

Statistical Addendum to:
A Poor Means Test?
Econometric Targeting in Africa

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Table A1: Descriptive Statistics for Variables Included in Basic and Extended PMT

	Burkina Faso	Ethiopia	Ghana	Malawi	Mali	Niger	Nigeria	Tanzania	Uganda	Total
Total consumption, per capita									623659	
<i>Housing</i>										
Water: piped									0.201	
Water: well									0.336	
Toilet: flush									0.025	
Toilet: pit									0.898	
Floor: natural									0.669	
Floor: rudimentary									0.317	
Floor: finished									0.010	
Wall: natural									0.345	
Wall: rudimentary									0.265	
Wall: finished									0.384	
Roof: natural									0.301	
Roof: rudimentary									0.688	
Roof: finished									0.002	
Members per room									2.805	
Kitchen room									0.655	
Fuel: electric or gas									0.019	
Fuel: charcoal or coal									0.208	
Fuel: wood									0.016	
Electricity									0.135	
<i>Household assets</i>										
Radio									0.630	
Television									0.116	
Fridge										
Bicycle									0.360	
Motorbike									0.062	
Car									0.022	
Telephone									0.630	
Mobile phone									0.633	
Computer									0.020	
Video										
Stove, any									0.545	
Sewing machine										
Air conditioner										
Iron									0.107	
Satellite										
Generator									0.005	
Own house									0.768	
Urban									0.182	
<i>Household characteristics</i>										
Age of head									43.192	
Female head									0.333	

Head has at least primary education	0.446
Head has at least secondary education	0.195
Max education in h'hold is at least primary	0.582
Max education in h'hold is at least secondary	0.289
Head is ever married	0.946
Head is married	0.701
Head is divorced or separated	0.108
Head is widow	0.137
Head is never married	0.054
Household size	6.244
Head works for wage or salary	0.264
Head is self employed in own enterprise	0.227
Head is self employed in own farm	0.581
Head works daily	0.415
Muslim	
Christian	
<i>Household composition (shares)</i>	
0 to 5 female	0.087
0 to 5 male	0.084
6 to 14 female	0.107
6 to 14 male	0.110
15 to 64 female	0.248
15 to 64 male	0.230
65 plus female	0.030
65 plus male	0.019
Widows	0.040
Disabled male	0.005
Disabled female	0.005
Orphan male	0.003
Orphan female	0.003

Note: Data comes from the LSMS surveys. Means are adjusted by their household weights. Missing variables are left blank. Consumption is adjusted spatially and is in per capita terms.

Table A2: Basic PMT Regression Results

	Burkina Faso	Ethiopia	Ghana	Malawi	Mali	Niger	Nigeria	Tanzania	Uganda
Toilet: flush	0.296*** (0.039)	0.209*** (0.052)	-0.303*** (0.062)	0.661*** (0.063)	0.288*** (0.054)	0.530*** (0.050)	0.407*** (0.035)	0.244*** (0.026)	0.505*** (0.097)
Toilet: pit	0.155*** (0.012)	0.074** (0.035)	-0.278*** (0.040)	0.127*** (0.029)	0.106*** (0.041)	0.151*** (0.030)	0.121*** (0.024)	0.135*** (0.020)	0.194*** (0.055)
Floor: finished	0.353*** (0.033)	0.260*** (0.067)	0.184*** (0.044)	0.265*** (0.022)	0.241*** (0.037)	0.265*** (0.052)	0.277*** (0.059)	0.163*** (0.021)	0.649*** (0.203)
Wall: finished	-0.084*** (0.020)	-0.010 (0.047)	0.036 (0.043)	0.161*** (0.019)	0.145*** (0.039)	-0.018 (0.043)	0.043 (0.027)	0.054*** (0.021)	0.283*** (0.033)
Roof: finished	0.058 (0.062)	0.160*** (0.034)	0.048 (0.042)	-0.052 (0.175)	0.063* (0.037)	0.276*** (0.024)	0.072** (0.032)	0.070*** (0.023)	-0.013 (0.232)
Fuel: electricity gas or kerosene	0.438*** (0.023)	0.115*** (0.042)	0.347*** (0.056)	0.822*** (0.084)	0.580*** (0.136)	0.285*** (0.055)	0.120*** (0.027)	0.459*** (0.048)	0.234* (0.119)
Fuel: charcoal	0.163*** (0.023)	0.120 (0.101)	0.217*** (0.040)	0.321*** (0.034)	0.074* (0.042)	0.188*** (0.040)	0.061 (0.051)	0.230*** (0.026)	0.274*** (0.038)
Urban area	0.071*** (0.015)	0.186*** (0.044)	0.374*** (0.054)	-0.165*** (0.028)	-0.029 (0.053)	0.202*** (0.035)	0.131*** (0.027)	0.035 (0.024)	0.173*** (0.038)
Female head	-0.111*** (0.019)	0.048 (0.032)	-0.010 (0.033)	-0.022 (0.031)	0.194*** (0.058)	0.032 (0.036)	-0.119*** (0.043)	-0.051** (0.024)	-0.062** (0.031)
Head has at least primary education	0.108*** (0.015)	0.266*** (0.043)	0.121*** (0.030)	0.110*** (0.027)	0.146*** (0.036)	0.104*** (0.016)	0.105*** (0.021)	0.164*** (0.021)	0.140*** (0.028)
Head has at least secondary education	0.110*** (0.020)	0.056 (0.042)	0.142*** (0.035)	0.123*** (0.032)	0.235*** (0.043)	0.191*** (0.024)	0.111*** (0.020)	0.352*** (0.043)	0.233*** (0.034)
Divorced or separated head	0.087** (0.039)	-0.200*** (0.041)	-0.005 (0.037)	-0.043 (0.039)	-0.159 (0.113)	-0.057 (0.048)	0.047 (0.056)	-0.042 (0.029)	-0.163*** (0.045)
Widowed head	-0.045** (0.022)	-0.165*** (0.043)	-0.012 (0.043)	-0.099** (0.038)	-0.100* (0.059)	-0.120*** (0.043)	0.055 (0.045)	-0.024 (0.031)	-0.085* (0.045)
Head worked in a paid job (last week)	0.127*** (0.023)	-0.094*** (0.024)	0.061** (0.028)	-0.090*** (0.020)	0.097*** (0.029)	0.055** (0.023)	0.221*** (0.026)	0.040* (0.021)	-0.044 (0.028)
Head worked in own non-farm enterprise	0.048*** (0.017)	0.028 (0.025)	0.143*** (0.024)	0.057*** (0.021)	0.112*** (0.028)	0.079*** (0.015)	0.117*** (0.019)	0.135*** (0.022)	0.099*** (0.027)
Muslim	0.062*** (0.020)	0.321** (0.126)	0.092** (0.043)	-0.115* (0.059)	0.000 (.)	0.000 (.)	-0.018 (0.054)	0.000 (.)	0.000 (.)
Christian	0.029 (0.019)	0.225* (0.119)	0.127*** (0.034)	0.026 (0.049)	0.000 (.)	0.000 (.)	-0.005 (0.049)	0.000 (.)	0.000 (.)
HH share: girls 5 and under	-0.593*** (0.040)	-0.497*** (0.094)	-0.842*** (0.089)	-0.506*** (0.083)	-0.625*** (0.101)	-0.490*** (0.058)	-0.375*** (0.072)	-0.783*** (0.070)	-0.038 (0.113)
HH share: boys 5 and under	-0.627*** (0.040)	-0.690*** (0.098)	-0.805*** (0.100)	-0.487*** (0.080)	-0.531*** (0.106)	-0.466*** (0.060)	-0.456*** (0.077)	-0.780*** (0.078)	-0.341*** (0.100)
HH share: girls 6 to 14	-0.529*** (0.035)	-0.367*** (0.075)	-0.502*** (0.080)	-0.343*** (0.074)	-0.404*** (0.090)	-0.450*** (0.053)	-0.434*** (0.063)	-0.632*** (0.061)	-0.015 (0.089)
HH share: boys 6 to 14	-0.577***	-0.416***	-0.498***	-0.370***	-0.357***	-0.388***	-0.519***	-0.456***	0.061

	(0.036)	(0.079)	(0.089)	(0.063)	(0.095)	(0.058)	(0.064)	(0.070)	(0.099)
HH share: women 65 and over	-0.547***	-0.380***	-0.009	0.008	0.173	-0.162	-0.081	-0.266***	-0.316*
	(0.056)	(0.124)	(0.081)	(0.097)	(0.218)	(0.105)	(0.075)	(0.081)	(0.162)
HH share: men 65 and over	-0.448***	-0.508**	0.015	-0.074	0.194	-0.486***	-0.274***	-0.505***	-0.188
	(0.094)	(0.213)	(0.113)	(0.127)	(0.356)	(0.174)	(0.104)	(0.130)	(0.193)
R ²	0.643	0.319	0.530	0.573	0.484	0.634	0.580	0.585	0.494
N	10378	5047	4617	3952	3240	3859	3741	4775	2671

Note: Robust standard errors in parentheses. Standard errors are clustered at the PSU. The dependent variable is log consumption per capita. A linear probability model is used for estimation. All regressions include dummies for household size (in intervals 1, 3, 5, 7 and 9 or more); the age of the household head (in five year intervals starting at age 15); the state (or region) in which the household resides; and the month the household was surveyed in.

* p<.10 ** p<.05 *** p<.01

Table A3: Basic PMT Quantile Regression Results q(0.2)

	Burkina Faso	Ethiopia	Ghana	Malawi	Mali	Niger	Nigeria	Tanzania	Uganda
Toilet: flush	0.305*** (0.031)	0.252*** (0.038)	-0.085** (0.036)	0.548*** (0.085)	0.301*** (0.042)	0.408*** (0.053)	0.348*** (0.023)	0.263*** (0.026)	0.464*** (0.101)
Toilet: pit	0.142*** (0.008)	0.062*** (0.019)	-0.109*** (0.021)	0.092*** (0.025)	0.159*** (0.036)	0.137*** (0.020)	0.113*** (0.018)	0.135*** (0.017)	0.229*** (0.041)
Floor: finished	0.360*** (0.019)	0.285*** (0.039)	0.172*** (0.030)	0.271*** (0.026)	0.186*** (0.028)	0.294*** (0.043)	0.192*** (0.027)	0.145*** (0.021)	0.663*** (0.078)
Wall: finished	-0.085*** (0.013)	-0.096*** (0.024)	0.086*** (0.025)	0.156*** (0.021)	0.113*** (0.029)	-0.024 (0.049)	0.028 (0.023)	0.021 (0.017)	0.265*** (0.031)
Roof: finished	-0.055 (0.058)	0.184*** (0.020)	0.026 (0.031)	0.131 (0.084)	0.029 (0.029)	0.286*** (0.019)	0.034 (0.027)	0.125*** (0.020)	-0.105 (0.453)
Fuel: electricity gas or kerosene	0.501*** (0.023)	0.082** (0.041)	0.317*** (0.038)	0.808*** (0.063)	0.510** (0.202)	0.393*** (0.043)	0.135*** (0.028)	0.532*** (0.059)	0.236** (0.092)
Fuel: charcoal	0.174*** (0.023)	0.088 (0.102)	0.182*** (0.024)	0.320*** (0.030)	-0.001 (0.032)	0.257*** (0.079)	0.070* (0.038)	0.295*** (0.021)	0.223*** (0.039)
Urban area	0.066*** (0.009)	0.194*** (0.026)	0.282*** (0.025)	-0.149*** (0.029)	0.095*** (0.030)	0.191*** (0.019)	0.123*** (0.014)	-0.009 (0.023)	0.164*** (0.028)
Female head	-0.110*** (0.017)	0.049* (0.028)	-0.020 (0.032)	0.033 (0.035)	0.220*** (0.054)	0.044 (0.028)	-0.056* (0.034)	-0.038* (0.020)	-0.055* (0.033)
Head has at least primary education	0.102*** (0.015)	0.257*** (0.028)	0.104*** (0.021)	0.116*** (0.029)	0.231*** (0.031)	0.086*** (0.015)	0.132*** (0.017)	0.119*** (0.019)	0.133*** (0.031)
Head has at least secondary education	0.107*** (0.019)	0.075** (0.035)	0.189*** (0.027)	0.125*** (0.032)	0.133*** (0.035)	0.184*** (0.025)	0.090*** (0.016)	0.351*** (0.058)	0.205*** (0.040)
Divorced or separated head	0.132*** (0.022)	-0.188*** (0.039)	-0.035 (0.032)	-0.041 (0.035)	-0.072 (0.378)	-0.093** (0.041)	-0.045 (0.078)	-0.090*** (0.026)	-0.160*** (0.043)
Widowed head	-0.025 (0.018)	-0.140*** (0.044)	-0.003 (0.040)	-0.118** (0.049)	-0.129* (0.071)	-0.148*** (0.039)	-0.052 (0.035)	-0.026 (0.029)	-0.132*** (0.046)
Head worked in a paid job (last week)	0.179*** (0.022)	-0.066*** (0.021)	0.068*** (0.021)	-0.064*** (0.021)	0.134*** (0.044)	0.070*** (0.026)	0.224*** (0.024)	0.039* (0.022)	0.009 (0.026)
Head worked in own non-farm enterprise	0.078*** (0.018)	0.000 (0.021)	0.127*** (0.018)	0.021 (0.020)	0.089*** (0.024)	0.096*** (0.014)	0.131*** (0.015)	0.134*** (0.021)	0.114*** (0.029)
Muslim	0.055*** (0.011)	0.461*** (0.082)	0.116*** (0.029)	-0.113*** (0.035)	0.000 (.)	0.000 (.)	-0.017 (0.074)	0.000 (.)	0.000 (.)
Christian	0.017 (0.012)	0.324*** (0.080)	0.135*** (0.027)	0.001 (0.025)	0.000 (.)	0.000 (.)	-0.017 (0.072)	0.000 (.)	0.000 (.)
HH share: girls 5 and under	-0.600*** (0.036)	-0.583*** (0.084)	-0.797*** (0.082)	-0.619*** (0.077)	-0.740*** (0.095)	-0.492*** (0.061)	-0.365*** (0.053)	-0.712*** (0.073)	-0.036 (0.115)
HH share: boys 5 and under	-0.631*** (0.032)	-0.641*** (0.077)	-0.858*** (0.081)	-0.484*** (0.068)	-0.588*** (0.094)	-0.437*** (0.063)	-0.613*** (0.051)	-0.767*** (0.068)	-0.269*** (0.087)
HH share: girls 6 to 14	-0.513*** (0.030)	-0.311*** (0.060)	-0.398*** (0.057)	-0.428*** (0.076)	-0.442*** (0.089)	-0.400*** (0.054)	-0.385*** (0.051)	-0.449*** (0.056)	0.210*** (0.081)
HH share: boys 6 to 14	-0.512*** (0.028)	-0.379*** (0.066)	-0.452*** (0.055)	-0.519*** (0.077)	-0.279*** (0.071)	-0.314*** (0.055)	-0.503*** (0.062)	-0.446*** (0.068)	0.164 (0.109)

HH share: women 65 and over	-0.504*** (0.044)	-0.576*** (0.124)	-0.261** (0.104)	-0.114 (0.157)	-0.060 (0.291)	-0.158 (0.118)	0.003 (0.074)	-0.196*** (0.048)	-0.459** (0.178)
HH share: men 65 and over	-0.511*** (0.127)	-0.707*** (0.263)	-0.281** (0.136)	0.125 (0.257)	-0.032 (0.234)	-0.550*** (0.144)	-0.176** (0.087)	-0.501*** (0.121)	-0.245 (0.210)
N	10378	5047	4617	3952	3240	3859	3741	4775	2671

Note: Robust standard errors in parentheses. Standard errors are clustered at the PSU. The dependent variable is log consumption per capita. A quantile regression centered at the 20th percentile is used for estimation. All regressions include dummies for household size (in intervals 1, 3, 5, 7 and 9 or more); the age of the household head (in five year intervals starting at age 15); the state (or region) in which the household resides; and the month the household was surveyed in.

