

Mechanisms as Outcomes: Food Insecurity Dummies

2024-04-12

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Baseline Results

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Multivariate Results

Table 1:

	e_ch_health	e_ch_health_rel	e_ch_health_dummy	e_ch_health_rel_dummy	e_enroll_ch
	<i>ordered</i> <i>logistic</i>	<i>ordered</i> <i>logistic</i>	<i>logistic</i>	<i>logistic</i>	<i>logistic</i>
	(1)	(2)	(3)	(4)	(5)
e_ch_fs_dummy	−0.336** (0.103)	−0.351** (0.102)	−0.470** (0.149)	−0.477** (0.128)	0.039 (0.128)
e_cg_fs_dummy	−0.054 (0.114)	−0.313** (0.109)	−0.482* (0.195)	−0.730** (0.171)	0.162 (0.128)
female	−0.023 (0.098)	−0.035 (0.095)	−0.080 (0.145)	0.016 (0.128)	0.120 (0.128)
age					−0.584** (0.128)
region_north_east	−0.922* (0.373)	−0.362 (0.333)	−0.350 (0.582)	−0.516 (0.482)	0.925** (0.128)
region_northern	−0.764* (0.349)	−0.345 (0.308)	−0.483 (0.543)	−0.598 (0.453)	0.789** (0.128)
region_upper_east	−1.481** (0.354)	−0.690* (0.315)	−0.908 (0.546)	−0.894 (0.460)	2.001** (0.128)
region_upper_west	−1.244** (0.359)	−0.715* (0.318)	−0.801 (0.555)	−0.938* (0.464)	2.526** (0.128)
treatment	−0.070 (0.122)	0.102 (0.118)	−0.035 (0.186)	0.118 (0.148)	−0.121 (0.128)
m_ch_health2	−0.435 (0.577)				
m_ch_health3	−0.053 (0.494)				
m_ch_health4	0.187 (0.478)				
m_ch_health5	0.397 (0.476)				
m_ch_health_rel2		−0.438 (0.458)			
m_ch_health_rel3		−0.641 (0.383)			
m_ch_health_rel4		−0.177 (0.374)			
m_ch_health_rel5		−0.165 (0.371)			
m_ch_health_dummy			0.497** (0.189)		
m_ch_health_rel_dummy				0.283 (0.148)	
m_enroll_ch					4.400** (0.128)
m_private_school					
m_hh_engagement					
m_ch_motiv					
m_ch_esteem					
m_attend2					
m_attend3					
m_attend4					
m_attend5					
Constant			2.737** (0.596)	2.503** (0.504)	−1.821** (0.128)
Observations	1,724	1,693	1,724	1,693	3,999
R ²					
Adjusted R ²					
Log Likelihood			−658.397	−838.210	−676.397
Akaike Inf. Crit.			1,336.795	1,696.420	1,375.795
Residual Std. Error					
F Statistic					

Note:

Table 2:

