Uganda Correlations

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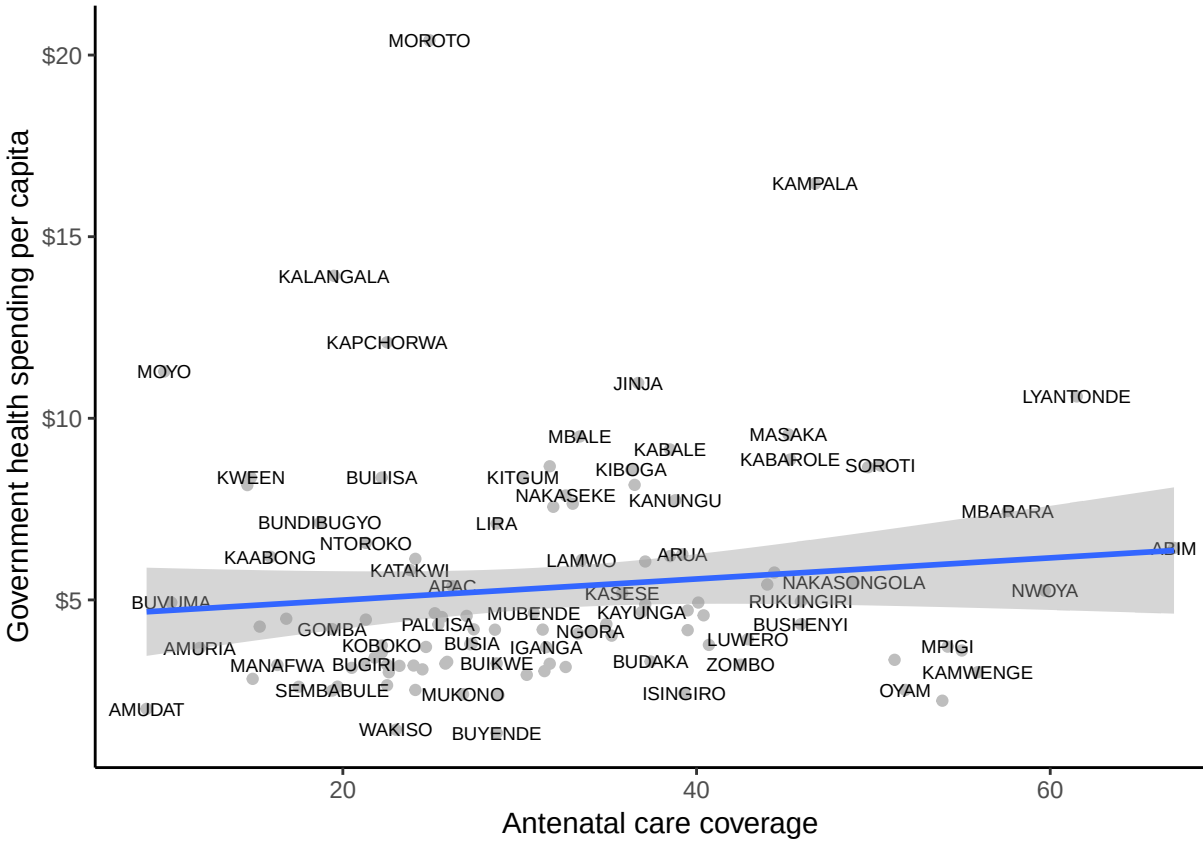
Contents

Uganda health correlations

Antenatal care coverage & Government health spending per capita



Antenatal care coverage & Government health spending per capita

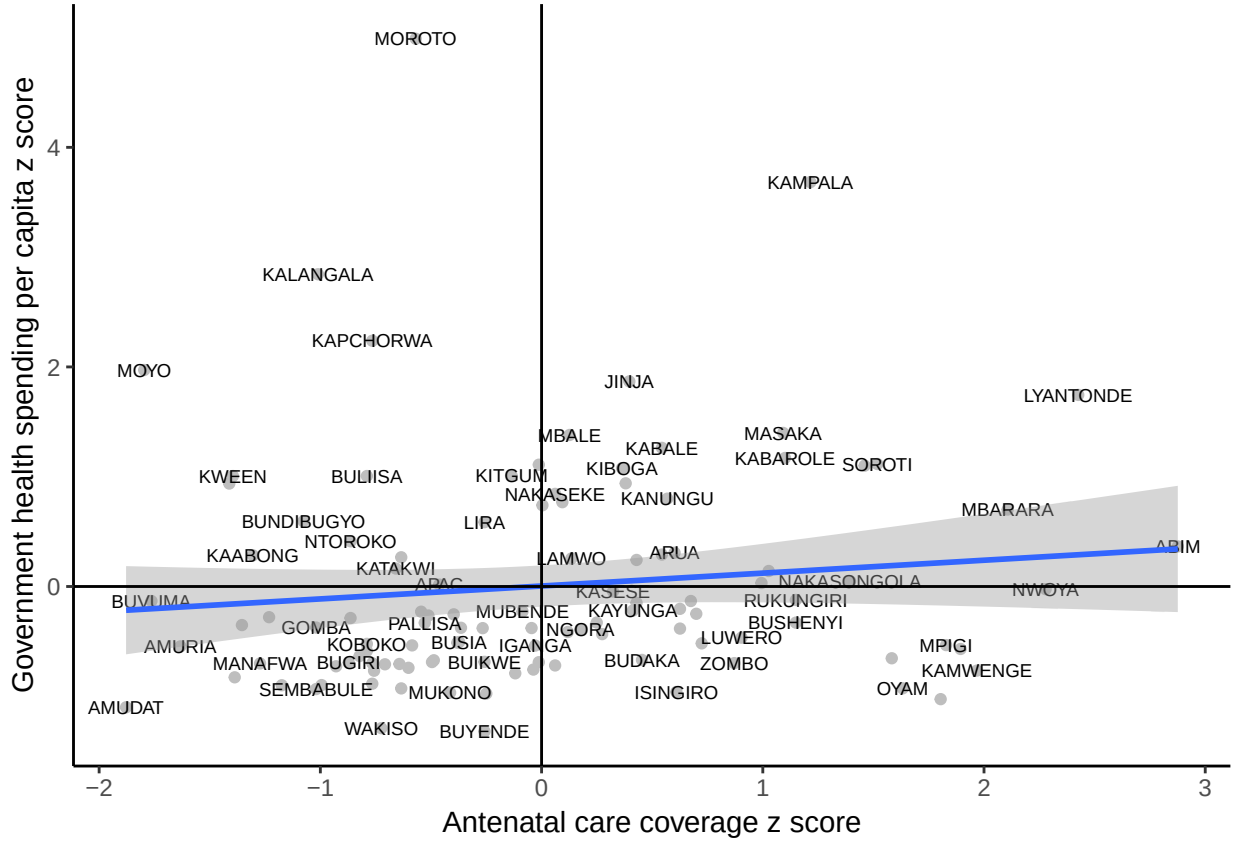
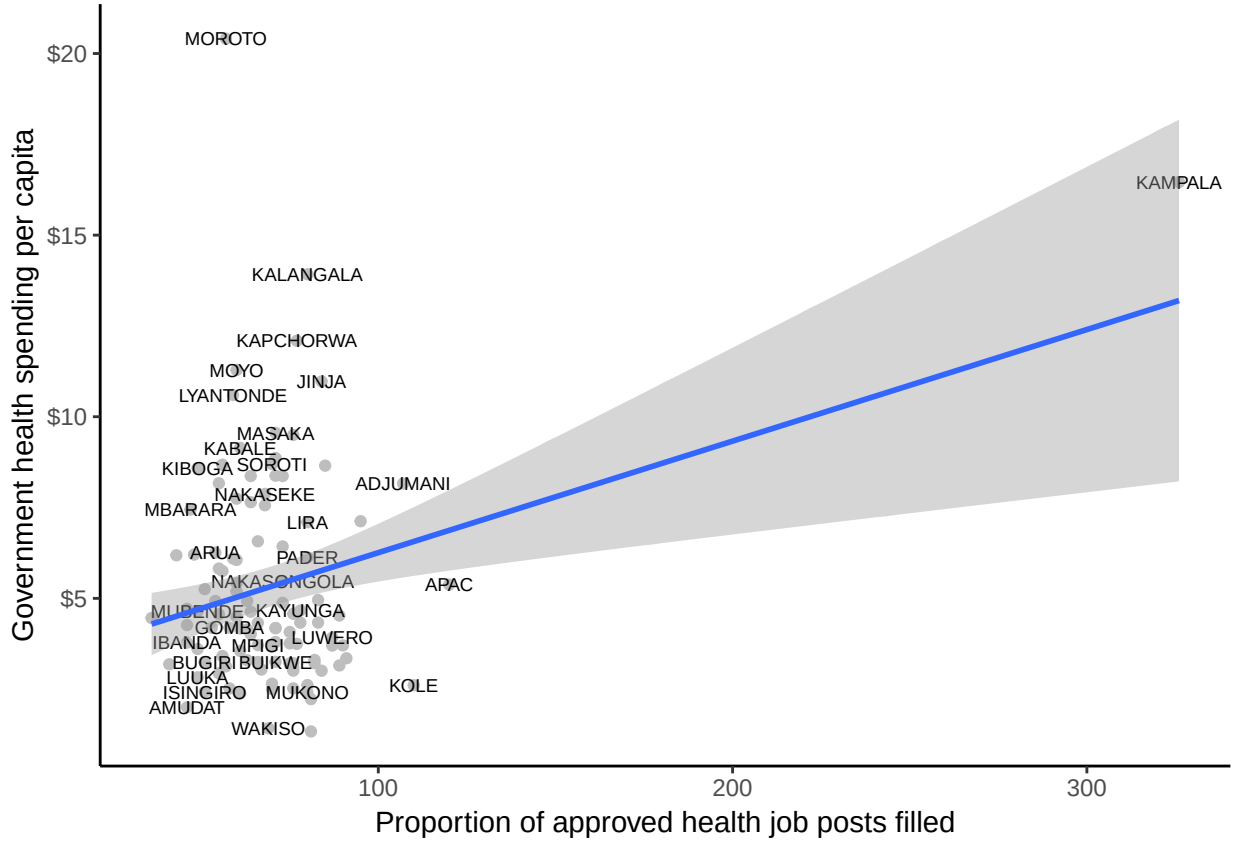


Table 1:

	Dependent variable:		
	Health spending per capita	Health spending per capita	Outliers dropped
	OLS	*probit*	*OLS*
	(1)	(2)	(3)
Antenatal care coverage	0.468	0.021	
	(0.380)	(0.039)	
Antenatal care coverage			0.586
			(0.489)
Constant	29.353***	−0.378	27.997***
	(2.334)	(0.243)	(2.609)
Observations	112	112	104
R^2	0.014		0.014
Adjusted R^2	0.005		0.004
Log Likelihood		−69.501	
Akaike Inf. Crit.		143.001	
Residual Std. Error	12.193 (df = 110)		10.954 (df = 102)
F Statistic	1.516 (df = 1; 110)		1.436 (df = 1; 102)
Note:			*p<0.1; **p<0.05; ***p<0.01

Proportion of approved health job posts filled & Government health spending per capita



Proportion of approved health job posts filled & Government health spending per capita

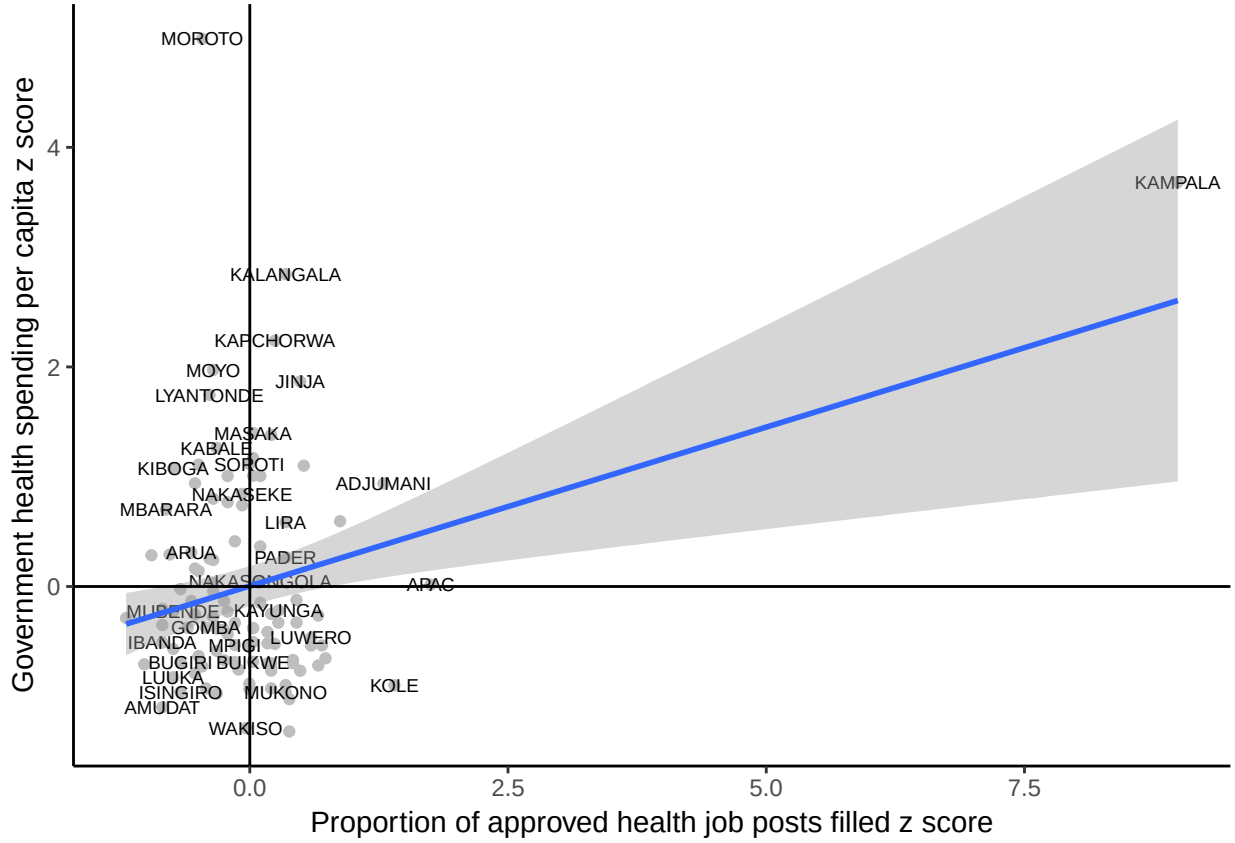
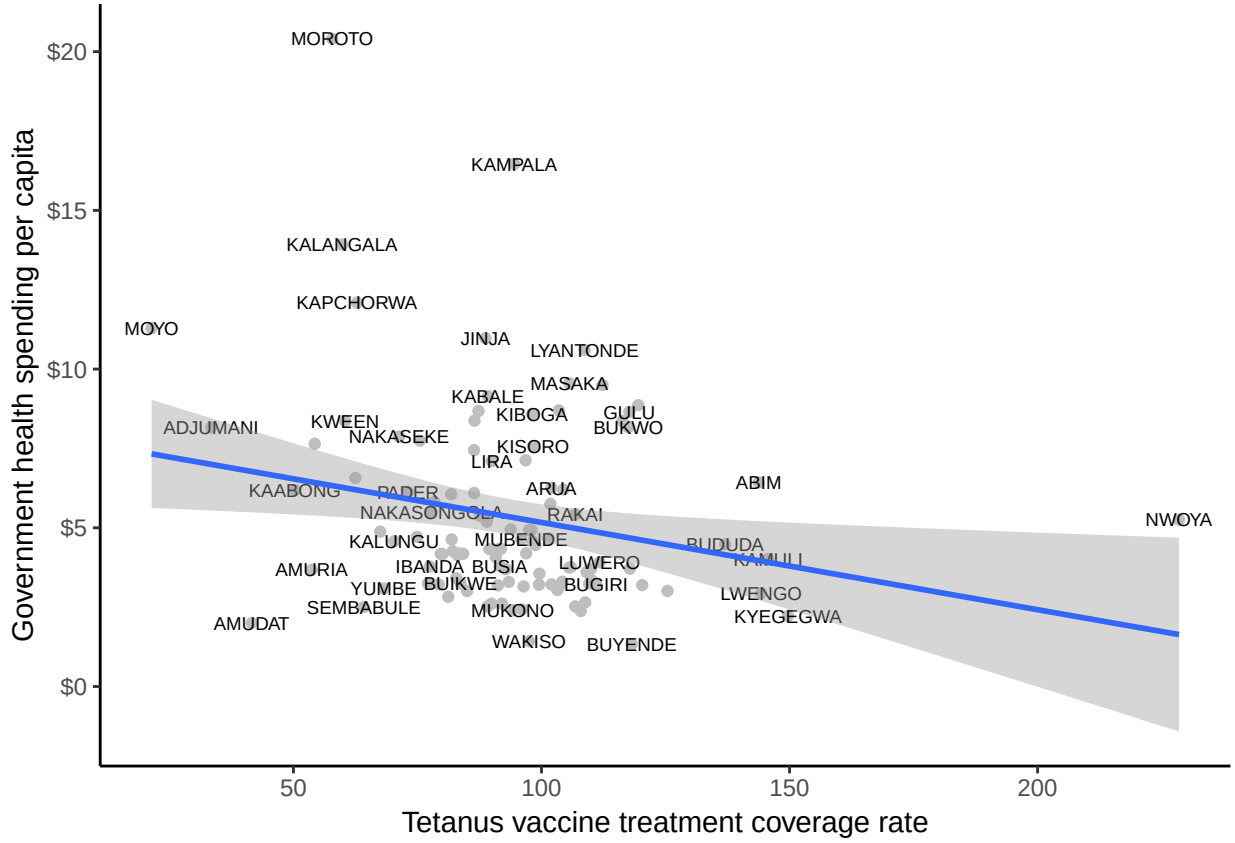


Table 2:

	Dependent variable:		
	Health spending per capita	Health spending per capita	Outliers dropped
	OLS	*probit*	*OLS*
	(1)	(2)	(3)
Proportion of approved health job posts filled	2.689***	0.040	
	(0.855)	(0.047)	
Proportion of approved health job posts filled			−0.209
			(0.641)
Constant	55.746***	−1.408***	68.741***
	(5.247)	(0.307)	(3.484)
Observations	112	112	108
R^2	0.083		0.001
Adjusted R^2	0.074		−0.008
Log Likelihood		−15.305	
Akaike Inf. Crit.		34.610	
Residual Std. Error	27.404 (df = 110)		14.921 (df = 106)
F Statistic	9.904*** (df = 1; 110)		0.107 (df = 1; 106)
Note:			*p<0.1; **p<0.05; ***p<0.01