* p<.10 ** p<.05 *** p<.01

Table A4: Basic PMT Quantile Regression Results q(0.4)

	Burkina Faso	Ethiopia	Ghana	Malawi	Mali	Niger	Nigeria	Tanzania	Uganda
Toilet: flush	0.321*** (0.023)	0.217*** (0.041)	-0.245*** (0.045)	0.708*** (0.063)	0.263*** (0.046)	0.475*** (0.049)	0.356*** (0.027)	0.227*** (0.023)	0.472*** (0.093)
Toilet: pit	0.141*** (0.011)	0.037* (0.022)	-0.259*** (0.024)	0.126*** (0.039)	0.121*** (0.033)	0.136*** (0.018)	0.117*** (0.018)	0.130*** (0.016)	0.235*** (0.040)
Floor: finished	0.339*** (0.029)	0.248*** (0.063)	0.140*** (0.030)	0.254*** (0.024)	0.222*** (0.029)	0.324*** (0.064)	0.189*** (0.048)	0.147*** (0.020)	0.680*** (0.106)
Wall: finished	-0.068*** (0.014)	-0.021 (0.038)	0.058** (0.026)	0.146*** (0.020)	0.145*** (0.028)	-0.003 (0.025)	0.045* (0.024)	0.041** (0.018)	0.255*** (0.025)
Roof: finished	-0.032 (0.080)	0.166*** (0.022)	0.077*** (0.028)	0.013 (0.133)	0.057* (0.030)	0.285*** (0.020)	0.057** (0.023)	0.081*** (0.019)	0.047 (0.050)
Fuel: electricity gas or kerosene	0.454*** (0.019)	0.080** (0.035)	0.397*** (0.043)	0.756*** (0.062)	0.445*** (0.116)	0.295*** (0.040)	0.147*** (0.021)	0.457*** (0.044)	0.209 (0.137)
Fuel: charcoal	0.179*** (0.022)	0.078** (0.037)	0.220*** (0.026)	0.323*** (0.031)	-0.000 (0.028)	0.196*** (0.022)	0.071 (0.064)	0.260*** (0.022)	0.225*** (0.036)
Urban area	0.088*** (0.011)	0.168*** (0.028)	0.315*** (0.028)	-0.188*** (0.025)	0.039 (0.032)	0.178*** (0.021)	0.135*** (0.017)	0.026 (0.018)	0.169*** (0.033)
Female head	-0.103*** (0.018)	-0.004 (0.028)	-0.000 (0.028)	0.001 (0.036)	0.232*** (0.052)	0.011 (0.029)	-0.079** (0.037)	-0.051** (0.020)	-0.100*** (0.029)
Head has at least primary education	0.121*** (0.015)	0.266*** (0.036)	0.143*** (0.025)	0.077** (0.033)	0.132*** (0.033)	0.101*** (0.014)	0.095*** (0.018)	0.140*** (0.021)	0.110*** (0.023)
Head has at least secondary education	0.101*** (0.020)	0.098** (0.040)	0.107*** (0.032)	0.147*** (0.036)	0.207*** (0.038)	0.183*** (0.025)	0.102*** (0.017)	0.379*** (0.049)	0.279*** (0.028)
Divorced or separated head	0.095*** (0.028)	-0.127*** (0.043)	-0.006 (0.042)	-0.059 (0.040)	-0.106*** (0.040)	-0.046 (0.061)	0.046 (0.063)	-0.070** (0.030)	-0.153*** (0.042)
Widowed head	-0.027 (0.020)	-0.099*** (0.032)	-0.027 (0.041)	-0.100** (0.045)	-0.103** (0.046)	-0.102*** (0.037)	0.045 (0.046)	-0.000 (0.026)	-0.070** (0.035)
Head worked in a paid job (last week)	0.123*** (0.022)	-0.098*** (0.024)	0.084*** (0.030)	-0.084*** (0.019)	0.169*** (0.029)	0.075*** (0.019)	0.210*** (0.021)	0.033 (0.023)	-0.066*** (0.022)
Head worked in own non-farm enterprise	0.046*** (0.017)	0.025 (0.022)	0.116*** (0.022)	0.047** (0.019)	0.105*** (0.025)	0.082*** (0.014)	0.106*** (0.014)	0.131*** (0.021)	0.094*** (0.023)
Muslim	0.055*** (0.014)	0.428*** (0.110)	0.113*** (0.033)	-0.066 (0.058)	0.000 (.)	0.000 (.)	-0.040 (0.035)	0.000 (.)	0.000 (.)
Christian	0.029** (0.014)	0.284*** (0.109)	0.119*** (0.030)	0.067 (0.051)	0.000 (.)	0.000 (.)	-0.031 (0.031)	0.000 (.)	0.000 (.)
HH share: girls 5 and under	-0.593*** (0.040)	-0.567*** (0.093)	-0.886*** (0.089)	-0.754*** (0.075)	-0.584*** (0.095)	-0.465*** (0.062)	-0.358*** (0.063)	-0.754*** (0.061)	-0.171 (0.107)
HH share: boys 5 and under	-0.645*** (0.041)	-0.781*** (0.096)	-0.871*** (0.090)	-0.647*** (0.073)	-0.536*** (0.094)	-0.482*** (0.057)	-0.445*** (0.071)	-0.703*** (0.071)	-0.383*** (0.103)
HH share: girls 6 to 14	-0.556*** (0.033)	-0.469*** (0.065)	-0.435*** (0.075)	-0.487*** (0.078)	-0.372*** (0.083)	-0.407*** (0.058)	-0.369*** (0.058)	-0.626*** (0.056)	0.032 (0.088)
HH share: boys 6 to 14	-0.575*** (0.036)	-0.484*** (0.068)	-0.397*** (0.074)	-0.446*** (0.078)	-0.266*** (0.076)	-0.386*** (0.054)	-0.486*** (0.055)	-0.466*** (0.062)	0.012 (0.080)

HH share: women 65 and over	-0.472*** (0.060)	-0.329*** (0.120)	0.047 (0.084)	0.019 (0.135)	0.079 (0.153)	-0.108** (0.055)	-0.107 (0.083)	-0.247*** (0.066)	-0.218 (0.152)
HH share: men 65 and over	-0.239*** (0.091)	-0.322** (0.151)	-0.048 (0.105)	0.034 (0.117)	-0.403 (0.283)	-0.388*** (0.148)	-0.295** (0.135)	-0.445*** (0.146)	-0.279* (0.165)
N	10378	5047	4617	3952	3240	3859	3741	4775	2671

Note: Robust standard errors in parentheses. Standard errors are clustered at the PSU. The dependent variable is log consumption per capita. A quantile regression centered at the 40th percentile is used for estimation. All regressions include dummies for household size (in intervals 1, 3, 5, 7 and 9 or more); the age of the household head (in five year intervals starting at age 15); the state (or region) in which the household resides; and the month the household was surveyed in.

* p<.10 ** p<.05 *** p<.01

Table A5: Weighted Regression Results for Basic PMT (Bottom 20 Percent)

	Burkina Faso	Ethiopia	Ghana	Malawi	Mali	Niger	Nigeria	Tanzania	Uganda
Toilet: flush	-0.054 (0.076)	-0.050 (0.066)	0.018 (0.056)	0.203 (0.145)	0.235*** (0.065)	0.164*** (0.049)	0.065 (0.063)	0.027 (0.052)	0.051 (0.046)
Toilet: pit	0.025** (0.010)	0.037*** (0.008)	0.075*** (0.009)	0.009 (0.028)	0.044* (0.025)	0.048* (0.025)	0.054 (0.040)	0.056* (0.033)	0.002 (0.032)
Floor: finished	0.050 (0.091)	0.068 (0.063)	0.132* (0.078)	0.038 (0.232)	0.039 (0.115)	0.112 (0.074)	0.102*** (0.031)	0.132*** (0.032)	0.140*** (0.036)
Wall: finished	-0.013 (0.023)	-0.039** (0.017)	-0.063*** (0.016)	-0.102** (0.049)	-0.136** (0.054)	-0.095* (0.053)	0.024 (0.040)	-0.004 (0.035)	0.028 (0.035)
Roof: finished	-0.069 (0.047)	-0.060 (0.063)	-0.055 (0.073)	0.080** (0.034)	0.055** (0.028)	0.064** (0.025)	-0.003 (0.032)	-0.008 (0.031)	0.010 (0.036)
Fuel: electricity gas or kerosene	0.000 (.)	0.173*** (0.055)	0.185*** (0.042)	-0.015 (0.153)	0.011 (0.058)	0.064 (0.046)	0.163** (0.069)	0.210*** (0.046)	0.292*** (0.044)
Fuel: charcoal	0.051* (0.029)	0.044* (0.024)	0.035 (0.023)	0.039 (0.081)	0.050 (0.050)	0.040 (0.061)	0.145*** (0.032)	0.160*** (0.025)	0.175*** (0.027)
Urban area	0.024** (0.011)	0.016* (0.009)	0.031*** (0.010)	-0.057 (0.046)	0.001 (0.038)	0.026 (0.036)	0.013 (0.047)	0.051 (0.031)	0.106*** (0.035)
Female head	-0.047** (0.019)	-0.056*** (0.017)	-0.064*** (0.017)	-0.006 (0.056)	-0.021 (0.038)	-0.001 (0.031)	0.044 (0.036)	-0.026 (0.028)	0.002 (0.028)
Head has at least primary education	0.022 (0.016)	0.039*** (0.013)	0.053*** (0.012)	0.142* (0.077)	0.121*** (0.039)	0.147*** (0.036)	0.079*** (0.028)	0.091*** (0.024)	0.098*** (0.026)
Head has at least secondary education	-0.038 (0.030)	0.001 (0.023)	-0.021 (0.021)	-0.004 (0.099)	0.007 (0.057)	-0.027 (0.045)	0.020 (0.042)	0.049 (0.032)	0.123*** (0.030)
Divorced or separated head	0.012 (0.036)	0.049 (0.039)	0.120*** (0.038)	0.029 (0.072)	-0.021 (0.049)	-0.024 (0.038)	-0.044 (0.056)	-0.011 (0.040)	-0.040 (0.037)
Widowed head	0.016 (0.021)	0.032* (0.019)	0.025 (0.019)	-0.087 (0.073)	-0.049 (0.053)	-0.034 (0.043)	-0.060 (0.049)	-0.001 (0.043)	-0.004 (0.042)
Head worked in a paid job (last week)	-0.014 (0.036)	0.002 (0.027)	0.041 (0.025)	-0.056 (0.048)	-0.039 (0.030)	-0.035 (0.024)	0.012 (0.033)	0.016 (0.024)	-0.010 (0.023)
Head worked in own non-farm enterprise	0.015 (0.017)	0.015 (0.015)	0.036** (0.014)	0.037 (0.049)	-0.005 (0.032)	-0.012 (0.026)	0.050** (0.024)	0.118*** (0.020)	0.114*** (0.020)
Muslim	0.006 (0.013)	0.038*** (0.012)	0.040*** (0.013)	0.193** (0.087)	0.241*** (0.087)	0.241*** (0.089)	0.105*** (0.029)	0.109*** (0.031)	0.101*** (0.034)
Christian	-0.004 (0.012)	0.005 (0.012)	0.008 (0.013)	0.101 (0.080)	0.152* (0.082)	0.157* (0.086)	0.058* (0.031)	0.089*** (0.026)	0.111*** (0.029)
HH share: girls 5 and under	-0.178*** (0.041)	-0.258*** (0.037)	-0.345*** (0.034)	-0.042 (0.140)	-0.052 (0.099)	-0.218*** (0.084)	-0.272*** (0.099)	-0.433*** (0.079)	-0.521*** (0.078)
HH share: boys 5 and under	-0.174*** (0.044)	-0.240*** (0.035)	-0.378*** (0.036)	-0.167 (0.127)	-0.260*** (0.097)	-0.370*** (0.086)	-0.340*** (0.091)	-0.514*** (0.084)	-0.520*** (0.085)
HH share: girls 6 to 14	-0.109*** (0.036)	-0.183*** (0.031)	-0.343*** (0.031)	0.021 (0.110)	0.027 (0.076)	-0.110* (0.064)	-0.105 (0.074)	-0.178*** (0.065)	-0.277*** (0.064)
HH share: boys 6 to 14	-0.187*** (0.038)	-0.238*** (0.033)	-0.368*** (0.032)	0.089 (0.105)	-0.088 (0.078)	-0.186*** (0.068)	-0.216** (0.101)	-0.208*** (0.078)	-0.226*** (0.078)
HH share: women 65 and over	-0.215***	-0.151***	-0.167***	-0.421**	-0.346**	-0.222	-0.011	-0.092	-0.053

	(0.066)	(0.054)	(0.050)	(0.187)	(0.170)	(0.143)	(0.120)	(0.084)	(0.074)
HH share: men 65 and over	-0.026	-0.111	-0.217**	-1.227***	-0.772***	-0.530**	-0.276	-0.227	-0.077
	(0.109)	(0.085)	(0.084)	(0.189)	(0.294)	(0.253)	(0.199)	(0.140)	(0.110)
R ²	0.113	0.146	0.222	0.174	0.140	0.148	0.171	0.247	0.349
N	2077	4125	6240	890	1707	2603	1272	2297	3177

Note: Robust standard errors in parentheses. Standard errors are clustered at the PSU. The dependent variable is consumption per capita. A linear probability model is used for estimation. Only the poorest 20 percent of households are included in the regression. All regressions include dummies for household size (in intervals 1, 3, 5, 7 and 9 or more); the age of the household head (in five year intervals starting at age 15); the state (or region) in which the household resides; and the month the household was surveyed in.