	Dependent variable:										
	e_ch_health	health	health	health	health_rel	duration	private_school	school_engagement	m_ch_motiv	e_ch_esteem	m_attend
	ordered logistic	ordered logistic	logistic		logistic	logistic	logistic	OLS	OLS	OLS	ordered logistic
	(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)	(9)	(10)
e_ch_fs_dummy	-0.274** (0.105)	-0.2075 (0.104)	0.12** (0.051)	(0.152)	0.407** (0.133)	0.014 (0.132)	-0.322* (0.183)	0.99** (0.171)	-0.110 (0.212)	0.562** (0.142)	-0.4428 (0.109)
e_cg_fs_dummy	-0.038 (0.296)	-0.295* (0.114)	0.163* (0.103)	(0.198)	-0.722** (0.172)	0.184 (0.237)	0.2234 (0.192)	0.308 (0.197)	-0.316 (0.251)	0.497** (0.172)	-0.1744 (0.122)
female	-0.044 (0.101)	-0.1017 (0.096)	0.115 (0.148)	(0.148)	-0.013 (0.130)	0.134 (0.060)	0.0 (0.150)	0.276 (0.149)	-0.016 (0.200)	0.088 (0.160)	0.181 (0.104)
age						-0.575** (0.052)	-0.525* (0.047)	0.04765** (0.144)	0.697 (0.858)		0.069 (0.099)
cg_age	0.006 (0.005)	0.0005 (0.004)	0.003 (0.007)	(0.007)	0.007 (0.006)	0.00001 (0.000)	-0.007 (0.007)	0.012 (0.008)	-0.004 (0.009)	0.008 (0.006)	0.001 (0.005)
cg_female	-0.158 (0.132)	-0.132 (0.112)	0.25 (0.186)	(0.186)	0.094 (0.153)	0.176 (0.200)	0.297 (0.200)	0.284 (0.205)	0.050 (0.246)	0.468** (0.170)	0.129 (0.129)
marital_status	-0.163 (0.126)	-0.126 (0.103)	0.239 (0.459)	(0.459)	-0.179 (0.407)	0.621 (0.382)	-0.382 (1.012)	0.786 (0.613)	0.259 (0.560)	0.384 (0.436)	0.140 (0.346)
cg_schooling	-0.025 (0.125)	-0.125 (0.100)	0.133 (0.152)	(0.152)	0.118 (0.132)	0.112 (0.257)	0.292 (0.178)	0.292 (0.187)	-0.074 (0.206)	-0.005 (0.131)	0.119 (0.119)
hh_size	-0.033* (0.018)	-0.033* (0.018)	0.039** (0.014)	(0.014)	-0.026* (0.012)	0.009 (0.010)	0.1035 (0.027)	0.10 (0.018)	-0.009 (0.022)	-0.006 (0.010)	0.109* (0.009)
languageDagbani	0.884 (1.618)	0.698 (1.618)	0.931720 (1.030)	(1.030)	1.570 (0.998)	2.429** (0.856)	0.608 (0.830)	1.365 (1.365)	-0.007 (1.357)	1.329 (0.900)	0.60 (0.801)
languageGruni	-0.812** (0.429)	-0.429 (0.429)	0.209420 (0.290)	(0.290)	-0.284 (0.257)	0.781 (0.505)	0.331 (0.378)	0.441 (0.441)	0.964* (0.462)	-0.637* (0.263)	0.614 (0.614)
languageOther	-0.127 (0.832)	-0.127 (0.832)	0.407440 (0.827)	(0.827)	1.380 (0.795)	1.648* (0.700)	0.701* (0.471)	0.268 (0.756)	0.260 (0.809)	0.235 (0.532)	0.689 (0.616)
languageSissali	-0.503 (0.301)	-0.503 (0.301)	0.460790 (0.894)	(0.894)	0.881 (0.837)	1.176** (0.327)	0.6441** (0.642)	0.859 (0.859)	0.449 (0.947)	0.350 (0.616)	0.464 (0.648)
region_north_east	-0.939* (0.468)	-0.939* (0.468)	0.332288 (0.589)	(0.589)	-0.558 (0.489)	0.915** (0.329)	0.557297** (0.557)	0.297** (0.496)	0.169 (0.700)	-0.499 (0.562)	0.258 (0.258)
region_northern	-0.729* (0.376)	-0.729* (0.376)	0.310510 (0.555)	(0.555)	-0.660 (0.460)	0.722* (0.292)	0.51821** (0.292)	0.469 (0.469)	0.571 (0.663)	0.122 (0.532)	0.240 (0.240)
region_upper_east	-0.163 (0.475)	-0.163 (0.475)	0.970798 (1.147)	(1.147)	0.560 (1.086)	3.876** (0.838)	0.9331977 (0.933)	1.397 (1.397)	0.024 (1.461)	-1.960 (1.178)	0.596 (0.596)
region_upper_west	-0.025 (0.763)	-0.025 (0.763)	0.913123 (1.008)	(1.008)	-0.607 (0.937)	1.436** (0.938)	0.912367 (0.912)	1.269 (1.269)	-1.919 (1.338)	2.235* (0.939)	0.610 (0.610)
treatment	-0.065 (0.102)	-0.065 (0.102)	0.148033 (0.189)	(0.189)	0.115 (0.150)	0.134 (0.213)	0.180 (0.213)	0.208 (0.208)	-0.150 (0.238)	0.388* (0.170)	0.159 (0.125)
m_ch_health2	-0.533 (0.572)										
m_ch_health3	-0.078 (0.508)										
m_ch_health4	0.133 (0.493)										
m_ch_health5	0.352 (0.489)										
m_ch_health_rel2	-0.461 (0.455)										
m_ch_health_rel3	-0.708 (0.391)										
m_ch_health_rel4	-0.229 (0.381)										
m_ch_health_rel5	-0.195 (0.377)										
m_ch_health_dummy		0.467* (0.192)									
m_ch_health_rel_dummy			0.281 (0.148)								
m_enroll_ch					4.391** (0.178)						
m_private_school						4.248** (0.178)					
m_hh_engagement							0.234** (0.020)				
m_ch_motiv								0.067** (0.026)			
m_ch_esteem									0.029 (0.025)		
m_attend2										2.063** (0.242)	(0.242)
m_attend3										2.507** (0.254)	(0.254)
m_attend4										3.460** (0.311)	(0.311)
m_attend5										8.245** (0.433)	(0.433)
Constant			1.354 (1.212)		0.876 (1.144)	1.375** (1.030)	1.4389** (1.438)	1.52029.826** (1.520)	1.8628.335** (1.862)		
Observations	1,724	1,693	1,724		1,693	3,995	3,995	2,797	1,771	1,709	3,995
R ²								0.178	0.058	0.063	
Adjusted R ²								0.172	0.048	0.053	
Log Likelihood			-649.827		-828.505	-669.548	700.655				
Akaike Inf. Crit.			1,337.654		1,695.011	1,379.096	441.311				
Residual Std. Error								3.856 (df = 2777)	1.720 (df = 1253)	1.37 (df = 1690)	
F Statistic								31.657** (df = 18; 1690)			

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