

Community based monitoring and public service
delivery - Impact, and the role of information,
deliberation, and jurisdictional tier - appendix:
full results for heterogeneity analysis

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1 Heterogeneity in the timing of the intervention

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Table 1: Treatment-control differences (ANCOVA) - Agriculture

	mean	sc	baraza	information	deliberation	level
Was visited by extension officer at home (yes/no)	0.178 (0.383)	0.012 (0.026)	-0.009 (0.043)	0.058 (0.048)	-0.039 (0.025)	
Visited training or demonstration site (yes/no)	0.285 (0.452)	0.045 (0.045)	0.057 (0.040)	0.017 (0.043)	-0.044 (0.053)	
NAADS or OWC in village (yes/no)	0.173 (0.378)	-0.011 (0.044)	0.023 (0.038)	0.018 (0.042)	-0.095** (0.018)	
Uses modern inputs (improved seed or fertilizer) (yes/no)	0.435 (0.496)	-0.059 (0.051)	-0.051 (0.052)	0.040 (0.050)	0.026 (0.059)	
Support in marketing from village procurement committee (yes/no)	0.069 (0.254)	0.048 (0.041)	0.033 (0.021)	0.031 (0.021)	-0.051 (0.025)	
Support in marketing from cooperative (yes/no)	0.062 (0.241)	0.061 (0.044)	0.019 (0.020)	0.057* (0.022)	0.011 (0.033)	
Agriculture Index	0.000 (0.598)	0.016 (0.071)	0.030 (0.083)	0.091 (0.083)	-0.064 (0.068)	
Number of observations	12545	2390	4266	4266	3263	

Note: First column reports sample means (and standard deviations below); Column 2 reports effect (and standard errors below) of the sub-county level baraza intervention; Column 3 reports the effect (and standard errors below) of the information component of the baraza intervention; Column 4 reports the effect (and standard errors below) of the deliberation component of the baraza intervention; Column 5 reports the effect (and standard errors below) of the administrative placement of the baraza intervention. **, * and + denotes significance at the 1, 5 and 10 percent levels.

Table 2: Treatment-control differences (ANCOVA) - Infrastructure

	mean	sc baraza	information	deliberation	level
Household uses unprotected water source during dry season (yes/no)	0.159 (0.366)	0.061 (0.071)	-0.013 (0.044)	0.060 (0.043)	0.057 (0.049)
Distance to water source	0.748 (0.576)	0.211* (0.082)	0.081 (0.061)	0.020 (0.068)	-0.180** (0.034)
Average waiting time at source (min)	3.198 (1.638)	0.181 (0.291)	-0.035 (0.178)	-0.227 (0.222)	0.343 (0.253)
Is there a Water User Committee in this village? (yes/no)	0.598 (0.490)	-0.040 (0.075)	-0.024 (0.050)	0.001 (0.049)	-0.026 (0.050)
Distance to nearest all weather road (km)	2.849 (1.788)	0.439 (0.472)	0.025 (0.356)	0.112 (0.374)	0.438 (0.376)
Infrastructure Index	0.000 (0.447)	-0.154** (0.051)	-0.026 (0.052)	-0.001 (0.048)	-0.108 (0.070)
Number of observations	12545	2261	4066	4066	3191

Note: First column reports sample means (and standard deviations below); Column 2 reports effect (and standard errors below) of the sub-county level baraza intervention; Column 3 reports the effect (and standard errors below) of the information component of the baraza intervention; Column 4 reports the effect (and standard errors below) of the deliberation component of the baraza intervention; Column 5 reports the effect (and standard errors below) of the administrative placement of the baraza intervention. **, * and + denotes significance at the 1, 5 and 10 percent levels.

Table 3: Treatment-control differences (ANCOVA) - Health

	mean	sc	baraza	information	deliberation	level
Seek treatment for fever in public health facility (1=yes)	0.691 (0.462)	0.003 (0.042)		-0.090* (0.037)	0.104* (0.048)	-0.301** (0.069)
Go to public health facility to give birth (1=yes)	0.813 (0.390)	-0.101+ (0.052)		-0.054 (0.053)	-0.016 (0.055)	-0.189** (0.040)
Is there a VHT in village? (1=yes)	0.881 (0.323)	-0.022 (0.050)		-0.034 (0.032)	0.010 (0.030)	-0.092 (0.066)
Distance to nearest govt health facility (km)	3.875 (1.377)	0.242 (0.320)		-0.218 (0.280)	0.259 (0.310)	0.547 (0.315)
Were days work/school missed due to illness? (1=yes)	2.576 (2.189)	0.027 (0.135)		0.105 (0.231)	-0.199 (0.208)	-0.390* (0.118)
Waiting time before being attended (min)	4.744 (1.012)	0.109 (0.173)		-0.165 (0.132)	0.061 (0.156)	0.131 (0.191)
Has visited traditional health practitioner? (1=yes)	0.257 (0.437)	0.080+ (0.044)		0.019 (0.049)	0.021 (0.043)	-0.013 (0.042)
Health Index	0.000 (0.437)	-0.139** (0.044)		-0.005 (0.050)	-0.064 (0.068)	-0.228* (0.079)
Number of observations	12545	1434		2417	2417	1953