* p<.10 ** p<.05 *** p<.01

Table A6: Weighted Regression Results for Basic PMT (Bottom 40 Percent)

	Burkina Faso	Ethiopia	Ghana	Malawi	Mali	Niger	Nigeria	Tanzania	Uganda
Toilet: flush	0.082 (0.109)	0.094 (0.096)	0.184** (0.083)	0.141*** (0.045)	0.091** (0.040)	0.068 (0.043)	0.000 (.)	0.083 (0.061)	0.144 (0.116)
Toilet: pit	0.072** (0.033)	0.085*** (0.027)	0.107*** (0.027)	0.055 (0.038)	0.044 (0.031)	0.036 (0.032)	-0.021 (0.045)	-0.023 (0.034)	0.015 (0.028)
Floor: finished	0.053* (0.032)	0.055** (0.026)	0.104*** (0.022)	0.042 (0.043)	0.067** (0.033)	0.086*** (0.032)	0.000 (.)	0.050 (0.086)	0.019 (0.088)
Wall: finished	0.035 (0.024)	0.061*** (0.020)	0.081*** (0.018)	0.022 (0.051)	0.047 (0.039)	0.042 (0.036)	-0.124 (0.085)	-0.030 (0.047)	-0.020 (0.049)
Roof: finished	0.000 (.)	0.000 (.)	-0.079 (0.090)	0.052 (0.034)	0.049* (0.029)	0.066** (0.031)	0.055 (0.068)	0.069* (0.035)	0.123*** (0.025)
Fuel: electricity gas or kerosene	-0.064 (0.082)	0.011 (0.113)	0.009 (0.110)	0.000 (.)	0.000 (.)	0.000 (.)	0.000 (.)	0.000 (.)	0.000 (.)
Fuel: charcoal	-0.036 (0.054)	0.055 (0.036)	0.145*** (0.030)	0.103** (0.046)	0.072* (0.043)	-0.036 (0.031)	0.086* (0.045)	-0.146*** (0.031)	0.167 (0.147)
Urban area	0.028 (0.032)	-0.008 (0.029)	-0.044* (0.025)	0.033 (0.090)	0.047 (0.065)	0.097* (0.055)	0.014 (0.054)	0.083*** (0.027)	0.085*** (0.025)
Female head	0.047 (0.045)	0.002 (0.033)	0.021 (0.028)	-0.005 (0.105)	0.063 (0.089)	0.164** (0.078)	-0.036 (0.053)	0.002 (0.040)	0.005 (0.037)
Head has at least primary education	-0.013 (0.042)	0.027 (0.027)	0.023 (0.026)	0.109** (0.052)	0.081** (0.040)	0.093** (0.036)	0.029 (0.020)	0.012 (0.016)	0.032** (0.014)
Head has at least secondary education	0.070 (0.045)	0.014 (0.033)	0.073** (0.032)	-0.076 (0.100)	0.031 (0.068)	0.033 (0.045)	0.073* (0.038)	0.035 (0.037)	0.095*** (0.032)
Divorced or separated head	-0.091 (0.061)	-0.061 (0.042)	-0.073** (0.037)	0.100 (0.151)	-0.032 (0.106)	-0.100 (0.090)	-0.010 (0.093)	-0.081 (0.067)	-0.069 (0.052)
Widowed head	-0.055 (0.053)	-0.056 (0.042)	-0.081** (0.037)	0.059 (0.102)	-0.052 (0.088)	-0.077 (0.075)	0.013 (0.055)	-0.042 (0.046)	-0.070* (0.042)
Head worked in a paid job (last week)	0.004 (0.025)	0.004 (0.020)	-0.027 (0.018)	-0.013 (0.048)	-0.003 (0.040)	0.061* (0.034)	0.036 (0.044)	0.076*** (0.028)	0.051** (0.024)
Head worked in own non-farm enterprise	-0.032 (0.028)	-0.026 (0.022)	0.008 (0.018)	-0.012 (0.043)	0.009 (0.033)	0.039 (0.027)	0.014 (0.025)	0.037** (0.016)	0.048*** (0.015)
Muslim	-0.102* (0.056)	-0.098** (0.045)	-0.063 (0.044)	0.000 (.)	0.000 (.)	0.000 (.)	0.000 (.)	0.000 (.)	0.000 (.)
Christian	-0.071 (0.048)	-0.016 (0.037)	0.022 (0.035)	0.000 (.)	0.000 (.)	0.000 (.)	0.000 (.)	0.000 (.)	0.000 (.)
HH share: girls 5 and under	-0.293*** (0.108)	-0.203*** (0.074)	-0.284*** (0.069)	-0.338*** (0.126)	-0.279*** (0.099)	-0.367*** (0.094)	-0.221** (0.086)	-0.266*** (0.065)	-0.247*** (0.062)
HH share: boys 5 and under	-0.106 (0.103)	-0.034 (0.077)	-0.247*** (0.070)	-0.116 (0.137)	-0.220** (0.100)	-0.207** (0.089)	-0.178** (0.086)	-0.250*** (0.066)	-0.306*** (0.058)
HH share: girls 6 to 14	-0.184** (0.085)	-0.140** (0.066)	-0.251*** (0.056)	-0.244** (0.115)	-0.311*** (0.094)	-0.178** (0.082)	-0.154 (0.102)	-0.105 (0.071)	-0.143** (0.058)
HH share: boys 6 to 14	-0.244*** (0.086)	-0.176*** (0.067)	-0.274*** (0.060)	-0.016 (0.125)	-0.127 (0.090)	-0.157* (0.082)	-0.101 (0.092)	-0.148** (0.069)	-0.147** (0.058)
HH share: women 65 and over	0.028	-0.112	-0.033	0.471*	0.412*	0.064	-0.205	-0.312**	-0.276**

	(0.160)	(0.117)	(0.097)	(0.269)	(0.221)	(0.193)	(0.167)	(0.129)	(0.120)
HH share: men 65 and over	-0.022	-0.215	-0.097	0.057	0.745	0.716**	-0.157	-0.062	-0.407***
	(0.206)	(0.170)	(0.159)	(0.650)	(0.466)	(0.352)	(0.192)	(0.170)	(0.155)
R ²	0.087	0.110	0.179	0.107	0.156	0.225	0.092	0.133	0.194
N	722	1458	2265	646	1281	1980	593	1247	1958

Note: Robust standard errors in parentheses. Standard errors are clustered at the PSU. The dependent variable is consumption per capita. A linear probability model is used for estimation. Only the poorest 40 percent of households are included in the regression. All regressions include dummies for household size (in intervals 1, 3, 5, 7 and 9 or more); the age of the household head (in five year intervals starting at age 15); the state (or region) in which the household resides; and the month the household was surveyed in.

* p<.10 ** p<.05 *** p<.01

Table A7: Weighted Regression Results for Basic PMT (Bottom 60 Percent)

	Burkina Faso	Ethiopia	Ghana	Malawi	Mali	Niger	Nigeria	Tanzania	Uganda
Toilet: flush	0.135** (0.061)	0.188*** (0.037)	0.269*** (0.029)	0.006 (0.076)	0.063* (0.036)	0.077*** (0.027)	0.211 (0.134)	0.128 (0.091)	0.152** (0.072)
Toilet: pit	0.053** (0.024)	0.065*** (0.022)	0.113*** (0.022)	0.032 (0.030)	0.069*** (0.021)	0.066*** (0.019)	0.094* (0.048)	0.158*** (0.041)	0.188*** (0.045)
Floor: finished	0.015 (0.072)	0.018 (0.043)	0.045 (0.052)	0.057* (0.033)	0.070*** (0.022)	0.085*** (0.022)	-0.168 (0.221)	-0.122 (0.304)	0.172 (0.238)
Wall: finished	0.051 (0.038)	0.026 (0.029)	0.035 (0.028)	0.032 (0.030)	0.039* (0.021)	0.030 (0.019)	0.042 (0.032)	0.163*** (0.026)	0.183*** (0.025)
Roof: finished	0.075* (0.038)	0.047 (0.038)	0.066* (0.035)	0.034 (0.028)	0.050** (0.020)	0.061*** (0.020)	-0.383*** (0.117)	-0.601*** (0.104)	-0.401 (0.321)
Fuel: electricity gas or kerosene	-0.006 (0.045)	0.036 (0.032)	0.054** (0.026)	-0.010 (0.112)	-0.136 (0.266)	0.124 (0.087)	0.046 (0.115)	0.090 (0.101)	0.010 (0.085)
Fuel: charcoal	0.000 (.)	0.218*** (0.055)	0.124** (0.051)	-0.144* (0.085)	0.059 (0.037)	0.142*** (0.025)	0.127** (0.064)	0.059 (0.043)	0.098** (0.039)
Urban area	0.016 (0.036)	0.089*** (0.024)	0.091*** (0.023)	0.083* (0.043)	0.028 (0.029)	0.053** (0.023)	0.054 (0.045)	0.058 (0.044)	0.065 (0.040)
Female head	-0.007 (0.102)	-0.027 (0.063)	0.013 (0.049)	0.029 (0.042)	-0.028 (0.029)	-0.059** (0.027)	0.075* (0.040)	0.013 (0.032)	-0.056** (0.028)
Head has at least primary education	0.070*** (0.024)	0.048** (0.021)	0.080*** (0.020)	0.113*** (0.038)	0.099*** (0.025)	0.078*** (0.020)	0.082*** (0.030)	0.060** (0.025)	0.067*** (0.021)
Head has at least secondary education	0.004 (0.025)	0.056*** (0.021)	0.051*** (0.019)	0.149 (0.156)	-0.143 (0.146)	0.035 (0.069)	0.027 (0.052)	0.086* (0.045)	0.122*** (0.035)
Divorced or separated head	-0.236* (0.135)	-0.131 (0.083)	-0.109* (0.059)	-0.121** (0.050)	-0.091** (0.038)	-0.066* (0.035)	-0.115** (0.050)	-0.092** (0.041)	-0.102** (0.040)
Widowed head	-0.093 (0.099)	-0.057 (0.063)	-0.036 (0.053)	-0.063 (0.053)	-0.030 (0.039)	-0.011 (0.032)	-0.106* (0.055)	-0.127*** (0.045)	-0.075* (0.040)
Head worked in a paid job (last week)	0.103*** (0.027)	0.144*** (0.024)	0.173*** (0.025)	-0.027 (0.037)	-0.007 (0.027)	-0.000 (0.022)	-0.061* (0.036)	-0.027 (0.031)	-0.027 (0.029)
Head worked in own non-farm enterprise	0.057*** (0.020)	0.083*** (0.018)	0.097*** (0.017)	-0.008 (0.046)	0.060** (0.028)	0.059*** (0.022)	-0.002 (0.029)	0.042 (0.026)	0.059** (0.024)
Muslim	-0.123** (0.052)	-0.019 (0.053)	-0.024 (0.047)	0.000 (.)	0.000 (.)	0.000 (.)	0.000 (.)	0.000 (.)	0.000 (.)
Christian	-0.056 (0.046)	-0.006 (0.045)	-0.022 (0.039)	0.000 (.)	0.000 (.)	0.000 (.)	0.000 (.)	0.000 (.)	0.000 (.)
HH share: girls 5 and under	-0.061 (0.081)	-0.237*** (0.073)	-0.226*** (0.066)	-0.180* (0.104)	-0.296*** (0.074)	-0.358*** (0.070)	0.193 (0.123)	0.275** (0.112)	0.139 (0.094)
HH share: boys 5 and under	-0.200*** (0.077)	-0.382*** (0.068)	-0.427*** (0.067)	-0.121 (0.119)	-0.283*** (0.088)	-0.347*** (0.083)	0.128 (0.129)	0.047 (0.105)	-0.119 (0.091)
HH share: girls 6 to 14	-0.010 (0.075)	-0.207*** (0.060)	-0.219*** (0.060)	-0.054 (0.095)	-0.163** (0.070)	-0.253*** (0.061)	0.024 (0.110)	0.098 (0.083)	0.123 (0.077)
HH share: boys 6 to 14	-0.284*** (0.076)	-0.288*** (0.068)	-0.314*** (0.063)	-0.013 (0.098)	-0.116 (0.078)	-0.216*** (0.065)	0.140 (0.109)	0.219** (0.098)	0.226** (0.087)
HH share: women 65 and over	-0.130	-0.099	-0.081	-0.051	-0.146	-0.063	-0.227	-0.267*	-0.180

	(0.137)	(0.100)	(0.084)	(0.135)	(0.107)	(0.086)	(0.170)	(0.138)	(0.157)
HH share: men 65 and over	-0.065	-0.180	-0.072	-0.171	-0.257*	-0.260**	-0.051	-0.019	-0.067
	(0.134)	(0.110)	(0.095)	(0.217)	(0.150)	(0.122)	(0.217)	(0.153)	(0.142)
R ²	0.217	0.331	0.422	0.168	0.170	0.244	0.187	0.230	0.265
N	1310	2222	2908	842	1768	2767	740	1256	1799

Note: Robust standard errors in parentheses. Standard errors are clustered at the PSU. The dependent variable is consumption per capita. A linear probability model is used for estimation. Only the poorest 60 percent of households are included in the regression. All regressions include dummies for household size (in intervals 1, 3, 5, 7 and 9 or more); the age of the household head (in five year intervals starting at age 15); the state (or region) in which the household resides; and the month the household was surveyed in.

