During Childhood on Educational Attainment using the White Sample

Specification	No HS				Some College				College Plus				
	1 st Stage	OLS	RF	IV	OLS	RF	IV	OLS	RF	IV	OLS	RF	IV
<u>Panel A: All Eligibility</u>													
(1) Baseline	0.729*** (0.132)	-0.021 (0.018)	-0.022 (0.023)	-0.030 (0.032)	-0.005 (0.032)	0.026 (0.029)	0.036 (0.043)	0.018 (0.042)	0.070 (0.049)	0.096 (0.075)			
(2) EITC & School Spending	0.809*** (0.085)	-0.012 (0.019)	-0.032 (0.023)	-0.040 (0.030)	-0.004 (0.033)	0.026 (0.029)	0.032 (0.036)	0.018 (0.046)	0.080 (0.052)	0.099 (0.069)			
(3) EITC, School Spending, S-Y & A-Y FE	0.777*** (0.124)	0.018 (0.022)	-0.029 (0.034)	-0.038 (0.042)	0.029 (0.050)	0.078* (0.044)	0.100* (0.052)	0.100 (0.064)	0.103 (0.093)	0.133 (0.115)			
(4) Baseline + S-Y & A-Y FE	0.692*** (0.192)	0.016 (0.019)	-0.027 (0.033)	-0.039 (0.047)	-0.010 (0.041)	0.107* (0.058)	0.155 (0.103)	0.087 (0.059)	0.084 (0.101)	0.121 (0.137)			
<u>Panel B: Federal Eligibility</u>													
(5) Baseline	0.233*** (0.028)	-0.021 (0.018)	-0.012 (0.010)	-0.051 (0.041)	-0.005 (0.032)	0.029* (0.015)	0.126** (0.062)	0.018 (0.042)	0.058*** (0.015)	0.249*** (0.068)			
(6) EITC & School Spending	0.236*** (0.029)	-0.012 (0.019)	-0.012 (0.010)	-0.052 (0.040)	-0.004 (0.033)	0.030* (0.015)	0.127** (0.062)	0.018 (0.046)	0.059*** (0.016)	0.252*** (0.070)			

Source: Authors' estimation of equations (3) and (4) in the text using 22-29 year old white respondents from the 2005-2012 ACS. Each cell in the table comes from a separate regression (N=2754). The "OLS" columns refer to models that use a three-year moving average of actual eligibility as the independent variable, and the "RF" columns refer to models that use fixed simulated eligibility as the independent variable. The "IV" columns refer to models that instrument for actual eligibility using fixed simulated eligibility. All estimates include age fixed effects, calendar year fixed effects and state of birth fixed effects. Rows 3 and 4 include state of birth by calendar year (S-Y) fixed effects and age by calendar year (A-Y) fixed effects as shown in equation (4). Standard errors clustered at the state-of-birth level are in parentheses: *** indicates significance at the 1% level, ** indicates significance at the 5% level, and * indicates significance at the 10% level.

Table A-2: The Effect of Average Medicaid Eligibility During Childhood on Educational Attainment using the Nonwhite Sample

Specification	1 st Stage	No HS				Some College				College Plus			
		OLS	RF	IV	OLS	RF	IV	OLS	RF	IV	OLS	RF	IV
<u>Panel A: All Eligibility</u>													
(1) Baseline	1.148*** (0.129)	-0.035* (0.019)	-0.053** (0.023)	-0.046** (0.019)	0.040 (0.025)	0.039 (0.032)	0.034 (0.028)	0.020 (0.014)	0.050** (0.020)	0.044** (0.019)			
(2) EITC & School Spending	1.109*** (0.102)	-0.035* (0.018)	-0.048** (0.022)	-0.043** (0.019)	0.042 (0.027)	0.037 (0.035)	0.033 (0.031)	0.013 (0.016)	0.048** (0.022)	0.044** (0.020)			
(3) EITC, School Spending, S-Y & A-Y FE	1.153*** (0.177)	-0.013 (0.031)	-0.006 (0.049)	-0.006 (0.038)	0.060 (0.046)	0.073 (0.091)	0.066 (0.071)	0.002 (0.032)	0.087 (0.055)	0.078 (0.048)			
(4) Baseline + S-Y & A-Y FE	1.200*** (0.243)	-0.013 (0.030)	-0.014 (0.052)	-0.012 (0.039)	0.023 (0.051)	0.056 (0.102)	0.050 (0.079)	0.001 (0.029)	0.074 (0.060)	0.064 (0.054)			
<u>Panel B: Federal Eligibility</u>													
(5) Baseline	0.207*** (0.032)	-0.035* (0.019)	-0.012** (0.006)	-0.056** (0.028)	0.040 (0.025)	-0.004 (0.008)	-0.019 (0.036)	0.020 (0.014)	0.007 (0.007)	0.032 (0.031)			
(6) EITC & School Spending	0.201*** (0.034)	-0.035* (0.018)	-0.012** (0.006)	-0.059** (0.029)	0.042 (0.027)	-0.005 (0.008)	-0.023 (0.038)	0.013 (0.016)	0.006 (0.007)	0.029 (0.033)			