Note: First column reports sample means (and standard deviations below); Column 2 reports effect (and standard errors below) of the sub-county level baraza intervention; Column 3 reports the effect (and standard errors below) of the information component of the baraza intervention; Column 4 reports the effect (and standard errors below) of the deliberation component of the baraza intervention; Column 5 reports the effect (and standard errors below) of the administrative placement of the baraza intervention. **, * and + denotes significance at the 1, 5 and 10 percent levels.

Table 4: Treatment-control differences (ANCOVA) - Education

	mean	sc	baraza	information	deliberation	level
Number of children in UPS or USE	1.797 (1.914)	0.584** (0.171)	0.262* (0.119)	-0.004 (0.131)	-0.277 (0.222)	
Distance to public school (km)	1.420 (0.763)	0.036 (0.086)	0.058 (0.082)	-0.025 (0.085)	-0.060 (0.057)	
Has complete boundary fence (1=yes)	0.347 (0.476)	0.054 (0.069)	-0.048 (0.085)	0.123+ (0.069)	-0.128 (0.070)	
Has water facility (1=yes)	0.703 (0.457)	-0.073 (0.066)	-0.037 (0.066)	-0.039 (0.067)	0.051 (0.067)	
Has SMC (1=yes)	0.915 (0.279)	-0.048 (0.040)	0.004 (0.039)	-0.020 (0.044)	-0.117 (0.063)	
Is informed about SMC (1=yes)	0.882 (0.323)	0.019 (0.039)	0.020 (0.048)	-0.022 (0.042)	0.122+ (0.050)	
Inspectors visited schools (1=yes)	0.639 (0.480)	0.081 (0.071)	-0.051 (0.053)	0.125+ (0.063)	0.175* (0.051)	
Education Index	0.000 (0.468)	0.028 (0.059)	-0.035 (0.056)	0.049 (0.050)	-0.050 (0.079)	
Number of observations	12545	1251	2068	2068	1780	

Note: First column reports sample means (and standard deviations below); Column 2 reports effect (and standard errors below) of the sub-county level baraza intervention; Column 3 reports the effect (and standard errors below) of the information component of the baraza intervention; Column 4 reports the effect (and standard errors below) of the deliberation component of the baraza intervention; Column 5 reports the effect (and standard errors below) of the administrative placement of the baraza intervention. **, * and + denotes significance at the 1, 5 and 10 percent levels.

2 Heterogeneity related to elite capture

Table 5: Treatment-control differences (ANCOVA) - Agriculture

	mean	sc	baraza	information	deliberation	level
Was visited by extension officer at home (yes/no)	0.178 (0.383)	0.003 (0.043)	0.130* (0.057)	0.112 (0.091)	0.034 (0.039)	
Visited training or demonstration site (yes/no)	0.285 (0.452)	0.004 (0.061)	0.054 (0.069)	-0.016 (0.083)	-0.012 (0.050)	
NAADS or OWC in village (yes/no)	0.173 (0.378)	0.063 (0.057)	0.088 (0.060)	0.043 (0.096)	-0.036 (0.054)	
Uses modern inputs (improved seed or fertilizer) (yes/no)	0.435 (0.496)	-0.071 (0.075)	0.117 (0.076)	0.106 (0.081)	0.062 (0.081)	
Support in marketing from village procurement committee (yes/no)	0.069 (0.254)	-0.012 (0.042)	0.009 (0.028)	-0.032 (0.032)	-0.027 (0.022)	
Support in marketing from cooperative (yes/no)	0.062 (0.241)	-0.008 (0.047)	-0.003 (0.026)	-0.034 (0.042)	-0.011 (0.023)	
Agriculture Index	0.000 (0.598)	-0.007 (0.091)	0.199+ (0.108)	0.056 (0.149)	0.005 (0.086)	
Number of observations	12545	2290	4128	4128	3158	

Note: First column reports sample means (and standard deviations below); Column 2 reports effect (and standard errors below) of the sub-county level baraza intervention; Column 3 reports the effect (and standard errors below) of the information component of the baraza intervention; Column 4 reports the effect (and standard errors below) of the deliberation component of the baraza intervention; Column 5 reports the effect (and standard errors below) of the administrative placement of the baraza intervention. **, * and + denotes significance at the 1, 5 and 10 percent levels.