* p<.10 ** p<.05 *** p<.01

Table A8: Targeting Errors for Basic PMT using a Poverty-Weighted Regression (Poor + 20)

	Inclusion Error (IER)	Exclusion Error (EER)	Inclusion Error (IER)	Exclusion Error (EER)	Targeting Error (TER)	Targeting Error (TER)
	Fixed poverty line				Fixed poverty rate	
	$z = F^{-1}(0.2)$		$z = F^{-1}(0.4)$		$H = 0.2$	$H = 0.4$
Burkina Faso	0.400	0.655	0.268	0.323	0.475	0.286
Ethiopia	0.441	0.878	0.367	0.457	0.580	0.386
Ghana	0.325	0.531	0.213	0.315	0.396	0.249
Malawi	0.389	0.780	0.302	0.389	0.526	0.328
Mali	0.460	0.810	0.306	0.296	0.487	0.305
Niger	0.492	0.761	0.340	0.350	0.538	0.340
Nigeria	0.279	0.434	0.210	0.255	0.339	0.224
Tanzania	0.379	0.667	0.292	0.273	0.461	0.288
Uganda	0.415	0.636	0.338	0.276	0.487	0.320
Mean	0.373	0.700	0.303	0.347	0.487	0.315

Note: Errors are calculated using the predicted values from the regressions given in Tables A6 and A7. A Basic PMT is run with full weight on the bottom 40th and 60th percentiles for the first and second two columns respectively. Definitions of the various error rates can be found in the text. Statistics are household weighted.

Table A9: Basic PMT Regression Results for Rural Areas Only

	Burkina Faso	Ethiopia	Ghana	Malawi	Mali	Niger	Nigeria	Tanzania	Uganda
Toilet: flush	0.016 (0.064)	0.208** (0.098)	0.187* (0.105)	0.480*** (0.095)	0.164** (0.066)	0.135** (0.060)	0.399*** (0.040)	0.226*** (0.042)	0.477*** (0.141)
Toilet: pit	0.110*** (0.014)	0.073* (0.039)	-0.062 (0.052)	0.123*** (0.030)	0.087** (0.044)	0.182*** (0.067)	0.171*** (0.027)	0.124*** (0.024)	0.181*** (0.056)
Floor: finished	0.392*** (0.113)	0.173 (0.162)	0.230*** (0.046)	0.300*** (0.029)	0.296*** (0.049)	0.207 (0.146)	0.116 (0.081)	0.182*** (0.026)	0.828*** (0.151)
Wall: finished	-0.086*** (0.028)	-0.207** (0.080)	0.030 (0.048)	0.145*** (0.023)	0.123** (0.059)	-0.094 (0.063)	0.095** (0.038)	0.057** (0.025)	0.249*** (0.038)
Roof: finished	-0.068 (0.096)	0.119*** (0.035)	0.010 (0.044)	0.133 (0.145)	0.043 (0.038)	0.298*** (0.044)	0.100** (0.043)	0.072*** (0.025)	-0.054 (0.369)
Fuel: electricity gas or kerosene	0.528*** (0.055)	-0.169 (0.181)	0.357*** (0.106)	0.790*** (0.127)	1.171*** (0.192)	0.000 (.)	0.175*** (0.036)	0.577*** (0.100)	0.185 (0.161)
Fuel: charcoal	0.242*** (0.055)	0.211** (0.101)	0.212*** (0.053)	0.368*** (0.066)	0.256 (0.170)	0.227 (0.262)	0.130* (0.070)	0.306*** (0.032)	0.259*** (0.049)
Female head	-0.114*** (0.025)	0.005 (0.051)	-0.039 (0.042)	0.009 (0.034)	0.167 (0.104)	-0.027 (0.046)	-0.085 (0.055)	-0.089*** (0.032)	-0.055* (0.032)
Head has at least primary education	0.086*** (0.021)	0.335*** (0.075)	0.077** (0.033)	0.128*** (0.031)	0.151*** (0.055)	0.136*** (0.020)	0.099*** (0.023)	0.183*** (0.030)	0.129*** (0.030)
Head has at least secondary education	0.070* (0.037)	0.064 (0.094)	0.162*** (0.055)	0.149*** (0.043)	0.094 (0.091)	0.122*** (0.043)	0.090*** (0.024)	0.275*** (0.082)	0.226*** (0.037)
Divorced or separated head	0.039 (0.065)	-0.145** (0.063)	-0.019 (0.050)	-0.063 (0.046)	-0.002 (0.189)	-0.092 (0.065)	0.049 (0.073)	-0.069* (0.039)	-0.182*** (0.050)
Widowed head	-0.060** (0.028)	-0.137** (0.065)	-0.013 (0.058)	-0.136*** (0.042)	-0.192** (0.091)	-0.092* (0.053)	0.020 (0.054)	-0.011 (0.041)	-0.117** (0.048)
Head worked in a paid job (last week)	0.150*** (0.045)	-0.123*** (0.047)	0.063 (0.041)	-0.101*** (0.026)	0.178*** (0.062)	0.067* (0.037)	0.252*** (0.033)	0.028 (0.028)	-0.036 (0.031)
Head worked in own non-farm enterprise	0.038* (0.023)	0.068 (0.049)	0.183*** (0.032)	0.082*** (0.026)	0.140*** (0.042)	0.100*** (0.016)	0.126*** (0.021)	0.144*** (0.029)	0.066** (0.031)
Muslim	0.052** (0.021)	0.247* (0.132)	0.089** (0.044)	-0.186*** (0.064)	0.000 (.)	0.000 (.)	0.008 (0.061)	0.000 (.)	0.000 (.)
Christian	0.033 (0.021)	0.161 (0.122)	0.137*** (0.038)	-0.012 (0.050)	0.000 (.)	0.000 (.)	-0.004 (0.053)	0.000 (.)	0.000 (.)
HH share: girls 5 and under	-0.506*** (0.048)	-0.602*** (0.124)	-0.856*** (0.111)	-0.425*** (0.091)	-0.361** (0.143)	-0.397*** (0.069)	-0.360*** (0.089)	-0.685*** (0.088)	0.023 (0.117)
HH share: boys 5 and under	-0.553*** (0.048)	-0.896*** (0.123)	-0.720*** (0.120)	-0.388*** (0.083)	-0.472*** (0.149)	-0.414*** (0.073)	-0.412*** (0.092)	-0.701*** (0.105)	-0.307*** (0.105)
HH share: girls 6 to 14	-0.545*** (0.044)	-0.380*** (0.097)	-0.584*** (0.099)	-0.365*** (0.073)	-0.236* (0.128)	-0.367*** (0.066)	-0.419*** (0.075)	-0.543*** (0.079)	0.012 (0.095)
HH share: boys 6 to 14	-0.551*** (0.045)	-0.422*** (0.103)	-0.433*** (0.107)	-0.359*** (0.073)	-0.361*** (0.129)	-0.310*** (0.073)	-0.460*** (0.072)	-0.378*** (0.088)	0.126 (0.108)
HH share: women 65 and over	-0.360*** (0.067)	-0.375*** (0.140)	0.050 (0.101)	0.116 (0.100)	-0.021 (0.261)	-0.056 (0.109)	-0.106 (0.084)	-0.138 (0.087)	-0.367** (0.163)
HH share: men 65 and over	-0.328***	-0.341	-0.118	0.016	0.530	-0.422***	-0.344***	-0.471***	-0.122

	(0.100)	(0.246)	(0.134)	(0.142)	(0.508)	(0.137)	(0.126)	(0.146)	(0.201)
R ²	0.465	0.201	0.400	0.463	0.308	0.353	0.537	0.448	0.423
N	6387	3161	2764	2918	2120	2343	2640	3109	2136

Note: Robust standard errors in parentheses. Standard errors are clustered at the PSU. The dependent variable is consumption per capita. A linear probability model is used for estimation. Only households in rural areas are included in the regression. All regressions include dummies for household size (in intervals 1, 3, 5, 7 and 9 or more); the age of the household head (in five year intervals starting at age 15); the state (or region) in which the household resides; and the month the household was surveyed in.

* p<.10 ** p<.05 *** p<.01

Table A10: Basic PMT Regression Results for Urban Areas Only

	Burkina Faso	Ethiopia	Ghana	Malawi	Mali	Niger	Nigeria	Tanzania	Uganda
Toilet: flush	0.467*** (0.046)	0.355*** (0.083)	-0.500*** (0.068)	0.869*** (0.119)	0.427*** (0.091)	0.531*** (0.055)	0.318*** (0.061)	0.267*** (0.038)	0.600** (0.234)
Toilet: pit	0.258*** (0.022)	0.259*** (0.076)	-0.630*** (0.052)	0.273*** (0.099)	0.153* (0.081)	0.155*** (0.030)	-0.019 (0.053)	0.163*** (0.035)	0.345* (0.202)
Floor: finished	0.318*** (0.034)	0.180*** (0.061)	-0.041 (0.102)	0.175*** (0.041)	0.131*** (0.046)	0.275*** (0.056)	0.417*** (0.075)	0.105*** (0.037)	0.433 (0.348)
Wall: finished	-0.049* (0.026)	0.177*** (0.051)	0.091 (0.073)	0.166*** (0.033)	0.209*** (0.049)	0.036 (0.060)	0.005 (0.037)	0.085** (0.037)	0.415*** (0.072)
Roof: finished	0.073 (0.072)	0.265** (0.109)	-0.081 (0.172)	-0.105 (0.252)	0.142 (0.119)	0.284*** (0.028)	0.041 (0.050)	-0.006 (0.056)	0.193 (0.310)
Fuel: electricity gas or kerosene	0.357*** (0.024)	0.114*** (0.041)	0.375*** (0.070)	0.855*** (0.092)	0.448*** (0.160)	0.256*** (0.056)	0.077* (0.040)	0.385*** (0.061)	0.207 (0.180)
Fuel: charcoal	0.102*** (0.025)	-0.373* (0.211)	0.211*** (0.057)	0.345*** (0.041)	0.051 (0.039)	0.161*** (0.040)	0.040 (0.066)	0.161*** (0.039)	0.301*** (0.064)
Female head	-0.131*** (0.027)	0.088** (0.039)	0.014 (0.049)	-0.061 (0.059)	0.177** (0.072)	0.112* (0.057)	-0.169** (0.065)	0.014 (0.034)	-0.060 (0.083)
Head has at least primary education	0.132*** (0.020)	0.188*** (0.052)	0.192*** (0.059)	0.020 (0.049)	0.161*** (0.047)	0.053** (0.025)	0.108** (0.044)	0.134*** (0.030)	0.190** (0.075)
Head has at least secondary education	0.115*** (0.023)	0.049 (0.046)	0.130*** (0.044)	0.121** (0.051)	0.242*** (0.048)	0.202*** (0.028)	0.150*** (0.037)	0.405*** (0.052)	0.212** (0.088)
Divorced or separated head	0.093** (0.045)	-0.258*** (0.052)	-0.001 (0.053)	-0.002 (0.071)	-0.246* (0.135)	-0.046 (0.072)	0.043 (0.089)	-0.026 (0.046)	-0.118 (0.110)
Widowed head	0.005 (0.033)	-0.186*** (0.058)	0.041 (0.062)	0.017 (0.077)	-0.091 (0.077)	-0.162** (0.067)	0.096 (0.072)	-0.017 (0.048)	-0.018 (0.134)
Head worked in a paid job (last week)	0.119*** (0.027)	-0.081** (0.032)	0.022 (0.037)	-0.142*** (0.043)	0.039 (0.038)	0.027 (0.031)	0.083* (0.047)	0.052 (0.034)	-0.023 (0.066)
Head worked in own non-farm enterprise	0.066*** (0.023)	0.026 (0.035)	0.083** (0.035)	-0.016 (0.040)	0.052 (0.041)	0.021 (0.028)	0.027 (0.041)	0.133*** (0.036)	0.192*** (0.064)
Muslim	0.035 (0.043)	0.557*** (0.199)	-0.027 (0.093)	0.331** (0.150)	0.000 (.)	0.000 (.)	-0.191* (0.103)	0.000 (.)	0.000 (.)
Christian	0.006 (0.042)	0.534*** (0.193)	0.054 (0.063)	0.401*** (0.145)	0.000 (.)	0.000 (.)	-0.157 (0.101)	0.000 (.)	0.000 (.)
HH share: girls 5 and under	-0.712*** (0.066)	-0.344** (0.135)	-0.821*** (0.146)	-0.837*** (0.152)	-0.928*** (0.111)	-0.579*** (0.100)	-0.278** (0.123)	-0.923*** (0.113)	-0.220 (0.333)
HH share: boys 5 and under	-0.673*** (0.069)	-0.337** (0.153)	-0.918*** (0.188)	-0.820*** (0.160)	-0.526*** (0.125)	-0.447*** (0.104)	-0.462*** (0.139)	-0.895*** (0.117)	-0.422 (0.289)
HH share: girls 6 to 14	-0.459*** (0.056)	-0.296*** (0.109)	-0.383*** (0.122)	-0.321** (0.145)	-0.598*** (0.117)	-0.547*** (0.082)	-0.447*** (0.103)	-0.801*** (0.094)	-0.205 (0.245)
HH share: boys 6 to 14	-0.552*** (0.058)	-0.294** (0.116)	-0.585*** (0.142)	-0.376*** (0.105)	-0.280** (0.124)	-0.456*** (0.092)	-0.576*** (0.128)	-0.606*** (0.119)	-0.091 (0.241)
HH share: women 65 and over	-0.714*** (0.107)	-0.452* (0.252)	-0.019 (0.138)	-0.257 (0.327)	0.220 (0.346)	-0.350 (0.227)	-0.141 (0.156)	-0.634*** (0.202)	0.296 (0.534)
HH share: men 65 and over	-0.529***	-0.857**	0.275	-0.046	-0.425	-0.493	-0.283	-0.692**	-1.402*

	(0.180)	(0.344)	(0.196)	(0.237)	(0.452)	(0.408)	(0.173)	(0.339)	(0.769)
R ²	0.710	0.306	0.447	0.685	0.535	0.613	0.522	0.562	0.537
N	3991	1886	1853	1034	1120	1516	1101	1666	535

Note: Robust standard errors in parentheses. Standard errors are clustered at the PSU. The dependent variable is consumption per capita. A linear probability model is used for estimation. Only households in urban areas are included in the regression. All regressions include dummies for household size (in intervals 1, 3, 5, 7 and 9 or more); the age of the household head (in five year intervals starting at age 15); the state (or region) in which the household resides; and the month the household was surveyed in.