Source: Authors' estimation of equations (3) and (4) in the text using 22-29 year old nonwhite respondents from the 2005-2012 ACS. Each cell in the table comes from a separate regression (N=2726). The "OLS" columns refer to models that use a three-year moving average of actual eligibility as the independent variable, and the "RF" columns refer to models that use fixed simulated eligibility as the independent variable. The "IV" columns refer to models that instrument for actual eligibility using fixed simulated eligibility. All estimates include age fixed effects, calendar year fixed effects and state of birth fixed effects. Rows 3 and 4 include state of birth by calendar year (S-Y) fixed effects and age by calendar year (A-Y) fixed effects as shown in equation (4). Standard errors clustered at the state-of-birth level are in parentheses: *** indicates significance at the 1% level, ** indicates significance at the 5% level, and * indicates significance at the 10% level.

Table A-3: The Effect of Average Medicaid Eligibility During Childhood on Educational Attainment using the Male Sample

Specification	1 st Stage	No HS				Some College				College Plus			
		OLS	RF	IV	OLS	RF	IV	OLS	RF	IV	OLS	RF	IV
<u>Panel A: All Eligibility</u>													
(1) Baseline	0.728*** (0.132)	-0.013 (0.029)	-0.023 (0.031)	-0.031 (0.042)	-0.020 (0.051)	0.079** (0.039)	0.108* (0.061)	0.060 (0.049)	0.129** (0.061)	0.177* (0.095)			
(2) EITC & School Spending	0.820*** (0.079)	0.002 (0.030)	-0.028 (0.031)	-0.033 (0.040)	-0.019 (0.055)	0.068* (0.036)	0.088* (0.047)	0.067 (0.051)	0.135** (0.060)	0.171** (0.083)			
(3) EITC, School Spending, S-Y & A-Y FE	0.792*** (0.114)	0.034 (0.032)	-0.017 (0.044)	-0.019 (0.054)	0.024 (0.079)	0.160*** (0.058)	0.212*** (0.079)	0.110 (0.074)	0.114 (0.112)	0.148 (0.141)			
(4) Baseline + S-Y & A-Y FE	0.689*** (0.192)	0.020 (0.030)	-0.016 (0.044)	-0.023 (0.059)	-0.013 (0.070)	0.195** (0.081)	0.284* (0.156)	0.096 (0.070)	0.100 (0.116)	0.144 (0.157)			
<u>Panel B: Federal Eligibility</u>													
(5) Baseline	0.233*** (0.028)	-0.013 (0.029)	-0.019 (0.014)	-0.083 (0.060)	-0.020 (0.051)	0.023 (0.027)	0.098 (0.111)	0.060 (0.049)	0.067*** (0.019)	0.288*** (0.087)			
(6) EITC & School Spending	0.236*** (0.030)	0.002 (0.030)	-0.020 (0.014)	-0.084 (0.059)	-0.019 (0.055)	0.024 (0.028)	0.103 (0.112)	0.067 (0.051)	0.068*** (0.019)	0.288*** (0.088)			

Source: Authors' estimation of equations (3) and (4) in the text using 22-29 year old male respondents from the 2005-2012 ACS. Each cell in the table comes from a separate regression (N=5480). The "OLS" columns refer to models that use a three-year moving average of actual eligibility as the independent variable, and the "RF" columns refer to models that use fixed simulated eligibility as the independent variable. The "IV" columns refer to models that instrument for actual eligibility using fixed simulated eligibility. All estimates include an indicator for the cell being nonwhite or not as well as race-by-age, race-by-calendar year and race-by-state of birth fixed effects. Rows 3 and 4 include race by state of birth by calendar year (R-S-Y) fixed effects and race by age by calendar year (R-A-Y) fixed effects as shown in equation (4). Standard errors clustered at the state-of-birth level are in parentheses: *** indicates significance at the 1% level, ** indicates significance at the 5% level, and * indicates significance at the 10% level.