Tetanus vaccine treatment coverage rate & Government health spending per capita



Tetanus vaccine treatment coverage rate & Government health spending per capita

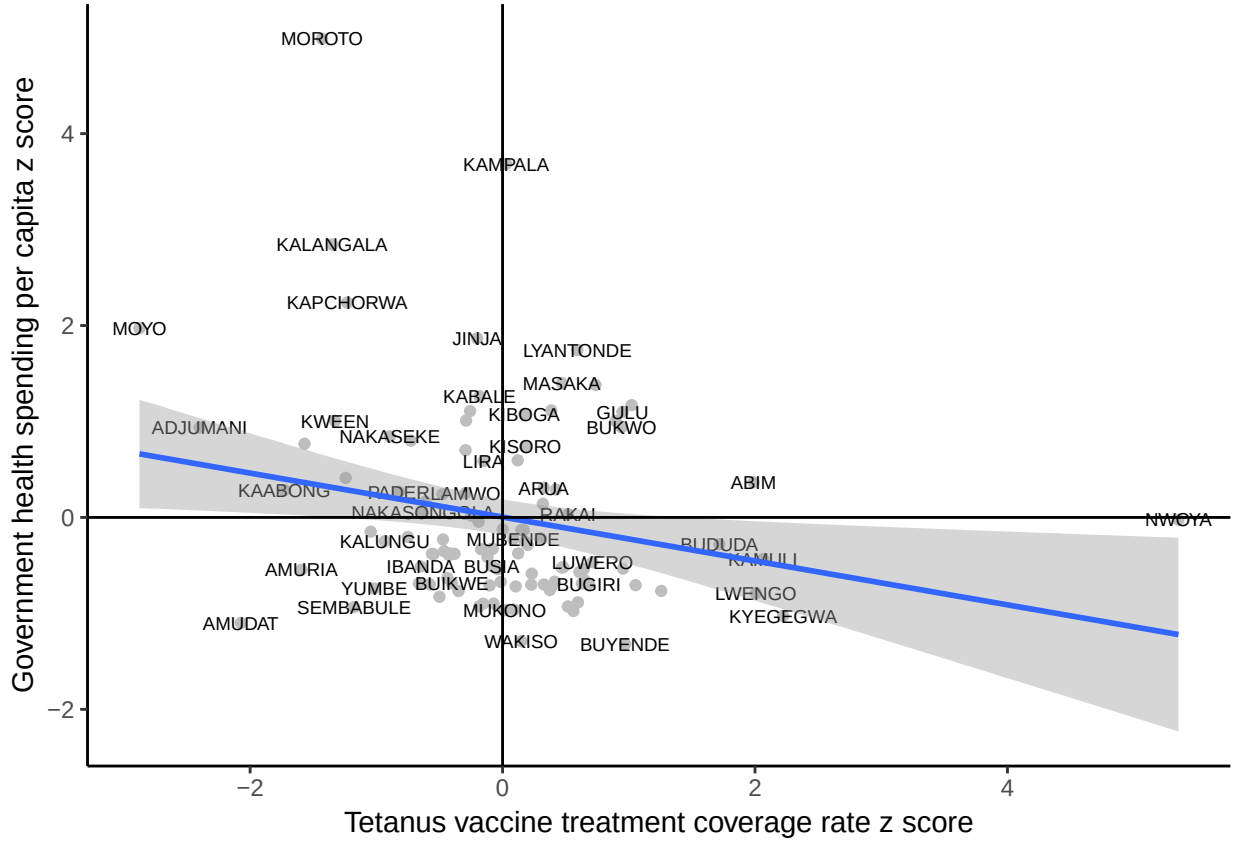
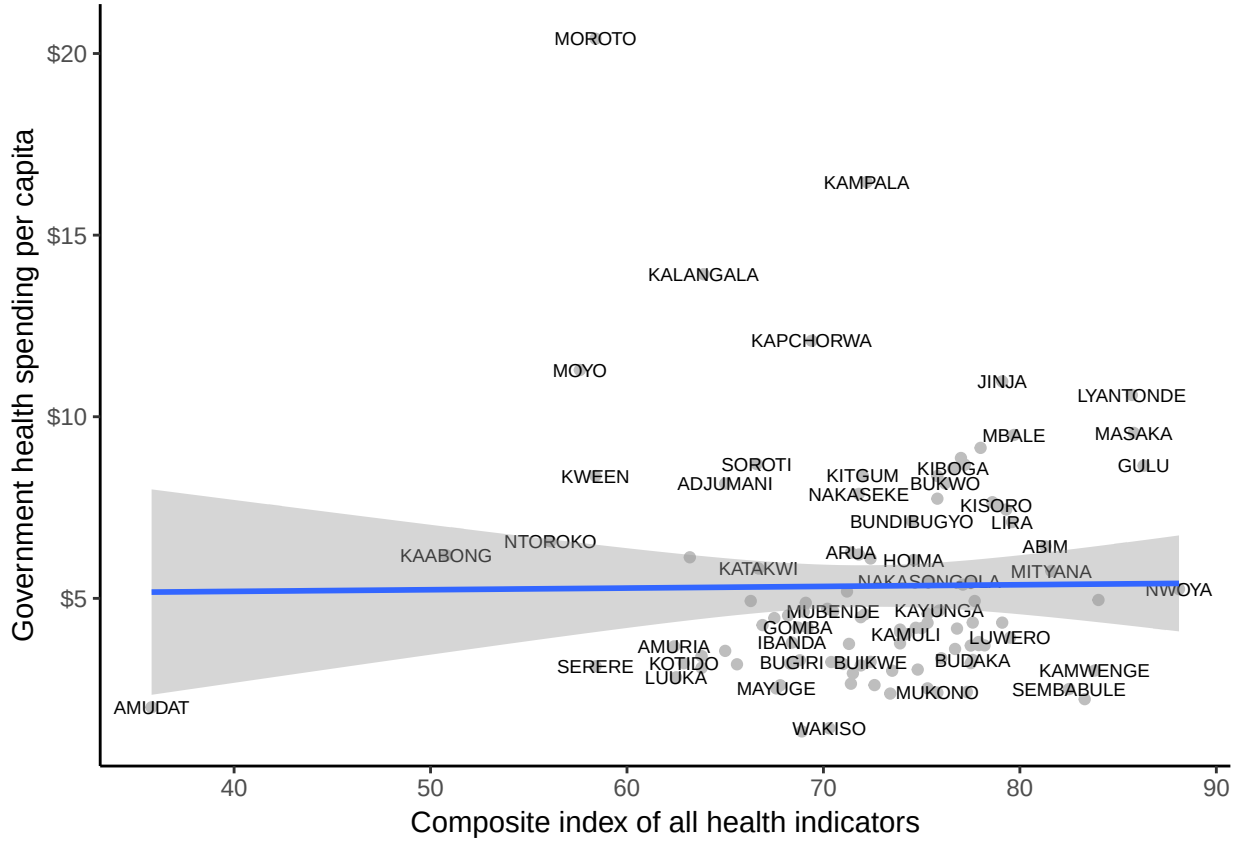


Table 3:

	Dependent variable:		
	Health spending per capita	Health spending per capita	Outliers dropped
	OLS	*probit*	*OLS*
	(1)	(2)	(3)
Tetanus vaccine treatment coverage rate	−1.878**	−0.026	
	(0.768)	(0.041)	
Tetanus vaccine treatment coverage rate			−1.104
			(0.853)
Constant	103.806***	−0.252	97.452***
	(4.713)	(0.250)	(4.686)
Observations	112	112	104
R^2	0.052		0.016
Adjusted R^2	0.043		0.007
Log Likelihood		−52.243	
Akaike Inf. Crit.		108.485	
Residual Std. Error	24.614 (df = 110)		19.636 (df = 102)
F Statistic	5.988** (df = 1; 110)		1.676 (df = 1; 102)
Note:			*p<0.1; **p<0.05; ***p<0.01

Composite index of all health indicators & Government health spending per capita



Composite index of all health indicators & Government health spending per capita

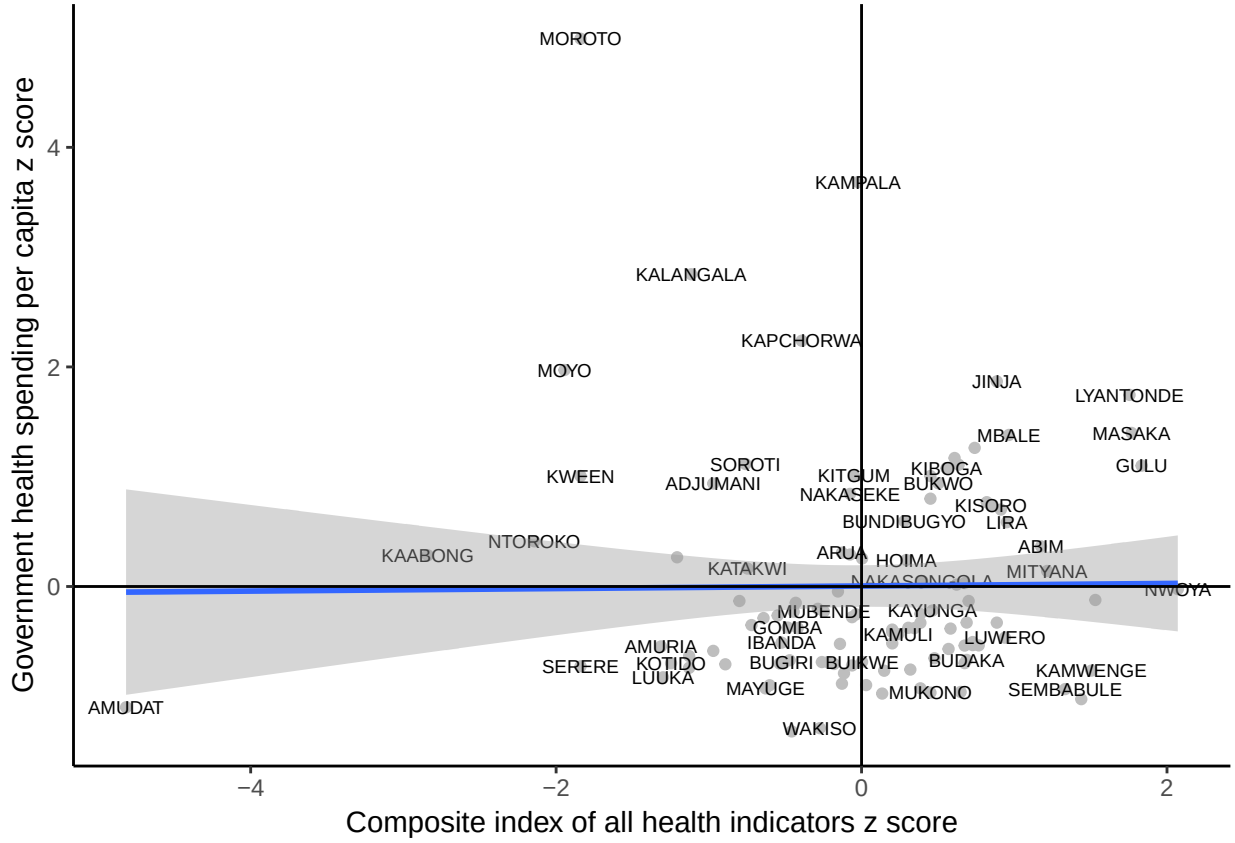
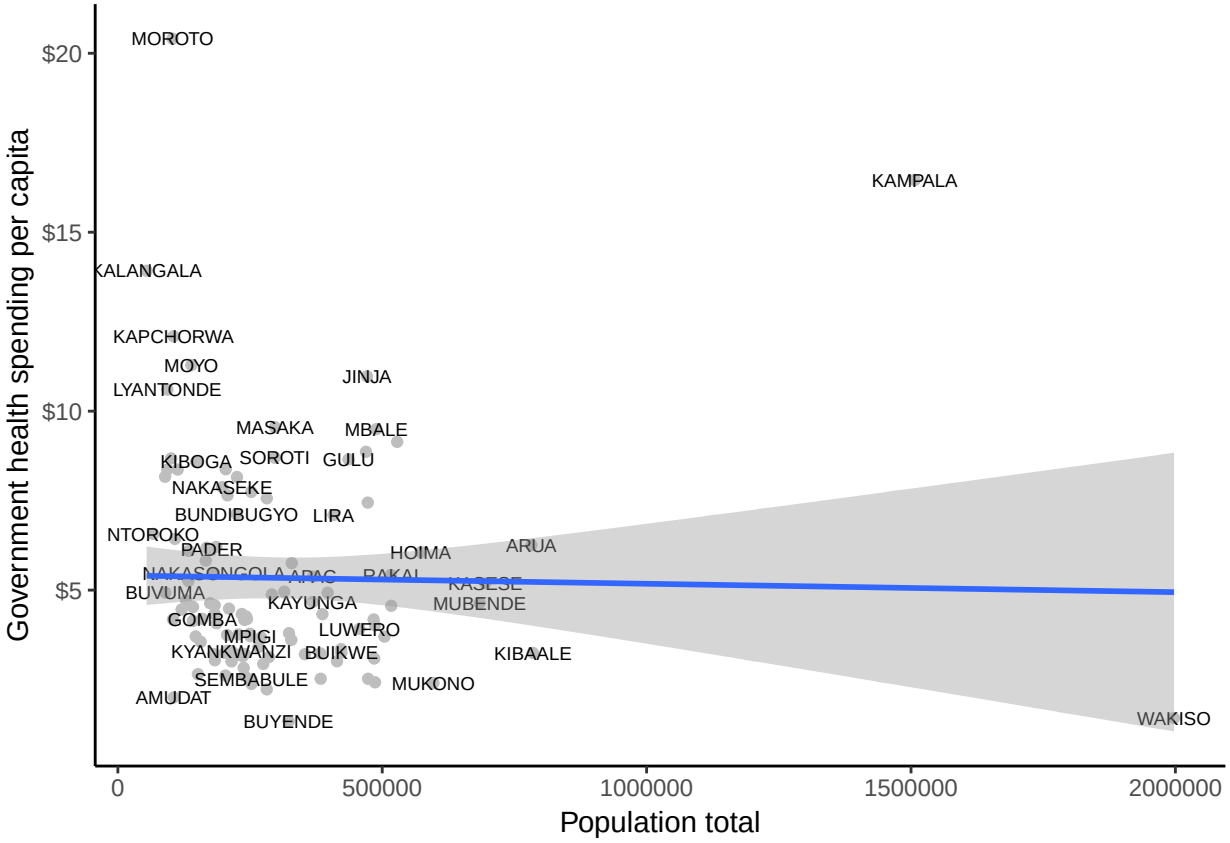


Table 4:

	Dependent variable:		
	Health spending per capita	Health spending per capita	Outliers dropped
	OLS	*probit*	*OLS*
	(1)	(2)	(3)
Composite index of all health indicators	0.028	0.002	
	(0.238)	(0.041)	
Composite index of all health indicators			0.626**
			(0.315)
Constant	72.221***	0.514**	69.364***
	(1.461)	(0.252)	(1.716)
Observations	112	112	107
R^2	0.0001		0.036
Adjusted R^2	−0.009		0.027
Log Likelihood		−46.020	
Akaike Inf. Crit.		96.040	
Residual Std. Error	7.628 (df = 110)		7.345 (df = 105)
F Statistic	0.014 (df = 1; 110)		3.943** (df = 1; 105)
Note:			*p<0.1; **p<0.05; ***p<0.01

Population total & Government health spending per capita



Population total & Government health spending per capita

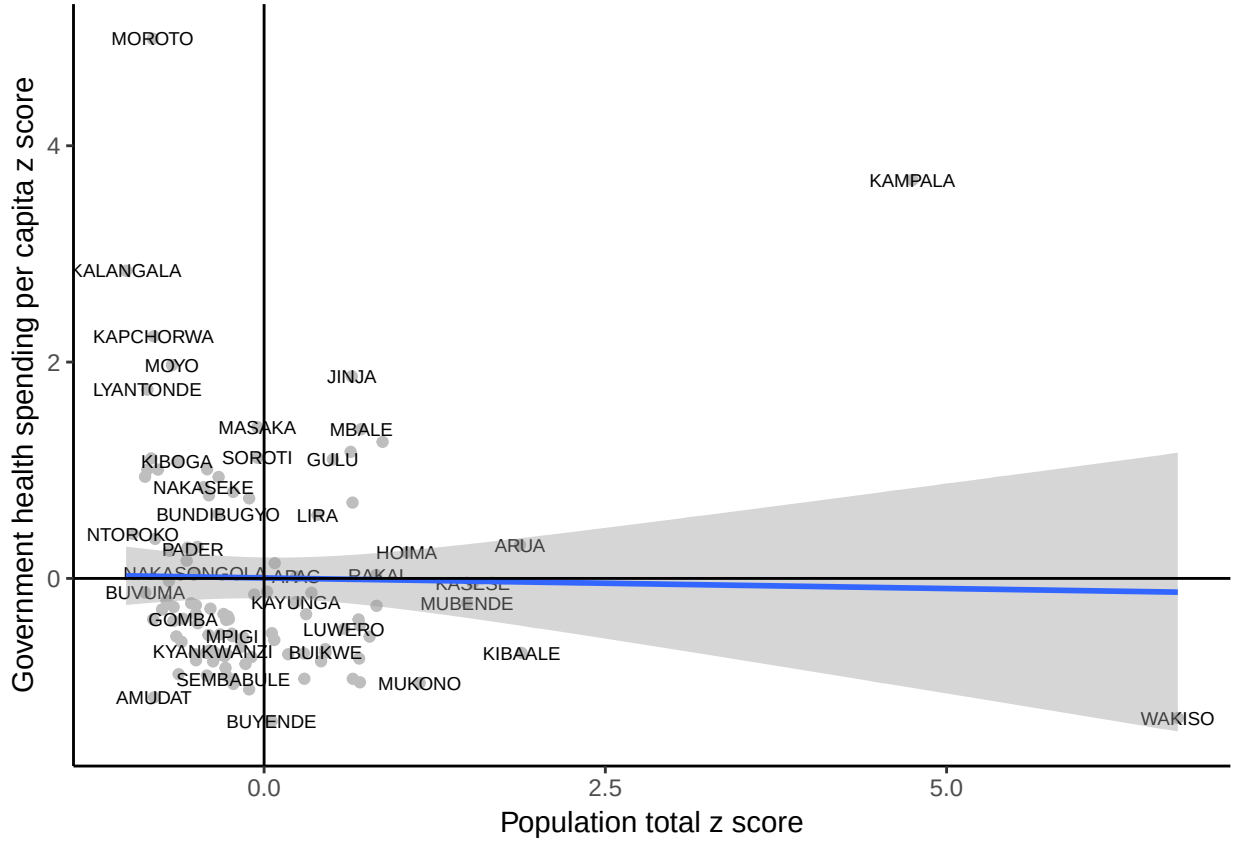
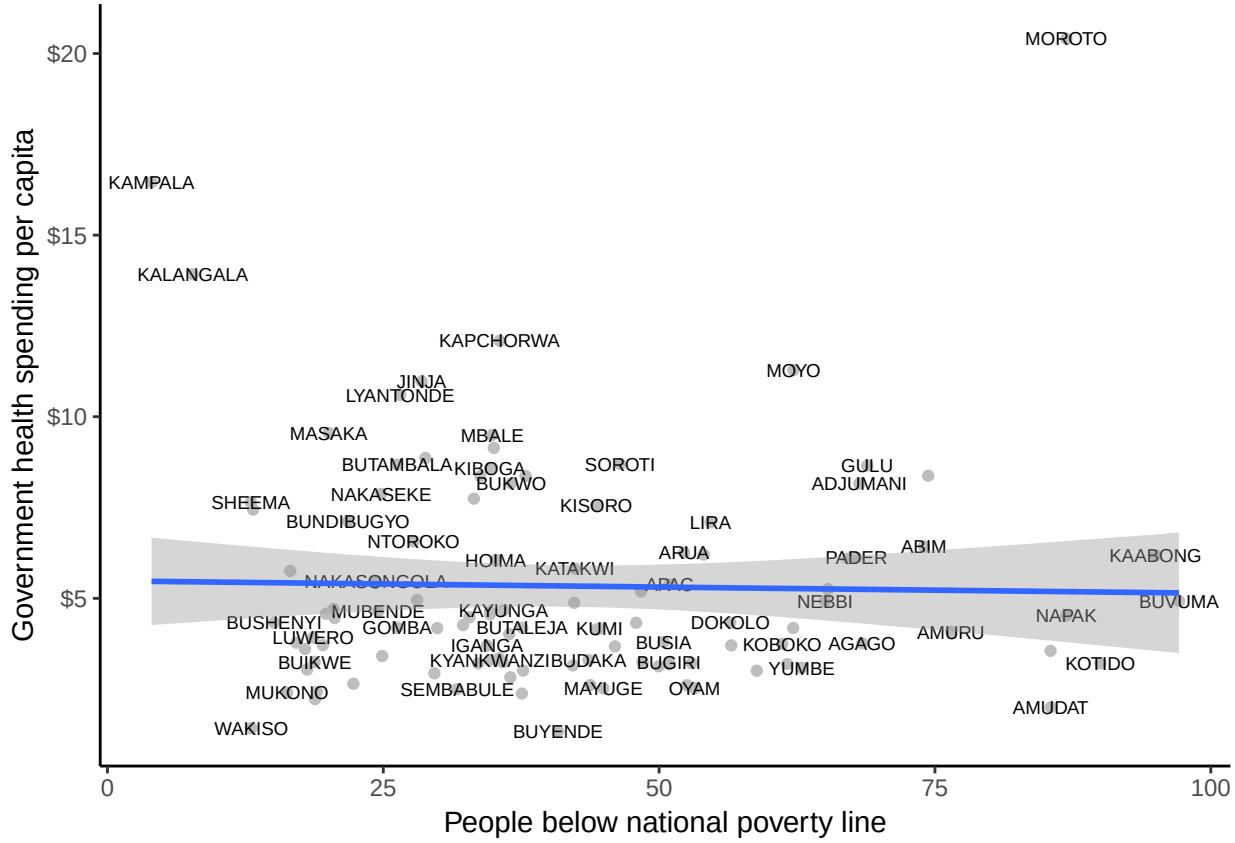