* p<.10 ** p<.05 *** p<.01

Table A11: Targeting Errors using Separate Basic PMT Coefficients for Urban and Rural Areas

	Inclusion Error (IER)	Exclusion Error (EER)	Inclusion Error (IER)	Exclusion Error (EER)	Targeting Error (TER)	Targeting Error (TER)
	Fixed poverty line		Fixed poverty rate			
	$z = F^{-1}(0.2)$		$z = F^{-1}(0.4)$		$H = 0.2$	$H = 0.4$
Burkina Faso	0.400	0.655	0.268	0.323	0.475	0.286
Ethiopia	0.441	0.878	0.367	0.457	0.580	0.386
Ghana	0.325	0.531	0.213	0.315	0.396	0.249
Malawi	0.389	0.780	0.302	0.389	0.526	0.328
Mali	0.460	0.810	0.306	0.296	0.487	0.305
Niger	0.492	0.761	0.340	0.350	0.538	0.340
Nigeria	0.279	0.434	0.210	0.255	0.339	0.224
Tanzania	0.379	0.667	0.292	0.273	0.461	0.288
Uganda	0.415	0.636	0.338	0.276	0.487	0.320
Mean	0.373	0.700	0.303	0.347	0.487	0.315

Note: Errors are calculated using the predicted values from the regressions given in Tables A9 and A10. A Basic PMT is run separately for households in rural and urban areas. Definitions of the various error rates can be found in the text. Statistics are household weighted.

Table A12: Extended PMT Regression Results

	Burkina Faso	Ethiopia	Ghana	Malawi	Mali	Niger	Nigeria	Tanzania	Uganda
Water: piped	0.010 (0.017)	0.101** (0.040)	0.071* (0.038)	0.022 (0.029)	0.079 (0.067)	0.032 (0.022)	-0.021 (0.034)	-0.002 (0.021)	0.094*** (0.032)
Water: well or outside pipe	-0.106*** (0.016)	0.027 (0.039)	-0.115* (0.062)	-0.004 (0.026)	0.079 (0.067)	-0.014 (0.025)	-0.035 (0.022)	-0.045** (0.020)	-0.054** (0.022)
Toilet: flush	0.073** (0.030)	0.107** (0.053)	-0.425*** (0.055)	0.354*** (0.052)	0.111** (0.049)	0.221*** (0.036)	0.223*** (0.031)	0.125*** (0.023)	0.143 (0.087)
Toilet: pit	0.054*** (0.010)	0.004 (0.034)	-0.287*** (0.038)	0.084*** (0.027)	0.049 (0.039)	0.065*** (0.023)	0.078*** (0.022)	0.106*** (0.018)	0.061 (0.048)
Floor: finished	0.132*** (0.027)	0.156*** (0.057)	0.157*** (0.043)	0.114*** (0.018)	0.135*** (0.034)	0.080** (0.039)	0.180*** (0.045)	0.082*** (0.019)	0.540*** (0.165)
Wall: finished	-0.061*** (0.019)	-0.083* (0.043)	-0.031 (0.040)	0.063*** (0.018)	0.052 (0.035)	-0.049 (0.036)	-0.001 (0.024)	0.017 (0.019)	0.111*** (0.032)
Roof: finished	0.046 (0.059)	0.056 (0.036)	0.020 (0.043)	0.011 (0.099)	0.023 (0.034)	0.115*** (0.020)	0.035 (0.027)	0.014 (0.022)	-0.199 (0.180)
Persons per room	-0.020*** (0.002)	0.001 (0.009)	-0.038*** (0.009)	-0.049*** (0.006)	-0.051*** (0.008)	-0.041*** (0.005)	-0.050*** (0.008)	-0.033*** (0.008)	-0.050*** (0.007)
Separate room for kitchen	0.023*** (0.009)	-0.001 (0.034)	0.039 (0.025)	0.000 (.)	0.000 (.)	0.000 (.)	0.000 (.)	0.000 (.)	0.021 (0.026)
Fuel: electricity gas or kerosene	0.170*** (0.021)	-0.019 (0.042)	0.107* (0.059)	0.348*** (0.064)	0.408*** (0.135)	0.128** (0.054)	0.037 (0.025)	0.247*** (0.043)	0.301*** (0.103)
Fuel: charcoal	0.084*** (0.019)	0.111 (0.098)	0.134*** (0.037)	0.199*** (0.030)	0.053 (0.038)	0.087** (0.037)	0.019 (0.050)	0.135*** (0.026)	0.208*** (0.036)
Has electricity	0.097*** (0.018)	0.128*** (0.039)	0.115*** (0.035)	0.064* (0.036)	0.145*** (0.040)	0.159*** (0.027)	0.067*** (0.022)	-0.016 (0.024)	0.142*** (0.051)
Has radio	0.049*** (0.008)	0.122*** (0.024)	0.017 (0.023)	0.129*** (0.015)	0.070*** (0.022)	0.077*** (0.013)	0.034** (0.015)	0.091*** (0.014)	0.158*** (0.021)
Has television	0.064*** (0.015)	0.112*** (0.042)	-0.002 (0.031)	0.070* (0.036)	0.047 (0.033)	0.096*** (0.024)	-0.007 (0.028)	0.088*** (0.033)	0.180*** (0.047)
Has fridge or freezer	0.105*** (0.021)	0.169*** (0.052)	0.125*** (0.031)	0.060 (0.041)	0.223*** (0.044)	0.087*** (0.026)	0.110*** (0.022)	0.067*** (0.024)	0.000 (.)
Has bicycle	-0.019 (0.011)	0.123** (0.052)	-0.007 (0.031)	0.065*** (0.016)	-0.063** (0.026)	0.024 (0.024)	-0.034* (0.019)	0.038** (0.016)	0.080*** (0.025)
Has motorbike	0.233*** (0.009)	0.064 (0.065)	0.140*** (0.042)	0.282*** (0.064)	0.094*** (0.023)	0.143*** (0.016)	0.042*** (0.016)	0.173*** (0.030)	0.167*** (0.036)
Has car or truck	0.277*** (0.028)	0.197*** (0.075)	0.251*** (0.060)	0.491*** (0.064)	0.214*** (0.056)	0.252*** (0.036)	0.186*** (0.026)	0.385*** (0.042)	0.367*** (0.067)
Has telephone (owns)	0.107*** (0.030)	-0.037 (0.037)	0.025 (0.081)	0.000 (.)	0.148* (0.078)	0.085* (0.048)	-0.017 (0.137)	0.151* (0.088)	0.000 (.)
Has mobile phone (owns)	0.141*** (0.012)	0.216*** (0.025)	0.098*** (0.026)	0.222*** (0.019)	0.102*** (0.028)	0.100*** (0.015)	0.160*** (0.021)	0.235*** (0.019)	0.191*** (0.026)
Has computer	0.097*** (0.021)	0.000 (.)	0.038 (0.048)	0.174*** (0.047)	0.294*** (0.057)	0.083** (0.038)	0.110*** (0.041)	0.140*** (0.042)	0.187** (0.074)
Has video player	0.060*** (0.014)	0.105*** (0.039)	-0.007 (0.050)	0.106*** (0.034)	0.064** (0.029)	0.014 (0.023)	0.100*** (0.023)	0.049* (0.028)	0.000 (.)
Has any type of stove	0.066*** (0.017)	0.164*** (0.039)	0.093** (0.039)	0.055 (0.038)	0.156** (0.079)	0.022 (0.025)	0.070*** (0.022)	0.109*** (0.019)	-0.002 (0.024)
Has sewing machine	0.000	-0.113*	0.014	-0.047	-0.092*	-0.084***	0.007	-0.040*	0.000

	(.)	(0.065)	(0.027)	(0.037)	(0.055)	(0.028)	(0.021)	(0.023)	(.)
Has air conditioner or fan	0.026 (0.019)	0.000 (.)	0.038 (0.034)	0.043 (0.035)	0.048 (0.035)	0.113*** (0.024)	0.067*** (0.021)	0.028 (0.027)	0.000 (.)
Has iron	0.064*** (0.017)	0.000 (.)	0.079** (0.034)	0.147*** (0.021)	0.061** (0.030)	0.100*** (0.018)	0.055*** (0.020)	0.083*** (0.018)	0.109*** (0.035)
Has satellite dish	0.034** (0.017)	-0.056 (0.043)	0.063 (0.084)	0.057 (0.041)	0.091*** (0.034)	0.040 (0.032)	0.089** (0.037)	0.000 (.)	0.000 (.)
Has electric generator	0.179*** (0.046)	0.180 (0.131)	0.241* (0.130)	0.154** (0.062)	0.036 (0.108)	0.083** (0.042)	0.065*** (0.020)	0.000 (.)	0.327*** (0.120)
Household owns dwelling	-0.027** (0.013)	-0.013 (0.032)	0.023 (0.028)	0.002 (0.019)	-0.024 (0.030)	0.001 (0.018)	0.003 (0.022)	0.002 (0.018)	0.065* (0.037)
Urban area	-0.039*** (0.013)	-0.094* (0.051)	0.315*** (0.057)	-0.236*** (0.029)	-0.091* (0.052)	0.075** (0.030)	0.053** (0.021)	0.022 (0.022)	0.110*** (0.035)
Female head	-0.025 (0.019)	0.060 (0.044)	0.076* (0.042)	0.030 (0.033)	0.222*** (0.076)	0.048 (0.039)	-0.000 (0.081)	0.025 (0.037)	-0.035 (0.032)
Head has at least primary education	0.036*** (0.012)	0.112*** (0.043)	0.048 (0.034)	-0.009 (0.028)	0.012 (0.039)	0.070*** (0.015)	0.033 (0.021)	0.049** (0.020)	0.027 (0.031)
Head has at least secondary education	0.018 (0.016)	0.028 (0.050)	0.134*** (0.041)	-0.007 (0.034)	0.059 (0.045)	0.051** (0.025)	0.054** (0.022)	0.157** (0.077)	-0.055 (0.045)
Max education at least primary education	-0.003 (0.011)	0.044 (0.033)	0.026 (0.037)	0.046* (0.027)	0.062** (0.030)	0.007 (0.016)	0.036 (0.027)	0.022 (0.025)	0.042 (0.031)
Max education at least secondary education	0.013 (0.010)	-0.014 (0.039)	-0.084** (0.040)	0.020 (0.031)	0.016 (0.037)	-0.010 (0.021)	-0.033 (0.022)	-0.013 (0.070)	0.165*** (0.038)
Divorced or separated head	0.178*** (0.048)	-0.167** (0.074)	0.048 (0.063)	0.222*** (0.060)	0.232** (0.110)	-0.009 (0.071)	0.122 (0.077)	0.119** (0.047)	-0.125* (0.067)
Widowed head	0.022 (0.037)	-0.233** (0.091)	0.113 (0.087)	0.100 (0.062)	-0.123* (0.073)	-0.211*** (0.073)	0.035 (0.057)	-0.011 (0.058)	-0.149 (0.111)
Never married head	0.148*** (0.032)	-0.036 (0.053)	-0.018 (0.062)	0.284*** (0.062)	-0.095 (0.102)	-0.041 (0.041)	0.175*** (0.057)	0.265*** (0.045)	0.069 (0.104)
Widowed female head	0.020 (0.045)	0.148 (0.114)	-0.234** (0.109)	-0.196** (0.081)	0.087 (0.116)	0.143* (0.081)	-0.085 (0.107)	-0.047 (0.075)	0.066 (0.128)
Divorced female head	-0.188*** (0.068)	-0.049 (0.090)	-0.115 (0.078)	-0.255*** (0.072)	-0.766*** (0.178)	-0.049 (0.090)	-0.111 (0.127)	-0.150** (0.065)	0.106 (0.084)
Never married female head	-0.139** (0.068)	-0.071 (0.079)	-0.088 (0.080)	-0.029 (0.101)	0.183 (0.167)	0.146 (0.094)	-0.099 (0.126)	-0.153** (0.072)	-0.195 (0.146)
Head worked in a paid job (last week)	0.039** (0.020)	-0.086*** (0.023)	-0.019 (0.062)	-0.052*** (0.017)	0.066** (0.028)	0.018 (0.018)	0.101*** (0.024)	0.032 (0.026)	-0.024 (0.025)
Head worked in own non-farm enterprise	0.050*** (0.015)	-0.005 (0.025)	0.104*** (0.023)	0.059*** (0.017)	0.121*** (0.026)	0.043*** (0.013)	0.057*** (0.018)	0.086*** (0.020)	0.033 (0.023)
Head works daily in current job	-0.033 (0.026)	-0.005 (0.026)	0.080 (0.062)	0.071*** (0.019)	-0.044 (0.059)	-0.042 (0.029)	0.051* (0.027)	0.002 (0.021)	0.056** (0.023)
Muslim	0.013 (0.017)	0.266** (0.112)	0.046 (0.042)	-0.135*** (0.051)	0.000 (.)	0.000 (.)	-0.031 (0.052)	0.000 (.)	0.000 (.)