Table A-4: The Effect of Average Medicaid Eligibility During Childhood on Educational Attainment using the Female Sample

Specification	No HS				Some College				College Plus				
	1 st Stage	OLS	RF	IV	OLS	RF	IV	OLS	RF	IV	OLS	RF	IV
<u>Panel A: All Eligibility</u>													
(1) Baseline	0.731*** (0.133)	-0.028* (0.015)	-0.019 (0.022)	-0.026 (0.029)	0.004 (0.039)	-0.033 (0.044)	-0.045 (0.058)	-0.034 (0.046)	0.002 (0.050)	0.003 (0.068)			
(2) EITC & School Spending	0.824*** (0.079)	-0.029* (0.016)	-0.023 (0.023)	-0.028 (0.029)	0.009 (0.037)	-0.019 (0.044)	-0.028 (0.056)	-0.041 (0.051)	0.020 (0.055)	0.024 (0.071)			
(3) EITC, School Spending, S-Y & A-Y FE	0.795*** (0.114)	0.002 (0.027)	-0.029 (0.033)	-0.041 (0.040)	0.024 (0.047)	-0.014 (0.076)	-0.023 (0.097)	0.073 (0.061)	0.077 (0.095)	0.099 (0.120)			
(4) Baseline + S-Y & A-Y FE	0.695*** (0.193)	0.014 (0.023)	-0.036 (0.030)	-0.052 (0.046)	-0.017 (0.041)	0.004 (0.065)	0.006 (0.085)	0.066 (0.059)	0.054 (0.104)	0.078 (0.136)			
<u>Panel B: Federal Eligibility</u>													
(5) Baseline	0.233*** (0.028)	-0.028* (0.015)	-0.005 (0.013)	-0.020 (0.053)	0.004 (0.039)	0.037 (0.024)	0.157 (0.104)	-0.034 (0.046)	0.048** (0.020)	0.208** (0.085)			
(6) EITC & School Spending	0.237*** (0.029)	-0.029* (0.016)	-0.005 (0.013)	-0.022 (0.053)	0.009 (0.037)	0.036 (0.024)	0.154 (0.102)	-0.041 (0.051)	0.048** (0.020)	0.205** (0.084)			

Source: Authors' estimation of equations (3) and (4) in the text using 22-29 year old female respondents from the 2005-2012 ACS. Each cell in the table comes from a separate regression (N=5480). The "OLS" columns refer to models that use a three-year moving average of actual eligibility as the independent variable, and the "RF" columns refer to models that use fixed simulated eligibility as the independent variable. The "IV" columns refer to models that instrument for actual eligibility using fixed simulated eligibility. All estimates include an indicator for the cell being nonwhite or not as well as race-by-age, race-by-calendar year and race-by-state of birth fixed effects. Rows 3 and 4 include race by state of birth by calendar year (R-S-Y) fixed effects and race by age by calendar year (R-A-Y) fixed effects as shown in equation (4). Standard errors clustered at the state-of-birth level are in parentheses: *** indicates significance at the 1% level, ** indicates significance at the 5% level, and * indicates significance at the 10% level.

Table A-5: The Effect of Average Medicaid Eligibility During Childhood on Educational Attainment, using the White Sample and Including State of Birth Linear Time Trends

Specification	No HS				Some College				College Plus				
	1 st Stage	OLS	RF	IV	OLS	RF	IV	OLS	RF	IV	OLS	RF	IV
<u>Panel A: All Eligibility</u>													
(1) Baseline	0.848*** (0.062)	-0.030 (0.032)	-0.051* (0.031)	-0.060 (0.037)	0.033 (0.051)	-0.010 (0.048)	-0.012 (0.055)	0.093 (0.061)	0.046 (0.047)	0.055 (0.054)	0.093 (0.061)	0.046 (0.047)	0.055 (0.054)
(2) EITC & School Spending	0.865*** (0.059)	-0.029 (0.031)	-0.050 (0.032)	-0.058 (0.037)	0.054 (0.042)	0.035 (0.044)	0.041 (0.050)	0.133*** (0.045)	0.129*** (0.039)	0.150*** (0.047)	0.133*** (0.045)	0.129*** (0.039)	0.150*** (0.047)
(3) EITC, School Spending, S-Y & A-Y FE	0.799*** (0.152)	-0.030 (0.049)	-0.138* (0.074)	-0.172* (0.098)	0.064 (0.074)	0.005 (0.107)	0.007 (0.121)	0.126 (0.077)	0.110 (0.114)	0.138 (0.128)	0.126 (0.077)	0.110 (0.114)	0.138 (0.128)
(4) Baseline + S-Y & A-Y FE	0.828*** (0.157)	-0.010 (0.047)	-0.116 (0.076)	-0.140 (0.095)	0.060 (0.069)	0.002 (0.102)	0.002 (0.111)	0.127 (0.083)	0.117 (0.120)	0.141 (0.129)	0.127 (0.083)	0.117 (0.120)	0.141 (0.129)
<u>Panel B: Federal Eligibility</u>													
(5) Baseline	0.249*** (0.027)	-0.030 (0.032)	-0.016 (0.010)	-0.063* (0.037)	0.033 (0.051)	0.033** (0.016)	0.134** (0.059)	0.093 (0.061)	0.063*** (0.015)	0.251*** (0.061)	0.093 (0.061)	0.063*** (0.015)	0.251*** (0.061)
(6) EITC & School Spending	0.257*** (0.028)	-0.029 (0.031)	-0.014 (0.010)	-0.053 (0.037)	0.054 (0.042)	0.029* (0.016)	0.112* (0.059)	0.133*** (0.045)	0.056*** (0.014)	0.217*** (0.054)	0.133*** (0.045)	0.056*** (0.014)	0.217*** (0.054)

