Tables for 2024 submission
June 4, 2024
06:14
Seiro Ito

Contents

I Main text tables

Table 1: Main estimation results 1999-2002

	Boys+girls			Boys			Girls	
Covariates	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Agricultural HH * year 2002	−0.056	−0.066*	−0.090**	−0.129	−0.155**	−0.144***	0.010	−0.027
	(27.5)	(6.0)	(1.1)	(12.4)	(1.6)	(0.4)	(88.6)	(71.4)
	[-0.169, 0.057]	[-0.136, 0.004]	[-0.151, -0.029]	[-0.305, 0.047]	[-0.270, -0.040]	[-0.221, -0.067]	[-0.159, 0.180]	[-0.196, 0.143]
___ * Older sisters			−0.023			−0.084*		
			(54.4)			(8.4)		
			[-0.114, 0.068]			[-0.185, 0.017]		
___ * Older brothers			−0.090			−0.028		
			(10.8)			(66.6)		
			[-0.209, 0.028]			[-0.190, 0.134]		
$\bar{R}^2$	0.0033	0.4432	0.4868	0.0173	0.3734	0.4186	0.0001	0.5926
N: agHH		360			189			171
N		626			306			320
mean of control in 1999		0.7744			0.7094			0.8255
mean of treated in 1999		0.7111			0.6402			0.7895
mean of control in 2002		0.5000			0.4786			0.5168
mean of treated in 2002		0.3806			0.2804			0.4912
Common specifications								
Covariates, thana trends		Y	Y		Y	Y		Y
HH trends			Y			Y		

Source: Compiled from IFPRI data.

Notes: Agricultural HH + year 2002 is an interaction term of agricultural household dummy and year 2002 dummy. All interaction terms are demeaned. For each panel, first columns are raw DID. Second columns add time-varying thana level characteristics (yield, mean rainfall, mean high temperature, mean low temperature), individual level characteristics (age squared, recipient of a poverty program), and Thana trends that are interactions of year 2002 dummy with Thana fixed effects. Third columns add interactions of year 2002 dummy and individual level characterstics (sex of individual, household head's and spouse's education, number of older male/female siblings, per member land holding, per member non land asset holding, piped water access, structured toilet access) $\mathbf{x}_i r_t$, and triple interactions of year 2002 dummy, individual characteristics, and agricultural household dummy $\mathbf{x}_i r_t D_i$. Rows of ___ $* x$ show estimates of the triple interaction term of x_i, or $x_i r_t D_i$. Parental education variables are strongly collinear with agricultural household dummy and are used only in year 2002 interaction terms to avoid multicollinearity.,

TABLE 2: MAIN ESTIMATION RESULTS 1999-2002, BY SCHOOL LEVEL

	Boys+Girls			Boys			Girls		
				A. Primary school ages					
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Agricultural HH * year 2002	0.012	0.009	0.004	0.101	0.048	0.093	−0.072*	−0.045	−0.083
	(77.2)	(78.2)	(92.0)	(32.0)	(41.5)	(10.5)	(9.6)	(44.8)	(29.4)
	[-0.080, 0.103]	[-0.063, 0.080]	[-0.084, 0.092]	[-0.123, 0.325]	[-0.085, 0.182]	[-0.026, 0.213]	[-0.161, 0.017]	[-0.178, 0.088]	[-0.256, 0.091]
$\bar{R}^2$	0.0001	0.3837	0.4095	0.0091	0.3959	0.4552	0.0051	0.4085	0.4342
N		507			253			254	
mean of control in 1999		0.8312			0.8584			0.8065	
mean of treated in 1999		0.7926			0.7714			0.8154	
mean of control in 2002		0.8270			0.7788			0.8710	
mean of treated in 2002		0.8000			0.7929			0.8077	
				B. Secodary school ages					
	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
Agricultural HH * year 2002	−0.069	−0.087*	−0.099**	−0.173**	−0.192***	−0.157***	0.014	−0.029	−0.084
	(21.3)	(8.1)	(2.0)	(2.5)	(0.2)	(0.3)	(85.5)	(70.5)	(20.8)
	[-0.188, 0.051]	[-0.189, 0.015]	[-0.175, -0.022]	[-0.316, -0.029]	[-0.286, -0.098]	[-0.233, -0.082]	[-0.165, 0.194]	[-0.209, 0.150]	[-0.228, 0.061]
$\bar{R}^2$	0.0048	0.4683	0.5275	0.0311	0.3997	0.4723	0.0002	0.6105	0.6465
N		486			228			258	
mean of control in 1999		0.7413			0.6667			0.7949	
mean of treated in 1999		0.6877			0.5903			0.7872	
mean of control in 2002		0.4627			0.4643			0.4615	
mean of treated in 2002		0.3404			0.2153			0.4681	
Common specifications									
Covariates, thana trends		Y	Y		Y	Y		Y	Y
HH trends			Y			Y			Y

Source: Compiled from IFPRI data.

Notes: Agricultural HH + year 2002 is an interaction term of agricultural household dummy and year 2002 dummy. All interaction terms are demeaned. For each panel, first columns are raw DID. Second columns add time-varying thana level characteristics (yield, mean rainfall, mean high temperature, mean low temperature), individual level characteristics (age squared, recipient of a poverty program), and Thana trends that are interactions of year 2002 dummy with Thana fixed effects. Third columns add interactions of year 2002 dummy and individual level characterstics (sex of individual, household head's and spouse's education, number of older male/female siblings, per member land holding, per member non land asset holding, piped water access, structured toilet access) $\mathbf{x}_i r_t$, and triple interactions of year 2002 dummy, individual characteristics, and agricultural household dummy $\mathbf{x}_i r_t D_i$. Rows of $\_\_\_ * x$ show estimates of the triple interaction term of x_i, or $x_i r_t D_i$. Parental education variables are strongly collinear with agricultural household dummy and are used only in year 2002 interaction terms to avoid multicollinearity.,

TABLE 3: PLACEBO ESTIMATION 2002-2006, 1999 AND 2002 COHORTS

	Boys+Girls			Boys			Girls		
				A. 2002 cohort					
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Agricultural HH * year 2006	−0.053	−0.030	−0.044	0.004	−0.020	−0.029	−0.106*	−0.037	−0.049
	(14.2)	(40.6)	(35.7)	(93.5)	(57.9)	(35.6)	(7.9)	(44.4)	(49.3)
	[-0.129, 0.023]	[-0.112, 0.051]	[-0.149, 0.062]	[-0.098, 0.105]	[-0.100, 0.061]	[-0.098, 0.041]	[-0.228, 0.016]	[-0.147, 0.073]	[-0.213, 0.114]
$\bar{R}^2$	0.0030	0.2022	0.2250	0.0000	0.1124	0.1738	0.0115	0.3404	0.3635
N: agHH		492			243			249	
N		812			386			426	
mean of control in 2002		0.6844			0.6573			0.7062	
mean of treated in 2002		0.5955			0.5391			0.6506	
mean of control in 2006		0.4406			0.3986			0.4746	
mean of treated in 2006		0.2988			0.2840			0.3133	
Common specifications									
Covariates, thana trends		Y	Y		Y	Y		Y	Y
HH trends			Y			Y			Y
				B. 1999 cohort					
	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
Agricultural HH * year 2006	−0.023	−0.031	−0.033	0.030	0.007	0.001	−0.084	−0.058	−0.069
	(61.1)	(22.9)	(39.5)	(55.0)	(87.2)	(98.7)	(27.5)	(28.1)	(27.8)
	[-0.128, 0.082]	[-0.088, 0.026]	[-0.120, 0.054]	[-0.086, 0.146]	[-0.101, 0.116]	[-0.114, 0.116]	[-0.256, 0.087]	[-0.177, 0.062]	[-0.212, 0.074]
$\bar{R}^2$	0.0006	0.2930	0.3208	0.0011	0.1051	0.1628	0.0076	0.4895	0.5205
N: agHH		379			196			183	
N		616			304			312	
mean of control in 2002		0.4979			0.4722			0.5194	
mean of treated in 2002		0.3852			0.2908			0.4863	
mean of control in 2006		0.2785			0.2685			0.2868	
mean of treated in 2006		0.1425			0.1173			0.1694	
Common specifications									
Covariates, thana trends		Y	Y		Y	Y		Y	Y
HH trends			Y			Y			Y

Source: Compiled from IFPRI data.