Christian	0.001 (0.017)	0.182* (0.106)	0.089*** (0.034)	-0.021 (0.042)	0.000 (.)	0.000 (.)	-0.055 (0.048)	0.000 (.)	0.000 (.)
HH share: girls 5 and under	-0.486*** (0.036)	-0.403*** (0.094)	-0.735*** (0.090)	-0.231*** (0.073)	-0.306*** (0.095)	-0.259*** (0.050)	-0.236*** (0.066)	-0.573*** (0.066)	0.117 (0.103)
HH share: boys 5 and under	-0.471*** (0.036)	-0.595*** (0.098)	-0.646*** (0.102)	-0.222*** (0.069)	-0.350*** (0.102)	-0.227*** (0.051)	-0.330*** (0.074)	-0.548*** (0.072)	-0.164* (0.091)
HH share: girls 6 to 14	-0.416*** (0.032)	-0.202*** (0.076)	-0.438*** (0.082)	-0.214*** (0.070)	-0.198** (0.088)	-0.217*** (0.047)	-0.250*** (0.058)	-0.463*** (0.057)	-0.011 (0.083)
HH share: boys 6 to 14	-0.450*** (0.032)	-0.254*** (0.080)	-0.441*** (0.089)	-0.204*** (0.058)	-0.242*** (0.093)	-0.180*** (0.054)	-0.378*** (0.059)	-0.336*** (0.064)	0.170* (0.087)
HH share: women 65 and over	-0.217*** (0.058)	-0.081 (0.137)	-0.023 (0.091)	0.075 (0.110)	0.430* (0.234)	-0.105 (0.118)	-0.057 (0.088)	-0.194** (0.098)	-0.439*** (0.150)
HH share: men 65 and over	-0.221** (0.089)	-0.308 (0.196)	0.127 (0.123)	-0.065 (0.119)	0.215 (0.337)	-0.337** (0.148)	-0.042 (0.096)	-0.309** (0.124)	-0.060 (0.188)
HH share: widows	-0.368*** (0.056)	-0.298** (0.140)	-0.095 (0.078)	0.038 (0.147)	-0.630*** (0.168)	-0.128 (0.105)	0.187* (0.097)	0.077 (0.083)	0.364** (0.181)
HH share: disabled men 15+	-0.018 (0.076)	-0.040 (0.212)	-0.279** (0.131)	0.032 (0.093)	1.100*** (0.264)	-0.118 (0.223)	-0.459*** (0.138)	-0.283* (0.145)	0.229 (0.184)
HH share: disabled women 15+	-0.108 (0.068)	-0.395*** (0.144)	0.044 (0.081)	0.089 (0.079)	1.070*** (0.233)	0.097 (0.260)	-0.086 (0.122)	0.054 (0.090)	-0.195 (0.382)
HH share: orphan boys less than 15	-0.352 (0.217)	0.029 (0.340)	0.338 (0.384)	0.123 (0.285)	0.178 (0.160)	0.062 (0.311)	0.690*** (0.230)	-0.544* (0.295)	0.347 (0.276)
HH share: orphan girls less than 15	0.845** (0.394)	-0.116 (0.257)	0.186 (0.539)	0.169 (0.220)	-0.129 (0.151)	0.508 (0.386)	0.738** (0.305)	0.056 (0.297)	0.754* (0.434)
R ²	0.723	0.381	0.560	0.674	0.565	0.718	0.664	0.646	0.595
N	10378	5047	4617	3952	3240	3859	3741	4775	2671

Note: Robust standard errors in parentheses. Standard errors are clustered at the PSU. The dependent variable is consumption per capita. A linear probability model is used for estimation. All regressions include dummies for household size (in intervals 1, 3, 5, 7 and 9 or more); the age of the household head (in five year intervals starting at age 15); the state (or region) in which the household resides; and the month the household was surveyed in.

* p<.10 ** p<.05 *** p<.01

Table A13: Regression Results for Weighted Extended PMT (Bottom 20 Percent)

	Burkina Faso	Ethiopia	Ghana	Malawi	Mali	Niger	Nigeria	Tanzania	Uganda
Water: piped	-0.040 (0.036)	-0.050* (0.028)	-0.006 (0.022)	-0.049 (0.045)	-0.028 (0.040)	0.004 (0.035)	0.011 (0.049)	0.026 (0.031)	0.069** (0.031)
Water: well or outside pipe	-0.026* (0.015)	-0.031** (0.012)	-0.050*** (0.012)	0.005 (0.035)	-0.019 (0.032)	0.002 (0.032)	0.037 (0.045)	-0.007 (0.040)	-0.026 (0.046)
Toilet: flush	-0.032 (0.072)	-0.036 (0.058)	0.016 (0.045)	0.204 (0.147)	0.198*** (0.061)	0.128** (0.050)	-0.014 (0.068)	-0.022 (0.050)	-0.048 (0.043)
Toilet: pit	0.007 (0.010)	0.012 (0.008)	0.035*** (0.009)	-0.006 (0.030)	0.010 (0.026)	0.015 (0.026)	0.029 (0.034)	0.042 (0.030)	-0.018 (0.030)
Floor: finished	0.066 (0.093)	0.028 (0.048)	0.077 (0.061)	0.051 (0.245)	0.009 (0.122)	0.057 (0.081)	0.091*** (0.029)	0.123*** (0.031)	0.125*** (0.035)
Wall: finished	-0.017 (0.024)	-0.039** (0.016)	-0.052*** (0.015)	-0.113** (0.053)	-0.140*** (0.052)	-0.115** (0.051)	0.003 (0.042)	-0.031 (0.035)	-0.004 (0.034)
Roof: finished	-0.076 (0.047)	-0.057 (0.057)	-0.061 (0.058)	0.064 (0.039)	0.013 (0.032)	0.027 (0.030)	-0.023 (0.032)	-0.031 (0.032)	-0.013 (0.036)
Persons per room	-0.005*** (0.001)	-0.007*** (0.001)	-0.011*** (0.002)	0.002 (0.008)	0.001 (0.007)	0.007 (0.007)	-0.002 (0.007)	-0.008 (0.008)	-0.016** (0.008)
Separate room for kitchen	0.018** (0.009)	0.021*** (0.008)	0.021** (0.008)	0.015 (0.035)	0.034 (0.030)	0.044 (0.028)	0.081*** (0.026)	0.041* (0.021)	0.078*** (0.021)
Fuel: electricity gas or kerosene	0.000 (.)	0.148** (0.074)	0.055 (0.045)	0.035 (0.156)	0.010 (0.058)	0.016 (0.044)	0.097 (0.095)	0.095* (0.052)	0.156*** (0.050)
Fuel: charcoal	0.058** (0.029)	0.049** (0.024)	0.032 (0.022)	0.020 (0.085)	0.038 (0.050)	0.026 (0.060)	0.125*** (0.031)	0.133*** (0.025)	0.133*** (0.025)
Has electricity	0.039** (0.018)	0.037** (0.018)	0.063*** (0.017)	-0.058 (0.056)	0.066* (0.038)	0.096*** (0.034)	0.082*** (0.027)	0.081*** (0.024)	0.042 (0.026)
Has radio	0.018** (0.008)	0.032*** (0.007)	0.033*** (0.007)	0.041 (0.029)	0.073*** (0.023)	0.037* (0.020)	0.035 (0.023)	0.046** (0.019)	0.019 (0.021)
Has television	-0.010 (0.023)	0.036* (0.018)	0.042*** (0.015)	0.141 (0.158)	0.110* (0.062)	0.053 (0.043)	0.016 (0.031)	0.032 (0.026)	-0.015 (0.025)
Has fridge or freezer	0.049 (0.069)	0.004 (0.048)	-0.034 (0.048)	0.100 (0.130)	0.071 (0.059)	0.070 (0.046)	0.022 (0.046)	0.004 (0.032)	0.070** (0.028)
Has bicycle	0.051*** (0.014)	0.040*** (0.012)	0.049*** (0.011)	0.212*** (0.071)	0.095 (0.074)	0.130*** (0.047)	0.017 (0.034)	0.019 (0.030)	0.011 (0.029)
Has motorbike	0.080*** (0.010)	0.108*** (0.009)	0.160*** (0.008)	0.149* (0.084)	0.091 (0.090)	0.044 (0.077)	0.077** (0.038)	0.103*** (0.035)	0.143*** (0.037)
Has car or truck	0.179*** (0.025)	0.055** (0.026)	0.204*** (0.047)	-0.024 (0.144)	-0.145* (0.077)	-0.126** (0.062)	0.015 (0.068)	0.003 (0.062)	0.085 (0.061)
Has telephone (owns)	0.123*** (0.032)	0.109*** (0.034)	0.071** (0.032)	0.100 (0.130)	-0.007 (0.045)	0.047 (0.037)	-0.252 (0.181)	0.022 (0.151)	0.056 (0.102)
Has mobile phone (owns)	0.047*** (0.012)	0.054*** (0.010)	0.077*** (0.010)	0.098*** (0.031)	0.115*** (0.022)	0.139*** (0.020)	0.057** (0.026)	0.049** (0.022)	0.066*** (0.021)
Has computer	0.000 (.)	0.158*** (0.043)	0.213*** (0.071)	0.000 (.)	0.000 (.)	0.000 (.)	0.135 (0.099)	0.074 (0.052)	0.039 (0.042)
Has video player	0.042* (0.025)	0.024 (0.019)	0.043** (0.018)	-0.051 (0.153)	0.028 (0.050)	0.058 (0.036)	-0.027 (0.078)	-0.017 (0.044)	-0.031 (0.041)
Has any type of stove	0.021 (0.044)	0.028 (0.032)	0.072*** (0.021)	-0.095 (0.111)	-0.021 (0.065)	-0.022 (0.052)	-0.057 (0.053)	0.039 (0.035)	0.033 (0.034)
Has sewing	0.000	0.000	0.000	-0.024	-0.127*	-0.199***	0.043	0.024	0.032

machine									
	(.)	(.)	(.)	(0.095)	(0.076)	(0.076)	(0.034)	(0.024)	(0.022)
Has air conditioner or fan	0.028 (0.046)	0.024 (0.039)	0.018 (0.027)	0.000 (.)	0.000 (.)	0.000 (.)	0.024 (0.037)	-0.030 (0.029)	0.041 (0.029)
Has iron	-0.057 (0.061)	0.047 (0.034)	0.074*** (0.023)	0.000 (.)	0.000 (.)	0.000 (.)	-0.033 (0.040)	0.072** (0.029)	0.049* (0.028)
Has satellite dish	0.046 (0.040)	0.013 (0.025)	-0.015 (0.024)	-0.231* (0.118)	-0.033 (0.055)	0.014 (0.042)	0.060 (0.088)	0.066 (0.092)	0.082 (0.074)
Has electric generator	0.070 (0.075)	-0.003 (0.143)	0.135* (0.073)	0.332*** (0.125)	0.278*** (0.090)	0.136* (0.079)	0.124 (0.107)	0.033 (0.116)	0.146 (0.104)
Household owns dwelling	0.030** (0.013)	0.003 (0.013)	-0.005 (0.013)	0.012 (0.049)	0.038 (0.040)	0.052 (0.035)	-0.004 (0.027)	0.003 (0.024)	0.017 (0.023)
Urban area	0.012 (0.012)	0.005 (0.010)	-0.004 (0.010)	-0.034 (0.052)	-0.068 (0.047)	-0.076* (0.045)	0.012 (0.045)	0.034 (0.032)	0.082** (0.037)
Female head	-0.012 (0.020)	-0.020 (0.018)	-0.010 (0.018)	-0.024 (0.062)	-0.058 (0.046)	-0.003 (0.039)	0.052 (0.042)	0.009 (0.032)	0.042 (0.031)
Head has at least primary education	0.007 (0.016)	0.012 (0.013)	0.017 (0.012)	0.064 (0.089)	0.072 (0.044)	0.088** (0.038)	0.045 (0.030)	0.042 (0.026)	0.032 (0.029)
Head has at least secondary education	-0.030 (0.030)	0.008 (0.023)	-0.012 (0.019)	0.014 (0.117)	-0.056 (0.062)	-0.042 (0.046)	0.040 (0.061)	0.025 (0.046)	0.068* (0.041)
Max education at least primary education	0.008 (0.010)	0.008 (0.010)	0.001 (0.010)	0.064 (0.041)	0.032 (0.029)	0.021 (0.028)	0.032 (0.029)	0.057** (0.028)	0.071** (0.030)
Max education at least secondary education	0.016 (0.010)	0.016* (0.009)	0.019** (0.009)	-0.013 (0.053)	0.039 (0.038)	0.003 (0.035)	-0.040 (0.060)	-0.010 (0.038)	0.010 (0.035)
Divorced or separated head	0.072 (0.045)	0.095** (0.040)	0.152*** (0.035)	0.014 (0.165)	0.001 (0.102)	0.029 (0.071)	-0.019 (0.106)	0.087 (0.079)	-0.011 (0.063)
Widowed head	0.013 (0.044)	0.028 (0.035)	0.028 (0.032)	-0.208 (0.138)	-0.200* (0.112)	-0.156* (0.091)	0.241 (0.217)	0.218* (0.118)	0.167* (0.095)
Never married head	-0.045 (0.046)	-0.051 (0.035)	-0.067* (0.035)	-0.164 (0.145)	-0.018 (0.094)	-0.046 (0.062)	-0.356** (0.168)	-0.164 (0.107)	-0.040 (0.075)
Widowed female head	-0.007 (0.056)	0.024 (0.046)	0.004 (0.042)	0.255* (0.148)	0.285** (0.133)	0.192* (0.107)	-0.307 (0.236)	-0.224* (0.131)	-0.215** (0.106)
Divorced female head	-0.026 (0.056)	-0.068 (0.063)	-0.114* (0.063)	-0.013 (0.179)	-0.002 (0.115)	-0.065 (0.088)	-0.010 (0.117)	-0.101 (0.086)	-0.030 (0.070)
Never married female head	-0.084 (0.125)	-0.027 (0.103)	-0.047 (0.073)	-0.144 (0.271)	0.079 (0.133)	0.019 (0.088)	0.327* (0.175)	0.012 (0.121)	-0.141 (0.093)
Head worked in a paid job (last week)	-0.012 (0.033)	-0.003 (0.026)	0.019 (0.023)	-0.058 (0.045)	-0.045 (0.031)	-0.040* (0.024)	-0.011 (0.059)	0.005 (0.055)	-0.045 (0.057)
Head worked in own non-farm enterprise	0.008 (0.016)	0.012 (0.015)	0.031** (0.014)	0.037 (0.048)	-0.016 (0.034)	-0.015 (0.027)	0.040 (0.025)	0.089*** (0.020)	0.082*** (0.020)
Head works daily in current job	-0.085** (0.036)	-0.029 (0.028)	-0.066*** (0.024)	-0.002 (0.032)	-0.030 (0.028)	-0.007 (0.025)	0.000 (0.060)	-0.016 (0.058)	0.020 (0.060)
Muslim	-0.011	0.018	0.010	0.199**	0.235***	0.211**	0.075**	0.071**	0.063*