Source: Authors' estimation of equations (3) and (4) in the text using 22-29 year old white respondents from the 2005-2012 ACS. Each cell in the table comes from a separate regression (N=2754). The "OLS" columns refer to models that use a three-year moving average of actual eligibility as the independent variable, and the "RF" columns refer to models that use fixed simulated eligibility as the independent variable. The "IV" columns refer to models that instrument for actual eligibility using fixed simulated eligibility. All estimates include age fixed effects, calendar year fixed effects and state of birth fixed effects. Rows 3 and 4 include state of birth by calendar year (S-Y) fixed effects and age by calendar year (A-Y) fixed effects as shown in equation (4). Estimates include state of birth specific linear time trends across birth cohorts. Standard errors clustered at the state-of-birth level are in parentheses: *** indicates significance at the 1% level, ** indicates significance at the 5% level, and * indicates significance at the 10% level.

Table A-6: The Effect of Average Medicaid Eligibility During Childhood on Educational Attainment, using the Nonwhite Sample and Including State of Birth Linear Time Trends

Specification	No HS				Some College				College Plus			
	1 st Stage	OLS	RF	IV	OLS	RF	IV	OLS	RF	OLS	RF	IV
<u>Panel A: All Eligibility</u>												
(1) Baseline	1.109*** (0.071)	-0.034* (0.019)	-0.038 (0.024)	-0.034 (0.020)	0.002 (0.024)	-0.025 (0.032)	-0.023 (0.028)	0.002 (0.021)	0.014 (0.026)	0.002 (0.021)	0.014 (0.026)	0.013 (0.023)
(2) EITC & School Spending	1.105*** (0.073)	-0.032 (0.021)	-0.033 (0.026)	-0.029 (0.023)	-0.003 (0.026)	-0.033 (0.033)	-0.030 (0.029)	-0.016 (0.021)	-0.007 (0.024)	-0.016 (0.021)	-0.007 (0.024)	-0.006 (0.021)
(3) EITC, School Spending, S-Y & A-Y FE	1.159*** (0.164)	0.000 (0.034)	0.039 (0.056)	0.036 (0.046)	0.039 (0.051)	-0.006 (0.079)	-0.009 (0.061)	-0.038 (0.034)	-0.061 (0.050)	-0.038 (0.034)	-0.061 (0.050)	-0.051 (0.040)
(4) Baseline + S-Y & A-Y FE	1.165*** (0.157)	-0.000 (0.034)	0.036 (0.058)	0.033 (0.047)	0.036 (0.053)	-0.001 (0.078)	-0.005 (0.059)	-0.034 (0.034)	-0.054 (0.048)	-0.034 (0.034)	-0.054 (0.048)	-0.044 (0.038)
<u>Panel B: Federal Eligibility</u>												
(5) Baseline	0.213*** (0.034)	-0.034* (0.019)	-0.012** (0.006)	-0.058** (0.027)	0.002 (0.024)	-0.003 (0.008)	-0.013 (0.034)	0.002 (0.021)	0.008 (0.007)	0.002 (0.021)	0.008 (0.007)	0.036 (0.030)
(6) EITC & School Spending	0.213*** (0.034)	-0.032 (0.021)	-0.011* (0.006)	-0.053* (0.030)	-0.003 (0.026)	-0.005 (0.008)	-0.023 (0.034)	-0.016 (0.021)	0.002 (0.006)	-0.016 (0.021)	0.002 (0.006)	0.011 (0.029)

