

# OLS Results with Investment Mechanisms

2024-04-12

## Baseline Results

% Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac at gmail.com % Date and time: Sat, Apr 13, 2024 - 18:28:51

cat('\newpage')

## Educational Mechanism Investment Results

% Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac at gmail.com % Date and time: Sat, Apr 13, 2024 - 18:28:52

cat('\newpage')

## Health Investment Mechanism Results

% Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac at gmail.com % Date and time: Sat, Apr 13, 2024 - 18:28:52

cat('\newpage')

## Psychological Investment Mechanism Results

% Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac at gmail.com % Date and time: Sat, Apr 13, 2024 - 18:28:52

Table 1: Base OLS Regression wit Region and Treatment FE

	Endline Dependent Variable:			
	e_lit_per Literacy	e_num_per Numeracy	e_ef_per Executive Function	e_sel_per SEL
	(1)	(2)	(3)	(4)
CFIES: Few Experiences	0.049 (0.030)	0.015 (0.034)	0.025 (0.038)	0.075 (0.041)
CFIES: Several Experiences	-0.006 (0.035)	-0.007 (0.039)	0.010 (0.043)	0.056 (0.047)
CFIES: Many Experiences	0.044 (0.041)	-0.013 (0.046)	0.078 (0.051)	0.083 (0.055)
FIES: Mild	-0.017 (0.045)	0.024 (0.050)	-0.035 (0.055)	-0.079 (0.060)
FIES: Moderate	-0.113** (0.039)	-0.085 (0.044)	-0.066 (0.048)	-0.036 (0.052)
FIES: Severe	-0.086 (0.045)	-0.054 (0.050)	-0.100 (0.055)	-0.057 (0.060)
Child Female	0.063** (0.022)	0.034 (0.025)	-0.032 (0.028)	-0.031 (0.030)
Child Age	0.149** (0.004)	0.077** (0.004)	0.062** (0.004)	0.033** (0.005)
Lagged Outcome	0.369** (0.012)	0.458** (0.013)	0.364** (0.014)	0.242** (0.015)
Constant	-1.568** (0.072)	-0.816** (0.081)	-0.724** (0.089)	-0.536** (0.095)
Observations	3,985	3,985	3,985	3,985
R <sup>2</sup>	0.523	0.368	0.243	0.086
Adjusted R <sup>2</sup>	0.521	0.366	0.240	0.083
Residual Std. Error (df = 3970)	0.698	0.781	0.862	0.931
F Statistic (df = 14; 3970)	310.678**	165.157**	90.941**	26.782**

*Note:*\* $p < 0.05$ ; \*\* $p < 0.01$

Table 2: Multivariate OLS Regression: Educational Investment Mechanism

	Endline Dependent Variable:			
	e_lit_per Literacy	e_num_per Numeracy	e_ef_per Executive Function	e_sel_per SEL
	(1)	(2)	(3)	(4)
CFIES: Few Experiences	0.045 (0.030)	0.019 (0.034)	0.026 (0.037)	0.070 (0.039)
CFIES: Several Experiences	-0.008 (0.035)	0.0002 (0.039)	0.016 (0.043)	0.055 (0.045)
CFIES: Many Experiences	0.048 (0.041)	-0.005 (0.046)	0.093 (0.050)	0.100 (0.053)
FIES: Mild	-0.010 (0.044)	0.037 (0.050)	-0.022 (0.055)	-0.080 (0.058)
FIES: Moderate	-0.107** (0.039)	-0.076 (0.044)	-0.054 (0.048)	-0.031 (0.051)
FIES: Severe	-0.079 (0.044)	-0.044 (0.050)	-0.089 (0.055)	-0.053 (0.058)
Child Female	0.054* (0.022)	0.035 (0.025)	-0.037 (0.027)	-0.045 (0.029)
Child Age	0.157** (0.004)	0.078** (0.004)	0.069** (0.004)	0.041** (0.004)
Child is Enrolled in School	0.396** (0.039)	-0.053 (0.046)	0.352** (0.047)	0.840** (0.051)
Child Attends Private Shool	0.083* (0.038)	0.142** (0.044)	0.185** (0.048)	0.043 (0.050)
Lagged Outcome	0.336** (0.012)	0.460** (0.014)	0.344** (0.014)	0.182** (0.015)
Constant	-1.904** (0.078)	-0.818** (0.090)	-1.035** (0.095)	-1.144** (0.099)
Observations	3,985	3,985	3,985	3,985
R <sup>2</sup>	0.536	0.370	0.257	0.147
Adjusted R <sup>2</sup>	0.534	0.367	0.254	0.143
Residual Std. Error (df = 3968)	0.688	0.780	0.854	0.900
F Statistic (df = 16; 3968)	286.380**	145.598**	85.747**	42.581**