Table 5:

	Dependent variable:		
	Health spending per capita	Health spending per capita	Outliers dropped
	OLS	*probit*	*OLS*
	(1)	(2)	(3)
Population total	−1,613.679	−0.004	
	(7,898.857)	(0.050)	
Population total			−4,689.936
			(6,794.715)
Constant	317,855.000***	−1.101***	311,874.800***
	(48,497.560)	(0.305)	(37,115.530)
Observations	112	112	107
R^2	0.0004		0.005
Adjusted R^2	−0.009		−0.005
Log Likelihood		−19.584	
Akaike Inf. Crit.		43.169	
Residual Std. Error	253,299.400 (df = 110)		156,412.500 (df = 105)
F Statistic	0.042 (df = 1; 110)		0.476 (df = 1; 105)
Note:			*p<0.1; **p<0.05; ***p<0.01

People below national poverty line & Government health spending per capita



People below national poverty line & Government health spending per capita

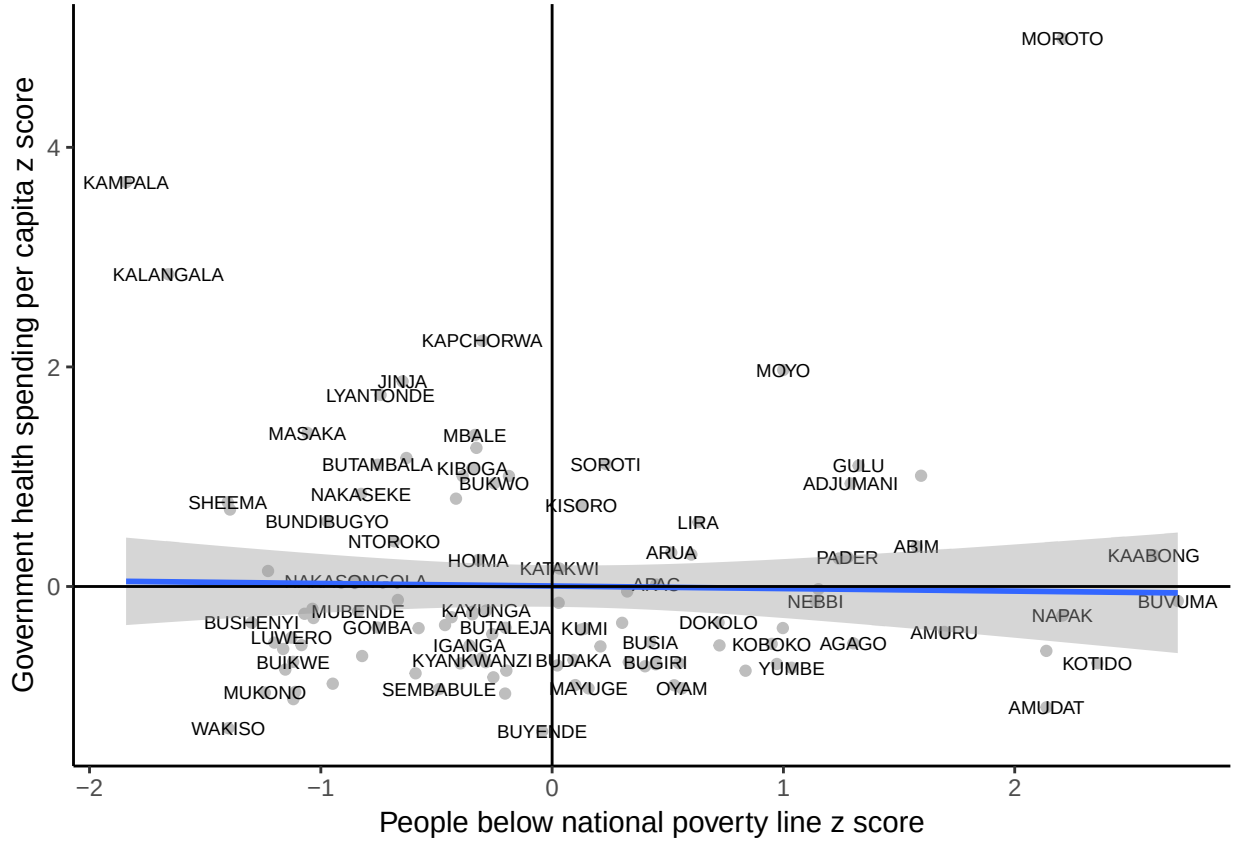
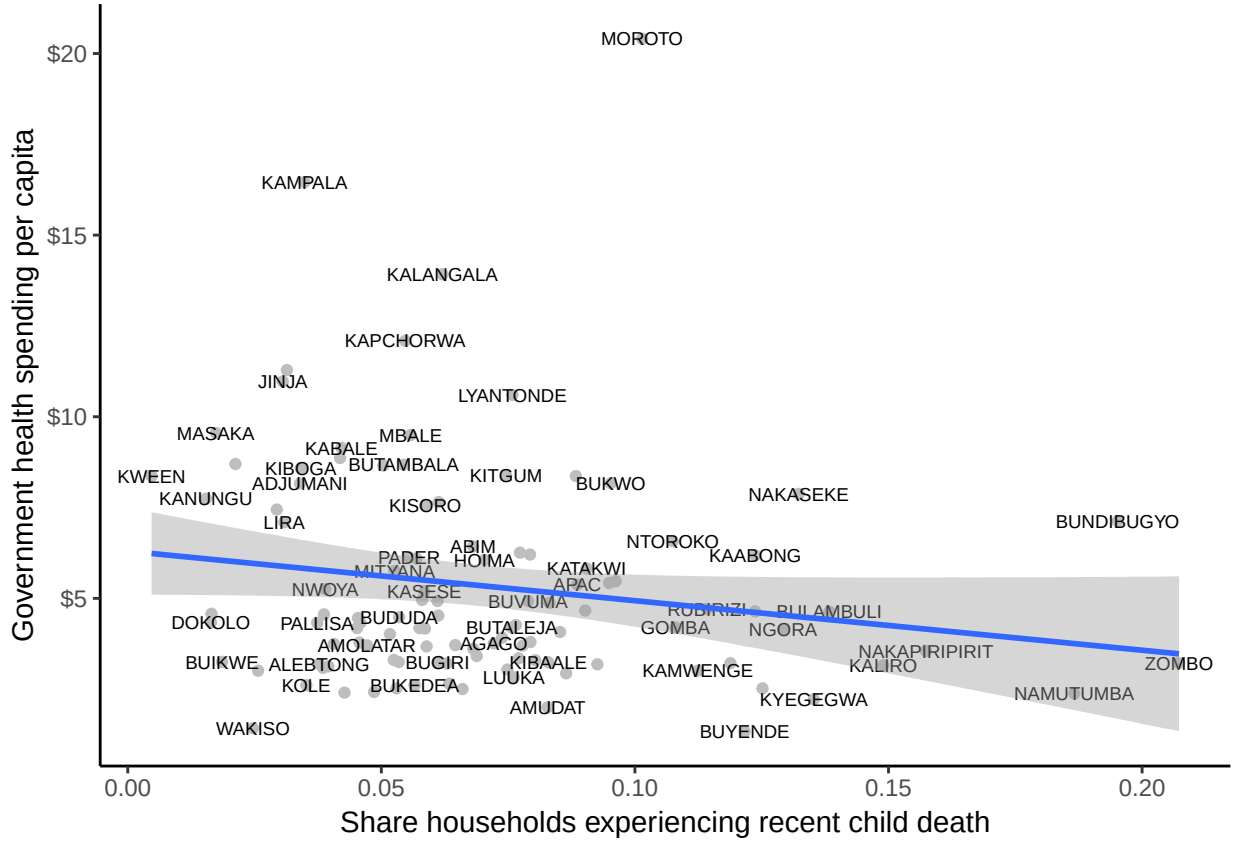


Table 6:

	Dependent variable:		
	Health spending per capita	Health spending per capita	Outliers dropped
	OLS	*probit*	*OLS*
	(1)	(2)	(3)
People below national poverty line	−0.155	−0.004	
	(0.641)	(0.040)	
People below national poverty line			0.321
			(0.717)
Constant	42.547***	−0.217	37.597***
	(3.938)	(0.243)	(3.943)
Observations	112	112	102
R^2	0.001		0.002
Adjusted R^2	−0.009		−0.008
Log Likelihood		−71.247	
Akaike Inf. Crit.		146.495	
Residual Std. Error	20.567 (df = 110)		16.457 (df = 100)
F Statistic	0.058 (df = 1; 110)		0.200 (df = 1; 100)
Note:			*p<0.1; **p<0.05; ***p<0.01

Share households experiencing recent child death & Government health spending per capita



Share households experiencing recent child death & Government health spending per capita

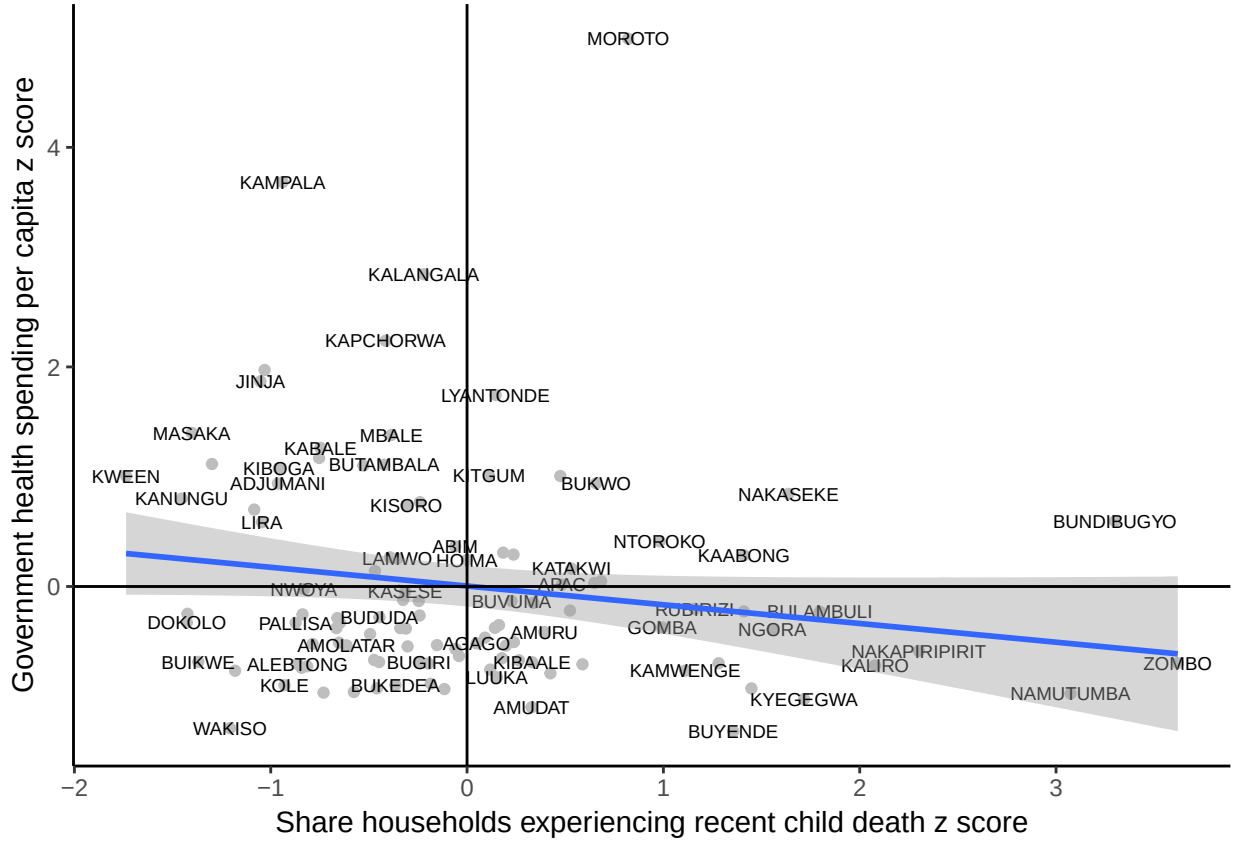
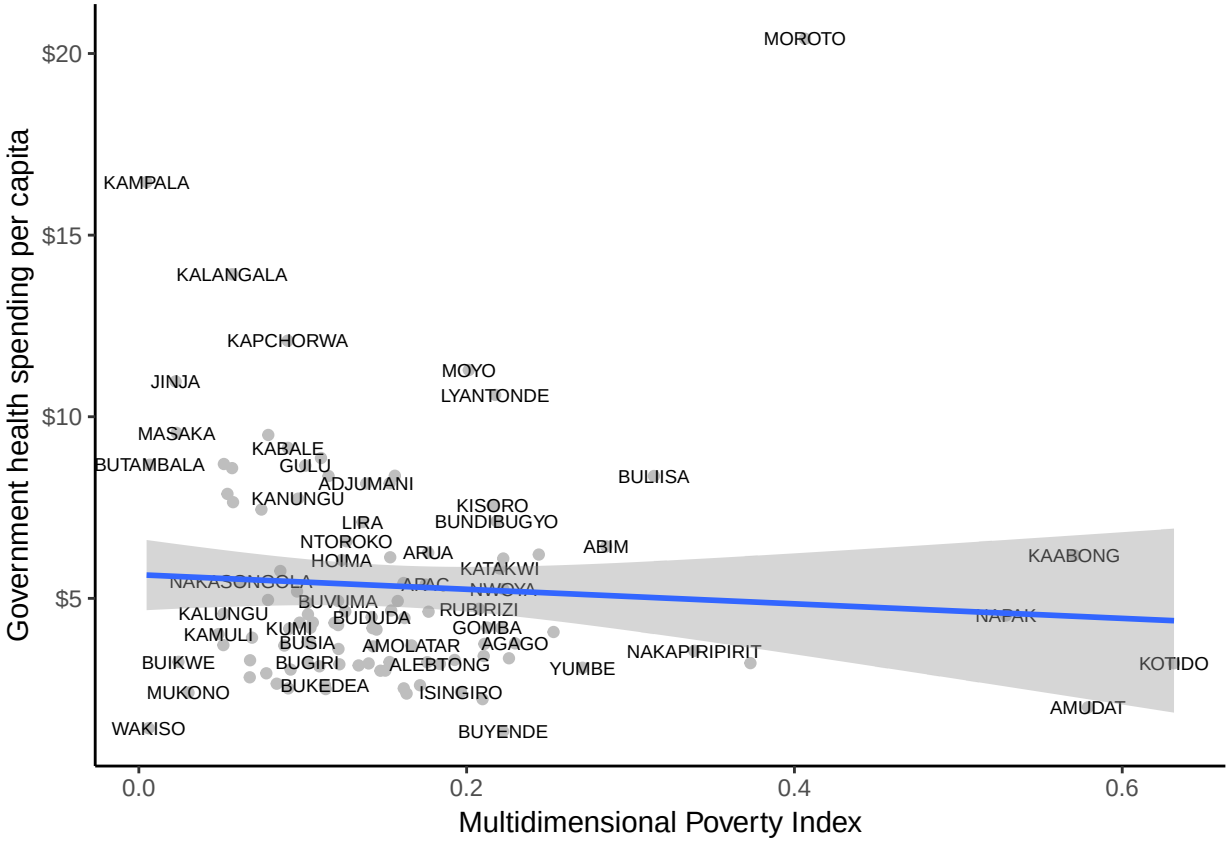


Table 7:

	Dependent variable:		
	Health spending per capita	Health spending per capita	Outliers dropped
	OLS	*probit*	*OLS*
	(1)	(2)	(3)
Share households experiencing recent child death	-0.002^{*}	-0.030	
	(0.001)	(0.042)	
Share households experiencing recent child death			-0.003^{**}
			(0.001)
Constant	0.082^{***}	-0.300	0.080^{***}
	(0.007)	(0.254)	(0.007)
Observations	112	112	103
R^2	0.029		0.046
Adjusted R^2	0.020		0.037
Log Likelihood		-56.247	
Akaike Inf. Crit.		116.493	
Residual Std. Error	0.037 (df = 110)		0.029 (df = 101)
F Statistic	3.250^{*} (df = 1; 110)		4.900^{**} (df = 1; 101)
Note:			*p<0.1; **p<0.05; ***p<0.01