Notes: Agricultural HH + year 2002 is an interaction term of agricultural household dummy and year 2002 dummy. All interaction terms are demeaned. For each panel, first columns are raw DID. Second columns add time-varying thana level characteristics (yield, mean rainfall, mean high temperature, mean low temperature), individual level characteristics (age squared, recipient of a poverty program), and Thana trends that are interactions of year 2002 dummy with Thana fixed effects. Third columns add interactions of year 2002 dummy and individual level characterstics (sex of individual, household head's and spouse's education, number of older male/female siblings, per member land holding, per member non land asset holding, piped water access, structured toilet access) $\mathbf{x}_i r_t$, and triple interactions of year 2002 dummy, individual characteristics, and agricultural household dummy $\mathbf{x}_i r_t D_i$. Rows of ___ $* x$ show estimates of the triple interaction term of x_i, or $x_i r_t D_i$. Parental education variables are strongly collinear with agricultural household dummy and are used only in year 2002 interaction terms to avoid multicollinearity.,

TABLE 4: ALTERNATIVE MECHANISMS, FLOOD AND NON-MUSLIMS

	Boys+girls			Boys			Girls		
				A. Non Muslims					
Covariates	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Agricultural HH * year 2002	−0.056	−0.083**	−0.090**	−0.129	−0.162**	−0.144***	0.010	−0.023	−0.051
	(27.5)	(1.1)	(2.2)	(12.4)	(1.4)	(0.3)	(88.6)	(75.9)	(48.0)
	[-0.169, 0.057]	[-0.140, -0.026]	[-0.162, -0.018]	[-0.305, 0.047]	[-0.280, -0.045]	[-0.213, -0.074]	[-0.159, 0.180]	[-0.195, 0.149]	[-0.219, 0.116]
Non-Muslim * year 2002		0.072	0.076		0.116	0.085*		0.070	0.094
		(30.7)	(16.0)		(22.2)	(5.4)		(26.8)	(27.7)
		[-0.112, 0.256]	[-0.050, 0.201]		[-0.131, 0.364]	[-0.002, 0.172]		[-0.087, 0.227]	[-0.119, 0.308]
___ * Ag HH		0.040	0.022		−0.160	−0.218		0.111	0.118
		(69.7)	(80.1)		(34.2)	(17.2)		(25.6)	(26.9)
		[-0.265, 0.345]	[-0.227, 0.272]		[-0.660, 0.339]	[-0.609, 0.172]		[-0.138, 0.360]	[-0.144, 0.379]
$\bar{R}^2$	0.0033	0.4699	0.4906	0.0173	0.3795	0.4351	0.0001	0.5954	0.6207
N: Muslims		77			36			41	
N		626			306			320	
mean of control in 1999		0.7744			0.7094			0.8255	
mean of treated in 1999		0.7111			0.6402			0.7895	
mean of control in 2002		0.5000			0.4786			0.5168	
				B. Flooded					
Covariates	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
Agricultural HH * year 2002	−0.054	−0.065*	−0.088**	−0.140*	−0.163***	−0.151***	0.018	−0.024	−0.045
	(29.4)	(7.9)	(1.8)	(7.2)	(0.8)	(0.2)	(81.4)	(72.4)	(50.9)
	[-0.167, 0.059]	[-0.141, 0.011]	[-0.154, -0.022]	[-0.297, 0.017]	[-0.264, -0.063]	[-0.214, -0.087]	[-0.156, 0.191]	[-0.188, 0.139]	[-0.205, 0.115]
Flood * year 2002	−0.015	−0.051**	−0.040	0.053	0.005	0.058	−0.072	−0.116***	−0.113***
	(55.9)	(1.6)	(16.3)	(51.0)	(82.6)	(21.0)	(19.7)	(0.2)	(0.8)
	[-0.077, 0.048]	[-0.086, -0.017]	[-0.102, 0.022]	[-0.145, 0.251]	[-0.062, 0.072]	[-0.043, 0.160]	[-0.200, 0.056]	[-0.165, -0.067]	[-0.183, -0.042]
___ * Ag HH		0.035	0.032		−0.135	−0.080		0.153	0.152
		(55.8)	(55.5)		(20.9)	(43.3)		(30.9)	(25.8)
		[-0.111, 0.180]	[-0.101, 0.166]		[-0.379, 0.109]	[-0.322, 0.161]		[-0.205, 0.511]	[-0.160, 0.464]
$\bar{R}^2$	0.0035	0.4435	0.4871	0.0201	0.3775	0.4198	0.0050	0.5977	0.6171
N: Flooded		390			186			204	
N		626			306			320	
mean of control in 1999		0.7744			0.7094			0.8255	
mean of treated in 1999		0.7111			0.6402			0.7895	
mean of control in 2002		0.5000			0.4786			0.5168	
Common specifications									
Covariates, thana trends			*Y*			*Y*			*Y*
HH trends			*Y*			*Y*			*Y*

Source: Compiled from IFPRI data.

Notes: Agricultural HH + year 2002 is an interaction term of agricultural household dummy and year 2002 dummy. All interaction terms are demeaned. For each panel, first columns are raw DID. Second columns add time-varying thana level characteristics (yield, mean rainfall, mean high temperature, mean low temperature), individual level characteristics (age squared, recipient of a poverty program), and Thana trends that are interactions of year 2002 dummy with Thana fixed effects. Third columns add interactions of year 2002 dummy and individual level characterstics (sex of individual, household head's and spouse's education, number of older male/female siblings, per member land holding, per member non land asset holding, piped water access, structured toilet access) $\mathbf{x}_i r_t$, and triple interactions of year 2002 dummy, individual characteristics, and agricultural household dummy $\mathbf{x}_i r_t D_i$. Rows of ___ $* x$ show estimates of the triple interaction term of x_i, or $x_i r_t D_i$. Parental education variables are strongly collinear with agricultural household dummy and are used only in year 2002 interaction terms to avoid multicollinearity.,