Source: Authors' estimation of equations (3) and (4) in the text using 22-29 year old nonwhite respondents from the 2005-2012 ACS. Each cell in the table comes from a separate regression (N=2726). The "OLS" columns refer to models that use a three-year moving average of actual eligibility as the independent variable, and the "RF" columns refer to models that use fixed simulated eligibility as the independent variable. The "IV" columns refer to models that instrument for actual eligibility using fixed simulated eligibility. All estimates include age fixed effects, calendar year fixed effects and state of birth fixed effects. Rows 3 and 4 include state of birth by calendar year (S-Y) fixed effects and age by calendar year (A-Y) fixed effects as shown in equation (4). Estimates include state of birth specific linear time trends across birth cohorts. Standard errors clustered at the state-of-birth level are in parentheses: *** indicates significance at the 1% level, ** indicates significance at the 5% level, and * indicates significance at the 10% level.

Table A-7: The Effect of Average Medicaid Eligibility During Childhood on Educational Attainment Removing the Small Samples from NH, VT, ME, WV

Specification	No HS				Some College				College Plus			
	1 st Stage	OLS	RF	IV	OLS	RF	IV	OLS	RF	OLS	RF	IV
Panel A: All Eligibility												
(1) Baseline	0.939*** (0.112)	-0.034** (0.014)	-0.041*** (0.014)	-0.044*** (0.015)	0.025 (0.018)	0.036 (0.023)	0.038 (0.026)	0.018 (0.017)	0.065** (0.029)	0.018 (0.017)	0.065** (0.029)	0.069** (0.033)
(2) EITC & School Spending	0.978*** (0.077)	-0.027* (0.015)	-0.041*** (0.014)	-0.042*** (0.014)	0.027 (0.019)	0.037* (0.022)	0.038* (0.022)	0.015 (0.020)	0.072** (0.031)	0.015 (0.020)	0.072** (0.031)	0.073** (0.033)
(3) EITC, School Spending, S-Y & A-Y FE	0.966*** (0.114)	-0.003 (0.021)	-0.022 (0.024)	-0.022 (0.023)	0.043 (0.032)	0.079* (0.043)	0.081* (0.042)	0.037 (0.028)	0.103 (0.066)	0.037 (0.028)	0.103 (0.066)	0.107* (0.065)
(4) Baseline + S-Y & A-Y FE	0.913*** (0.174)	-0.004 (0.020)	-0.025 (0.026)	-0.027 (0.027)	0.007 (0.034)	0.090 (0.061)	0.099 (0.071)	0.033 (0.026)	0.088 (0.067)	0.033 (0.026)	0.088 (0.067)	0.097 (0.069)
Panel B: Federal Eligibility												
(5) Baseline	0.211*** (0.031)	-0.034** (0.014)	-0.012*** (0.004)	-0.056*** (0.021)	0.025 (0.018)	0.003 (0.007)	0.016 (0.032)	0.018 (0.017)	0.016*** (0.006)	0.018 (0.017)	0.016*** (0.006)	0.077*** (0.028)
(6) EITC & School Spending	0.208*** (0.032)	-0.027* (0.015)	-0.012*** (0.004)	-0.056*** (0.021)	0.027 (0.019)	0.003 (0.007)	0.016 (0.033)	0.015 (0.020)	0.016*** (0.006)	0.015 (0.020)	0.016*** (0.006)	0.076*** (0.028)

Source: Authors' estimation of equations (3) and (4) in the text using 22-29 year old respondents from the 2005-2012 ACS. States with race-state-age-year cells of under 100 are dropped from the analysis. Each cell in the table comes from a separate regression (N=5076). The "OLS" columns refer to models that use a three-year moving average of actual eligibility as the independent variable, and the "RF" columns refer to models that use fixed simulated eligibility as the independent variable. The "IV" columns refer to models that instrument for actual eligibility using fixed simulated eligibility. All estimates include an indicator for the cell being nonwhite or not as well as race-by-age, race-by-calendar year and race-by-state of birth fixed effects. Rows 3 and 4 include race by state of birth by calendar year (R-S-Y) fixed effects and race by age by calendar year (R-A-Y) fixed effects as shown in equation (4). Standard errors clustered at the state-of-birth level are in parentheses: *** indicates significance at the 1% level, ** indicates significance at the 5% level, and * indicates significance at the 10% level.