Multidimensional Poverty Index & Government health spending per capita



Multidimensional Poverty Index & Government health spending per capita

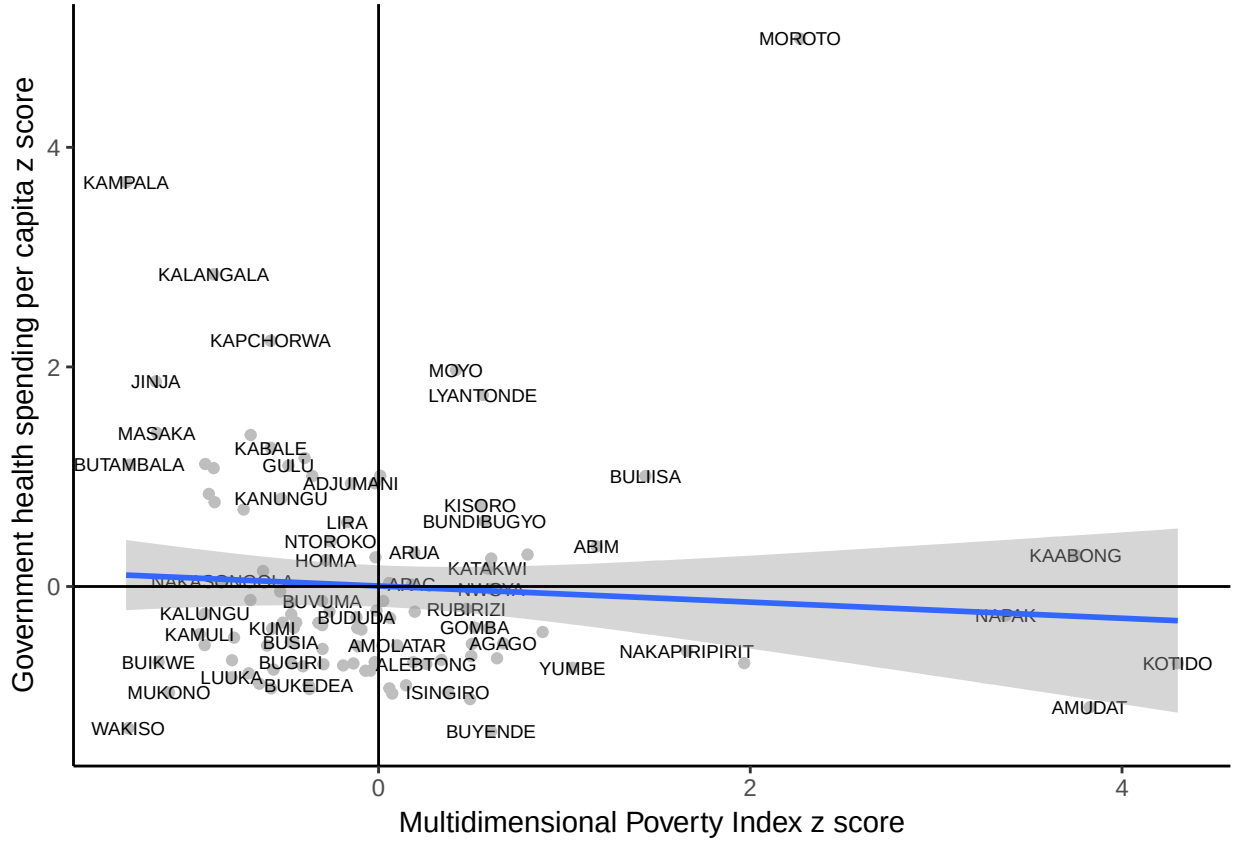
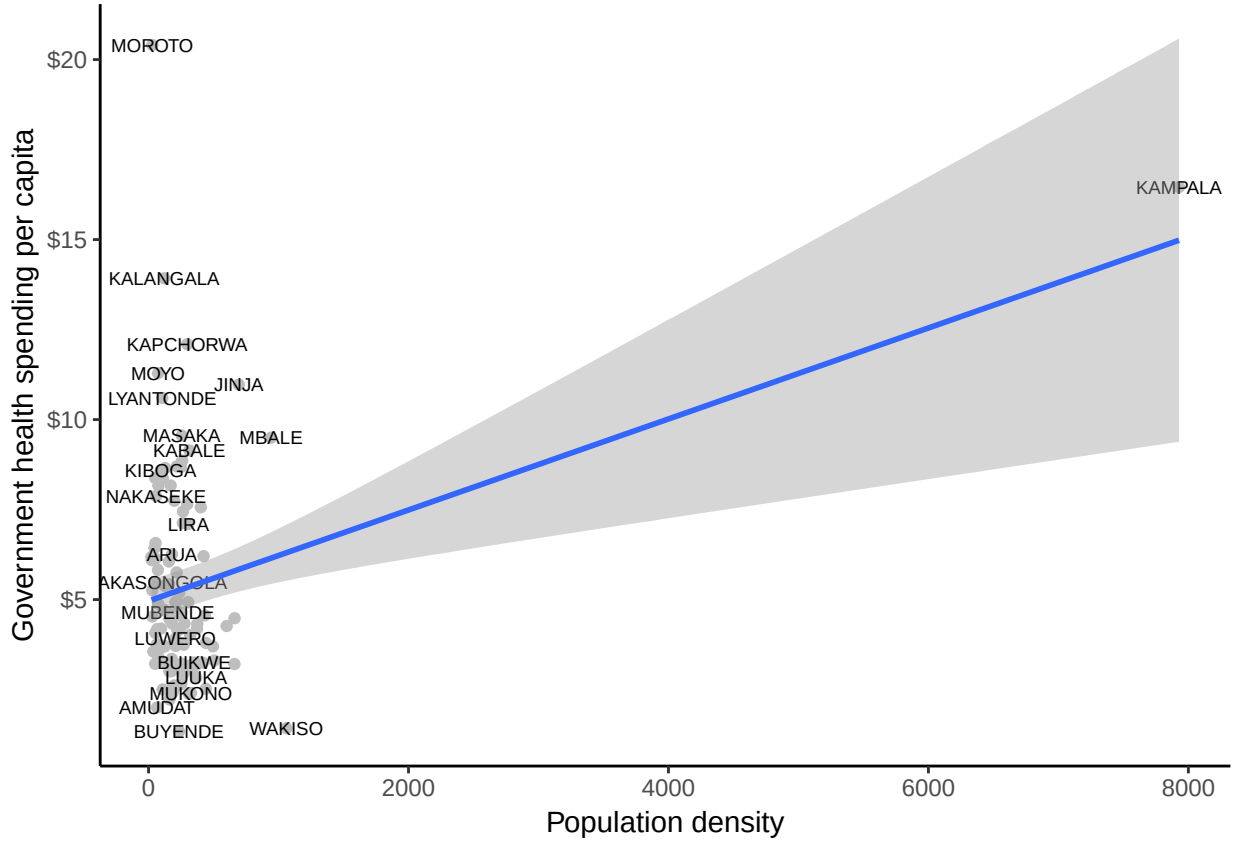


Table 8:

	Dependent variable:		
	Health spending per capita	Health spending per capita	Outliers dropped
	OLS	*probit*	*OLS*
	(1)	(2)	(3)
Multidimensional Poverty Index	−0.003	−0.013	
	(0.003)	(0.044)	
Multidimensional Poverty Index			−0.003
			(0.003)
Constant	0.169***	−0.635**	0.156***
	(0.021)	(0.265)	(0.017)
Observations	112	112	104
R^2	0.005		0.011
Adjusted R^2	−0.004		0.001
Log Likelihood		−38.975	
Akaike Inf. Crit.		81.950	
Residual Std. Error	0.111 (df = 110)		0.071 (df = 102)
F Statistic	0.588 (df = 1; 110)		1.149 (df = 1; 102)
Note:			*p<0.1; **p<0.05; ***p<0.01

Population density & Government health spending per capita



Population density & Government health spending per capita

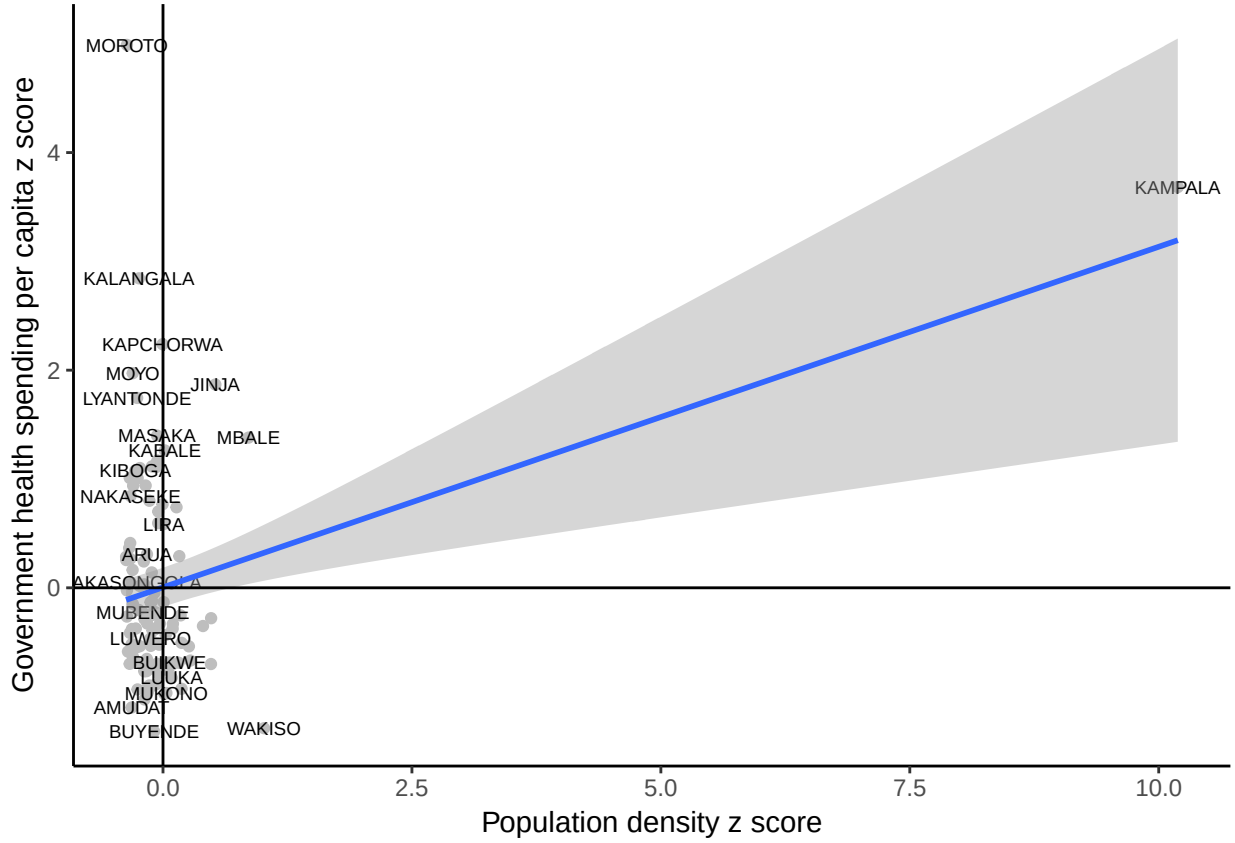
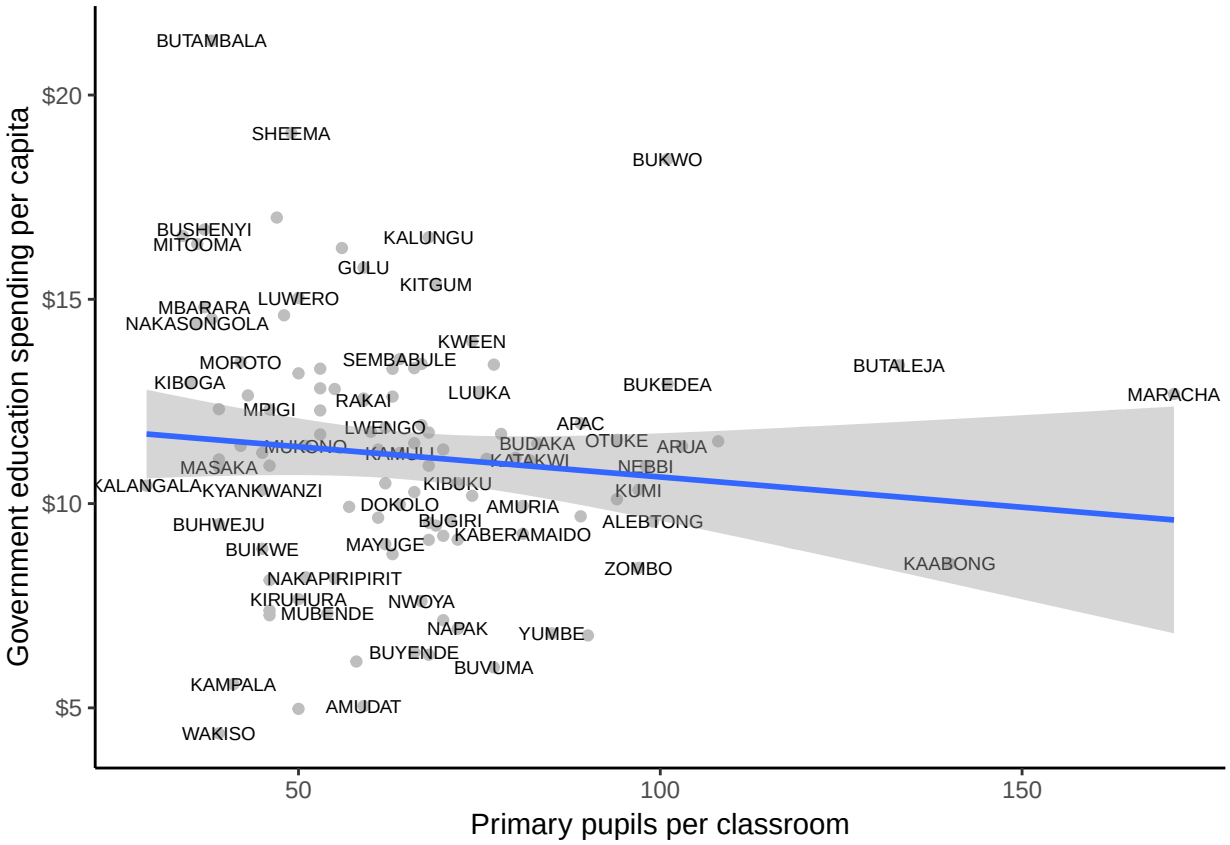


Table 9:

	Dependent variable:		
	Health spending per capita	Health spending per capita	Outliers dropped
	OLS	*probit*	*OLS*
	(1)	(2)	(3)
Population density	76.426***	0.079	
	(22.284)	(0.058)	
Population density			−6.119
			(7.683)
Constant	−107.749	−2.294***	264.278***
	(136.819)	(0.448)	(41.786)
Observations	112	112	108
R^2	0.097		0.006
Adjusted R^2	0.088		−0.003
Log Likelihood		−5.707	
Akaike Inf. Crit.		15.415	
Residual Std. Error	714.597 (df = 110)		178.944 (df = 106)
F Statistic	11.762*** (df = 1; 110)		0.634 (df = 1; 106)
Note:			*p<0.1; **p<0.05; ***p<0.01

Education

Primary pupils per classroom & Government education spending per capita



Primary pupils per classroom & Government education spending per capita

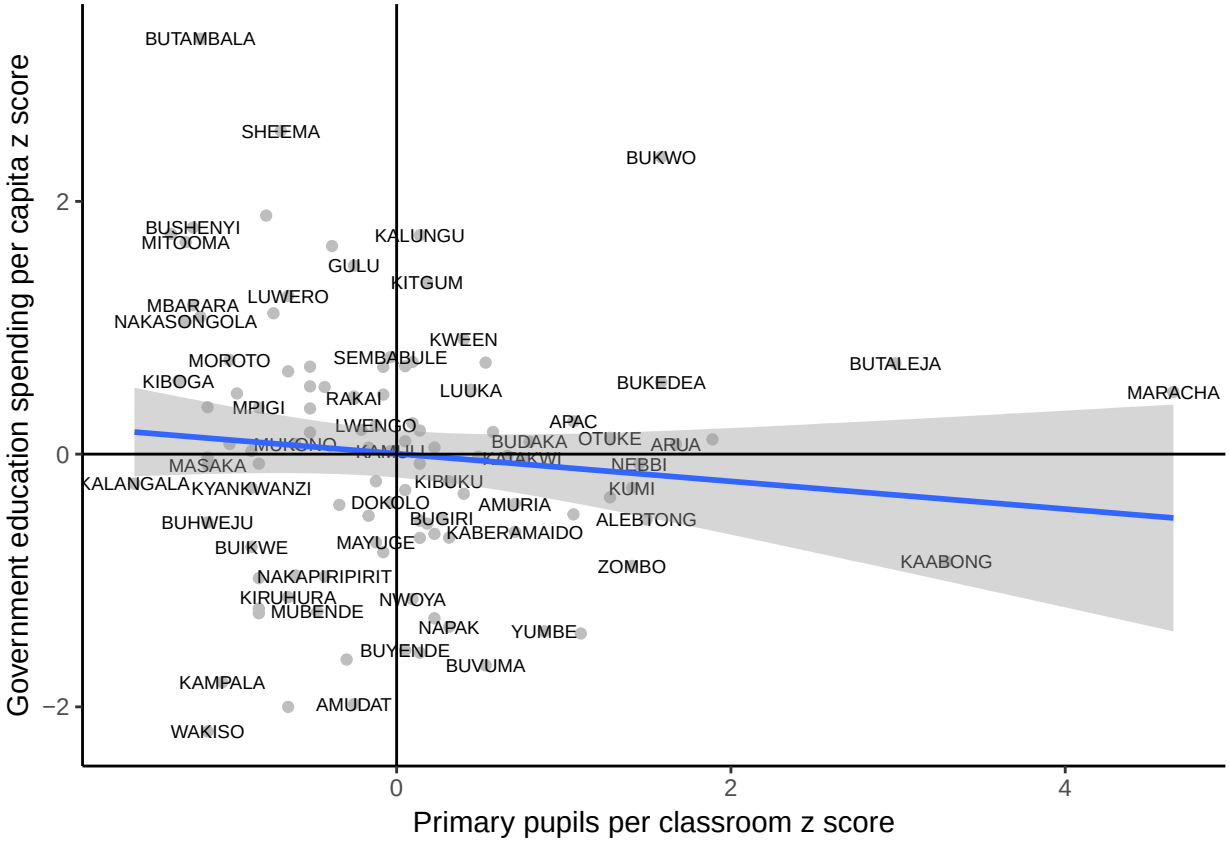
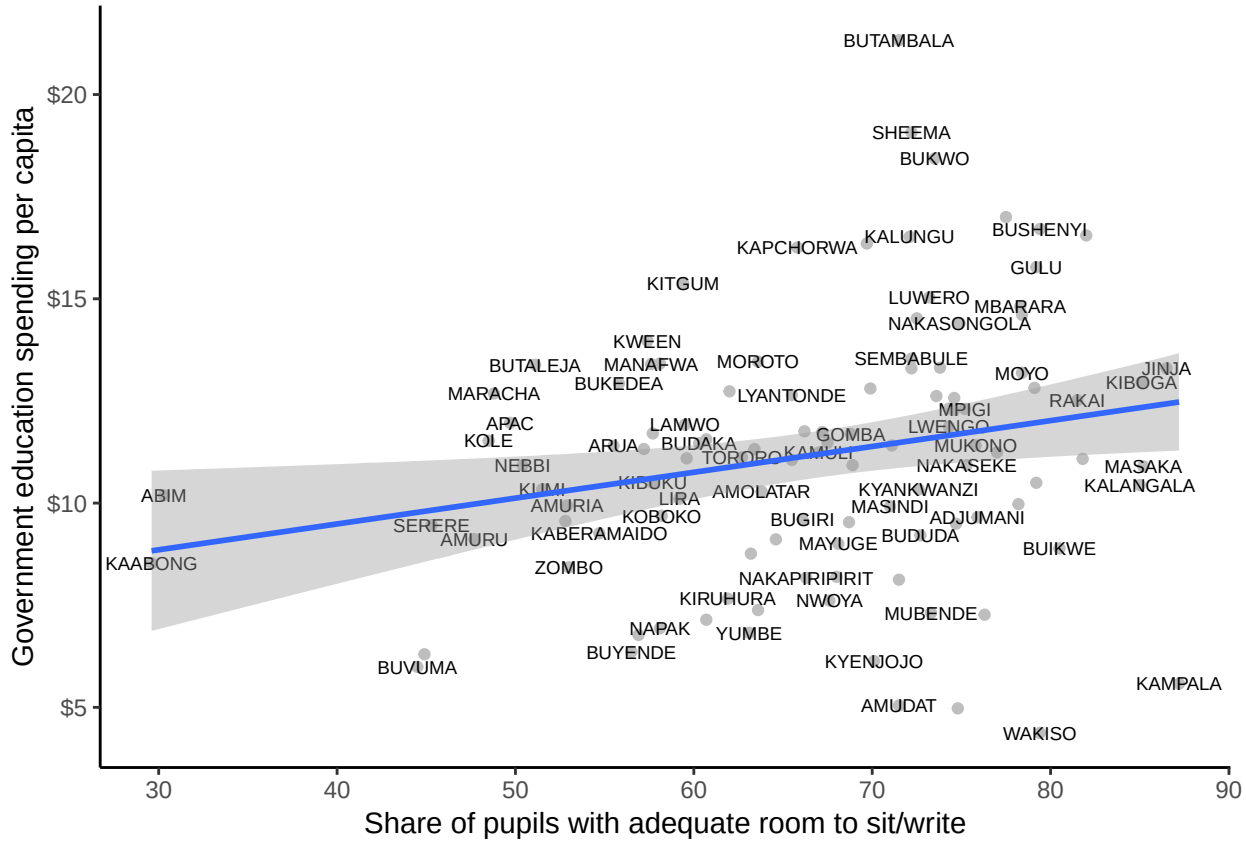