Table 6: Treatment-control differences (ANCOVA) - Infrastructure

	mean	sc baraza	information	deliberation	level
Household uses unprotected water source during dry season (yes/no)	0.159 (0.366)	0.056 (0.078)	-0.076 (0.077)	-0.059 (0.070)	-0.014 (0.066)
Distance to water source	0.748 (0.576)	-0.214 ⁺ (0.117)	-0.106 (0.089)	-0.081 (0.143)	-0.099 (0.074)
Average waiting time at source (min)	3.198 (1.638)	-0.384 (0.291)	-0.190 (0.230)	-0.759* (0.301)	-0.050 (0.309)
Is there a Water User Committee in this village? (yes/no)	0.598 (0.490)	0.020 (0.099)	0.001 (0.077)	-0.070 (0.084)	0.072 (0.081)
Distance to nearest all weather road (km)	2.849 (1.788)	-0.079 (0.690)	0.134 (0.656)	0.712 (0.784)	-0.212 (0.719)
Infrastructure Index	0.000 (0.447)	0.098 (0.087)	0.067 (0.091)	0.069 (0.099)	0.081 (0.104)
Number of observations	12545	2156	3923	3923	3077

Note: First column reports sample means (and standard deviations below); Column 2 reports effect (and standard errors below) of the sub-county level baraza intervention; Column 3 reports the effect (and standard errors below) of the information component of the baraza intervention; Column 4 reports the effect (and standard errors below) of the deliberation component of the baraza intervention; Column 5 reports the effect (and standard errors below) of the administrative placement of the baraza intervention. **, * and + denotes significance at the 1, 5 and 10 percent levels.

Table 7: Treatment-control differences (ANCOVA) - Health

	mean	sc	baraza	information	deliberation	level
Seek treatment for fever in public health facility (1=yes)	0.691 (0.462)	-0.042 (0.057)	0.113 (0.075)	-0.057 (0.074)	-0.125 (0.093)	
Go to public health facility to give birth (1=yes)	0.813 (0.390)	-0.070 (0.057)	0.084 (0.068)	0.014 (0.099)	-0.176** (0.058)	
Is there a VHT in village? (1=yes)	0.881 (0.323)	-0.035 (0.067)	-0.083 (0.050)	-0.068 (0.050)	-0.010 (0.044)	
Distance to nearest govt health facility (km)	3.875 (1.377)	-0.349 (0.475)	0.045 (0.520)	0.609 (0.602)	-0.093 (0.590)	
Were days work/school missed due to illness? (1=yes)	2.576 (2.189)	-0.100 (0.193)	-0.317 (0.334)	0.205 (0.318)	-0.161 (0.262)	
Waiting time before being attended (min)	4.744 (1.012)	-0.434+ (0.225)	-0.619** (0.172)	-0.137 (0.288)	-0.076 (0.199)	
Has visited traditional health practitioner? (1=yes)	0.257 (0.437)	0.021 (0.061)	-0.040 (0.063)	-0.085 (0.067)	-0.013 (0.054)	
Health Index	0.000 (0.437)	0.014 (0.081)	0.175* (0.080)	-0.097 (0.113)	-0.031 (0.093)	
Number of observations	12545	1372	2332	2332	1885	

Note: First column reports sample means (and standard deviations below); Column 2 reports effect (and standard errors below) of the sub-county level baraza intervention; Column 3 reports the effect (and standard errors below) of the information component of the baraza intervention; Column 4 reports the effect (and standard errors below) of the deliberation component of the baraza intervention; Column 5 reports the effect (and standard errors below) of the administrative placement of the baraza intervention. **, * and + denotes significance at the 1, 5 and 10 percent levels.

Table 8: Treatment-control differences (ANCOVA) - Education

	mean	sc	baraza	information	deliberation	level
Number of children in UPS or USE	1.797 (1.914)	-0.001 (0.256)		0.009 (0.215)	-0.262 (0.252)	0.063 (0.317)
Distance to public school (km)	1.420 (0.763)	-0.084 (0.127)		0.003 (0.117)	-0.074 (0.156)	-0.122+ (0.067)
Has complete boundary fence (1=yes)	0.347 (0.476)	0.099 (0.103)		0.146 (0.095)	0.054 (0.104)	0.051 (0.069)
Has water facility (1=yes)	0.703 (0.457)	0.007 (0.097)		0.116 (0.103)	-0.183 (0.107)	0.044 (0.086)
Has SMC (1=yes)	0.915 (0.279)	0.040 (0.051)		0.050 (0.045)	-0.042 (0.057)	0.044 (0.041)
Is informed about SMC (1=yes)	0.882 (0.323)	-0.013 (0.045)		0.041 (0.055)	-0.068 (0.065)	-0.012 (0.048)
Inspectors visited schools (1=yes)	0.639 (0.480)	-0.031 (0.104)		0.139 (0.087)	0.066 (0.102)	0.085 (0.066)
Education Index	0.000 (0.468)	0.094 (0.092)		0.099 (0.072)	-0.053 (0.093)	0.099 (0.060)
Number of observations	12545	1198		2001	2001	1716