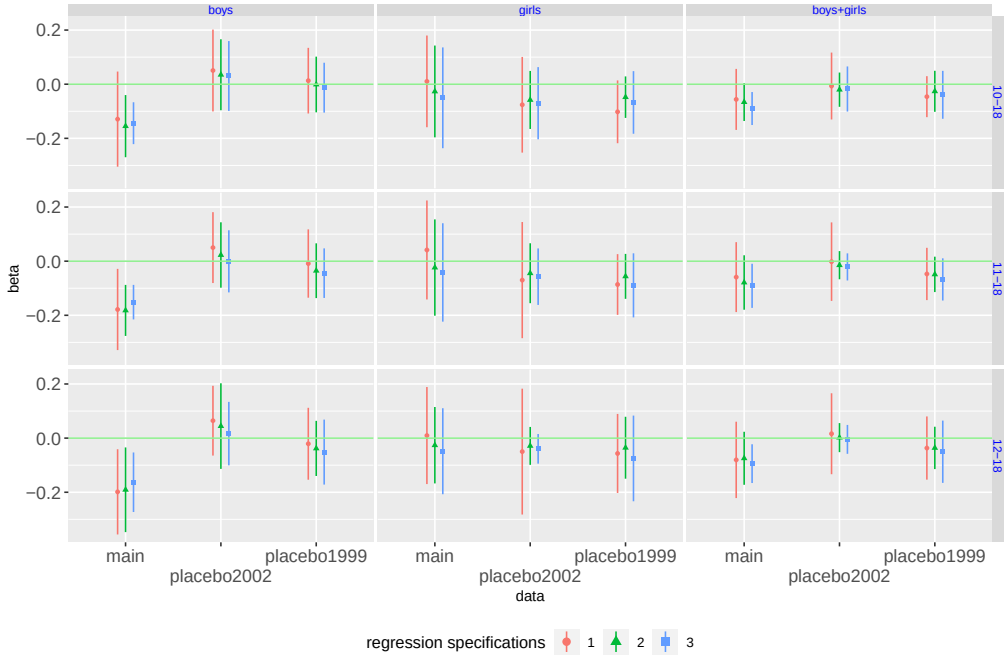
TABLE 5: OTHER SCHOOLING OUTCOMES, GRADE PROGRESSION AND DAYS ABSENT

	Grade progression			Days absent		
	A. Students enrolled in 1999					
	(1)	(2)	(3)			
Agricultural household	−0.460***	−0.483***	−0.488***			
	(0.4)	(0.4)	(0.7)			
	[-0.719, -0.201]	[-0.743, -0.224]	[-0.788, -0.187]			
$\bar{R}^2$	0.0157	0.2541	0.2879			
N: agHH		230				
N		393				
mean of control in 1999		5.2025				
mean of treated in 1999		5.0261				
mean of control in 2002		7.2883				
mean of treated in 2002		6.7565				
	B. Students enrolled in 1999 and 2002					
	(4)	(5)	(6)	(7)	(8)	(9)
Agricultural household	−0.214	−0.279*	−0.315**	0.688**	0.982**	0.917*
	(12.6)	(6.4)	(1.9)	(3.0)	(1.0)	(7.5)
	[-0.507, 0.079]	[-0.579, 0.021]	[-0.559, -0.070]	[0.090, 1.286]	[0.327, 1.637]	[-0.123, 1.957]
$\bar{R}^2$	0.0026	0.2110	0.2479	0.0120	0.0802	0.1641
N: agHH		141			144	
N		260			263	
mean of control in 1999		5.0504			3.3697	
mean of treated in 1999		4.7021			3.3773	
mean of control in 2002		7.4202			2.7857	
mean of treated in 2002		6.9504			3.7500	
	C. Students enrolled in 1999 and 2002, cross section OLS of 2000					
				(10)	(11)	(12)
Agricultural household				0.010	−0.172	−0.171
				(96.8)	(57.5)	(59.1)
				[-0.594, 0.615]	[-0.876, 0.533]	[-0.908, 0.566]
$\bar{R}^2$				0.0000	0.0444	0.1748
N: agHH					144	
N					263	
mean of control in 1999					3.3697	
mean of treated in 1999					3.3773	
	D. Students enrolled in 1999 and 2002, cross section OLS of 2003					
				(13)	(14)	(15)
Agricultural household				0.698	0.829	0.704
				(10.5)	(11.4)	(17.6)
				[-0.193, 1.590]	[-0.265, 1.923]	[-0.417, 1.824]
$\bar{R}^2$				0.0194	0.0788	0.1685
N: agHH					144	
N					263	
mean of control in 2002					2.7857	
mean of treated in 2002					3.7500	
Common specifications						
Covariates, thana trends			Y			Y
HH trends			Y			Y

Source: Compiled from IFPRI data.

Notes: Agricultural HH + year 2002 is an interaction term of agricultural household dummy and year 2002 dummy. All interaction terms are demeaned. For each panel, first columns are raw DID. Second columns add time-varying thana level characteristics (yield, mean rainfall, mean high temperature, mean low temperature), individual level characteristics (age squared, recipient of a poverty program), and Thana trends that are interactions of year 2002 dummy with Thana fixed effects. Third columns add interactions of year 2002 dummy and individual level characterstics (sex of individual, household head's and spouse's education, number of older male/female siblings, per member land holding, per member non land asset holding, piped water access, structured toilet access) $\mathbf{x}_i r_t$, and triple interactions of year 2002 dummy, individual characteristics, and agricultural household dummy $\mathbf{x}_i r_t D_i$. Rows of ___ $* x$ show estimates of the triple interaction term of x_i, or $x_i r_t D_i$. Parental education variables are strongly collinear with agricultural household dummy and are used only in year 2002 interaction terms to avoid multicollinearity.,

FIGURE 1: IMPACTS BY AGE LOWERBOUND, 1999-2002



Source: Compiled from IFPRI data.

Notes: 1. 10-18, 11-18, 12-18 indicate age range of each sample. The coefficients are dummies for agri-HH × year 2002.

2. Specifications 1 - 3 correspond to the same specifications in TABLE **??**.

3. Error bars are 95% confidence intervals using standard errors clustered at thana level with a Satterthwaite correction for small number of clusters.

II Appendix figures and tables

II.1 Main

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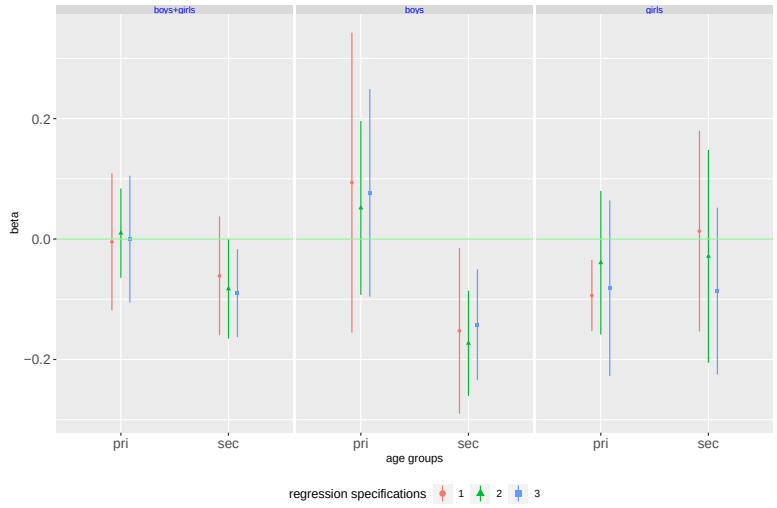
TABLE 6: MAIN RESULTS 1999-2002

	Boys+girls			Boys			Girls		
	Spec 1	Spec 2	Spec 3	Spec 1	Spec 2	Spec 3	Spec 1	Spec 2	Spec 3
A. AgHH def: Head's reply	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Agricultural HHs * year 2002	−0.0897*	−0.0761**	−0.0846**	−0.1749*	−0.1521***	−0.1445***	−0.0097	−0.0294	−0.0423
	(8.8)	(2.6)	(2.3)	(6.9)	(0.9)	(0.1)	(83.8)	(66.3)	(58.5)
	[-0.197, 0.018]	[-0.140, -0.012]	[-0.153, -0.016]	[-0.368, 0.019]	[-0.251, -0.053]	[-0.206, -0.083]	[-0.119, 0.100]	[-0.187, 0.128]	[-0.223, 0.138]
$\bar{R}^2$	0.0085	0.4446	0.4839	0.0328	0.3738	0.4199	0.0001	0.5928	0.6084
N: Agricultural HHs		346			177			169	
N		626			306			320	
Mean of control in 1999		0.7464			0.6512			0.8278	
Mean of treated in 1999		0.7312			0.6780			0.7870	
Mean of control in 2002		0.4893			0.4419			0.5298	
Mean of treated in 2002		0.3844			0.2938			0.4793	
B. AgHH def: Income source	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
Agricultural HHs * year 2002	−0.0561	−0.0661*	−0.0899**	−0.1290	−0.1550**	−0.1441***	0.0105	−0.0268	−0.0503
	(27.5)	(6.0)	(1.1)	(12.4)	(1.6)	(0.4)	(88.6)	(71.4)	(53.2)
	[-0.169, 0.057]	[-0.136, 0.004]	[-0.151, -0.029]	[-0.305, 0.047]	[-0.270, -0.040]	[-0.221, -0.067]	[-0.159, 0.180]	[-0.196, 0.143]	[-0.237, 0.136]
$\bar{R}^2$	0.0033	0.4432	0.4868	0.0173	0.3734	0.4186	0.0001	0.5926	0.6124
N: Agricultural HHs		360			189			171	
N		626			306			320	
Mean of control in 1999		0.7744			0.7094			0.8255	
Mean of treated in 1999		0.7111			0.6402			0.7895	
Mean of control in 2002		0.5000			0.4786			0.5168	
Mean of treated in 2002		0.3806			0.2804			0.4912	
C. AgHH def: Occupation	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)
Agricultural HHs * year 2002	−0.0111	−0.0402	−0.0535**	−0.0556	−0.1194**	−0.1024**	0.0313	−0.0024	−0.0172
	(79.3)	(12.4)	(2.7)	(40.9)	(3.7)	(4.7)	(67.4)	(96.9)	(80.3)
	[-0.108, 0.085]	[-0.095, 0.014]	[-0.099, -0.008]	[-0.206, 0.095]	[-0.229, -0.010]	[-0.203, -0.002]	[-0.140, 0.202]	[-0.148, 0.144]	[-0.178, 0.144]
$\bar{R}^2$	0.0001	0.4407	0.4790	0.0033	0.3655	0.4043	0.0010	0.5920	0.6064
N: Agricultural HHs		340			180			160	
N		626			306			320	
Mean of control in 1999		0.7867			0.7222			0.8375	
Mean of treated in 1999		0.6971			0.6278			0.7750	
Mean of control in 2002		0.4860			0.4444			0.5188	
Mean of treated in 2002		0.3853			0.2944			0.4875	
D. AgHH def: Combined	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)
Agricultural HHs * year 2002	−0.0419	−0.0571*	−0.0770**	−0.0975	−0.1287**	−0.1202**	0.0088	−0.0242	−0.0472
	(38.8)	(7.7)	(3.2)	(24.2)	(3.5)	(1.8)	(90.5)	(74.6)	(56.7)
	[-0.151, 0.067]	[-0.123, 0.008]	[-0.144, -0.009]	[-0.280, 0.085]	[-0.245, -0.012]	[-0.211, -0.029]	[-0.163, 0.180]	[-0.200, 0.152]	[-0.240, 0.145]
$\bar{R}^2$	0.0018	0.4421	0.4839	0.0096	0.3662	0.4148	0.0001	0.5925	0.6104
N: Agricultural HHs		384			197			187	
N		626			306			320	
Mean of control in 1999		0.7769			0.7156			0.8271	
Mean of treated in 1999		0.7135			0.6396			0.7914	
Mean of control in 2002		0.4959			0.4679			0.5188	
Mean of treated in 2002		0.3906			0.2944			0.4920	

Source: Compiled from IFPRI data.