Table A-8: The Effect of Average Medicaid Eligibility During Childhood on Educational Attainment with Associates Degrees

Specification	1 st Stage				No HS				Associates Degree				College Plus			
	OLS	RF	IV	RF	OLS	RF	IV	RF	OLS	RF	IV	RF	OLS	RF	IV	RF
Panel A: All Eligibility																
(1) Baseline	0.927*** (0.111)	-0.030** (0.014)	-0.039** (0.015)	-0.036** (0.014)	-0.010 (0.011)	-0.011 (0.019)	-0.012 (0.019)	0.061** (0.029)	0.019 (0.017)	0.061** (0.029)	0.066** (0.033)					
(2) EITC & School Spending	0.966*** (0.076)	-0.023 (0.015)	-0.038** (0.015)	-0.036** (0.015)	-0.017 (0.011)	-0.020 (0.017)	-0.021 (0.017)	0.067** (0.030)	0.016 (0.020)	0.067** (0.030)	0.069** (0.032)					
(3) EITC, School Spending, S-Y & A-Y FE	0.943*** (0.111)	-0.000 (0.020)	-0.021 (0.024)	-0.019 (0.024)	-0.015 (0.021)	-0.004 (0.044)	-0.003 (0.042)	0.096 (0.064)	0.042 (0.028)	0.096 (0.064)	0.102 (0.064)					
(4) Baseline + S-Y & A-Y FE	0.890*** (0.170)	-0.001 (0.020)	-0.025 (0.027)	-0.022 (0.025)	-0.015 (0.021)	0.016 (0.049)	0.019 (0.050)	0.080 (0.066)	0.036 (0.026)	0.080 (0.066)	0.091 (0.070)					
Panel B: Federal Eligibility																
(5) Baseline	0.212*** (0.030)	-0.030** (0.014)	-0.055*** (0.021)	-0.012*** (0.004)	-0.010 (0.011)	-0.007** (0.004)	-0.033** (0.014)	0.017*** (0.006)	0.019 (0.017)	0.017*** (0.006)	0.078*** (0.028)					
(6) EITC & School Spending	0.210*** (0.032)	-0.023 (0.015)	-0.054** (0.021)	-0.011*** (0.004)	-0.017 (0.011)	-0.007* (0.004)	-0.032** (0.015)	0.016*** (0.006)	0.016 (0.020)	0.016*** (0.006)	0.077*** (0.027)					

Source: Authors' estimation of equations (3) and (4) in the text using 22-29 year old male respondents from the 2005-2012 ACS. Each cell in the table comes from a separate regression (N=5480). The "OLS" columns refer to models that use a three-year moving average of actual eligibility as the independent variable, and the "RF" columns refer to models that use fixed simulated eligibility as the independent variable. The "IV" columns refer to models that instrument for actual eligibility using fixed simulated eligibility. All estimates include an indicator for the cell being nonwhite or not as well as race-by-age, race-by-calendar year and race-by-state of birth fixed effects. Rows 3 and 4 include race by state of birth by calendar year (R-S-Y) fixed effects and race by age by calendar year (R-A-Y) fixed effects as shown in equation (4). Standard errors clustered at the state-of-birth level are in parentheses: *** indicates significance at the 1% level, ** indicates significance at the 5% level, and * indicates significance at the 10% level.

Table A-9: The Effect of Average Medicaid Eligibility During Childhood on Educational Attainment Using 1-Year Medicaid Eligibility

Specification	1 st Stage				No HS				Some College				College Plus			
	OLS	RF	IV	IV	OLS	RF	IV	IV	OLS	RF	IV	IV	OLS	RF	IV	IV
Panel A: All Eligibility																
(1) Baseline	0.985*** (0.125)	-0.018* (0.011)	-0.036** (0.014)	-0.038*** (0.014)	0.005 (0.015)	0.032 (0.022)	0.033 (0.024)	0.033 (0.024)	0.013 (0.014)	0.061** (0.029)	0.061** (0.029)	0.061** (0.030)	0.013 (0.014)	0.061** (0.029)	0.061** (0.030)	0.061** (0.031)
(2) EITC & School Spending	1.028*** (0.092)	-0.012 (0.010)	-0.036** (0.015)	-0.037*** (0.014)	0.005 (0.016)	0.033 (0.021)	0.032 (0.021)	0.032 (0.021)	0.011 (0.016)	0.067*** (0.030)	0.067*** (0.030)	0.067*** (0.030)	0.011 (0.016)	0.067*** (0.030)	0.067*** (0.030)	0.067*** (0.030)
(3) EITC, School Spending, S-Y & A-Y FE	0.971*** (0.128)	0.007 (0.013)	-0.019 (0.024)	-0.020 (0.023)	0.010 (0.022)	0.076* (0.042)	0.078* (0.041)	0.078* (0.041)	0.021 (0.020)	0.096 (0.064)	0.096 (0.064)	0.096 (0.064)	0.021 (0.020)	0.096 (0.064)	0.096 (0.064)	0.103 (0.063)
(4) Baseline + S-Y & A-Y FE	0.915*** (0.185)	0.006 (0.013)	-0.022 (0.025)	-0.024 (0.027)	-0.007 (0.023)	0.087 (0.059)	0.095 (0.070)	0.095 (0.070)	0.019 (0.018)	0.080 (0.066)	0.080 (0.066)	0.080 (0.066)	0.019 (0.018)	0.080 (0.066)	0.080 (0.066)	0.092 (0.068)
Panel B: Federal Eligibility																
(5) Baseline	0.241*** (0.038)	-0.018* (0.011)	-0.012*** (0.004)	-0.049** (0.019)	0.005 (0.015)	0.002 (0.007)	0.012 (0.028)	0.012 (0.028)	0.013 (0.014)	0.017*** (0.006)	0.017*** (0.006)	0.017*** (0.006)	0.013 (0.014)	0.017*** (0.006)	0.017*** (0.006)	0.068*** (0.026)
(6) EITC & School Spending	0.239*** (0.040)	-0.012 (0.010)	-0.011*** (0.004)	-0.048** (0.019)	0.005 (0.016)	0.002 (0.007)	0.011 (0.029)	0.011 (0.029)	0.011 (0.016)	0.016*** (0.006)	0.016*** (0.006)	0.016*** (0.006)	0.011 (0.016)	0.016*** (0.006)	0.016*** (0.006)	0.067*** (0.025)