Note: First column reports sample means (and standard deviations below); Column 2 reports effect (and standard errors below) of the sub-county level baraza intervention; Column 3 reports the effect (and standard errors below) of the information component of the baraza intervention; Column 4 reports the effect (and standard errors below) of the deliberation component of the baraza intervention; Column 5 reports the effect (and standard errors below) of the administrative placement of the baraza intervention. **, * and + denotes significance at the 1, 5 and 10 percent levels.

3 Heterogeneity related to connections to persons in power

Table 9: Treatment-control differences (ANCOVA) - Agriculture

	mean	sc	baraza	information	deliberation	level
Was visited by extension officer at home (yes/no)	0.178 (0.383)	-0.054 (0.043)	-0.024 (0.065)	0.059 (0.075)	0.014 (0.030)	
Visited training or demonstration site (yes/no)	0.285 (0.452)	-0.017 (0.051)	0.028 (0.070)	0.130+ (0.073)	0.035 (0.044)	
NAADS or OWC in village (yes/no)	0.173 (0.378)	0.005 (0.057)	0.010 (0.063)	0.114 (0.070)	0.058 (0.037)	
Uses modern inputs (improved seed or fertilizer) (yes/no)	0.435 (0.496)	-0.084 (0.071)	0.028 (0.078)	-0.017 (0.078)	0.017 (0.079)	
Support in marketing from village procurement committee (yes/no)	0.069 (0.254)	0.030 (0.042)	-0.017 (0.035)	0.022 (0.030)	0.027 (0.038)	
Support in marketing from cooperative (yes/no)	0.062 (0.241)	0.025 (0.040)	-0.034 (0.033)	0.009 (0.037)	0.013 (0.031)	
Agriculture Index	0.000 (0.598)	-0.019 (0.102)	-0.012 (0.134)	0.102 (0.137)	0.092 (0.078)	
Number of observations	12545	2313	4189	4189	3158	

Note: First column reports sample means (and standard deviations below); Column 2 reports effect (and standard errors below) of the sub-county level baraza intervention; Column 3 reports the effect (and standard errors below) of the information component of the baraza intervention; Column 4 reports the effect (and standard errors below) of the deliberation component of the baraza intervention; Column 5 reports the effect (and standard errors below) of the administrative placement of the baraza intervention. **, * and + denotes significance at the 1, 5 and 10 percent levels.

Table 10: Treatment-control differences (ANCOVA) - Infrastructure

	mean	sc baraza	information	deliberation	level
Household uses unprotected water source during dry season (yes/no)	0.159 (0.366)	-0.151 (0.088)	-0.122 (0.083)	-0.004 (0.069)	-0.090 (0.083)
Distance to water source	0.748 (0.576)	0.210 (0.121)	-0.043 (0.092)	-0.100 (0.105)	-0.015 (0.079)
Average waiting time at source (min)	3.198 (1.638)	0.343 (0.319)	0.452 ⁺ (0.254)	-0.120 (0.378)	-0.067 (0.303)
Is there a Water User Committee in this village? (yes/no)	0.598 (0.490)	0.013 (0.094)	0.202 ^{**} (0.069)	0.033 (0.075)	0.072 (0.070)
Distance to nearest all weather road (km)	2.849 (1.788)	-0.699 (0.605)	-0.062 (0.600)	-0.760 (0.640)	-0.345 (0.664)
Infrastructure Index	0.000 (0.447)	0.049 (0.074)	0.096 (0.090)	0.113 (0.084)	0.129 (0.090)
Number of observations	12545	2177	3982	3982	3077

Note: First column reports sample means (and standard deviations below); Column 2 reports effect (and standard errors below) of the sub-county level baraza intervention; Column 3 reports the effect (and standard errors below) of the information component of the baraza intervention; Column 4 reports the effect (and standard errors below) of the deliberation component of the baraza intervention; Column 5 reports the effect (and standard errors below) of the administrative placement of the baraza intervention. **, * and + denotes significance at the 1, 5 and 10 percent levels.