Notes: Agricultural HH + year 2002 is an interaction term of agricultural household dummy and year 2002 dummy. All interaction terms are demeaned. For each panel, first columns are raw DID. Second columns add time-varying thana level characteristics (yield, mean rainfall, mean high temperature, mean low temperature), individual level characteristics (age squared, recipient of a poverty program), and Thana trends that are interactions of year 2002 dummy with Thana fixed effects. Third columns add interactions of year 2002 dummy and individual level characterstics (sex of individual, household head's and spouse's education, number of older male/female siblings, per member land holding, per member non land asset holding, piped water access, structured toilet access) $\mathbf{x}_i r_t$, and triple interactions of year 2002 dummy, individual characteristics, and agricultural household dummy $\mathbf{x}_i r_t D_i$. Rows of ___ $* x$ show estimates of the triple interaction term of x_i, or $x_i r_t D_i$. Parental education variables are strongly collinear with agricultural household dummy and are used only in year 2002 interaction terms to avoid multicollinearity.,

FIGURE 2: IMPACTS BY AGE GROUP, 1999-2002, 6-17 YEARS OLD IN 1999



Source: Compiled from IFPRI data.

Notes: 1. "pri" and "sec" mean enrolled in primary and secondary grades, aged 6-10 and 11-17 years in 1999, respectively. The coefficients are dummies for agri-HH × year 2002.

2. Specifications 1 - 3 correspond to the same specifications in TABLE **??**.

3. Error bars are 95% confidence intervals using standard errors clustered at thana level with a Satterthwaite correction for small number of clusters.

TABLE 7: MAIN RESULTS 1999-2002

	Boys+girls			Boys			Girls		
	Spec 1	Spec 2	Spec 3	Spec 1	Spec 2	Spec 3	Spec 1	Spec 2	Spec 3
A. AgHH def: Head's reply	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Agricultural HHs * year 2002	−0.0897*	−0.0761**	−0.0846**	−0.1749*	−0.1521***	−0.1445***	−0.0097	−0.0294	−0.0423
	(8.8)	(2.6)	(2.3)	(6.9)	(0.9)	(0.1)	(83.8)	(66.3)	(58.5)
	[-0.197, 0.018]	[-0.140, -0.012]	[-0.153, -0.016]	[-0.368, 0.019]	[-0.251, -0.053]	[-0.206, -0.083]	[-0.119, 0.100]	[-0.187, 0.128]	[-0.223, 0.138]
___ * Older sisters			−0.0281			−0.0817			0.0088
			(43.0)			(10.7)			(93.1)
			[-0.113, 0.057]			[-0.189, 0.026]			[-0.248, 0.266]
___ * Older brothers			−0.0573			−0.0057			−0.0721
			(28.8)			(91.1)			(22.2)
			[-0.179, 0.064]			[-0.128, 0.117]			[-0.204, 0.060]
$\bar{R}^2$	0.0085	0.4446	0.4839	0.0328	0.3738	0.4199	0.0001	0.5928	0.6084
N: Agricultural HHs		346			177			169	
N		626			306			320	
Mean of control in 1999		0.7464			0.6512			0.8278	
Mean of treated in 1999		0.7312			0.6780			0.7870	
Mean of control in 2002		0.4893			0.4419			0.5298	
Mean of treated in 2002		0.3844			0.2938			0.4793	
B. AgHH def: Income source	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
Agricultural HHs * year 2002	−0.0561	−0.0661*	−0.0899**	−0.1290	−0.1550**	−0.1441***	0.0105	−0.0268	−0.0503
	(27.5)	(6.0)	(1.1)	(12.4)	(1.6)	(0.4)	(88.6)	(71.4)	(53.2)
	[-0.169, 0.057]	[-0.136, 0.004]	[-0.151, -0.029]	[-0.305, 0.047]	[-0.270, -0.040]	[-0.221, -0.067]	[-0.159, 0.180]	[-0.196, 0.143]	[-0.237, 0.136]
___ * Older sisters			−0.0228			−0.0840*			0.0080
			(54.4)			(8.4)			(93.6)
			[-0.114, 0.068]			[-0.185, 0.017]			[-0.241, 0.257]
___ * Older brothers			−0.0904			−0.0280			−0.1040**
			(10.8)			(66.6)			(2.6)
			[-0.209, 0.028]			[-0.190, 0.134]			[-0.189, -0.019]
$\bar{R}^2$	0.0033	0.4432	0.4868	0.0173	0.3734	0.4186	0.0001	0.5926	0.6124
N: Agricultural HHs		360			189			171	
N		626			306			320	
Mean of control in 1999		0.7744			0.7094			0.8255	
Mean of treated in 1999		0.7111			0.6402			0.7895	
Mean of control in 2002		0.5000			0.4786			0.5168	
Mean of treated in 2002		0.3806			0.2804			0.4912	

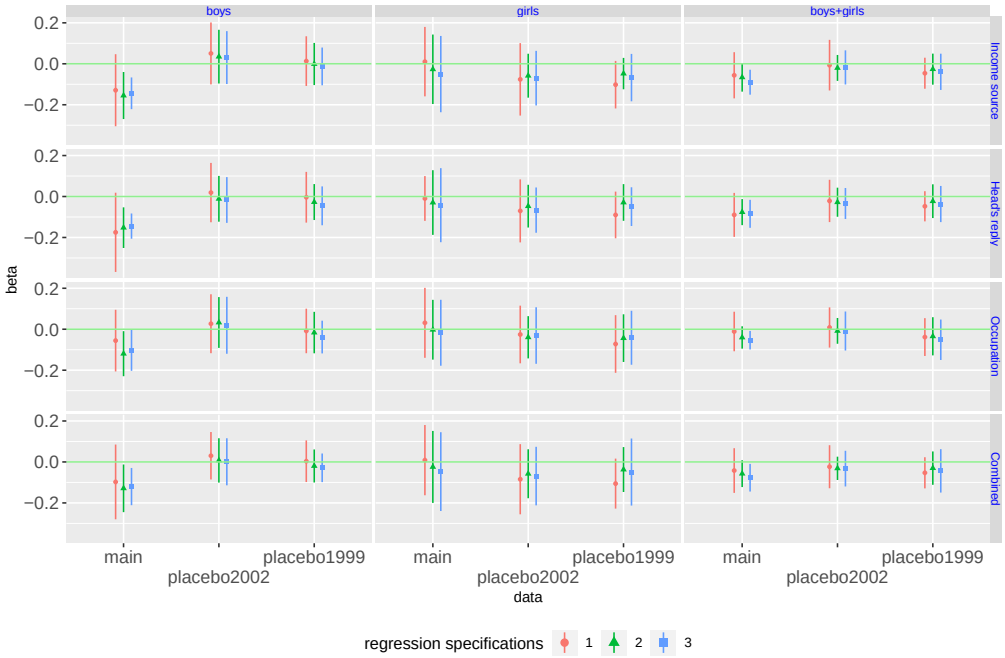
TABLE 7: MAIN RESULTS 1999-2002 (CONTINUED)