*Note:*\* $p < 0.05$ ; \*\* $p < 0.01$

Table 3: Multivariate OLS Regression: Health Investment Mechanism

	Endline Dependent Variable:			
	e_lit_per Literacy	e_num_per Numeracy	e_ef_per Executive Function	e_sel_per SEL
	(1)	(2)	(3)	(4)
CFIES: Few Experiences	0.063 (0.057)	−0.023 (0.048)	0.047 (0.056)	0.146** (0.061)
CFIES: Several Experiences	−0.038 (0.064)	−0.042 (0.053)	0.078 (0.062)	0.146** (0.061)
CFIES: Many Experiences	0.064 (0.073)	−0.022 (0.061)	0.146* (0.071)	0.146* (0.061)
FIES: Mild	−0.046 (0.077)	−0.021 (0.064)	−0.006 (0.075)	−0.019 (0.061)
FIES: Moderate	−0.181** (0.068)	−0.121* (0.057)	−0.105 (0.066)	0.008 (0.061)
FIES: Severe	−0.183* (0.078)	−0.083 (0.065)	−0.163* (0.076)	−0.021 (0.061)
Child Female	0.169** (0.041)	0.053 (0.034)	−0.028 (0.039)	−0.020 (0.039)
Child Age	0.088** (0.009)	0.060** (0.008)	0.066** (0.009)	0.001 (0.009)
Child Reported Poor Health	0.264 (0.274)	0.238 (0.228)	0.714** (0.266)	0.009 (0.228)
Child Reported Average Health	0.260 (0.257)	0.106 (0.214)	0.460 (0.250)	0.042 (0.228)
Child Reported Good Health	0.271 (0.251)	0.118 (0.209)	0.433 (0.244)	−0.048 (0.228)
Child Reported Very Good Health	0.333 (0.251)	0.125 (0.209)	0.468 (0.244)	−0.064 (0.228)
Child Reported Worse Relative Health	0.005 (0.247)	−0.193 (0.206)	0.055 (0.240)	−0.213 (0.228)
Child Reported Same Relative Health	−0.037 (0.240)	−0.100 (0.200)	0.099 (0.234)	−0.181 (0.228)
Child Reported Better Relative Health	−0.043 (0.238)	−0.079 (0.198)	0.103 (0.231)	−0.077 (0.228)
Child Reported Much Better Relative Health	−0.013 (0.238)	−0.025 (0.198)	0.191 (0.232)	−0.060 (0.228)
Lagged Outcome	0.391** (0.018)	0.604** (0.019)	0.325** (0.020)	0.190** (0.018)
Constant	−1.045** (0.330)	−0.792** (0.275)	−1.189** (0.321)	0.042 (0.228)
Observations	1,866	1,866	1,866	1,866
R <sup>2</sup>	0.309	0.428	0.193	0.065
Adjusted R <sup>2</sup>	0.301	0.421	0.183	0.054
Residual Std. Error (df = 1843)	0.854	0.711	0.831	0.723
F Statistic (df = 22; 1843)	37.465**	62.637**	20.046**	5.854**

Note:

\* $p < 0.05$ ; \*\* $p < 0.01$

Table 4: Multivariate OLS Regression: Psychological Investment Mechanism

	Endline Dependent Variable:			
	e_lit_per Literacy	e_num_per Numeracy	e_ef_per Executive Function	e_sel_per SEL
	(1)	(2)	(3)	(4)
CFIES: Few Experiences	0.093 (0.057)	-0.016 (0.048)	0.074 (0.056)	0.140** (0.049)
CFIES: Several Experiences	-0.009 (0.064)	-0.033 (0.054)	0.115 (0.063)	0.148** (0.055)
CFIES: Many Experiences	0.102 (0.073)	-0.020 (0.061)	0.168* (0.071)	0.131* (0.063)
FIES: Mild	-0.043 (0.076)	-0.011 (0.064)	0.023 (0.075)	-0.024 (0.065)
FIES: Moderate	-0.177** (0.068)	-0.089 (0.057)	-0.069 (0.066)	-0.004 (0.058)
FIES: Severe	-0.173* (0.077)	-0.045 (0.065)	-0.127 (0.076)	-0.049 (0.067)
Child Female	0.083** (0.010)	0.050** (0.008)	0.062** (0.009)	0.0004 (0.008)
Child Age	0.166** (0.041)	0.052 (0.034)	-0.039 (0.040)	-0.033 (0.035)
Child Self-Esteem	0.028** (0.007)	0.024** (0.006)	0.021** (0.007)	0.001 (0.006)
Child Education Aspiration	-0.127 (0.084)	0.319** (0.070)	0.124 (0.082)	0.102 (0.072)
Caregiver Education Aspiration for Child	0.403 (0.324)	0.312 (0.271)	-0.040 (0.317)	0.071 (0.278)
Lagged Outcome	0.394** (0.018)	0.602** (0.020)	0.324** (0.021)	0.209** (0.021)
Constant	-1.786** (0.408)	-1.881** (0.341)	-1.258** (0.399)	-0.269 (0.349)
Observations	1,832	1,832	1,832	1,832
R <sup>2</sup>	0.317	0.433	0.189	0.071
Adjusted R <sup>2</sup>	0.310	0.428	0.182	0.063
Residual Std. Error (df = 1814)	0.848	0.711	0.831	0.729
F Statistic (df = 17; 1814)	49.471**	81.472**	24.926**	8.187**

Note:

\* $p < 0.05$ ; \*\* $p < 0.01$