Table 11: Treatment-control differences (ANCOVA) - Health

	mean	sc	baraza	information	deliberation	level
Seek treatment for fever in public health facility (1=yes)	0.691 (0.462)	-0.095 (0.056)	0.024 (0.074)	0.032 (0.079)	-0.021 (0.079)	
Go to public health facility to give birth (1=yes)	0.813 (0.390)	-0.075 (0.056)	-0.042 (0.053)	0.028 (0.072)	-0.018 (0.061)	
Is there a VHT in village? (1=yes)	0.881 (0.323)	-0.001 (0.048)	0.075 (0.048)	-0.034 (0.046)	0.032 (0.043)	
Distance to nearest govt health facility (km)	3.875 (1.377)	-0.420 (0.441)	0.469 (0.465)	-0.474 (0.512)	0.072 (0.539)	
Were days work/school missed due to illness? (1=yes)	2.576 (2.189)	0.407* (0.158)	-0.393 (0.340)	-0.102 (0.301)	0.211 (0.158)	
Waiting time before being attended (min)	4.744 (1.012)	-0.116 (0.144)	0.115 (0.243)	-0.133 (0.270)	0.214 (0.166)	
Has visited traditional health practitioner? (1=yes)	0.257 (0.437)	-0.109+ (0.055)	0.017 (0.054)	-0.049 (0.056)	0.029 (0.044)	
Health Index	0.000 (0.437)	-0.025 (0.082)	-0.060 (0.086)	0.085 (0.104)	-0.065 (0.081)	
Number of observations	12545	1389	2372	2372	1885	

Note: First column reports sample means (and standard deviations below); Column 2 reports effect (and standard errors below) of the sub-county level baraza intervention; Column 3 reports the effect (and standard errors below) of the information component of the baraza intervention; Column 4 reports the effect (and standard errors below) of the deliberation component of the baraza intervention; Column 5 reports the effect (and standard errors below) of the administrative placement of the baraza intervention. **, * and + denotes significance at the 1, 5 and 10 percent levels.

Table 12: Treatment-control differences (ANCOVA) - Education

	mean	sc	baraza	information	deliberation	level
Number of children in UPS or USE	1.797 (1.914)	0.115 (0.221)	0.007 (0.219)	0.034 (0.205)	0.118 (0.240)	
Distance to public school (km)	1.420 (0.763)	0.096 (0.113)	0.030 (0.135)	-0.039 (0.152)	-0.004 (0.098)	
Has complete boundary fence (1=yes)	0.347 (0.476)	-0.076 (0.099)	0.091 (0.093)	0.190 ⁺ (0.093)	-0.009 (0.082)	
Has water facility (1=yes)	0.703 (0.457)	-0.125 (0.072)	0.125 (0.113)	0.150 (0.100)	0.050 (0.079)	
Has SMC (1=yes)	0.915 (0.279)	-0.033 (0.041)	0.050 (0.045)	-0.114 [*] (0.052)	0.080 [*] (0.033)	
Is informed about SMC (1=yes)	0.882 (0.323)	-0.063 (0.046)	-0.028 (0.050)	-0.052 (0.059)	-0.094 [*] (0.038)	
Inspectors visited schools (1=yes)	0.639 (0.480)	-0.219 [*] (0.086)	0.050 (0.092)	-0.010 (0.100)	0.047 (0.055)	
Education Index	0.000 (0.468)	-0.096 (0.092)	0.102 (0.079)	0.080 (0.087)	0.081 (0.083)	
Number of observations	12545	1203	2020	2020	1716	

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4 Heterogeneity related to ethnic fractionalization

Table 13: Treatment-control differences (ANCOVA) - Agriculture

	mean	sc	baraza	information	deliberation	level
Was visited by extension officer at home (yes/no)	0.178 (0.383)	-0.005 (0.041)	0.013 (0.061)	-0.101 (0.106)	-0.015 (0.031)	
Visited training or demonstration site (yes/no)	0.285 (0.452)	0.061 (0.052)	0.115+ (0.068)	-0.063 (0.092)	0.060 (0.044)	
NAADS or OWC in village (yes/no)	0.173 (0.378)	0.026 (0.041)	0.076 (0.060)	-0.030 (0.091)	0.065 (0.039)	
Uses modern inputs (improved seed or fertilizer) (yes/no)	0.435 (0.496)	0.078 (0.099)	-0.006 (0.077)	-0.068 (0.092)	-0.065 (0.060)	
Support in marketing from village procurement committee (yes/no)	0.069 (0.254)	0.032 (0.037)	-0.043 (0.032)	-0.016 (0.035)	0.015 (0.025)	
Support in marketing from cooperative (yes/no)	0.062 (0.241)	0.044 (0.042)	-0.029 (0.031)	-0.012 (0.042)	0.002 (0.025)	
Agriculture Index	0.000 (0.598)	0.093 (0.097)	0.027 (0.122)	-0.132 (0.179)	0.000 (0.065)	
Number of observations	12545	2390	4266	4266	3263	