	Boys+girls			Boys			Girls		
C. AgHH def: Occupation	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)
Agricultural HHs * year 2002	−0.0111 (79.3) [-0.108, 0.085]	−0.0402 (12.4) [-0.095, 0.014]	−0.0535** (2.7) [-0.099, -0.008]	−0.0556 (40.9) [-0.206, 0.095]	−0.1194** (3.7) [-0.229, -0.010]	−0.1024** (4.7) [-0.203, -0.002]	0.0313 (67.4) [-0.140, 0.202]	−0.0024 (96.9) [-0.148, 0.144]	−0.0172 (80.3) [-0.178, 0.144]
___ * Older sisters			−0.0159 (63.9) [-0.098, 0.067]			−0.0758 (15.2) [-0.192, 0.041]			0.0265 (74.9) [-0.178, 0.230]
___ * Older brothers			−0.0672 (24.0) [-0.195, 0.060]			−0.0312 (61.5) [-0.182, 0.120]			−0.0563 (36.0) [-0.198, 0.086]
$\bar{R}^2$	0.0001	0.4407	0.4790	0.0033	0.3655	0.4043	0.0010	0.5920	0.6064
N: Agricultural HHs		340			180			160	
N		626			306			320	
Mean of control in 1999		0.7867			0.7222			0.8375	
Mean of treated in 1999		0.6971			0.6278			0.7750	
Mean of control in 2002		0.4860			0.4444			0.5188	
Mean of treated in 2002		0.3853			0.2944			0.4875	
D. AgHH def: Combined	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)
Agricultural HHs * year 2002	−0.0419 (38.8) [-0.151, 0.067]	−0.0571* (7.7) [-0.123, 0.008]	−0.0770** (3.2) [-0.144, -0.009]	−0.0975 (24.2) [-0.280, 0.085]	−0.1287** (3.5) [-0.245, -0.012]	−0.1202** (1.8) [-0.211, -0.029]	0.0088 (90.5) [-0.163, 0.180]	−0.0242 (74.6) [-0.200, 0.152]	−0.0472 (56.7) [-0.240, 0.145]
___ * Older sisters			−0.0286 (44.4) [-0.119, 0.062]			−0.1106** (3.7) [-0.210, -0.011]			0.0289 (77.1) [-0.219, 0.277]
___ * Older brothers			−0.0964 (11.9) [-0.229, 0.036]			−0.0521 (41.9) [-0.209, 0.105]			−0.0911 (15.1) [-0.231, 0.048]
$\bar{R}^2$	0.0018	0.4421	0.4839	0.0096	0.3662	0.4148	0.0001	0.5925	0.6104
N: Agricultural HHs		384			197			187	
N		626			306			320	
Mean of control in 1999		0.7769			0.7156			0.8271	
Mean of treated in 1999		0.7135			0.6396			0.7914	
Mean of control in 2002		0.4959			0.4679			0.5188	
Mean of treated in 2002		0.3906			0.2944			0.4920	

Source: Compiled from IFPRI data.

Notes: Agricultural HH + year 2002 is an interaction term of agricultural household dummy and year 2002 dummy. All interaction terms are demeaned. For each panel, first columns are raw DID. Second columns add time-varying thana level characteristics (yield, mean rainfall, mean high temperature, mean low temperature), individual level characteristics (age squared, recipient of a poverty program), and Thana trends that are interactions of year 2002 dummy with Thana fixed effects. Third columns add interactions of year 2002 dummy and individual level characterstics (sex of individual, household head's and spouse's education, number of older male/female siblings, per member land holding, per member non land asset holding, piped water access, structured toilet access) $\mathbf{x}_i r_t$, and triple interactions of year 2002 dummy, individual characteristics, and agricultural household dummy $\mathbf{x}_i r_t D_i$. Rows of ___ $* x$ show estimates of the triple interaction term of x_i, or $x_i r_t D_i$. Parental education variables are strongly collinear with agricultural household dummy and are used only in year 2002 interaction terms to avoid multicollinearity.,

FIGURE 3: IMPACTS BY MAIN/PLACEBO BY GENDER AND BY AGRICUTURAL HOUSEHOLD DEFINITION



Source: Compiled from IFPRI data.

Notes: 1. "pri" and "sec" mean enrolled in primary and secondary grades, aged 6-10 and 11-17 years in 1999, respectively. The coefficients are dummies for agri-HH × year 2002.

2. Specifications 1 - 3 correspond to the same specifications in TABLE **??**.

3. Error bars are 95% confidence intervals using standard errors clustered at thana level with a Satterthwaite correction for small number of clusters.

II.2 Robustness

II.2.1 Placebo

II.2.2 Age group

TABLE 8: PLACEBO ESTIMATION 2002-2006, 1999 AND 2002 COHORTS

	Boys+Girls			Boys			Girls		
				A. 2002 cohort					
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Agricultural HH * year 2006	−0.053 (14.2) [-0.129, 0.023]	−0.030 (40.6) [-0.112, 0.051]	−0.044 (35.7) [-0.149, 0.062]	0.004 (93.5) [-0.098, 0.105]	−0.020 (57.9) [-0.100, 0.061]	−0.029 (35.6) [-0.098, 0.041]	−0.106* (7.9) [-0.228, 0.016]	−0.037 (44.4) [-0.147, 0.073]	−0.049 (49.3) [-0.213, 0.114]
___ * Older sisters			−0.071* (6.4) [-0.148, 0.006]			−0.098 (13.7) [-0.239, 0.043]			−0.050 (20.3) [-0.139, 0.039]
___ * Older brothers			0.012 (71.9) [-0.069, 0.094]			0.077 (13.3) [-0.033, 0.186]			−0.044 (31.2) [-0.143, 0.055]
$\bar{R}^2$	0.0030	0.2022	0.2250	0.0000	0.1124	0.1738	0.0115	0.3404	0.3635
N: agHH		492			243			249	
N		812			386			426	
mean of control in 2002		0.6844			0.6573			0.7062	
mean of treated in 2002		0.5955			0.5391			0.6506	
mean of control in 2006		0.4406			0.3986			0.4746	
mean of treated in 2006		0.2988			0.2840			0.3133	
Common specifications									
Covariates, thana trends		Y	Y		Y	Y		Y	Y
HH trends			Y			Y			Y
				B. 1999 cohort					
	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
Agricultural HH * year 2006	−0.023 (61.1) [-0.128, 0.082]	−0.031 (22.9) [-0.088, 0.026]	−0.033 (39.5) [-0.120, 0.054]	0.030 (55.0) [-0.086, 0.146]	0.007 (87.2) [-0.101, 0.116]	0.001 (98.7) [-0.114, 0.116]	−0.084 (27.5) [-0.256, 0.087]	−0.058 (28.1) [-0.177, 0.062]	−0.069 (27.8) [-0.212, 0.074]
___ * Older sisters			−0.053 (36.5) [-0.195, 0.089]			0.015 (83.8) [-0.167, 0.196]			−0.097 (25.0) [-0.295, 0.100]
___ * Older brothers			−0.003 (96.1) [-0.129, 0.124]			0.033 (65.4) [-0.154, 0.221]			−0.038 (42.2) [-0.150, 0.075]
$\bar{R}^2$	0.0006	0.2930	0.3208	0.0011	0.1051	0.1628	0.0076	0.4895	0.5205
N: agHH		379			196			183	
N		616			304			312	
mean of control in 2002		0.4979			0.4722			0.5194	
mean of treated in 2002		0.3852			0.2908			0.4863	
mean of control in 2006		0.2785			0.2685			0.2868	
mean of treated in 2006		0.1425			0.1173			0.1694	
Common specifications									
Covariates, thana trends		Y	Y		Y	Y		Y	Y
HH trends			Y			Y			Y

Source: Compiled from IFPRI data.