Table 10:

	Dependent variable:		
	Education spending per capita	Education spending per capita	Outliers dropped
	OLS	*probit*	*OLS*
	(1)	(2)	(3)
Primary pupils per classroom	−0.799	−0.018	
	(0.696)	(0.042)	
Primary pupils per classroom			−1.074*
			(0.613)
Constant	73.761***	−0.465	74.274***
	(8.073)	(0.481)	(6.909)
Observations	112	112	106
R^2	0.012		0.029
Adjusted R^2	0.003		0.019
Log Likelihood		−40.549	
Akaike Inf. Crit.		85.097	
Residual Std. Error	22.813 (df = 110)		17.695 (df = 104)
F Statistic	1.318 (df = 1; 110)		3.075* (df = 1; 104)
Note:			*p<0.1; **p<0.05; ***p<0.01

Share of pupils with adequate room to sit/write & Government education spending per capita



Share of pupils with adequate room to sit/write & Government education spending per capita

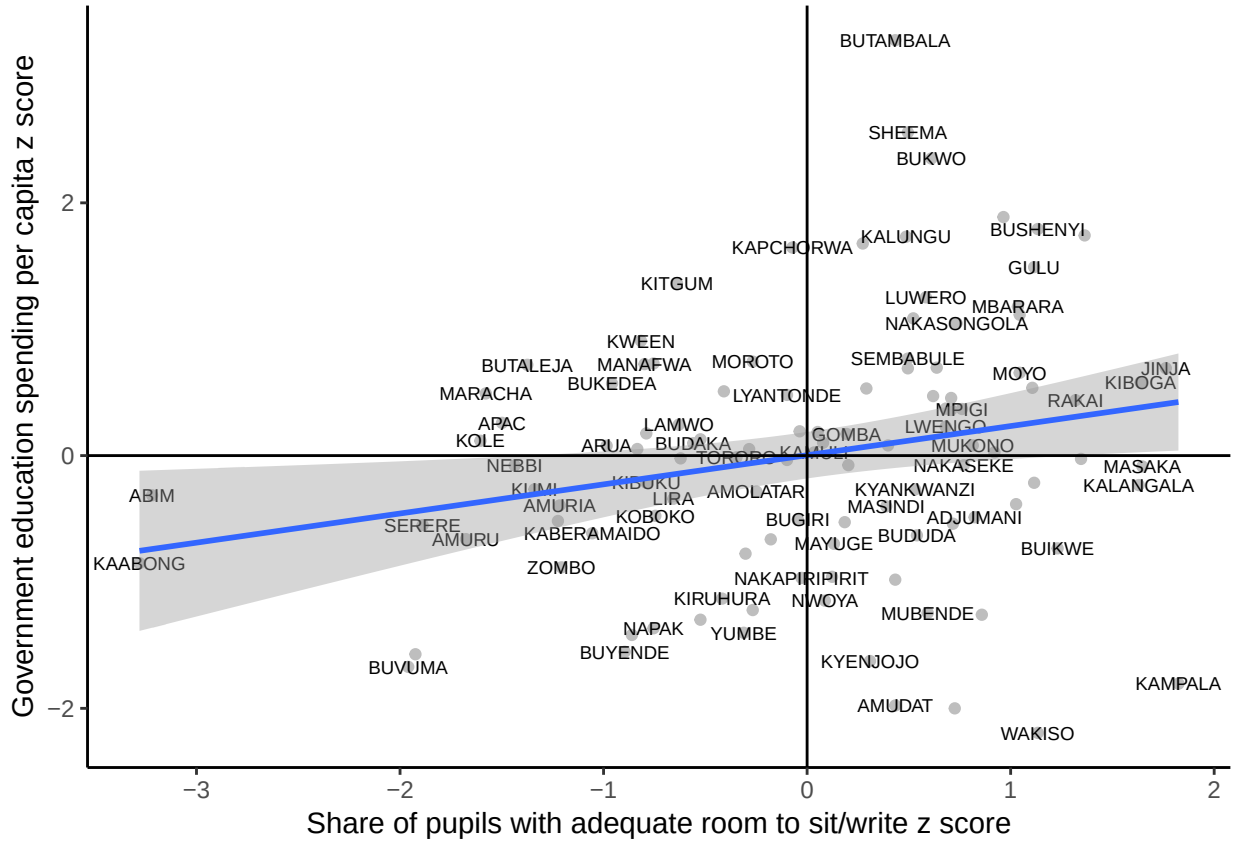
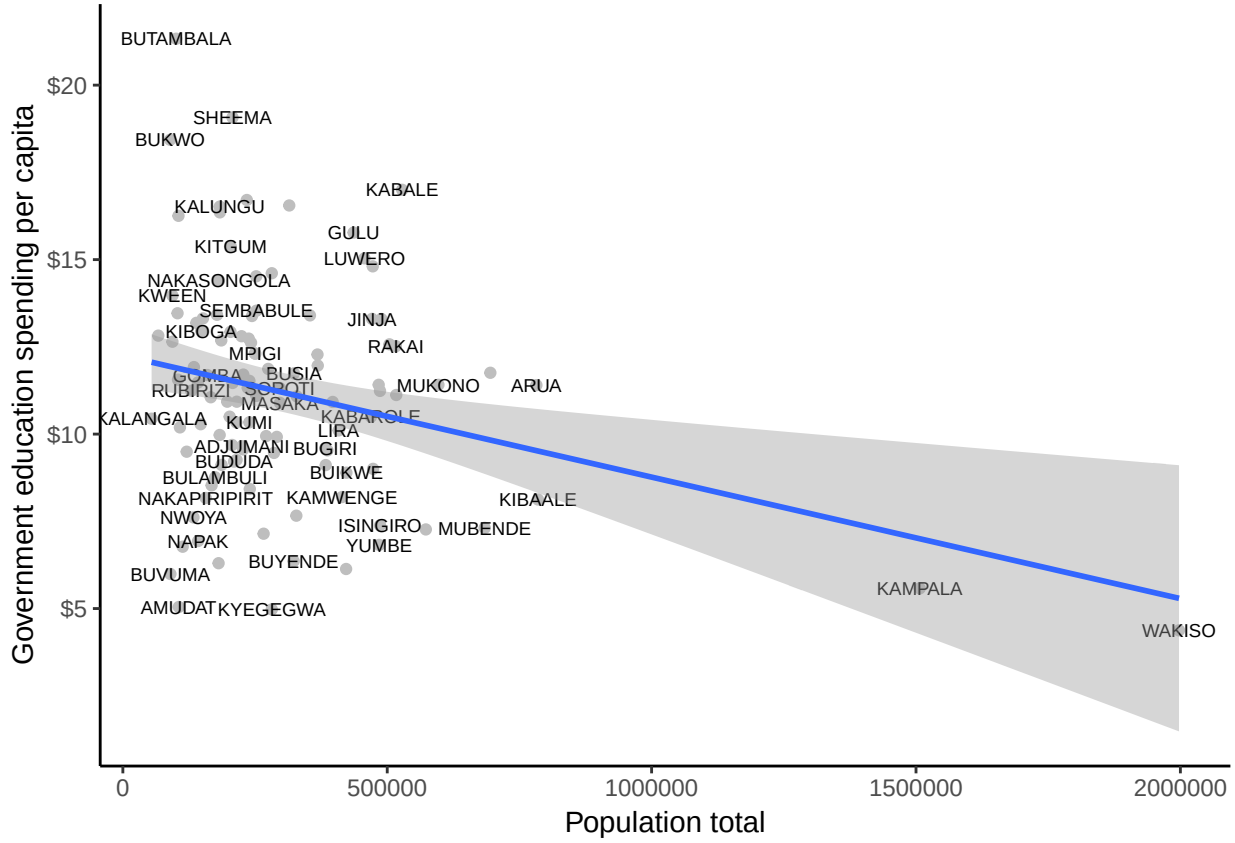


Table 11:

	Dependent variable:		
	Education spending per capita	Education spending per capita	Outliers dropped
	OLS	*probit*	*OLS*
	(1)	(2)	(3)
Share of pupils with adequate room to sit/write	0.833**	0.040	
	(0.337)	(0.040)	
Share of pupils with adequate room to sit/write			0.879**
			(0.384)
Constant	57.309***	−0.075	56.842***
	(3.904)	(0.457)	(4.332)
Observations	112	112	109
R^2	0.053		0.047
Adjusted R^2	0.044		0.038
Log Likelihood		−64.649	
Akaike Inf. Crit.		133.297	
Residual Std. Error	11.033 (df = 110)		11.180 (df = 107)
F Statistic	6.115** (df = 1; 110)		5.244** (df = 1; 107)
Note:			*p<0.1; **p<0.05; ***p<0.01

Population total & Government education spending per capita



Population total & Government education spending per capita

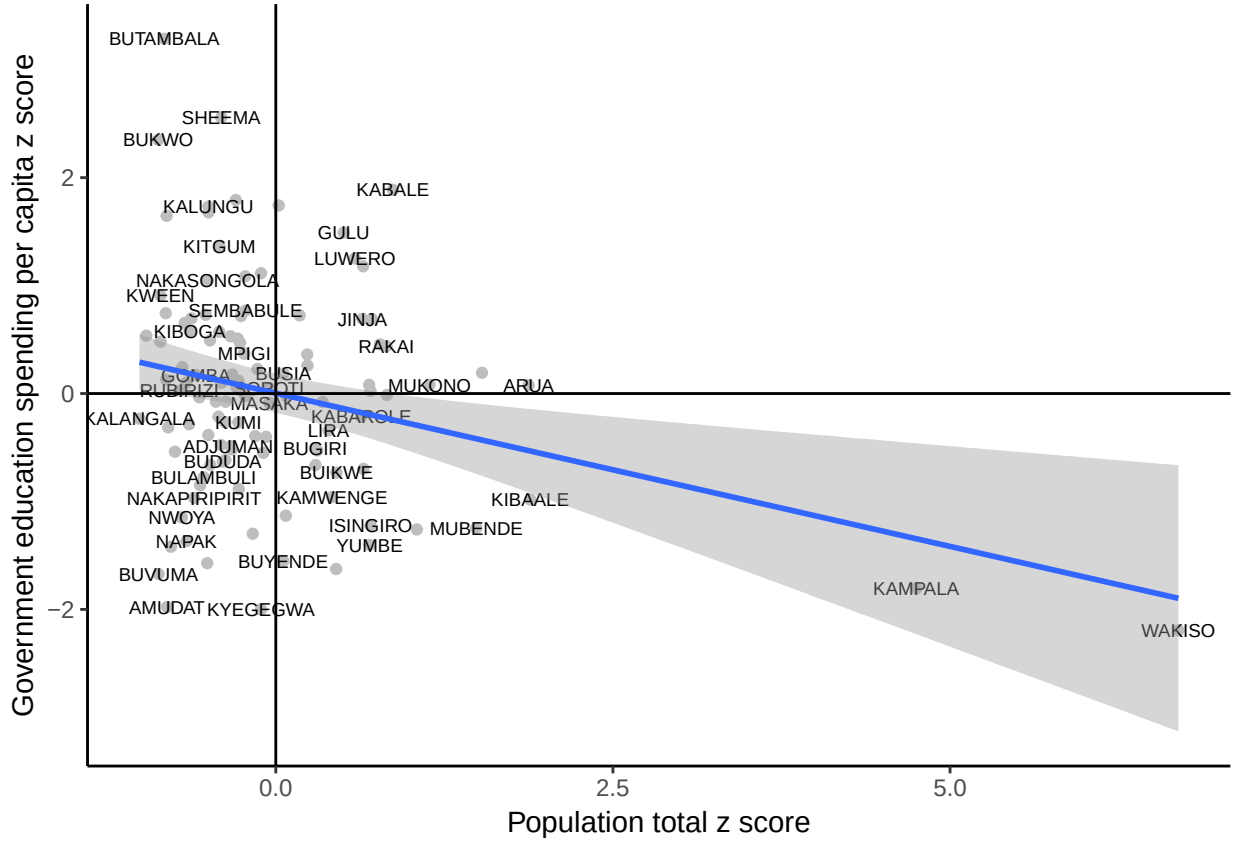
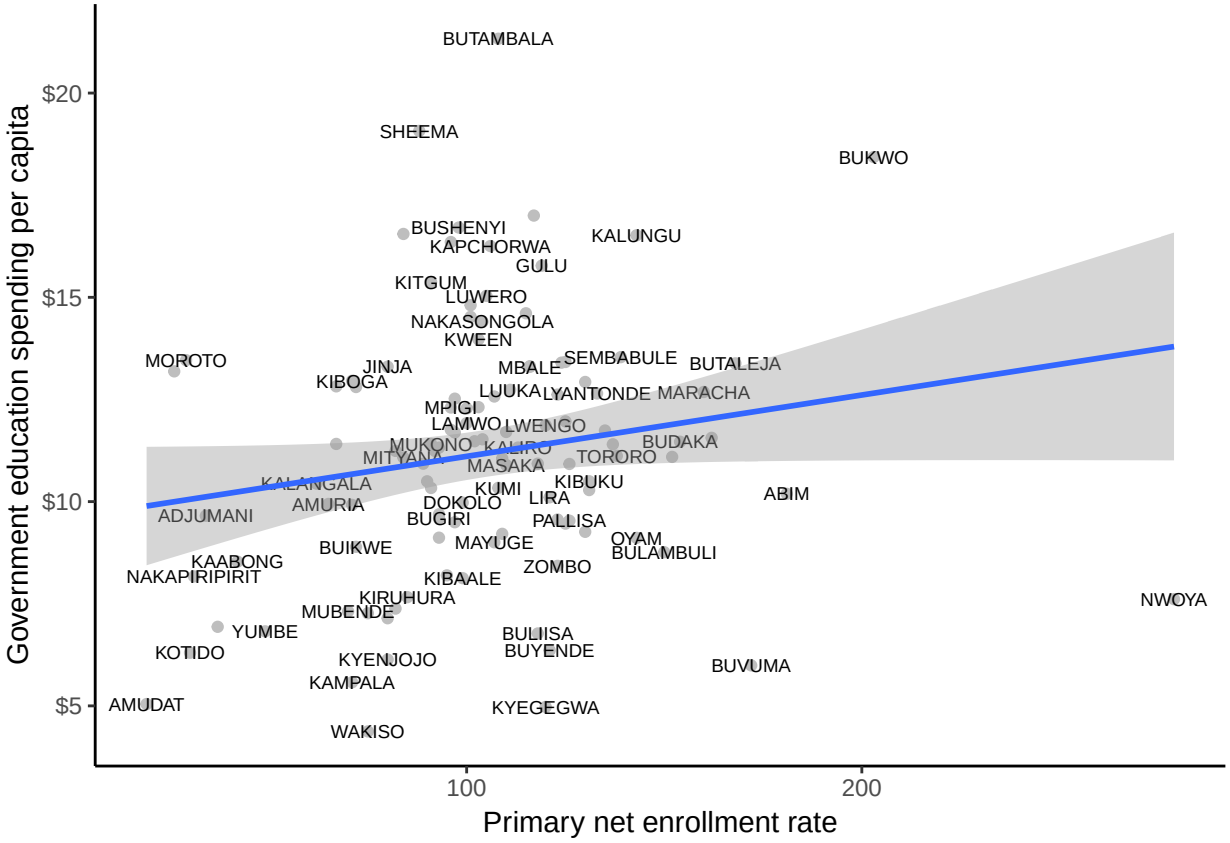


Table 12:

	Dependent variable:		
	Education spending per capita	Education spending per capita	Outliers dropped
	OLS	*probit*	*OLS*
	(1)	(2)	(3)
Population total	−22,908.160***	−0.056	
	(7,418.756)	(0.051)	
Population total			−2,806.636
			(5,666.398)
Constant	565,165.400***	−0.511	318,236.900***
	(86,004.150)	(0.564)	(64,451.510)
Observations	112	112	107
R^2	0.080		0.002
Adjusted R^2	0.071		−0.007
Log Likelihood		−18.447	
Akaike Inf. Crit.		40.894	
Residual Std. Error	243,033.100 (df = 110)		157,825.300 (df = 105)
F Statistic	9.535*** (df = 1; 110)		0.245 (df = 1; 105)
Note:			*p<0.1; **p<0.05; ***p<0.01