Source: Authors' estimation of equations (3) and (4) in the text using 22-29 year old male respondents from the 2005-2012 ACS. Each cell in the table comes from a separate regression (N=5480). The "OLS" columns refer to models that use actual eligibility as the independent variable, and the "RF" columns refer to models that use fixed simulated eligibility as the independent variable. The "IV" columns refer to models that instrument for actual eligibility using fixed simulated eligibility. All estimates include an indicator for the cell being nonwhite or not as well as race-by-age, race-by-calendar year and race-by-state of birth fixed effects. Rows 3 and 4 include race by state of birth by calendar year (R-S-Y) fixed effects and race by age by calendar year (R-A-Y) fixed effects as shown in equation (4). Standard errors clustered at the state-of-birth level are in parentheses: *** indicates significance at the 1% level, ** indicates significance at the 5% level, and * indicates significance at the 10% level.

Table A-10: The Effect of Average Medicaid Eligibility During Childhood on Educational Attainment Using Current State of Residence

Specification	1 st Stage	No HS				Some College				College Plus				
		OLS	RF	IV	OLS	RF	IV	OLS	RF	IV	OLS	RF	IV	
Panel A: All Eligibility														
(1) Baseline	0.932*** (0.107)	-0.039*** (0.011)	-0.045*** (0.014)	-0.048*** (0.015)	0.039* (0.023)	0.025 (0.027)	0.027 (0.028)	0.056*** (0.021)	0.084*** (0.028)	0.027 (0.028)	0.027 (0.028)	0.056*** (0.021)	0.084*** (0.028)	0.090*** (0.033)
(2) EITC & School Spending	0.966*** (0.076)	-0.036*** (0.012)	-0.045*** (0.014)	-0.046*** (0.014)	0.050* (0.026)	0.028 (0.028)	0.029 (0.028)	0.062*** (0.021)	0.083*** (0.026)	0.028 (0.028)	0.029 (0.028)	0.062*** (0.021)	0.083*** (0.026)	0.086*** (0.029)
(3) EITC, School Spending, S-Y & A-Y FE	0.940*** (0.113)	-0.018 (0.018)	-0.021 (0.024)	-0.022 (0.023)	0.107** (0.042)	0.081 (0.056)	0.084 (0.053)	0.136*** (0.048)	0.180*** (0.069)	0.081 (0.056)	0.084 (0.053)	0.136*** (0.048)	0.180*** (0.069)	0.192*** (0.070)
(4) Baseline + S-Y & A-Y FE	0.893*** (0.166)	-0.015 (0.018)	-0.023 (0.022)	-0.026 (0.023)	0.054 (0.040)	0.084 (0.063)	0.092 (0.069)	0.121*** (0.046)	0.185** (0.083)	0.084 (0.063)	0.092 (0.069)	0.121*** (0.046)	0.185** (0.083)	0.207** (0.088)
Panel B: Federal Eligibility														
(5) Baseline	0.216*** (0.030)	-0.039*** (0.011)	-0.012*** (0.004)	-0.054*** (0.021)	0.039* (0.023)	0.002 (0.007)	0.012 (0.034)	0.056*** (0.021)	0.016*** (0.005)	0.002 (0.007)	0.012 (0.034)	0.056*** (0.021)	0.016*** (0.005)	0.074*** (0.026)
(6) EITC & School Spending	0.215*** (0.031)	-0.036*** (0.012)	-0.012*** (0.004)	-0.055** (0.021)	0.050* (0.026)	0.003 (0.007)	0.013 (0.035)	0.062*** (0.021)	0.016*** (0.005)	0.003 (0.007)	0.013 (0.035)	0.062*** (0.021)	0.016*** (0.005)	0.074*** (0.027)