Note: First column reports sample means (and standard deviations below); Column 2 reports effect (and standard errors below) of the sub-county level baraza intervention; Column 3 reports the effect (and standard errors below) of the information component of the baraza intervention; Column 4 reports the effect (and standard errors below) of the deliberation component of the baraza intervention; Column 5 reports the effect (and standard errors below) of the administrative placement of the baraza intervention. **, * and + denotes significance at the 1, 5 and 10 percent levels.

Table 14: Treatment-control differences (ANCOVA) - Infrastructure

	mean	sc	baraza	information	deliberation	level
Household uses unprotected water source during dry season (yes/no)	0.159 (0.366)	-0.020 (0.101)	0.019 (0.070)	-0.019 (0.076)	-0.058 (0.070)	
Distance to water source	0.748 (0.576)	-0.167 (0.098)	-0.165* (0.079)	0.078 (0.119)	-0.052 (0.069)	
Average waiting time at source (min)	3.198 (1.638)	0.014 (0.331)	-0.188 (0.246)	-0.332 (0.416)	-0.298 (0.199)	
Is there a Water User Committee in this village? (yes/no)	0.598 (0.490)	-0.011 (0.091)	-0.008 (0.071)	0.038 (0.087)	0.015 (0.079)	
Distance to nearest all weather road (km)	2.849 (1.788)	-2.357** (0.598)	-1.576* (0.601)	-1.072+ (0.556)	-1.600** (0.378)	
Infrastructure Index	0.000 (0.447)	0.274** (0.077)	0.192* (0.081)	0.210* (0.083)	0.287** (0.071)	
Number of observations	12545	2261	4066	4066	3191	

Note: First column reports sample means (and standard deviations below); Column 2 reports effect (and standard errors below) of the sub-county level baraza intervention; Column 3 reports the effect (and standard errors below) of the information component of the baraza intervention; Column 4 reports the effect (and standard errors below) of the deliberation component of the baraza intervention; Column 5 reports the effect (and standard errors below) of the administrative placement of the baraza intervention. **, * and + denotes significance at the 1, 5 and 10 percent levels.

Table 15: Treatment-control differences (ANCOVA) - Health

	mean	sc	baraza	information	deliberation	level
Seek treatment for fever in public health facility (1=yes)	0.691 (0.462)	0.114 (0.076)	0.034 (0.067)	-0.005 (0.083)	0.076 (0.082)	
Go to public health facility to give birth (1=yes)	0.813 (0.390)	0.090 (0.091)	0.018 (0.057)	0.038 (0.087)	0.021 (0.067)	
Is there a VHT in village? (1=yes)	0.881 (0.323)	-0.051 (0.055)	-0.012 (0.049)	0.045 (0.050)	0.078+ (0.042)	
Distance to nearest govt health facility (km)	3.875 (1.377)	-1.399** (0.467)	-1.148* (0.468)	-0.535 (0.464)	-1.265** (0.298)	
Were days work/school missed due to illness? (1=yes)	2.576 (2.189)	-0.006 (0.187)	0.095 (0.315)	0.678* (0.307)	0.399+ (0.213)	
Waiting time before being attended (min)	4.744 (1.012)	-0.282 (0.225)	-0.011 (0.221)	-0.082 (0.256)	-0.319* (0.140)	
Has visited traditional health practitioner? (1=yes)	0.257 (0.437)	-0.087 (0.052)	-0.028 (0.057)	-0.019 (0.064)	0.012 (0.038)	
Health Index	0.000 (0.437)	0.254** (0.069)	0.114 (0.086)	-0.006 (0.085)	0.242** (0.056)	
Number of observations	12545	1434	2417	2417	1953	

Note: First column reports sample means (and standard deviations below); Column 2 reports effect (and standard errors below) of the sub-county level baraza intervention; Column 3 reports the effect (and standard errors below) of the information component of the baraza intervention; Column 4 reports the effect (and standard errors below) of the deliberation component of the baraza intervention; Column 5 reports the effect (and standard errors below) of the administrative placement of the baraza intervention. **, * and + denotes significance at the 1, 5 and 10 percent levels.