Notes: Agricultural HH + year 2002 is an interaction term of agricultural household dummy and year 2002 dummy. All interaction terms are demeaned. For each panel, first columns are raw DID. Second columns add time-varying thana level characteristics (yield, mean rainfall, mean high temperature, mean low temperature), individual level characteristics (age squared, recipient of a poverty program), and Thana trends that are interactions of year 2002 dummy with Thana fixed effects. Third columns add interactions of year 2002 dummy and individual level characterstics (sex of individual, household head's and spouse's education, number of older male/female siblings, per member land holding, per member non land asset holding, piped water access, structured toilet access) $\mathbf{x}_i r_t$, and triple interactions of year 2002 dummy, individual characteristics, and agricultural household dummy $\mathbf{x}_i r_t D_i$. Rows of ___ $* x$ show estimates of the triple interaction term of x_i, or $x_i r_t D_i$. Parental education variables are strongly collinear with agricultural household dummy and are used only in year 2002 interaction terms to avoid multicollinearity.,

TABLE 9: ESTIMATION RESULTS 1999-2002, BY SCHOOL LEVEL

	Boys+Girls			Boys			Girls		
				A. Primary school ages					
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Agricultural HH * year 2002	0.012	0.009	0.004	0.101	0.048	0.093	−0.072*	−0.045	−0.083
	(77.2)	(78.2)	(92.0)	(32.0)	(41.5)	(10.5)	(9.6)	(44.8)	(29.4)
	[-0.080, 0.103]	[-0.063, 0.080]	[-0.084, 0.092]	[-0.123, 0.325]	[-0.085, 0.182]	[-0.026, 0.213]	[-0.161, 0.017]	[-0.178, 0.088]	[-0.256, 0.091]
$\bar{R}^2$	0.0001	0.3837	0.4095	0.0091	0.3959	0.4552	0.0051	0.4085	0.4342
N		507			253			254	
mean of control in 1999		0.8312			0.8584			0.8065	
mean of treated in 1999		0.7926			0.7714			0.8154	
mean of control in 2002		0.8270			0.7788			0.8710	
mean of treated in 2002		0.8000			0.7929			0.8077	
				B. Secodary school ages					
	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
Agricultural HH * year 2002	−0.069	−0.087*	−0.099**	−0.173**	−0.192***	−0.157***	0.014	−0.029	−0.084
	(21.3)	(8.1)	(2.0)	(2.5)	(0.2)	(0.3)	(85.5)	(70.5)	(20.8)
	[-0.188, 0.051]	[-0.189, 0.015]	[-0.175, -0.022]	[-0.316, -0.029]	[-0.286, -0.098]	[-0.233, -0.082]	[-0.165, 0.194]	[-0.209, 0.150]	[-0.228, 0.061]
$\bar{R}^2$	0.0048	0.4683	0.5275	0.0311	0.3997	0.4723	0.0002	0.6105	0.6465
N		486			228			258	
mean of control in 1999		0.7413			0.6667			0.7949	
mean of treated in 1999		0.6877			0.5903			0.7872	
mean of control in 2002		0.4627			0.4643			0.4615	
mean of treated in 2002		0.3404			0.2153			0.4681	
Common specifications									
Covariates, thana trends		Y	Y		Y	Y		Y	Y
HH trends			Y			Y			Y

Source: Compiled from IFPRI data.

Notes: Agricultural HH + year 2002 is an interaction term of agricultural household dummy and year 2002 dummy. All interaction terms are demeaned. For each panel, first columns are raw DID. Second columns add time-varying thana level characteristics (yield, mean rainfall, mean high temperature, mean low temperature), individual level characteristics (age squared, recipient of a poverty program), and Thana trends that are interactions of year 2002 dummy with Thana fixed effects. Third columns add interactions of year 2002 dummy and individual level characterstics (sex of individual, household head's and spouse's education, number of older male/female siblings, per member land holding, per member non land asset holding, piped water access, structured toilet access) $\mathbf{x}_i r_t$, and triple interactions of year 2002 dummy, individual characteristics, and agricultural household dummy $\mathbf{x}_i r_t D_i$. Rows of $\_\_\_ * x$ show estimates of the triple interaction term of x_i, or $x_i r_t D_i$. Parental education variables are strongly collinear with agricultural household dummy and are used only in year 2002 interaction terms to avoid multicollinearity.,

TABLE 10: MAIN ESTIMATION RESULTS 1999-2002, BY DIFFERENT AGE LOWERBOUND

	Boys+girls			Boys			Girls		
	Spec 1	Spec 2	Spec 3	Spec 1	Spec 2	Spec 3	Spec 1	Spec 2	Spec 3
A. Age lowerbound: 10	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Agricultural HHs * year 2002	−0.0561 (27.5) [-0.169, 0.057]	−0.0661* (6.0) [-0.136, 0.004]	−0.0899** (1.1) [-0.151, -0.029]	−0.1290 (12.4) [-0.305, 0.047]	−0.1550** (1.6) [-0.270, -0.040]	−0.1441*** (0.4) [-0.221, -0.067]	0.0105 (88.6) [-0.159, 0.180]	−0.0268 (71.4) [-0.196, 0.143]	−0.0503 (53.2) [-0.237, 0.136]
___ * Older sisters			−0.0228 (54.4) [-0.114, 0.068]			−0.0840* (8.4) [-0.185, 0.017]			0.0080 (93.6) [-0.241, 0.257]
___ * Older brothers			−0.0904 (10.8) [-0.209, 0.028]			−0.0280 (66.6) [-0.190, 0.134]			−0.1040** (2.6) [-0.189, -0.019]
$\bar{R}^2$	0.0033	0.4432	0.4868	0.0173	0.3734	0.4186	0.0001	0.5926	0.6124
N: Agricultural HHs		360			189			171	
N		626			306			320	
Mean of control in 1999		0.7744			0.7094			0.8255	
Mean of treated in 1999		0.7111			0.6402			0.7895	
Mean of control in 2002		0.5000			0.4786			0.5168	
Mean of treated in 2002		0.3806			0.2804			0.4912	
B. Age lowerbound: 11	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Agricultural HHs * year 2002	−0.0589 (31.3) [-0.188, 0.070]	−0.0788 (10.5) [-0.179, 0.022]	−0.0911** (3.4) [-0.173, -0.010]	−0.1785** (2.7) [-0.328, -0.029]	−0.1820*** (0.3) [-0.276, -0.088]	−0.1514*** (0.1) [-0.215, -0.088]	0.0414 (60.4) [-0.142, 0.224]	−0.0236 (75.8) [-0.201, 0.154]	−0.0417 (59.2) [-0.223, 0.140]
___ * Older sisters			−0.0292 (67.5) [-0.198, 0.140]			−0.1227 (10.1) [-0.280, 0.034]			0.0332 (79.2) [-0.278, 0.344]
___ * Older brothers			−0.0690 (27.3) [-0.216, 0.078]			0.0037 (95.9) [-0.183, 0.191]			−0.1131 (17.1) [-0.298, 0.072]
$\bar{R}^2$	0.0035	0.4853	0.5377	0.0327	0.4189	0.4811	0.0017	0.6203	0.6445
N: Agricultural HHs		300			154			146	
N		513			244			269	
Mean of control in 1999		0.7324			0.6444			0.7967	
Mean of treated in 1999		0.6733			0.5909			0.7603	
Mean of control in 2002		0.4413			0.4333			0.4472	
Mean of treated in 2002		0.3233			0.2013			0.4521	
C. Age lowerbound: 12	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Agricultural HHs * year 2002	−0.0804 (21.7) [-0.221, 0.061]	−0.0745 (11.3) [-0.172, 0.024]	−0.0942** (1.8) [-0.166, -0.023]	−0.1985** (2.1) [-0.356, -0.041]	−0.1909** (2.5) [-0.347, -0.034]	−0.1630** (1.2) [-0.273, -0.053]	0.0095 (90.1) [-0.170, 0.189]	−0.0262 (66.5) [-0.167, 0.115]	−0.0484 (47.9) [-0.207, 0.110]
___ * Older sisters			−0.0295 (69.3) [-0.210, 0.151]			−0.1360 (11.6) [-0.323, 0.051]			0.0277 (83.5) [-0.303, 0.358]
___ * Older brothers			−0.0909 (17.7) [-0.240, 0.058]			0.0107 (84.2) [-0.123, 0.144]			−0.2041* (5.5) [-0.415, 0.007]
$\bar{R}^2$	0.0066	0.5040	0.5648	0.0396	0.4670	0.5370	0.0001	0.6223	0.6535
N: Agricultural HHs		248			133			115	
N		425			208			217	
Mean of control in 1999		0.6836			0.5867			0.7549	
Mean of treated in 1999		0.6411			0.5639			0.7304	
Mean of control in 2002		0.3729			0.3867			0.3627	
Mean of treated in 2002		0.2500			0.1654			0.3478	
Thana fixed trends			*Y*			*Y*			*Y*
HH fixed trends			*Y*			*Y*			*Y*

Source: Compiled from IFPRI data.

Notes: Agricultural HH + year 2002 is an interaction term of agricultural household dummy and year 2002 dummy. All interaction terms are demeaned. For each panel, first columns are raw DID. Second columns add time-varying thana level characteristics (yield, mean rainfall, mean high temperature, mean low temperature), individual level characteristics (age squared, recipient of a poverty program), and Thana trends that are interactions of year 2002 dummy with Thana fixed effects. Third columns add interactions of year 2002 dummy and individual level characterstics (sex of individual, household head's and spouse's education, number of older male/female siblings, per member land holding, per member non land asset holding, piped water access, structured toilet access) $\mathbf{x}_i r_t$, and triple interactions of year 2002 dummy, individual characteristics, and agricultural household dummy $\mathbf{x}_i r_t D_i$. Rows of ___ $* x$ show estimates of the triple interaction term of x_i, or $x_i r_t D_i$. Parental education variables are strongly collinear with agricultural household dummy and are used only in year 2002 interaction terms to avoid multicollinearity.