	(0.012)	(0.012)	(0.013)	(0.084)	(0.080)	(0.087)	(0.029)	(0.031)	(0.035)
Christian	-0.011	-0.003	-0.005	0.108	0.148*	0.139*	0.046	0.063**	0.078**
	(0.012)	(0.012)	(0.012)	(0.076)	(0.076)	(0.084)	(0.029)	(0.026)	(0.030)
HH share: girls 5 and under	-0.129***	-0.235***	-0.290***	-0.025	-0.010	-0.187**	-0.278***	-0.364***	-0.403***
	(0.042)	(0.036)	(0.033)	(0.139)	(0.095)	(0.086)	(0.102)	(0.083)	(0.083)
HH share: boys 5 and under	-0.140***	-0.206***	-0.295***	-0.121	-0.219**	-0.331***	-0.352***	-0.434***	-0.384***
	(0.044)	(0.034)	(0.034)	(0.133)	(0.096)	(0.089)	(0.097)	(0.087)	(0.087)
HH share: girls 6 to 14	-0.070*	-0.143***	-0.247***	0.063	0.107	-0.059	-0.123	-0.119	-0.206***
	(0.038)	(0.031)	(0.031)	(0.113)	(0.076)	(0.064)	(0.086)	(0.072)	(0.068)
HH share: boys 6 to 14	-0.149***	-0.205***	-0.290***	0.127	-0.008	-0.102	-0.191*	-0.142*	-0.148*
	(0.039)	(0.033)	(0.031)	(0.113)	(0.083)	(0.071)	(0.109)	(0.081)	(0.078)
HH share: women 65 and over	-0.164**	-0.027	-0.055	-0.278	-0.128	-0.028	0.015	-0.043	-0.001
	(0.069)	(0.057)	(0.056)	(0.200)	(0.188)	(0.159)	(0.113)	(0.094)	(0.082)
HH share: men 65 and over	0.086	0.005	-0.056	-1.210***	-0.666**	-0.399*	-0.017	0.006	0.080
	(0.103)	(0.086)	(0.084)	(0.286)	(0.293)	(0.240)	(0.205)	(0.164)	(0.122)
HH share: widows	-0.037	-0.129**	-0.078	-0.379*	-0.347**	-0.244	0.180*	0.246***	0.103
	(0.073)	(0.062)	(0.057)	(0.198)	(0.176)	(0.151)	(0.100)	(0.075)	(0.070)
HH share: disabled men 15+	-0.231**	-0.080	0.034	0.000	0.058	-0.080	-0.673***	-0.544***	-0.352**
	(0.108)	(0.092)	(0.079)	(0.267)	(0.287)	(0.257)	(0.164)	(0.150)	(0.141)
HH share: disabled women 15+	0.100	0.040	0.003	-0.312	-0.202	-0.316*	-0.141	-0.053	-0.047
	(0.090)	(0.072)	(0.063)	(0.198)	(0.189)	(0.176)	(0.113)	(0.086)	(0.071)
HH share: orphan boys less than 15	0.174	0.005	0.140	0.714*	0.561**	0.085	0.611	0.356	1.034
	(0.418)	(0.164)	(0.186)	(0.413)	(0.226)	(0.215)	(0.461)	(0.462)	(0.662)
HH share: orphan girls less than 15	-0.089	-0.019	0.246	0.050	-0.308	0.137	1.196*	0.515	0.389
	(0.472)	(0.285)	(0.299)	(0.299)	(0.257)	(0.227)	(0.667)	(0.360)	(0.487)
R ²	0.196	0.225	0.333	0.220	0.190	0.194	0.264	0.296	0.385
N	2077	4125	6240	890	1707	2603	1272	2297	3177

Note: Robust standard errors in parentheses. Standard errors are clustered at the PSU. The dependent variable is consumption per capita. A linear probability model is used for estimation. Only the bottom 20 percent of households are included in the regression. All regressions include dummies for household size (in intervals 1, 3, 5, 7 and 9 or more); the age of the household head (in five year intervals starting at age 15); the state (or region) in which the household resides; and the month the household was surveyed in.

* p<.10 ** p<.05 *** p<.01

Table A14: Regression Results for Weighted Extended PMT (Bottom 40 Percent)

	Burkina Faso	Ethiopia	Ghana	Malawi	Mali	Niger	Nigeria	Tanzania	Uganda
Water: piped	-0.001 (0.044)	0.007 (0.029)	-0.004 (0.025)	-0.094 (0.061)	-0.021 (0.051)	0.009 (0.056)	-0.014 (0.038)	0.007 (0.027)	0.026 (0.025)
Water: well or outside pipe	0.049* (0.030)	0.015 (0.023)	-0.004 (0.022)	-0.099* (0.058)	-0.011 (0.047)	0.037 (0.052)	-0.050* (0.028)	-0.027 (0.024)	-0.015 (0.023)
Toilet: flush	0.065 (0.097)	0.031 (0.089)	0.118 (0.083)	0.121** (0.048)	0.062 (0.040)	0.022 (0.042)	0.000 (.)	0.034 (0.072)	0.057 (0.078)
Toilet: pit	0.059* (0.033)	0.065** (0.027)	0.082*** (0.026)	0.030 (0.038)	0.016 (0.030)	-0.004 (0.031)	-0.033 (0.050)	-0.036 (0.036)	-0.001 (0.027)
Floor: finished	0.030 (0.030)	0.035 (0.027)	0.044* (0.023)	0.033 (0.046)	0.036 (0.035)	0.041 (0.030)	0.000 (.)	0.195*** (0.042)	0.058 (0.098)
Wall: finished	0.017 (0.025)	0.027 (0.020)	0.027 (0.018)	0.046 (0.053)	0.042 (0.038)	0.026 (0.034)	-0.158* (0.085)	-0.048 (0.048)	-0.043 (0.048)
Roof: finished	0.000 (.)	0.000 (.)	-0.006 (0.118)	0.045 (0.033)	0.036 (0.029)	0.045 (0.030)	0.056 (0.077)	0.057 (0.036)	0.086*** (0.026)
Persons per room	-0.016** (0.007)	-0.026*** (0.007)	-0.031*** (0.006)	-0.033*** (0.006)	-0.034*** (0.007)	-0.046*** (0.007)	-0.009 (0.006)	-0.013*** (0.004)	-0.022*** (0.004)
Separate room for kitchen	0.000 (.)	0.000 (.)	0.000 (.)	0.000 (.)	0.000 (.)	0.000 (.)	0.000 (.)	0.000 (.)	0.000 (.)
Fuel: electricity gas or kerosene	-0.242 (0.213)	-0.469*** (0.105)	-0.291** (0.123)	0.000 (.)	0.000 (.)	0.000 (.)	0.000 (.)	0.000 (.)	0.000 (.)
Fuel: charcoal	-0.045 (0.061)	0.022 (0.042)	0.114*** (0.032)	0.136** (0.067)	0.055 (0.041)	-0.013 (0.031)	0.128** (0.051)	-0.081** (0.035)	0.131 (0.138)
Has electricity	0.003 (0.133)	0.084 (0.060)	0.059 (0.038)	0.107 (0.101)	0.105** (0.048)	0.108*** (0.039)	0.129** (0.052)	0.060 (0.046)	0.081** (0.039)
Has radio	0.046* (0.024)	0.093*** (0.016)	0.108*** (0.015)	0.030 (0.027)	0.040* (0.021)	0.061*** (0.019)	0.041* (0.021)	0.040** (0.017)	0.031** (0.015)
Has television	-0.059 (0.113)	0.043 (0.060)	0.091** (0.042)	-0.122** (0.056)	-0.033 (0.041)	0.011 (0.032)	-0.050 (0.085)	0.025 (0.062)	0.041 (0.038)
Has fridge or freezer	0.109 (0.181)	-0.233*** (0.088)	-0.097 (0.076)	0.000 (.)	-0.026 (0.109)	0.013 (0.050)	0.000 (.)	-0.298*** (0.100)	0.087 (0.096)
Has bicycle	0.056** (0.027)	0.064*** (0.021)	0.070*** (0.019)	-0.015 (0.032)	0.003 (0.026)	-0.028 (0.024)	0.014 (0.043)	-0.024 (0.031)	-0.000 (0.028)
Has motorbike	0.000 (.)	0.010 (0.092)	0.166** (0.083)	0.012 (0.035)	0.047* (0.027)	0.067*** (0.024)	0.091 (0.065)	0.069* (0.038)	0.101*** (0.027)
Has car or truck	0.000 (.)	0.225*** (0.063)	0.336** (0.136)	-0.026 (0.129)	-0.163 (0.110)	-0.043 (0.099)	0.000 (.)	-0.284** (0.131)	-0.091 (0.267)
Has telephone (owns)	0.000 (.)	0.000 (.)	0.000 (.)	-0.175 (0.158)	-0.091 (0.109)	-0.047 (0.100)	-0.065 (0.068)	-0.093 (0.073)	-0.050 (0.094)
Has mobile phone (owns)	0.022 (0.027)	0.066*** (0.017)	0.112*** (0.016)	0.036 (0.029)	0.034 (0.024)	0.065*** (0.024)	0.028 (0.020)	0.041*** (0.016)	0.037*** (0.013)
Has computer	0.000 (.)	0.000 (.)	0.000 (.)	0.000 (.)	0.000 (.)	0.141* (0.082)	0.149* (0.083)	-0.060 (0.088)	-0.089 (0.125)
Has video player	0.074 (0.064)	0.059* (0.034)	0.069* (0.035)	0.209*** (0.063)	0.177*** (0.041)	0.130*** (0.032)	0.000 (.)	-0.109 (0.093)	0.072 (0.073)
Has any type of stove	0.174*** (0.060)	0.099 (0.064)	0.118 (0.076)	0.000 (.)	0.000 (.)	0.263* (0.135)	-0.000 (0.048)	0.054 (0.035)	0.037 (0.037)
Has sewing machine	0.121***	-0.006	0.013	0.017	-0.106*	-0.100*	0.023	-0.083**	-0.067*

	(0.039)	(0.041)	(0.036)	(0.061)	(0.057)	(0.058)	(0.045)	(0.039)	(0.040)
Has air conditioner or fan	0.150**	0.145*	0.088	0.236**	0.093	0.044	0.047	0.056	0.020
	(0.061)	(0.075)	(0.055)	(0.106)	(0.061)	(0.037)	(0.064)	(0.077)	(0.043)
Has iron	0.069	0.075***	0.095***	0.073*	0.071**	0.067**	0.125***	0.150***	0.147***
	(0.044)	(0.026)	(0.022)	(0.044)	(0.035)	(0.030)	(0.034)	(0.023)	(0.021)
Has satellite dish	0.000	0.126	-0.020	0.033	0.023	0.027	0.000	0.000	-0.067
	(.)	(0.092)	(0.090)	(0.070)	(0.054)	(0.041)	(.)	(.)	(0.148)
Has electric generator	-0.117*	-0.092	0.052	-0.111	-0.050	0.046	-0.326***	-0.019	0.005
	(0.071)	(0.144)	(0.097)	(0.078)	(0.190)	(0.148)	(0.065)	(0.137)	(0.100)
Household owns dwelling	0.008	0.003	-0.023	0.028	-0.007	-0.030	0.004	0.008	0.001
	(0.040)	(0.026)	(0.022)	(0.037)	(0.030)	(0.028)	(0.047)	(0.032)	(0.026)
Urban area	0.008	-0.056*	-0.103***	0.048	0.016	0.051	-0.024	0.059**	0.042
	(0.048)	(0.033)	(0.030)	(0.095)	(0.073)	(0.061)	(0.055)	(0.029)	(0.027)
Female head	0.073	0.039	0.051	0.232*	-0.080	0.289**	-0.081	-0.017	-0.007
	(0.048)	(0.040)	(0.031)	(0.124)	(0.088)	(0.146)	(0.067)	(0.049)	(0.042)
Head has at least primary education	-0.092**	-0.062*	-0.051*	0.020	0.012	0.032	0.018	0.001	0.022
	(0.039)	(0.034)	(0.029)	(0.065)	(0.047)	(0.041)	(0.021)	(0.016)	(0.014)
Head has at least secondary education	0.082	0.015	0.033	-0.033	-0.013	-0.054	0.019	0.023	0.062*
	(0.050)	(0.039)	(0.037)	(0.116)	(0.071)	(0.048)	(0.043)	(0.039)	(0.037)
Max education at least primary education	0.100***	0.074**	0.057**	0.044	0.036	0.039	-0.022	-0.014	-0.014
	(0.034)	(0.029)	(0.027)	(0.028)	(0.027)	(0.025)	(0.021)	(0.018)	(0.017)
Max education at least secondary education	-0.030	-0.014	0.001	0.195**	0.101**	0.031	0.072**	0.017	0.007
	(0.044)	(0.032)	(0.030)	(0.094)	(0.050)	(0.033)	(0.032)	(0.026)	(0.024)
Divorced or separated head	0.271*	0.105	0.091	0.261***	0.121*	0.132**	0.054	-0.021	-0.062
	(0.145)	(0.074)	(0.092)	(0.062)	(0.068)	(0.061)	(0.068)	(0.112)	(0.076)
Widowed head	0.181	0.149**	0.131**	0.066	-0.071	-0.097	-0.114	-0.136*	-0.139**
	(0.138)	(0.074)	(0.066)	(0.112)	(0.105)	(0.088)	(0.081)	(0.078)	(0.065)
Never married head	0.100	0.098	0.053	-0.632**	-0.348	-0.243*	-0.036	-0.012	0.038
	(0.071)	(0.081)	(0.070)	(0.298)	(0.221)	(0.143)	(0.071)	(0.070)	(0.082)
Widowed female head	-0.279*	-0.255***	-0.216**	-0.209	0.225	-0.044	0.246**	0.131	0.133
	(0.155)	(0.096)	(0.087)	(0.164)	(0.149)	(0.177)	(0.114)	(0.101)	(0.082)
Divorced female head	-0.375**	-0.175*	-0.148	-0.729***	-0.067	-0.520***	0.011	-0.022	0.006
	(0.166)	(0.090)	(0.103)	(0.137)	(0.184)	(0.189)	(0.114)	(0.136)	(0.097)
Never married female head	0.000	0.139	0.070	0.000	0.556**	-0.126	0.000	0.000	0.270**
	(.)	(0.102)	(0.091)	(.)	(0.248)	(0.223)	(.)	(.)	(0.107)
Head worked in a paid job (last week)	0.016	0.010	-0.009	0.003	0.050	0.061*	0.038	0.077***	0.045*
	(0.025)	(0.019)	(0.017)	(0.055)	(0.044)	(0.032)	(0.046)	(0.028)	(0.025)
Head worked in own non-farm enterprise	-0.029	-0.012	0.012	-0.036	-0.001	0.037	0.002	0.028*	0.029*
	(0.027)	(0.020)	(0.018)	(0.040)	(0.032)	(0.026)	(0.026)	(0.016)	(0.015)
Head works daily in current job	-0.001	0.028	0.013	0.008	-0.031	0.020	0.063	-0.016	-0.055*
	(0.038)	(0.025)	(0.021)	(0.073)	(0.052)	(0.047)	(0.047)	(0.036)	(0.030)
Muslim	-0.096*	-0.098**	-0.073	0.000	0.000	0.000	0.000	0.000	0.000
	(0.057)	(0.047)	(0.045)	(.)	(.)	(.)	(.)	(.)	(.)