Table 16: Treatment-control differences (ANCOVA) - Education

	mean	sc	baraza	information	deliberation	level
Number of children in UPS or USE	1.797 (1.914)	-0.060 (0.339)	0.136 (0.209)	0.256 (0.233)	0.415 ⁺ (0.232)	
Distance to public school (km)	1.420 (0.763)	-0.284* (0.128)	-0.006 (0.140)	-0.098 (0.164)	-0.093 (0.123)	
Has complete boundary fence (1=yes)	0.347 (0.476)	0.096 (0.103)	0.090 (0.097)	0.073 (0.103)	-0.016 (0.085)	
Has water facility (1=yes)	0.703 (0.457)	0.075 (0.076)	0.030 (0.103)	-0.050 (0.099)	0.018 (0.118)	
Has SMC (1=yes)	0.915 (0.279)	-0.045 (0.057)	-0.108* (0.044)	0.008 (0.065)	-0.008 (0.038)	
Is informed about SMC (1=yes)	0.882 (0.323)	-0.036 (0.056)	-0.053 (0.049)	-0.056 (0.064)	-0.071 (0.043)	
Inspectors visited schools (1=yes)	0.639 (0.480)	-0.018 (0.094)	-0.234** (0.082)	0.018 (0.087)	-0.114 ⁺ (0.059)	
Education Index	0.000 (0.468)	0.106 (0.078)	-0.055 (0.076)	0.045 (0.083)	0.048 (0.071)	
Number of observations	12545	1251	2068	2068	1780	

Note: First column reports sample means (and standard deviations below); Column 2 reports effect (and standard errors below) of the sub-county level baraza intervention; Column 3 reports the effect (and standard errors below) of the information component of the baraza intervention; Column 4 reports the effect (and standard errors below) of the deliberation component of the baraza intervention; Column 5 reports the effect (and standard errors below) of the administrative placement of the baraza intervention. **, * and + denotes significance at the 1, 5 and 10 percent levels.

5 Heterogeneity related to remoteness

Table 17: Treatment-control differences (ANCOVA) - Agriculture

	mean	sc	baraza	information	deliberation	level
Was visited by extension officer at home (yes/no)	0.178 (0.383)	-0.044 (0.039)	-0.082 (0.059)	-0.085 (0.117)	0.069+ (0.033)	
Visited training or demonstration site (yes/no)	0.285 (0.452)	-0.012 (0.063)	-0.038 (0.069)	-0.077 (0.104)	0.084** (0.028)	
NAADS or OWC in village (yes/no)	0.173 (0.378)	0.009 (0.041)	-0.071 (0.064)	-0.071 (0.075)	0.052+ (0.026)	
Uses modern inputs (improved seed or fertilizer) (yes/no)	0.435 (0.496)	-0.072 (0.050)	-0.088 (0.056)	-0.008 (0.087)	0.045 (0.041)	
Support in marketing from village procurement committee (yes/no)	0.069 (0.254)	-0.020 (0.038)	-0.019 (0.038)	-0.045 (0.041)	0.026 (0.022)	
Support in marketing from cooperative (yes/no)	0.062 (0.241)	0.044 (0.042)	0.022 (0.034)	-0.008 (0.045)	0.061* (0.028)	
Agriculture Index	0.000 (0.598)	-0.047 (0.086)	-0.116 (0.117)	-0.190 (0.187)	0.170** (0.053)	
Number of observations	12545	2388	4264	4264	3261	

Note: First column reports sample means (and standard deviations below); Column 2 reports effect (and standard errors below) of the sub-county level baraza intervention; Column 3 reports the effect (and standard errors below) of the information component of the baraza intervention; Column 4 reports the effect (and standard errors below) of the deliberation component of the baraza intervention; Column 5 reports the effect (and standard errors below) of the administrative placement of the baraza intervention. **, * and + denotes significance at the 1, 5 and 10 percent levels.

Table 18: Treatment-control differences (ANCOVA) - Infrastructure

	mean	sc baraza	information	deliberation	level
Household uses unprotected water source during dry season (yes/no)	0.159 (0.366)	-0.096 ⁺ (0.057)	-0.023 (0.048)	-0.024 (0.083)	0.000 (0.052)
Distance to water source	0.748 (0.576)	-0.016 (0.093)	-0.035 (0.077)	-0.017 (0.123)	-0.055 (0.052)
Average waiting time at source (min)	3.198 (1.638)	-0.032 (0.227)	-0.174 (0.260)	-0.439 (0.412)	-0.508* (0.206)
Is there a Water User Committee in this village? (yes/no)	0.598 (0.490)	0.092 (0.072)	-0.004 (0.063)	0.017 (0.080)	0.068 (0.052)
Distance to nearest all weather road (km)	2.849 (1.788)	-0.077 (0.343)	-0.188 (0.416)	0.726 (0.463)	0.124 (0.391)
Infrastructure Index	0.000 (0.447)	0.082 (0.060)	0.053 (0.074)	0.042 (0.103)	0.097 (0.060)
Number of observations	12545	2259	4064	4064	3189