Source: Authors' estimation of equations (3) and (4) in the text using 22-29 year old male respondents from the 2005-2012 ACS. Each cell in the table comes from a separate regression (N=5480). The "OLS" columns refer to models that use a three-year moving average of actual eligibility as the independent variable, and the "RF" columns refer to models that use fixed simulated eligibility as the independent variable. The "IV" columns refer to models that instrument for actual eligibility using fixed simulated eligibility. All estimates include an indicator for the cell being nonwhite or not as well as race-by-age, race-by-calendar year and race-by-state of residence fixed effects. Rows 3 and 4 include race by state of residence by calendar year (R-S-Y) fixed effects and race by age by calendar year (R-A-Y) fixed effects as shown in equation (4). Standard errors clustered at the state-of-residence level are in parentheses: *** indicates significance at the 1% level, ** indicates significance at the 5% level, and * indicates significance at the 10% level.

Table A-11: The Effect of Average Medicaid Eligibility During Childhood on Educational Attainment Controlling for Unemployment During Childhood

Specification	1 st Stage				No HS				Some College				College Plus			
	OLS	RF	IV	OLS	RF	IV	OLS	RF	IV	OLS	RF	IV	OLS	RF	IV	
<u>Panel A: All Eligibility</u>																
(1) Baseline	0.916*** (0.112)	-0.033** (0.015)	-0.039*** (0.015)	-0.042*** (0.016)	0.021 (0.019)	0.031 (0.023)	0.033 (0.026)	0.010 (0.018)	0.053* (0.029)	0.058* (0.033)						
(2) EITC & School Spending	0.964*** (0.078)	-0.025* (0.015)	-0.040** (0.016)	-0.041*** (0.016)	0.022 (0.019)	0.029 (0.021)	0.030 (0.021)	0.009 (0.021)	0.057* (0.029)	0.060* (0.031)						
(3) EITC, School Spending, S-Y & A-Y FE	0.942*** (0.112)	-0.003 (0.019)	-0.022 (0.025)	-0.024 (0.024)	0.047 (0.031)	0.077* (0.041)	0.083** (0.041)	0.041 (0.027)	0.094 (0.063)	0.101 (0.064)						
(4) Baseline + S-Y & A-Y FE	0.886*** (0.168)	-0.007 (0.018)	-0.026 (0.024)	-0.030 (0.025)	0.015 (0.032)	0.091* (0.055)	0.104 (0.068)	0.034 (0.026)	0.079 (0.065)	0.090 (0.069)						
<u>Panel B: Federal Eligibility</u>																
(5) Baseline	0.205*** (0.034)	-0.033** (0.015)	-0.014*** (0.004)	-0.067*** (0.021)	0.021 (0.019)	0.001 (0.007)	0.004 (0.032)	0.010 (0.018)	0.011* (0.006)	0.053* (0.029)						
(6) EITC & School Spending	0.211*** (0.034)	-0.025* (0.015)	-0.014*** (0.004)	-0.067*** (0.021)	0.022 (0.019)	-0.001 (0.007)	-0.004 (0.033)	0.009 (0.021)	0.009 (0.006)	0.043 (0.028)						

Source: Authors' estimation of equations (3) and (4) in the text using 22-29 year old male respondents from the 2005-2012 ACS. Each cell in the table comes from a separate regression (N=5480). The "OLS" columns refer to models that use a three-year moving average of actual eligibility as the independent variable, and the "RF" columns refer to models that use fixed simulated eligibility as the independent variable. The "IV" columns refer to models that instrument for actual eligibility using fixed simulated eligibility. All estimates include an indicator for the cell being nonwhite or not, average state unemployment rates when respondents were 0-17 in their state of birth, race-by-age, race-by-calendar year and race-by-state of birth fixed effects. Rows 3 and 4 include race by state of birth by calendar year (R-S-Y) fixed effects and race by age by calendar year (R-A-Y) fixed effects as shown in equation (4). Standard errors clustered at the state-of-birth level are in parentheses: *** indicates significance at the 1% level, ** indicates significance at the 5% level, and * indicates significance at the 10% level.