Table 11: Alternative mechanisms, flood and non-Muslims

	Boys+girls			Boys			Girls		
					A. Non Muslims				
Covariates	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Agricultural HH * year 2002	−0.056	−0.083**	−0.090**	−0.129	−0.162**	−0.144***	0.010	−0.023	−0.051
	(27.5)	(1.1)	(2.2)	(12.4)	(1.4)	(0.3)	(88.6)	(75.9)	(48.0)
	[-0.169, 0.057]	[-0.140, -0.026]	[-0.162, -0.018]	[-0.305, 0.047]	[-0.280, -0.045]	[-0.213, -0.074]	[-0.159, 0.180]	[-0.195, 0.149]	[-0.219, 0.116]
Non-Muslim * year 2002		0.072	0.076		0.116	0.085*		0.070	0.094
		(30.7)	(16.0)		(22.2)	(5.4)		(26.8)	(27.7)
		[-0.112, 0.256]	[-0.050, 0.201]		[-0.131, 0.364]	[-0.002, 0.172]		[-0.087, 0.227]	[-0.119, 0.308]
___ * Ag HH		0.040	0.022		−0.160	−0.218		0.111	0.118
		(69.7)	(80.1)		(34.2)	(17.2)		(25.6)	(26.9)
		[-0.265, 0.345]	[-0.227, 0.272]		[-0.660, 0.339]	[-0.609, 0.172]		[-0.138, 0.360]	[-0.144, 0.379]
$\bar{R}^2$	0.0033	0.4699	0.4906	0.0173	0.3795	0.4351	0.0001	0.5954	0.6207
N: agHH		360			189			171	
N: Muslims		77			36			41	
N		626			306			320	
mean of control in 1999		0.7744			0.7094			0.8255	
mean of treated in 1999		0.7111			0.6402			0.7895	
mean of control in 2002		0.5000			0.4786			0.5168	
mean of treated in 2002		0.3806			0.2804			0.4912	
Common specifications									
Covariates, thana trends			*Y*			*Y*			*Y*
HH trends			*Y*			*Y*			*Y*

II.2.3 Non-Muslims, Flooded

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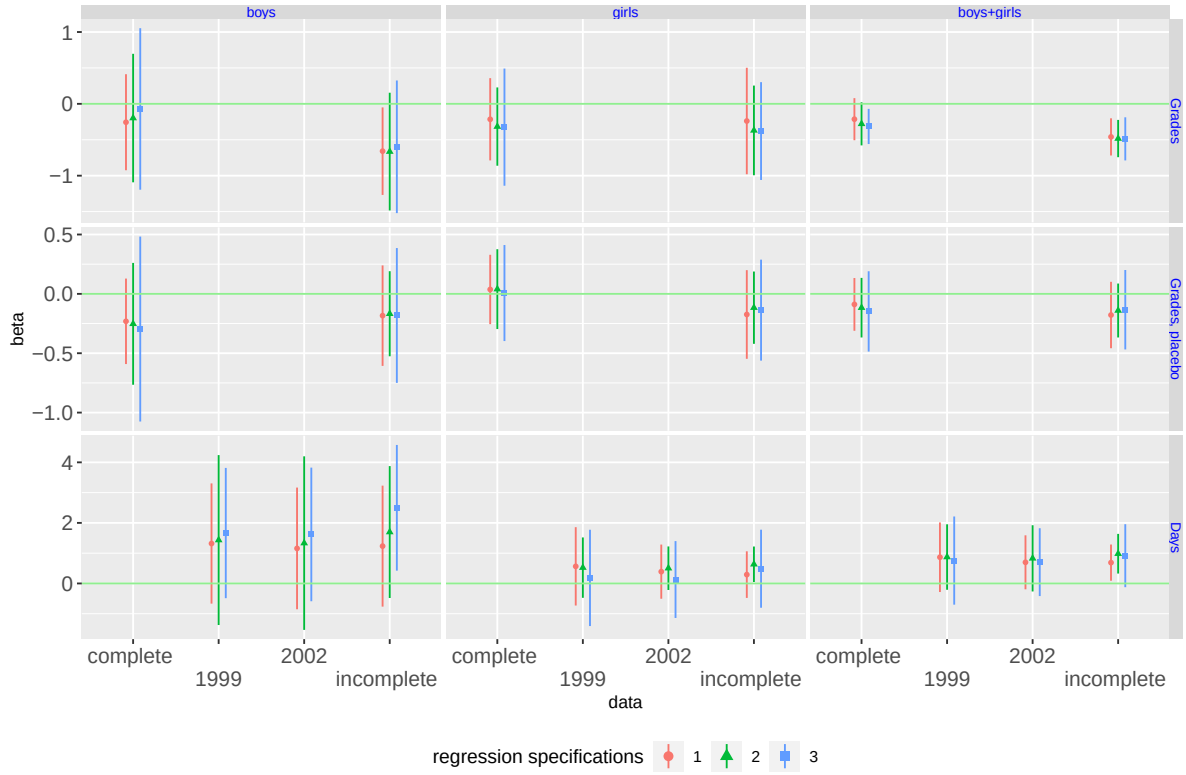
TABLE 11: ALTERNATIVE MECHANISMS, FLOOD AND NON-MUSLIMS (CONTINUED)

	Boys+girls			Boys			Girls		
				B. Flooded					
Covariates	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
Agricultural HH * year 2002	−0.054	−0.065*	−0.088**	−0.140*	−0.163***	−0.151***	0.018	−0.024	−0.045
	(29.4)	(7.9)	(1.8)	(7.2)	(0.8)	(0.2)	(81.4)	(72.4)	(50.9)
	[-0.167, 0.059]	[-0.141, 0.011]	[-0.154, -0.022]	[-0.297, 0.017]	[-0.264, -0.063]	[-0.214, -0.087]	[-0.156, 0.191]	[-0.188, 0.139]	[-0.205, 0.115]
Flood * year 2002	−0.015	−0.051**	−0.040	0.053	0.005	0.058	−0.072	−0.116***	−0.113***
	(55.9)	(1.6)	(16.3)	(51.0)	(82.6)	(21.0)	(19.7)	(0.2)	(0.8)
	[-0.077, 0.048]	[-0.086, -0.017]	[-0.102, 0.022]	[-0.145, 0.251]	[-0.062, 0.072]	[-0.043, 0.160]	[-0.200, 0.056]	[-0.165, -0.067]	[-0.183, -0.042]
___ * Ag HH		0.035	0.032		−0.135	−0.080		0.153	0.152
		(55.8)	(55.5)		(20.9)	(43.3)		(30.9)	(25.8)
		[-0.111, 0.180]	[-0.101, 0.166]		[-0.379, 0.109]	[-0.322, 0.161]		[-0.205, 0.511]	[-0.160, 0.464]
$\bar{R}^2$	0.0035	0.4435	0.4871	0.0201	0.3775	0.4198	0.0050	0.5977	0.6171
N: agHH		360			189			171	
N: Flooded		390			186			204	
N		626			306			320	
mean of control in 1999		0.7744			0.7094			0.8255	
mean of treated in 1999		0.7111			0.6402			0.7895	
mean of control in 2002		0.5000			0.4786			0.5168	
mean of treated in 2002		0.3806			0.2804			0.4912	
Common specifications									
Covariates, thana trends			*Y*			*Y*			*Y*
HH trends			*Y*			*Y*			*Y*

Source: Compiled from IFPRI data.

Notes: Agricultural HH + year 2002 is an interaction term of agricultural household dummy and year 2002 dummy. All interaction terms are demeaned. For each panel, first columns are raw DID. Second columns add time-varying thana level characteristics (yield, mean rainfall, mean high temperature, mean low temperature), individual level characteristics (age squared, recipient of a poverty program), and Thana trends that are interactions of year 2002 dummy with Thana fixed effects. Third columns add interactions of year 2002 dummy and individual level characterstics (sex of individual, household head's and spouse's education, number of older male/female siblings, per member land holding, per member non land asset holding, piped water access, structured toilet access) $\mathbf{x}_i r_t$, and triple interactions of year 2002 dummy, individual characteristics, and agricultural household dummy $\mathbf{x}_i r_t D_i$. Rows of ___ $* x$ show estimates of the triple interaction term of x_i, or $x_i r_t D_i$. Parental education variables are strongly collinear with agricultural household dummy and are used only in year 2002 interaction terms to avoid multicollinearity.,

FIGURE 4: OTHER OUTCOMES BY GENDER, 1999-2002



Source: Compiled from IFPRI data.