Primary net enrollment rate & Government education spending per capita



Primary net enrollment rate & Government education spending per capita

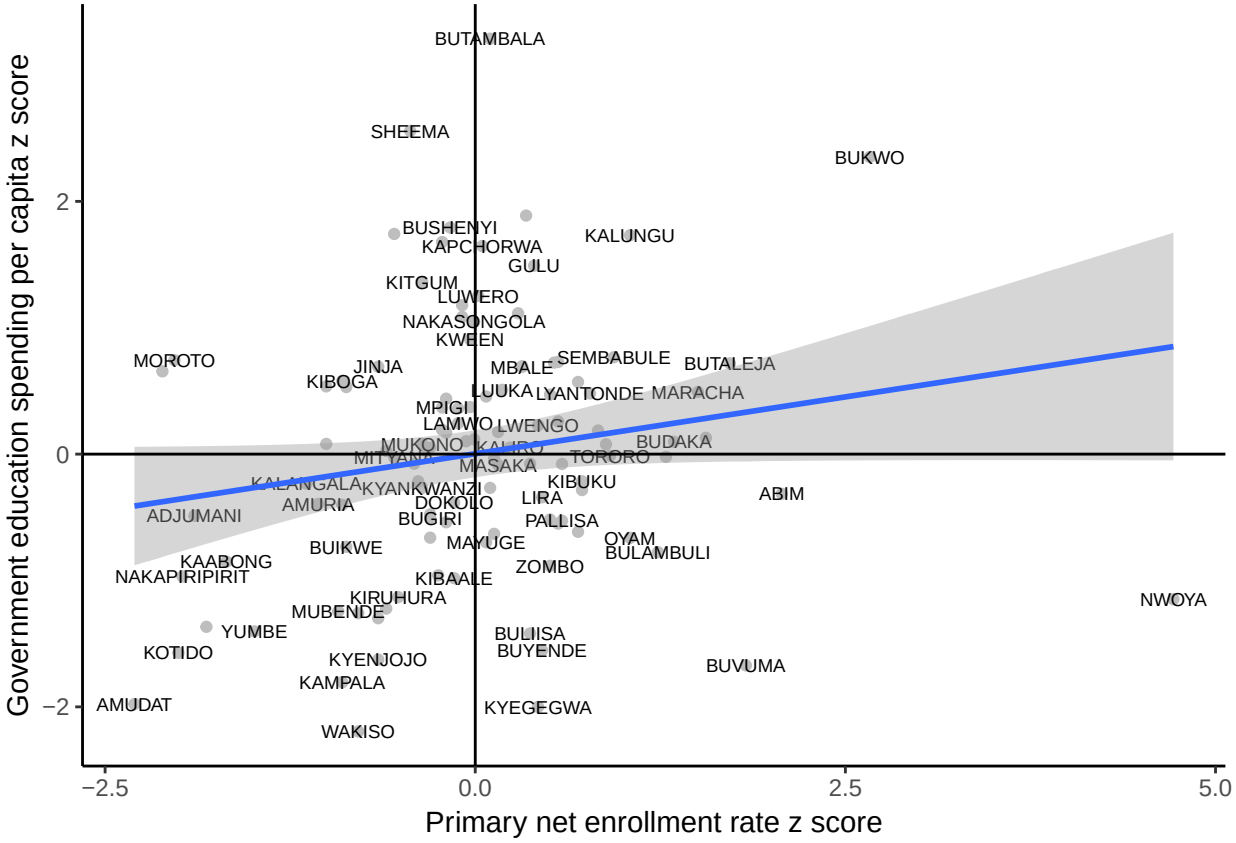
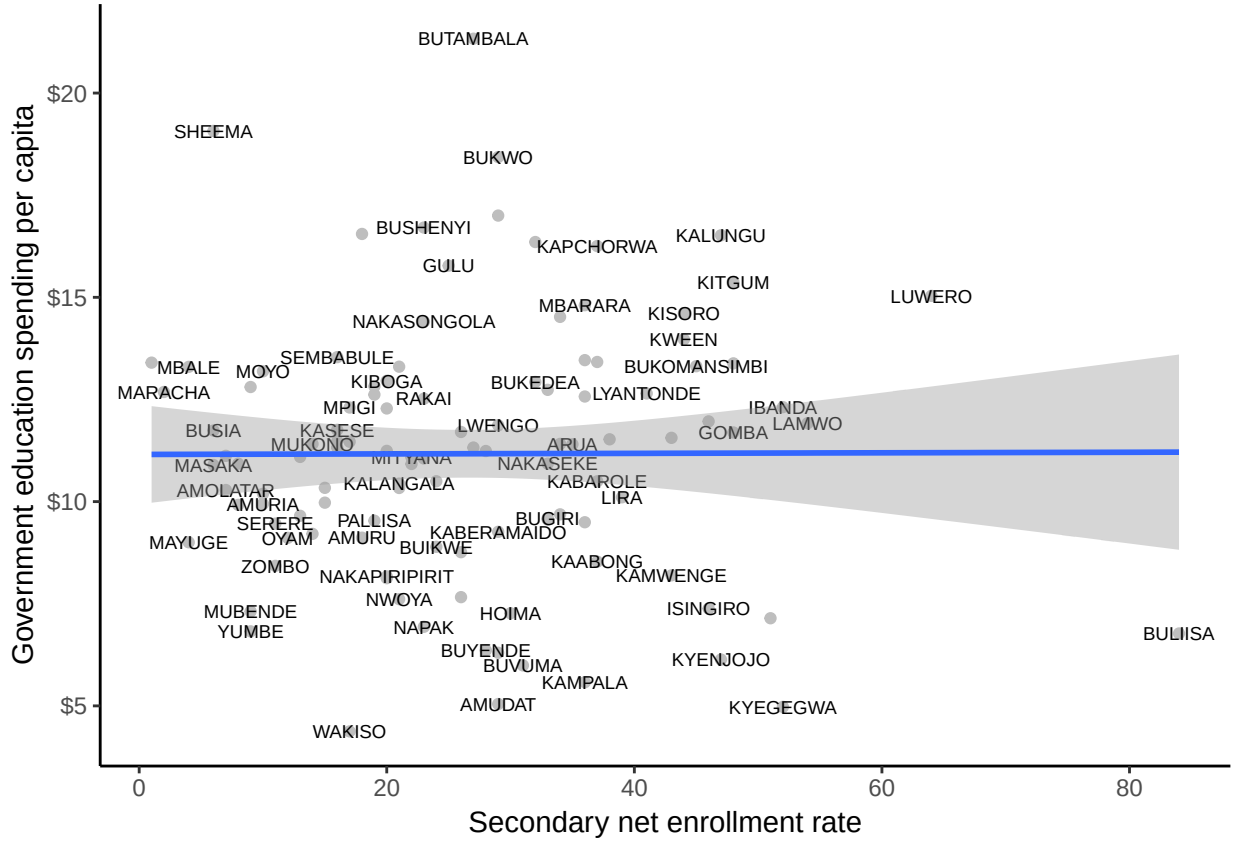


Table 13:

	Dependent variable:		
	Education spending per capita	Education spending per capita	Outliers dropped
	OLS	*probit*	*OLS*
	(1)	(2)	(3)
Primary net enrollment rate	2.132*	0.023	
	(1.118)	(0.040)	
Primary net enrollment rate			2.739**
			(1.059)
Constant	80.462***	−0.701	71.050***
	(12.959)	(0.462)	(11.998)
Observations	112	112	107
R^2	0.032		0.060
Adjusted R^2	0.023		0.051
Log Likelihood		−51.815	
Akaike Inf. Crit.		107.629	
Residual Std. Error	36.619 (df = 110)		30.643 (df = 105)
F Statistic	3.637* (df = 1; 110)		6.690** (df = 1; 105)
Note:			*p<0.1; **p<0.05; ***p<0.01

Secondary net enrollment rate & Government education spending per capita



Secondary net enrollment rate & Government education spending per capita

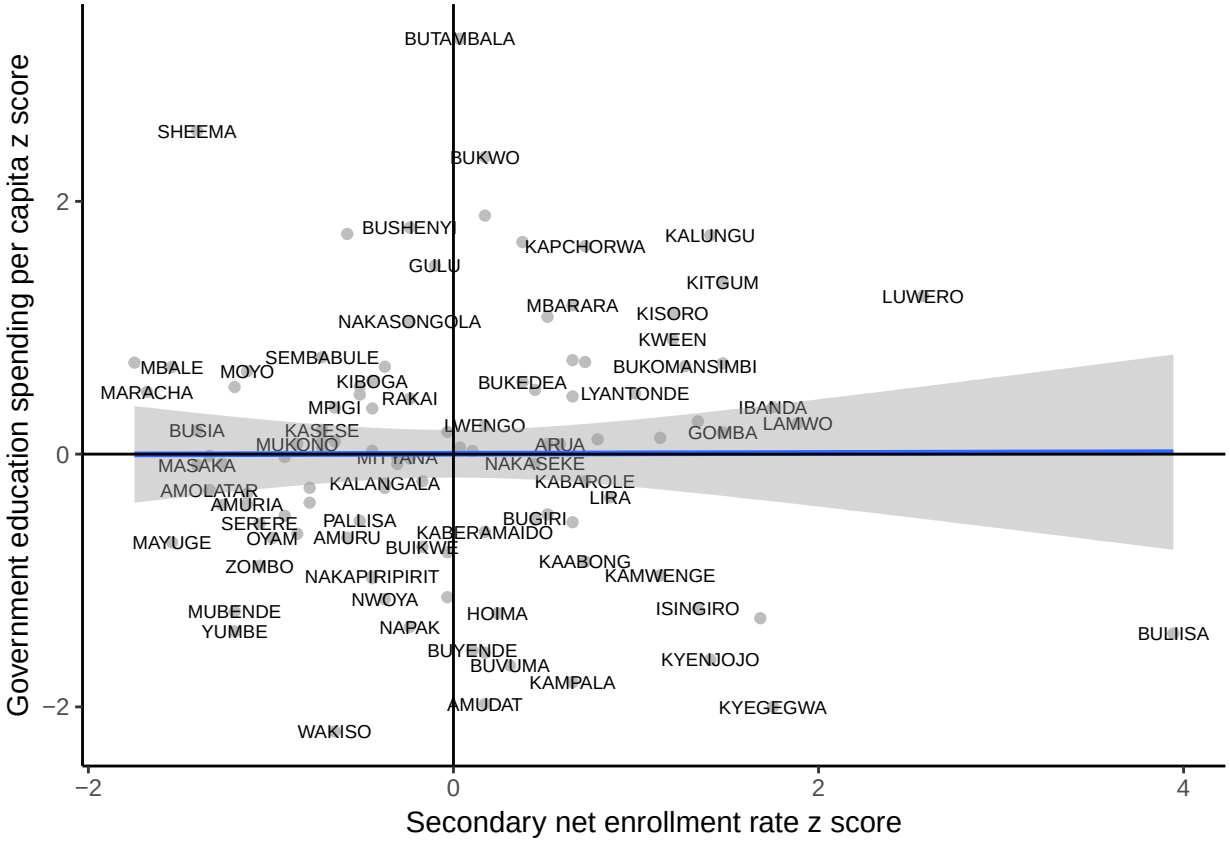
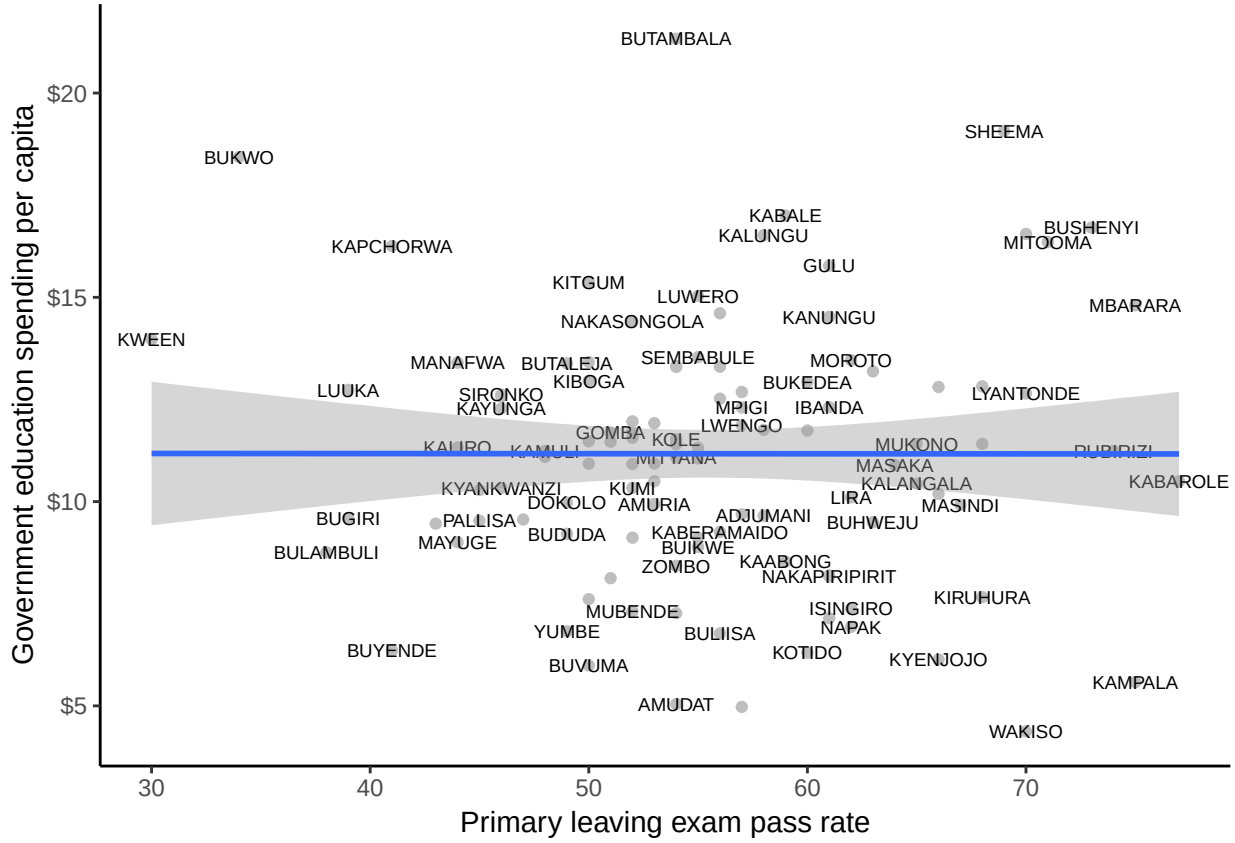


Table 14:

	Dependent variable:		
	Education spending per capita	Education spending per capita	Outliers dropped
	OLS	*probit*	*OLS*
	(1)	(2)	(3)
Secondary net enrollment rate	0.015	0.0005	
	(0.447)	(0.040)	
Secondary net enrollment rate			0.300
			(0.463)
Constant	26.317***	−0.510	22.478***
	(5.184)	(0.465)	(5.223)
Observations	112	112	107
R^2	0.00001		0.004
Adjusted R^2	−0.009		−0.006
Log Likelihood		−55.729	
Akaike Inf. Crit.		115.457	
Residual Std. Error	14.649 (df = 110)		13.213 (df = 105)
F Statistic	0.001 (df = 1; 110)		0.419 (df = 1; 105)
Note:			*p<0.1; **p<0.05; ***p<0.01

Primary leaving exam pass rate & Government education spending per capita



Primary leaving exam pass rate & Government education spending per capita

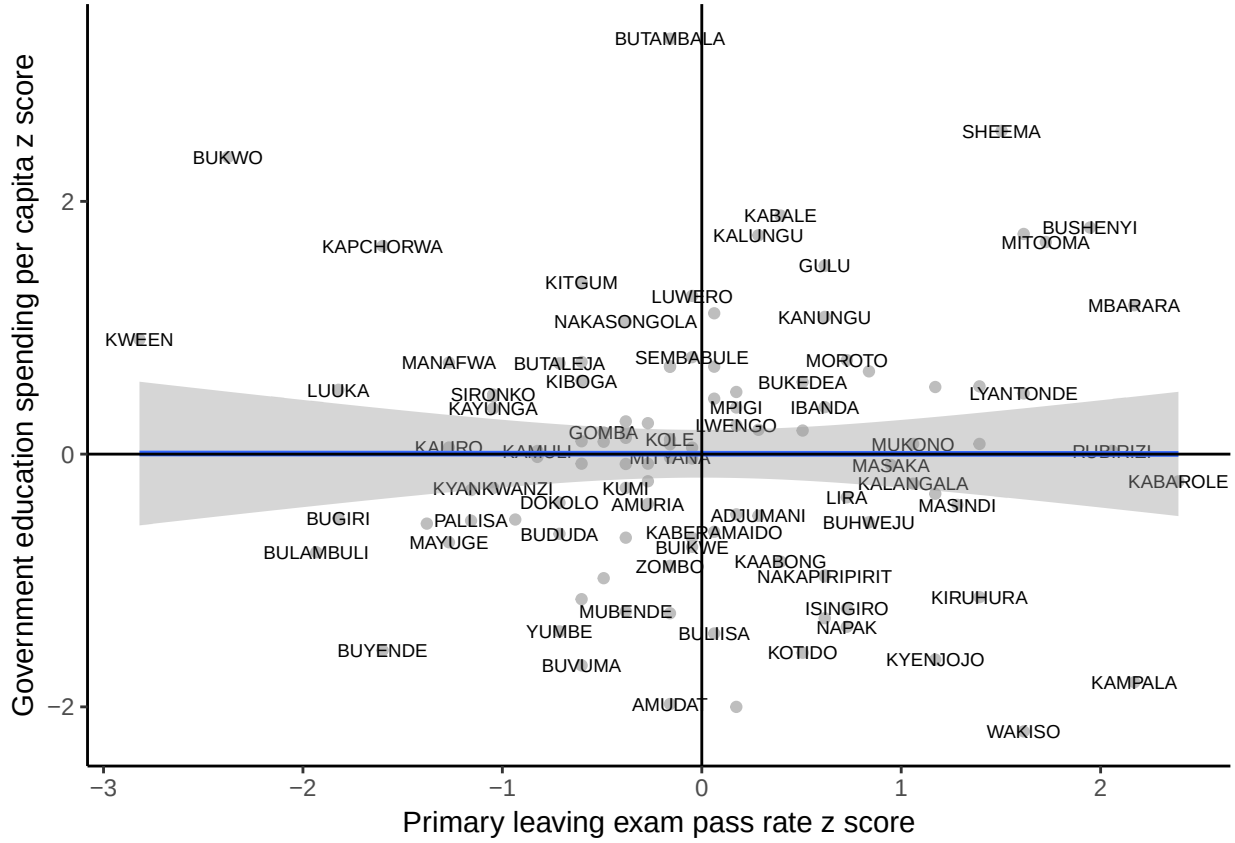
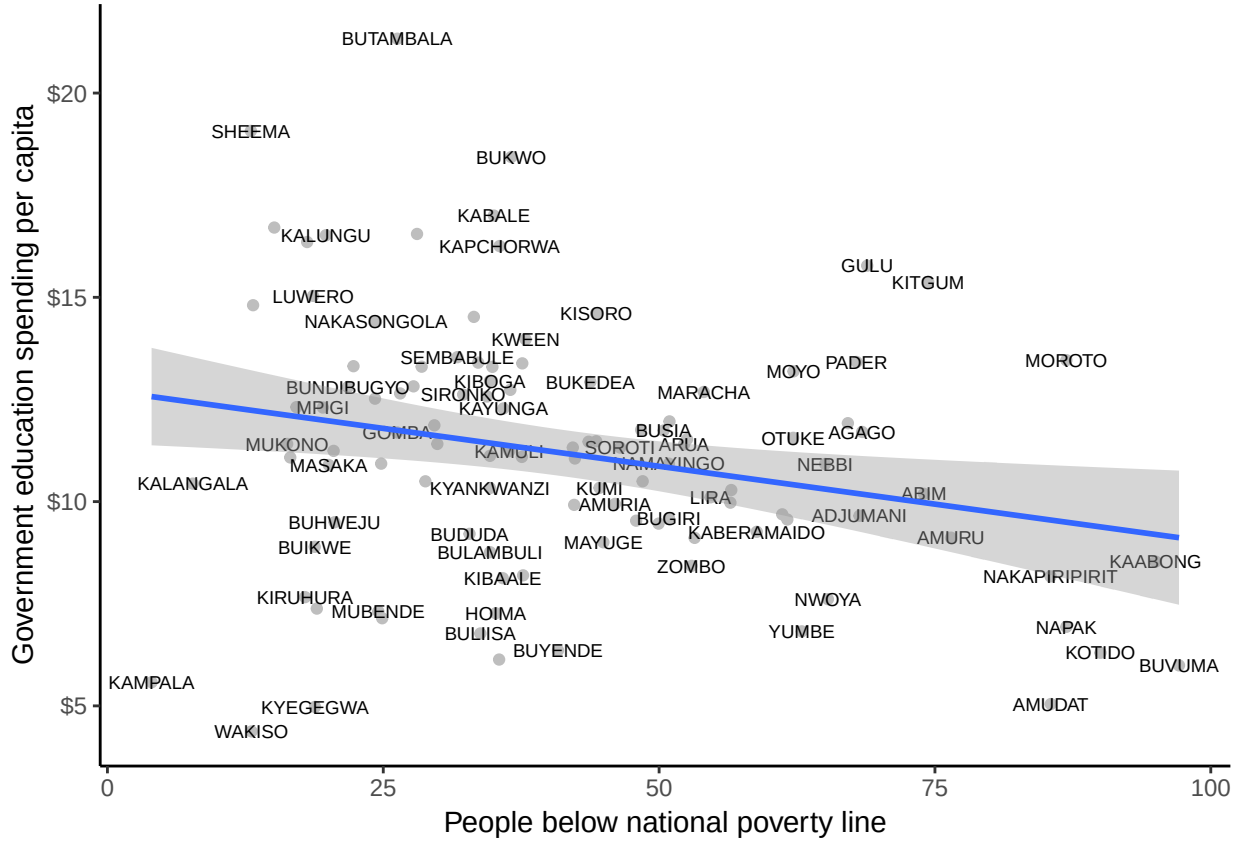