Note: First column reports sample means (and standard deviations below); Column 2 reports effect (and standard errors below) of the sub-county level baraza intervention; Column 3 reports the effect (and standard errors below) of the information component of the baraza intervention; Column 4 reports the effect (and standard errors below) of the deliberation component of the baraza intervention; Column 5 reports the effect (and standard errors below) of the administrative placement of the baraza intervention. **, * and + denotes significance at the 1, 5 and 10 percent levels.

Table 19: Treatment-control differences (ANCOVA) - Health

	mean	sc	baraza	information	deliberation	level
Seek treatment for fever in public health facility (1=yes)	0.691 (0.462)	-0.066 (0.046)	-0.045 (0.051)	-0.121* (0.054)	0.056 (0.066)	
Go to public health facility to give birth (1=yes)	0.813 (0.390)	-0.038 (0.042)	-0.040 (0.049)	-0.088+ (0.046)	0.054 (0.087)	
Is there a VHT in village? (1=yes)	0.881 (0.323)	-0.024 (0.044)	-0.032 (0.047)	0.035 (0.048)	-0.012 (0.027)	
Distance to nearest govt health facility (km)	3.875 (1.377)	0.187 (0.250)	-0.044 (0.296)	0.567 (0.352)	0.316 (0.277)	
Were days work/school missed due to illness? (1=yes)	2.576 (2.189)	0.231 (0.187)	0.505* (0.249)	0.260 (0.340)	-0.080 (0.190)	
Waiting time before being attended (min)	4.744 (1.012)	0.023 (0.126)	0.254+ (0.147)	0.233 (0.210)	-0.019 (0.099)	
Has visited traditional health practitioner? (1=yes)	0.257 (0.437)	-0.077 (0.052)	-0.014 (0.061)	0.062 (0.060)	0.032 (0.038)	
Health Index	0.000 (0.437)	0.033 (0.057)	-0.093 (0.057)	-0.119 (0.103)	0.044 (0.084)	
Number of observations	12545	1433	2416	2416	1952	

Note: First column reports sample means (and standard deviations below); Column 2 reports effect (and standard errors below) of the sub-county level baraza intervention; Column 3 reports the effect (and standard errors below) of the information component of the baraza intervention; Column 4 reports the effect (and standard errors below) of the deliberation component of the baraza intervention; Column 5 reports the effect (and standard errors below) of the administrative placement of the baraza intervention. **, * and + denotes significance at the 1, 5 and 10 percent levels.

Table 20: Treatment-control differences (ANCOVA) - Education

	mean	sc	baraza	information	deliberation	level
Number of children in UPS or USE	1.797 (1.914)	0.254 (0.195)	0.153 (0.165)	0.158 (0.210)	0.087 (0.195)	
Distance to public school (km)	1.420 (0.763)	-0.055 (0.127)	-0.070 (0.118)	-0.175 (0.135)	-0.081 (0.080)	
Has complete boundary fence (1=yes)	0.347 (0.476)	-0.024 (0.079)	-0.028 (0.085)	0.102 (0.094)	0.085 (0.068)	
Has water facility (1=yes)	0.703 (0.457)	0.095 (0.079)	-0.027 (0.072)	-0.005 (0.086)	-0.011 (0.052)	
Has SMC (1=yes)	0.915 (0.279)	0.026 (0.029)	-0.008 (0.033)	0.070 (0.063)	0.028 (0.029)	
Is informed about SMC (1=yes)	0.882 (0.323)	-0.036 (0.051)	-0.014 (0.047)	0.110 (0.098)	-0.015 (0.037)	
Inspectors visited schools (1=yes)	0.639 (0.480)	-0.058 (0.077)	-0.092 (0.070)	-0.052 (0.086)	0.016 (0.070)	
Education Index	0.000 (0.468)	0.110 (0.066)	0.041 (0.079)	0.161 ⁺ (0.081)	0.044 (0.048)	
Number of observations	12545	1250	2067	2067	1779	

Note: First column reports sample means (and standard deviations below); Column 2 reports effect (and standard errors below) of the sub-county level baraza intervention; Column 3 reports the effect (and standard errors below) of the information component of the baraza intervention; Column 4 reports the effect (and standard errors below) of the deliberation component of the baraza intervention; Column 5 reports the effect (and standard errors below) of the administrative placement of the baraza intervention. **, * and + denotes significance at the 1, 5 and 10 percent levels.