Notes: 1. Grades: Number of grades, Days: Days absent. Days absent does not have placebo tests. The coefficients are dummies for agri-HH × year 2002.

2. Specifications 1 - 3 correspond to the same specifications in TABLE **??**.

3. Error bars are 95% confidence intervals using standard errors clustered at thana level with a Satterthwaite correction for small number of clusters.

II.2.4 Other schooling outcomes

TABLE 12: OTHER SCHOOLING OUTCOMES, GRADE PROGRESSION AND DAYS ABSENT

	Grade progression			Days absent		
	A. Students enrolled in 1999					
	(1)	(2)	(3)			
Agricultural household	−0.460***	−0.483***	−0.488***			
	(0.4)	(0.4)	(0.7)			
	[-0.719, -0.201]	[-0.743, -0.224]	[-0.788, -0.187]			
$\bar{R}^2$	0.0157	0.2541	0.2879			
N: agHH		230				
N		393				
mean of control in 1999		5.2025				
mean of treated in 1999		5.0261				
mean of control in 2002		7.2883				
mean of treated in 2002		6.7565				
	B. Students enrolled in 1999 and 2002					
	(4)	(5)	(6)	(7)	(8)	(9)
Agricultural household	−0.214	−0.279*	−0.315**	0.688**	0.982**	0.917*
	(12.6)	(6.4)	(1.9)	(3.0)	(1.0)	(7.5)
	[-0.507, 0.079]	[-0.579, 0.021]	[-0.559, -0.070]	[0.090, 1.286]	[0.327, 1.637]	[-0.123, 1.957]
$\bar{R}^2$	0.0026	0.2110	0.2479	0.0120	0.0802	0.1641
N: agHH		141			144	
N		260			263	
mean of control in 1999		5.0504			3.3697	
mean of treated in 1999		4.7021			3.3773	
mean of control in 2002		7.4202			2.7857	
mean of treated in 2002		6.9504			3.7500	
	C. Students enrolled in 1999 and 2002, cross section OLS of 2000					
				(10)	(11)	(12)
Agricultural household				0.010	−0.172	−0.171
				(96.8)	(57.5)	(59.1)
				[-0.594, 0.615]	[-0.876, 0.533]	[-0.908, 0.566]
$\bar{R}^2$				0.0000	0.0444	0.1748
N: agHH					144	
N					263	
mean of control in 1999					3.3697	
mean of treated in 1999					3.3773	
	D. Students enrolled in 1999 and 2002, cross section OLS of 2003					
				(13)	(14)	(15)
Agricultural household				0.698	0.829	0.704
				(10.5)	(11.4)	(17.6)
				[-0.193, 1.590]	[-0.265, 1.923]	[-0.417, 1.824]
$\bar{R}^2$				0.0194	0.0788	0.1685
N: agHH					144	
N					263	
mean of control in 2002					2.7857	
mean of treated in 2002					3.7500	
Common specifications						
Covariates, thana trends			Y			Y
HH trends			Y			Y

Source: Compiled from IFPRI data.

Notes: Agricultural HH + year 2002 is an interaction term of agricultural household dummy and year 2002 dummy. All interaction terms are demeaned. For each panel, first columns are raw DID. Second columns add time-varying thana level characteristics (yield, mean rainfall, mean high temperature, mean low temperature), individual level characteristics (age squared, recipient of a poverty program), and Thana trends that are interactions of year 2002 dummy with Thana fixed effects. Third columns add interactions of year 2002 dummy and individual level characterstics (sex of individual, household head's and spouse's education, number of older male/female siblings, per member land holding, per member non land asset holding, piped water access, structured toilet access) $\mathbf{x}_i r_t$, and triple interactions of year 2002 dummy, individual characteristics, and agricultural household dummy $\mathbf{x}_i r_t D_i$. Rows of ___ $* x$ show estimates of the triple interaction term of x_i, or $x_i r_t D_i$. Parental education variables are strongly collinear with agricultural household dummy and are used only in year 2002 interaction terms to avoid multicollinearity.,

TABLE 13: PLACEBO ESTIMATION 2002-2006, 1999 AND 2002 COHORTS

	Boys+Girls			Boys			Girls		
				A. 2002 cohort					
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Agricultural HH * year 2006	−0.053 (14.2) [-0.129, 0.023]	−0.030 (40.6) [-0.112, 0.051]	−0.044 (35.7) [-0.149, 0.062]	0.004 (93.5) [-0.098, 0.105]	−0.020 (57.9) [-0.100, 0.061]	−0.029 (35.6) [-0.098, 0.041]	−0.106* (7.9) [-0.228, 0.016]	−0.037 (44.4) [-0.147, 0.073]	−0.049 (49.3) [-0.213, 0.114]
___ * Older sisters			−0.071* (6.4) [-0.148, 0.006]			−0.098 (13.7) [-0.239, 0.043]			−0.050 (20.3) [-0.139, 0.039]
___ * Older brothers			0.012 (71.9) [-0.069, 0.094]			0.077 (13.3) [-0.033, 0.186]			−0.044 (31.2) [-0.143, 0.055]
$\bar{R}^2$	0.0030	0.2022	0.2250	0.0000	0.1124	0.1738	0.0115	0.3404	0.3635
N: agHH		492			243			249	
N		812			386			426	
mean of control in 2002		0.6844			0.6573			0.7062	
mean of treated in 2002		0.5955			0.5391			0.6506	
mean of control in 2006		0.4406			0.3986			0.4746	
mean of treated in 2006		0.2988			0.2840			0.3133	
Common specifications									
Covariates, thana trends		Y	Y		Y	Y		Y	Y
HH trends			Y			Y			Y
				B. 1999 cohort					
	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
Agricultural HH * year 2006	−0.023 (61.1) [-0.128, 0.082]	−0.031 (22.9) [-0.088, 0.026]	−0.033 (39.5) [-0.120, 0.054]	0.030 (55.0) [-0.086, 0.146]	0.007 (87.2) [-0.101, 0.116]	0.001 (98.7) [-0.114, 0.116]	−0.084 (27.5) [-0.256, 0.087]	−0.058 (28.1) [-0.177, 0.062]	−0.069 (27.8) [-0.212, 0.074]
___ * Older sisters			−0.053 (36.5) [-0.195, 0.089]			0.015 (83.8) [-0.167, 0.196]			−0.097 (25.0) [-0.295, 0.100]
___ * Older brothers			−0.003 (96.1) [-0.129, 0.124]			0.033 (65.4) [-0.154, 0.221]			−0.038 (42.2) [-0.150, 0.075]
$\bar{R}^2$	0.0006	0.2930	0.3208	0.0011	0.1051	0.1628	0.0076	0.4895	0.5205
N: agHH		379			196			183	
N		616			304			312	
mean of control in 2002		0.4979			0.4722			0.5194	
mean of treated in 2002		0.3852			0.2908			0.4863	
mean of control in 2006		0.2785			0.2685			0.2868	
mean of treated in 2006		0.1425			0.1173			0.1694	
Common specifications									
Covariates, thana trends		Y	Y		Y	Y		Y	Y
HH trends			Y			Y			Y

Source: Compiled from IFPRI data.

Notes: Agricultural HH + year 2002 is an interaction term of agricultural household dummy and year 2002 dummy. All interaction terms are demeaned. For each panel, first columns are raw DID. Second columns add time-varying thana level characteristics (yield, mean rainfall, mean high temperature, mean low temperature), individual level characteristics (age squared, recipient of a poverty program), and Thana trends that are interactions of year 2002 dummy with Thana fixed effects. Third columns add interactions of year 2002 dummy and individual level characterstics (sex of individual, household head's and spouse's education, number of older male/female siblings, per member land holding, per member non land asset holding, piped water access, structured toilet access) $\mathbf{x}_i r_t$, and triple interactions of year 2002 dummy, individual characteristics, and agricultural household dummy $\mathbf{x}_i r_t D_i$. Rows of ___ $* x$ show estimates of the triple interaction term of x_i, or $x_i r_t D_i$. Parental education variables are strongly collinear with agricultural household dummy and are used only in year 2002 interaction terms to avoid multicollinearity.,

II.3 Placebo