Table 15:

	Dependent variable:		
	Education spending per capita	Education spending per capita	Outliers dropped
	OLS	*probit*	*OLS*
	(1)	(2)	(3)
Primary leaving exam pass rate	−0.002	−0.0001	
	(0.277)	(0.038)	
Primary leaving exam pass rate			0.121
			(0.285)
Constant	55.460***	0.105	53.446***
	(3.207)	(0.444)	(3.225)
Observations	112	112	105
R^2	0.00000		0.002
Adjusted R^2	−0.009		−0.008
Log Likelihood		−76.528	
Akaike Inf. Crit.		157.056	
Residual Std. Error	9.062 (df = 110)		8.098 (df = 103)
F Statistic	0.0001 (df = 1; 110)		0.180 (df = 1; 103)
Note:			*p<0.1; **p<0.05; ***p<0.01

People below national poverty line & Government education spending per capita



People below national poverty line & Government education spending per capita

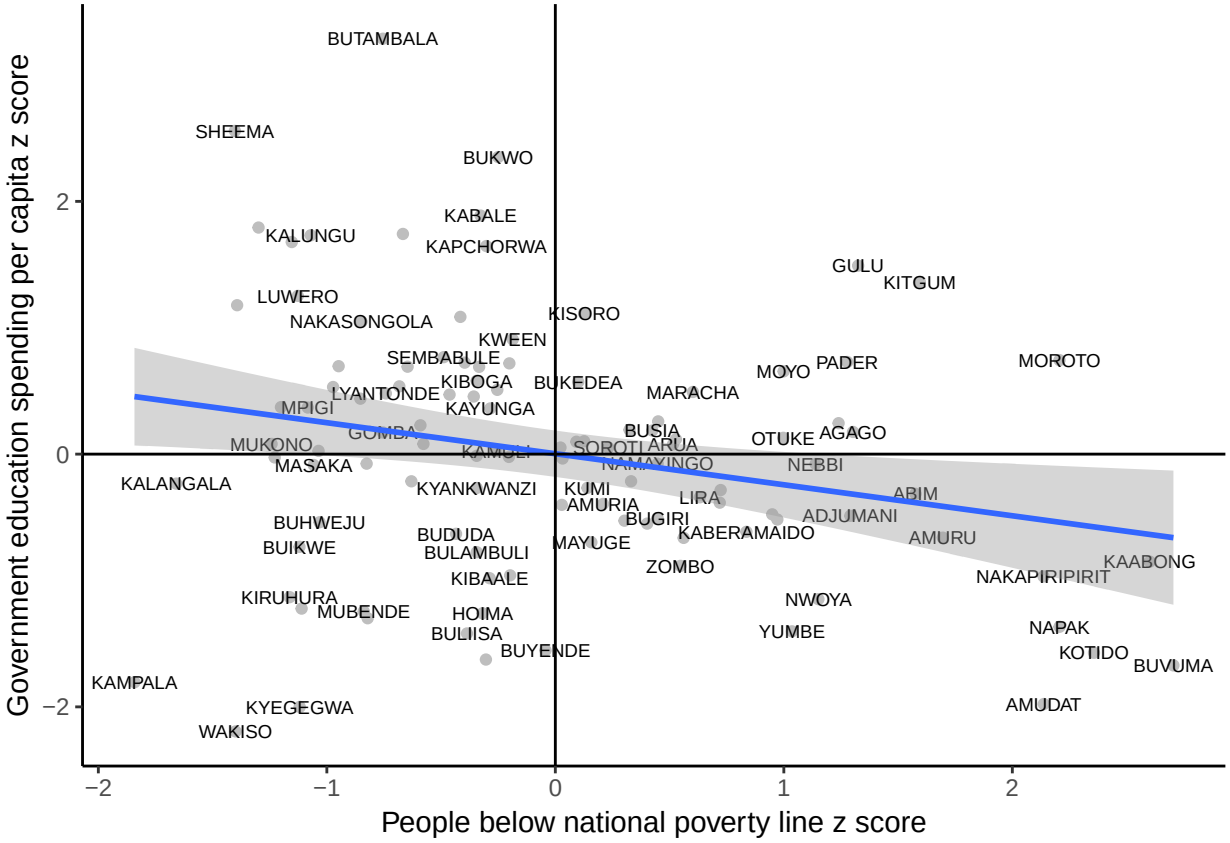
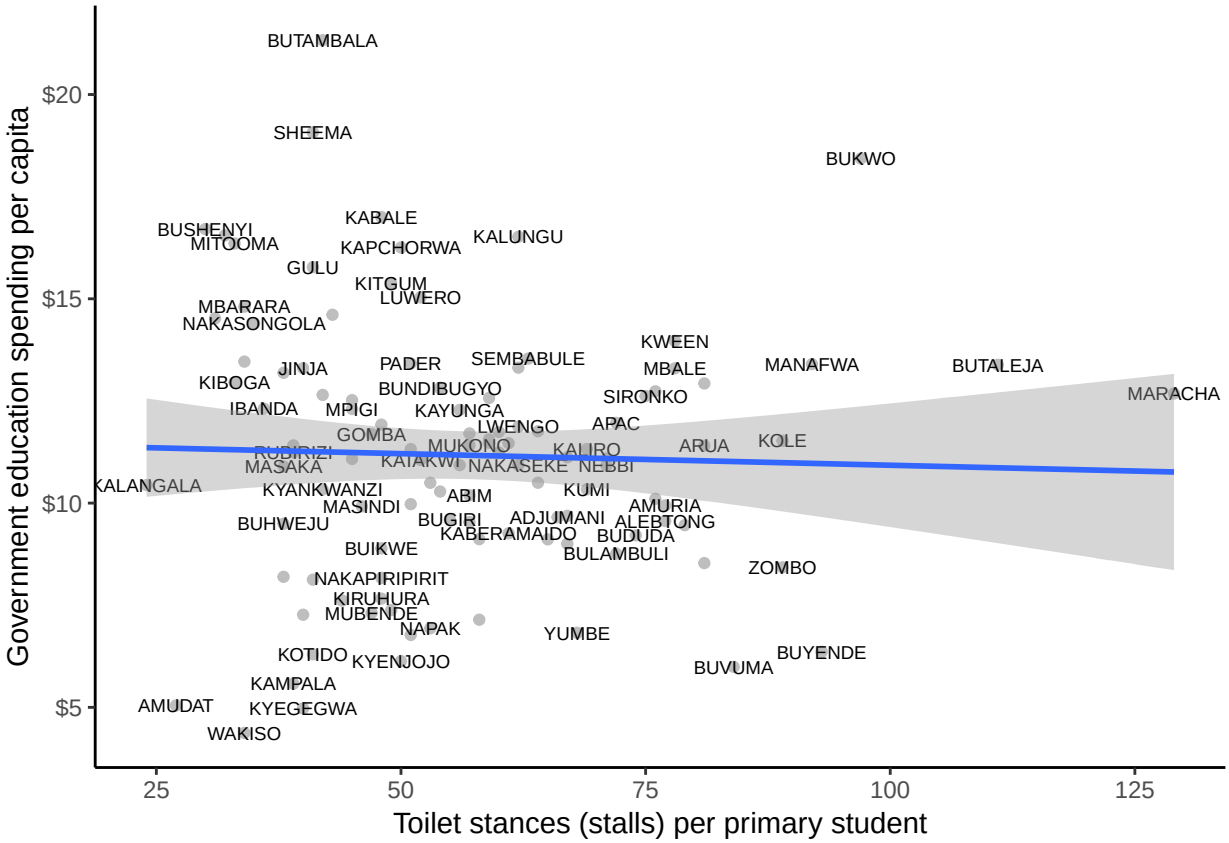


Table 16:

	Dependent variable:		
	Education spending per capita	Education spending per capita	Outliers dropped
	OLS	*probit*	*OLS*
	(1)	(2)	(3)
People below national poverty line	-1.609^{***}	-0.046	
	(0.609)	(0.039)	
People below national poverty line			-0.219
			(0.626)
Constant	59.694^{***}	0.266	41.364^{***}
	(7.060)	(0.452)	(7.177)
Observations	112	112	102
R^2	0.060		0.001
Adjusted R^2	0.051		-0.009
Log Likelihood		-69.383	
Akaike Inf. Crit.		142.765	
Residual Std. Error	19.949 (df = 110)		16.875 (df = 100)
F Statistic	6.979^{***} (df = 1; 110)		0.122 (df = 1; 100)
Note:			*p<0.1; **p<0.05; ***p<0.01

Toilet stances (stalls) per primary student & Government education spending per capita



Toilet stances (stalls) per primary student & Government education spending per capita

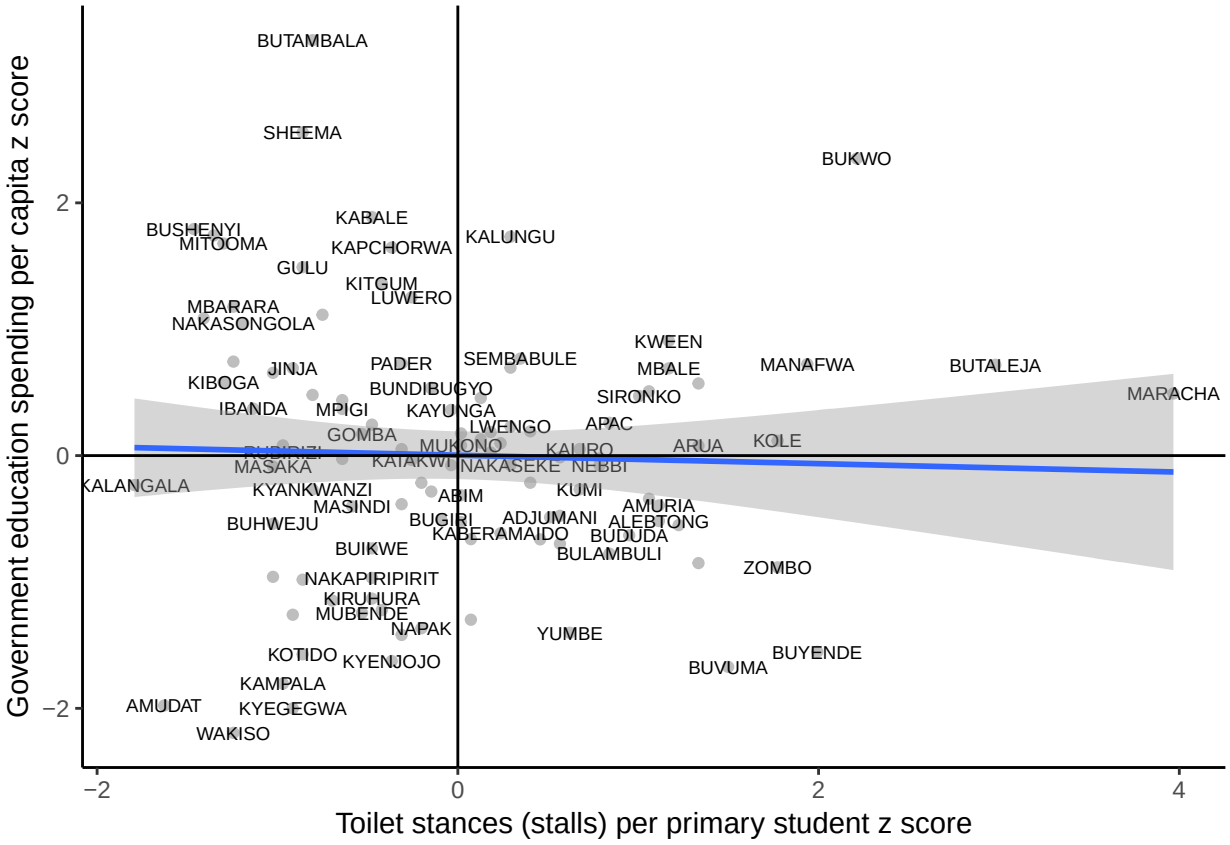
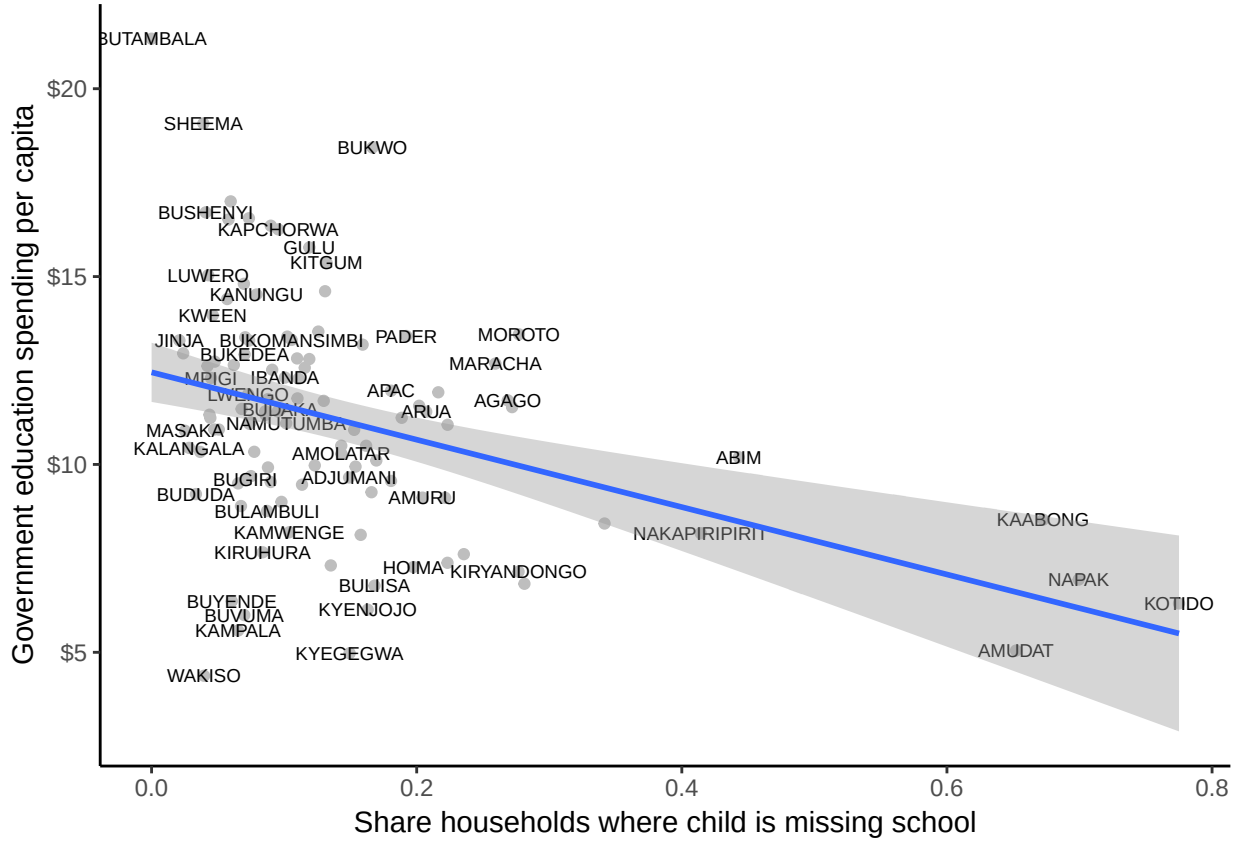


Table 17:

	Dependent variable:		
	Education spending per capita	Education spending per capita	Outliers dropped
	OLS	*probit*	*OLS*
	(1)	(2)	(3)
Toilet stances (stalls) per primary student	−0.195	−0.005	
	(0.559)	(0.040)	
Toilet stances (stalls) per primary student			−0.590
			(0.545)
Constant	58.856***	−0.432	61.835***
	(6.476)	(0.463)	(6.129)
Observations	112	112	107
R^2	0.001		0.011
Adjusted R^2	−0.008		0.002
Log Likelihood		−54.480	
Akaike Inf. Crit.		112.959	
Residual Std. Error	18.301 (df = 110)		15.780 (df = 105)
F Statistic	0.122 (df = 1; 110)		1.174 (df = 1; 105)
Note:			*p<0.1; **p<0.05; ***p<0.01

Share households where child is missing school & Government education spending per capita



Share households where child is missing school & Government education spending per capita

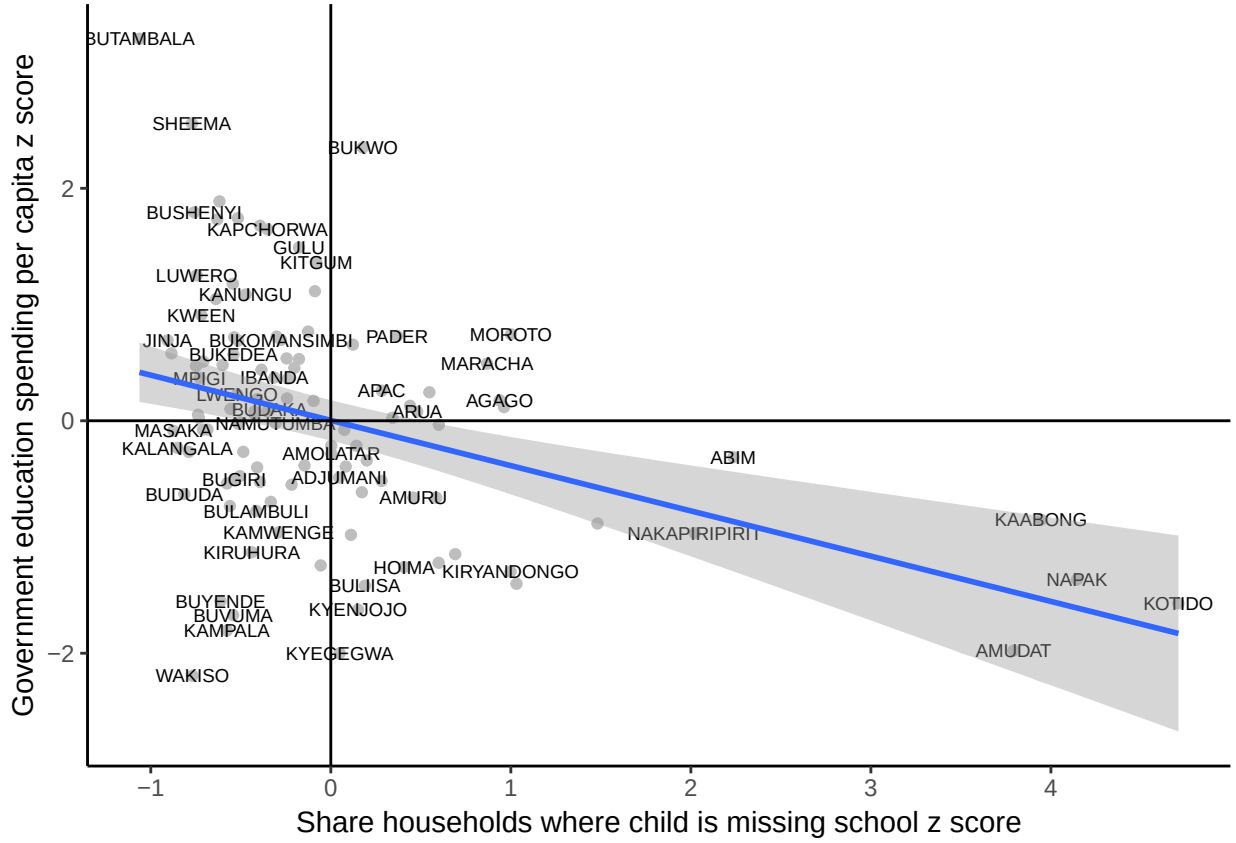
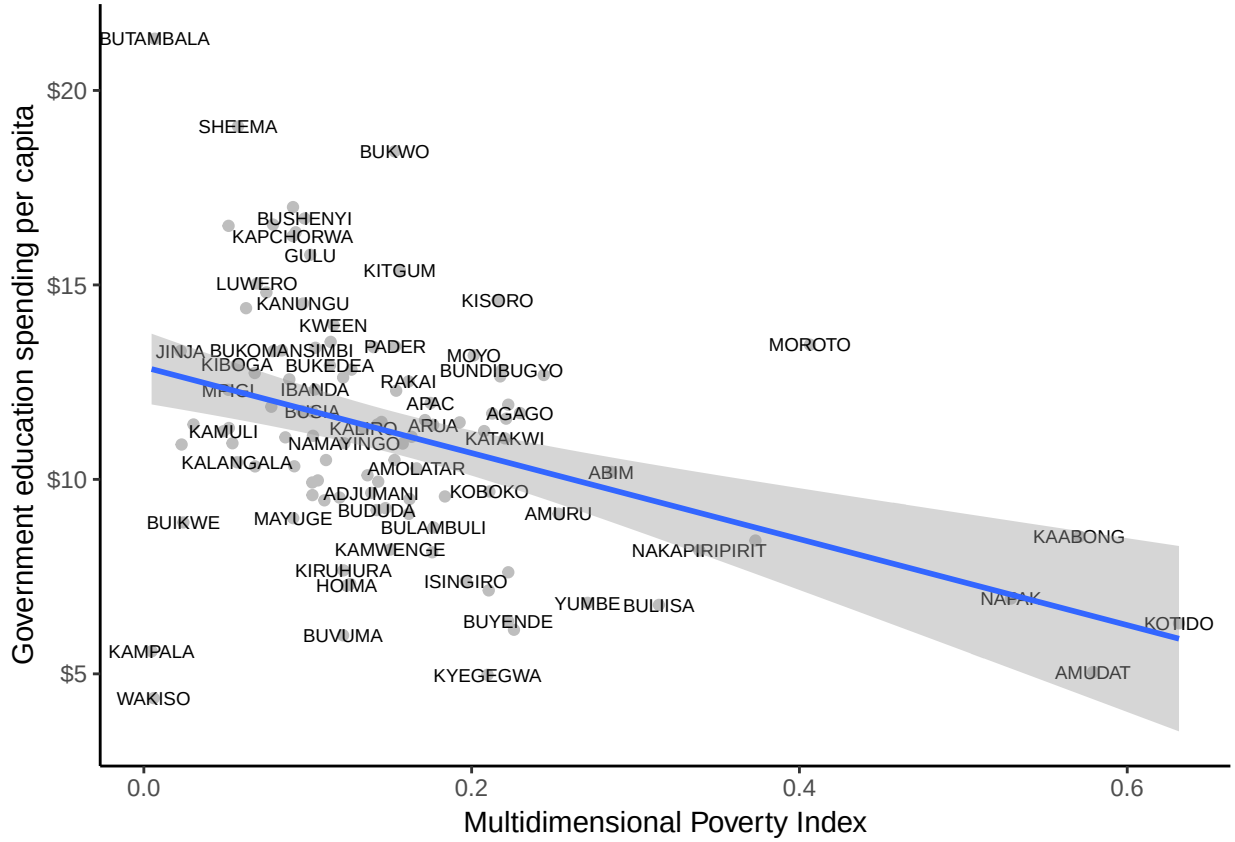


Table 18:

	Dependent variable:		
	Education spending per capita	Education spending per capita	Outliers dropped
	OLS	*probit*	*OLS*
	(1)	(2)	(3)
Share households where child is missing school	-0.017^{***}	-0.086^{*}	
	(0.004)	(0.048)	
Share households where child is missing school			-0.006^{**}
			(0.002)
Constant	0.330^{***}	0.032	0.189^{***}
	(0.044)	(0.528)	(0.028)
Observations	112	112	103
R^2	0.150		0.064
Adjusted R^2	0.142		0.054
Log Likelihood		−29.219	
Akaike Inf. Crit.		62.439	
Residual Std. Error	0.124 (df = 110)		0.068 (df = 101)
F Statistic	19.416^{***} (df = 1; 110)		6.874^{**} (df = 1; 101)
Note:			*p<0.1; **p<0.05; ***p<0.01

Multidimensional Poverty Index & Government education spending per capita



Multidimensional Poverty Index & Government education spending per capita

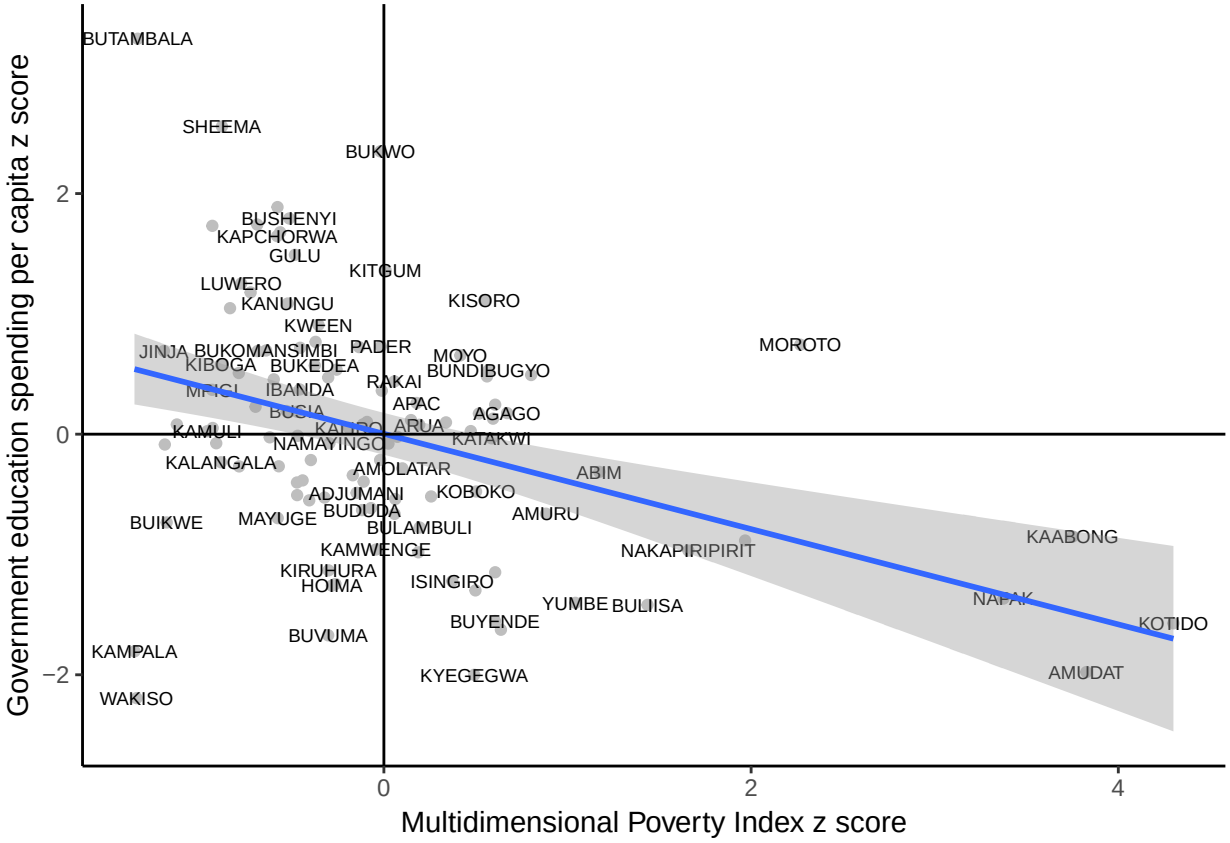
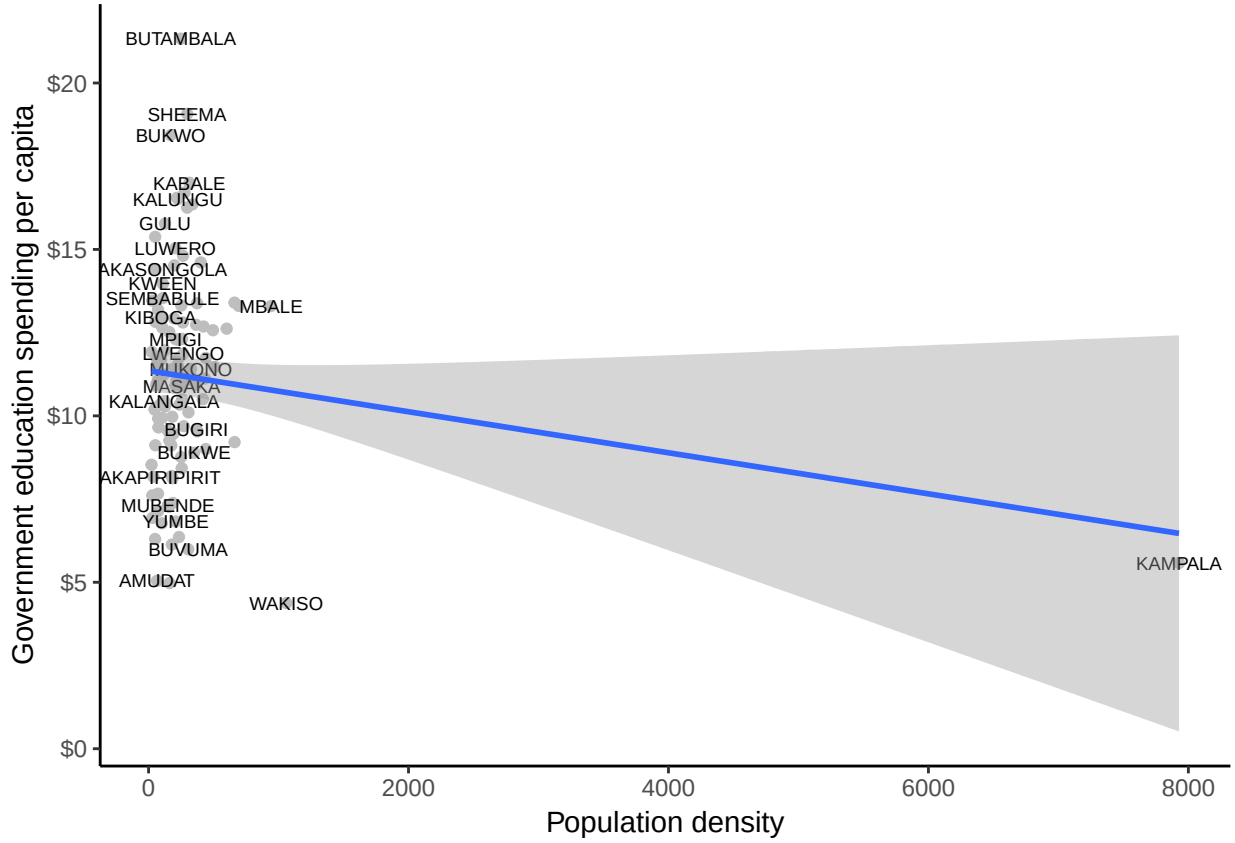


Table 19:

	Dependent variable:		
	Education spending per capita	Education spending per capita	Outliers dropped
	OLS	*probit*	*OLS*
	(1)	(2)	(3)
Multidimensional Poverty Index	-0.014^{***}	-0.076^{*}	
	(0.003)	(0.044)	
Multidimensional Poverty Index			-0.008^{***}
			(0.002)
Constant	0.312^{***}	0.121	0.225^{***}
	(0.036)	(0.496)	(0.028)
Observations	112	112	104
R^2	0.155		0.088
Adjusted R^2	0.148		0.079
Log Likelihood		-36.850	
Akaike Inf. Crit.		77.699	
Residual Std. Error	0.102 (df = 110)		0.068 (df = 102)
F Statistic	20.215^{***} (df = 1; 110)		9.808^{***} (df = 1; 102)
Note:			*p<0.1; **p<0.05; ***p<0.01

Population density & Government education spending per capita



Population density & Government education spending per capita

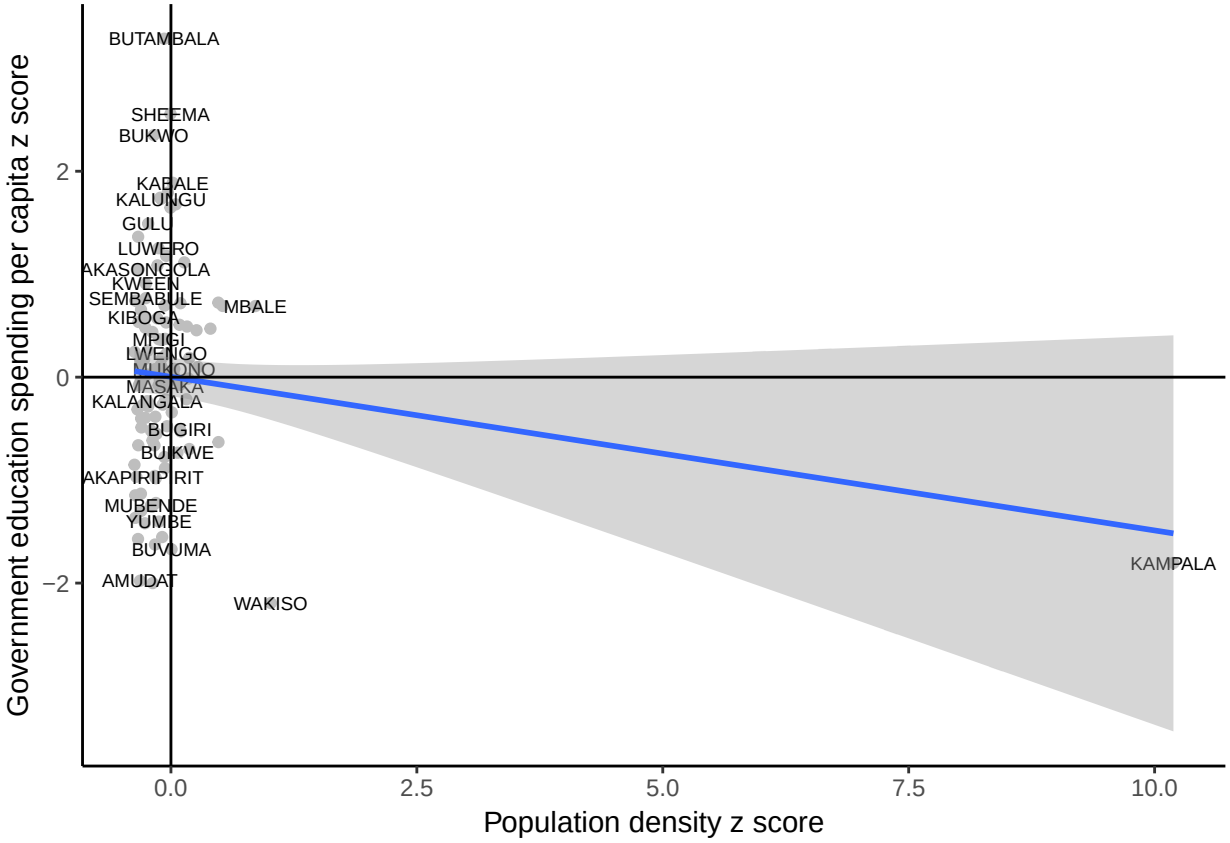


Table 20:

	Dependent variable:		
	Education spending per capita	Education spending per capita	Outliers dropped
	OLS	*probit*	*OLS*
	(1)	(2)	(3)
Population density	−35.719	−0.057	
	(22.696)	(0.078)	
Population density			5.440
			(6.291)
Constant	699.416***	−1.200	171.671**
	(263.112)	(0.837)	(71.279)
Observations	112	112	108
R^2	0.022		0.007
Adjusted R^2	0.013		−0.002
Log Likelihood		−6.684	
Akaike Inf. Crit.		17.368	
Residual Std. Error	743.509 (df = 110)		180.154 (df = 106)
F Statistic	2.477 (df = 1; 110)		0.748 (df = 1; 106)
Note:			*p<0.1; **p<0.05; ***p<0.01