Christian	-0.084*	-0.046	-0.015	0.000	0.000	0.000	0.000	0.000	0.000
	(0.047)	(0.037)	(0.034)	(.)	(.)	(.)	(.)	(.)	(.)
HH share: girls 5 and under	-0.207*	-0.077	-0.146**	-0.294**	-0.154	-0.216**	-0.146*	-0.200***	-0.173***
	(0.111)	(0.076)	(0.070)	(0.132)	(0.100)	(0.096)	(0.086)	(0.067)	(0.061)
HH share: boys 5 and under	-0.012	0.073	-0.110	-0.070	-0.135	-0.085	-0.090	-0.170**	-0.220***
	(0.105)	(0.078)	(0.071)	(0.134)	(0.101)	(0.090)	(0.093)	(0.069)	(0.059)
HH share: girls 6 to 14	-0.143*	-0.078	-0.184***	-0.245**	-0.257***	-0.084	-0.119	-0.061	-0.076
	(0.080)	(0.064)	(0.056)	(0.120)	(0.098)	(0.084)	(0.104)	(0.072)	(0.057)
HH share: boys 6 to 14	-0.212**	-0.113*	-0.184***	-0.068	-0.066	-0.075	0.012	-0.059	-0.062
	(0.090)	(0.067)	(0.061)	(0.125)	(0.092)	(0.083)	(0.097)	(0.074)	(0.059)
HH share: women 65 and over	0.151	-0.054	0.013	0.718**	0.684**	0.261	-0.035	-0.319**	-0.257**
	(0.194)	(0.128)	(0.118)	(0.339)	(0.266)	(0.224)	(0.203)	(0.140)	(0.125)
HH share: men 65 and over	-0.200	-0.339**	-0.163	-0.067	0.840*	0.694**	-0.031	0.036	-0.340**
	(0.247)	(0.165)	(0.155)	(0.659)	(0.463)	(0.344)	(0.198)	(0.172)	(0.147)
HH share: widows	0.078	0.043	0.027	-0.172	-0.481**	-0.396**	-0.271	0.009	-0.136
	(0.198)	(0.154)	(0.136)	(0.332)	(0.237)	(0.188)	(0.222)	(0.116)	(0.101)
HH share: disabled men 15+	0.170	-0.016	-0.077	0.079	0.519*	0.819***	-0.050	-0.114	-0.430***
	(0.179)	(0.132)	(0.105)	(0.805)	(0.306)	(0.264)	(0.197)	(0.173)	(0.146)
HH share: disabled women 15+	0.010	0.108	0.089	0.516	0.037	0.591**	0.306	0.133	-0.162
	(0.145)	(0.100)	(0.079)	(0.367)	(0.278)	(0.275)	(0.276)	(0.163)	(0.206)
HH share: orphan boys less than 15	0.255	0.208	0.089	0.629***	0.246	0.098	-0.585	-0.453	-0.086
	(0.271)	(0.264)	(0.246)	(0.224)	(0.160)	(0.139)	(0.355)	(0.356)	(0.439)
HH share: orphan girls less than 15	0.293	0.135	0.112	-0.249	0.211	0.090	0.168	0.063	-0.073
	(0.351)	(0.287)	(0.277)	(0.299)	(0.190)	(0.151)	(0.273)	(0.264)	(0.365)
R ²	0.148	0.196	0.279	0.213	0.232	0.304	0.166	0.186	0.259
N	722	1458	2265	646	1281	1980	593	1247	1958

Note: Robust standard errors in parentheses. Standard errors are clustered at the PSU. The dependent variable is consumption per capita. A linear probability model is used for estimation. Only the bottom 40 percent of households are included in the regression. All regressions include dummies for household size (in intervals 1, 3, 5, 7 and 9 or more); the age of the household head (in five year intervals starting at age 15); the state (or region) in which the household resides; and the month the household was surveyed in.

* p<.10 ** p<.05 *** p<.01

Table A15: Regression Results for Weighted Extended PMT (Bottom 60 Percent)

	Burkina Faso	Ethiopia	Ghana	Malawi	Mali	Niger	Nigeria	Tanzania	Uganda
Water: piped	-0.008 (0.044)	0.013 (0.037)	0.010 (0.034)	0.014 (0.035)	0.020 (0.025)	0.028 (0.022)	0.034 (0.053)	-0.020 (0.038)	0.033 (0.032)
Water: well or outside pipe	-0.045* (0.025)	-0.014 (0.023)	-0.021 (0.022)	0.007 (0.025)	0.010 (0.021)	0.005 (0.020)	-0.054* (0.031)	-0.049** (0.023)	-0.041** (0.020)
Toilet: flush	0.141** (0.055)	0.116*** (0.036)	0.177*** (0.027)	-0.045 (0.079)	0.036 (0.033)	0.025 (0.026)	0.208** (0.096)	0.206*** (0.071)	0.165** (0.067)
Toilet: pit	0.026 (0.022)	0.035* (0.020)	0.075*** (0.021)	0.022 (0.030)	0.054*** (0.021)	0.051*** (0.018)	0.018 (0.045)	0.072* (0.038)	0.077* (0.041)
Floor: finished	-0.000 (0.076)	0.025 (0.048)	0.042 (0.043)	0.058* (0.034)	0.039* (0.022)	0.037* (0.021)	0.053 (0.246)	0.174 (0.240)	0.406** (0.205)
Wall: finished	0.027 (0.037)	-0.006 (0.028)	0.007 (0.026)	0.030 (0.030)	0.019 (0.020)	0.019 (0.017)	0.000 (0.032)	0.094*** (0.025)	0.084*** (0.024)
Roof: finished	0.052 (0.036)	0.043 (0.035)	0.048 (0.030)	-0.000 (0.027)	0.009 (0.019)	0.007 (0.019)	-0.386** (0.167)	-0.573*** (0.130)	-0.426* (0.243)
Persons per room	-0.038*** (0.009)	-0.036*** (0.008)	-0.035*** (0.008)	-0.001 (0.006)	-0.016*** (0.006)	-0.020*** (0.007)	-0.035*** (0.007)	-0.030*** (0.007)	-0.031*** (0.006)
Separate room for kitchen	0.000 (.)	0.000 (.)	0.000 (.)	0.000 (.)	0.000 (.)	0.000 (.)	0.003 (0.030)	0.007 (0.025)	0.009 (0.024)
Fuel: electricity gas or kerosene	-0.011 (0.044)	0.002 (0.031)	-0.004 (0.024)	0.034 (0.117)	-0.092 (0.197)	0.101 (0.079)	0.100 (0.110)	0.140 (0.102)	0.092 (0.083)
Fuel: charcoal	0.000 (.)	0.157*** (0.052)	0.066 (0.049)	-0.181* (0.093)	0.040 (0.040)	0.106*** (0.025)	0.144* (0.078)	0.139** (0.055)	0.101** (0.040)
Has electricity	0.047** (0.023)	0.060*** (0.019)	0.068*** (0.020)	-0.154 (0.103)	-0.037 (0.045)	-0.056* (0.030)	-0.051 (0.125)	0.007 (0.062)	0.015 (0.058)
Has radio	0.017 (0.019)	0.015 (0.015)	0.017 (0.014)	0.052** (0.022)	0.066*** (0.016)	0.076*** (0.015)	0.099*** (0.028)	0.128*** (0.022)	0.148*** (0.019)
Has television	0.010 (0.039)	-0.003 (0.026)	0.004 (0.027)	0.096 (0.135)	-0.012 (0.053)	0.085** (0.039)	-0.002 (0.167)	0.132 (0.095)	0.174*** (0.054)
Has fridge or freezer	0.079* (0.041)	0.048* (0.025)	0.025 (0.020)	0.363** (0.167)	0.044 (0.045)	0.023 (0.036)	0.000 (.)	0.000 (.)	0.000 (.)
Has bicycle	0.014 (0.019)	0.002 (0.016)	-0.022 (0.016)	0.071*** (0.026)	0.034* (0.019)	0.046*** (0.016)	0.045* (0.026)	0.050** (0.024)	0.057** (0.023)
Has motorbike	0.038** (0.019)	0.050*** (0.016)	0.042*** (0.016)	-0.123 (0.085)	0.027 (0.053)	0.029 (0.031)	0.114 (0.088)	0.116** (0.051)	0.128*** (0.035)
Has car or truck	0.081 (0.058)	0.070** (0.034)	0.082*** (0.030)	0.000 (.)	0.073 (0.102)	-0.084 (0.095)	0.000 (.)	0.229** (0.109)	0.100 (0.104)
Has telephone (owns)	-0.273 (0.223)	-0.211 (0.212)	-0.049 (0.177)	0.000 (.)	0.171*** (0.060)	0.169** (0.076)	0.000 (.)	0.000 (.)	0.000 (.)
Has mobile phone (owns)	0.078*** (0.020)	0.090*** (0.019)	0.114*** (0.020)	0.061*** (0.021)	0.132*** (0.018)	0.161*** (0.019)	0.051* (0.029)	0.070*** (0.024)	0.117*** (0.023)
Has computer	-0.110 (0.248)	0.072 (0.071)	0.010 (0.051)	0.625*** (0.085)	0.230* (0.123)	0.230* (0.123)	-0.045 (0.096)	-0.265*** (0.079)	-0.202 (0.202)
Has video player	0.046 (0.035)	0.066*** (0.024)	0.071*** (0.023)	0.024 (0.113)	0.069 (0.053)	0.004 (0.037)	0.000 (.)	0.000 (.)	0.000 (.)
Has any type of stove	0.007 (0.029)	0.050** (0.023)	0.082*** (0.021)	0.035 (0.035)	0.063*** (0.024)	0.091*** (0.020)	-0.057** (0.026)	-0.031 (0.022)	-0.008 (0.022)
Has sewing machine	0.039	0.000	0.009	0.041	0.035	0.006	0.000	0.000	0.000

Has air conditioner or fan	(0.029)	(0.023)	(0.022)	(0.069)	(0.028)	(0.025)	(.)	(.)	(.)
	0.037	0.043**	0.046**	-0.320***	-0.058	-0.126***	0.000	0.000	0.000
	(0.027)	(0.021)	(0.021)	(0.116)	(0.057)	(0.037)	(.)	(.)	(.)
Has iron	0.044*	0.048**	0.043**	0.076**	0.062***	0.084***	0.035	0.047	-0.008
	(0.026)	(0.019)	(0.018)	(0.035)	(0.023)	(0.020)	(0.052)	(0.054)	(0.049)
Has satellite dish	0.051	0.013	0.058*	0.000	0.000	0.000	0.000	0.000	0.000
	(0.062)	(0.044)	(0.034)	(.)	(.)	(.)	(.)	(.)	(.)
Has electric generator	0.021	0.052**	0.046**	0.000	0.000	0.000	0.000	0.408***	0.215***
	(0.029)	(0.021)	(0.019)	(.)	(.)	(.)	(.)	(0.130)	(0.075)
Household owns dwelling	-0.010	0.012	0.015	-0.047	0.007	0.012	-0.069*	-0.006	-0.017
	(0.032)	(0.024)	(0.023)	(0.034)	(0.024)	(0.021)	(0.041)	(0.037)	(0.035)
Urban area	-0.000	0.045**	0.046**	0.061	0.019	0.039*	0.056	0.045	0.057
	(0.029)	(0.022)	(0.019)	(0.048)	(0.029)	(0.022)	(0.049)	(0.044)	(0.039)
Female head	-0.099	-0.038	0.009	0.060	0.037	-0.008	0.027	-0.007	-0.069**
	(0.193)	(0.121)	(0.089)	(0.047)	(0.033)	(0.031)	(0.038)	(0.034)	(0.030)
Head has at least primary education	0.017	0.004	0.031	0.065	0.042	0.032	0.003	0.002	-0.055*
	(0.027)	(0.021)	(0.020)	(0.044)	(0.026)	(0.021)	(0.043)	(0.034)	(0.029)
Head has at least secondary education	0.002	0.027	0.020	0.214	-0.252*	-0.045	-0.071	-0.090	-0.025
	(0.028)	(0.024)	(0.022)	(0.179)	(0.136)	(0.080)	(0.074)	(0.058)	(0.046)
Max education at least primary education	0.064**	0.038	0.033	0.038	0.050*	0.027	0.030	0.026	0.098***
	(0.030)	(0.026)	(0.025)	(0.034)	(0.026)	(0.023)	(0.038)	(0.031)	(0.030)
Max education at least secondary education	-0.016	-0.002	-0.009	0.000	0.030	-0.005	0.065	0.138***	0.092***
	(0.027)	(0.022)	(0.022)	(.)	(0.054)	(0.061)	(0.050)	(0.043)	(0.034)
Divorced or separated head	-0.380**	-0.178*	-0.099	-0.105	-0.048	-0.055	-0.174	-0.122	-0.067
	(0.174)	(0.106)	(0.067)	(0.121)	(0.072)	(0.062)	(0.131)	(0.090)	(0.076)
Widowed head	-0.062	-0.072	-0.114**	-0.095	-0.017	-0.028	-0.193	-0.213	-0.183
	(0.083)	(0.048)	(0.056)	(0.110)	(0.085)	(0.069)	(0.171)	(0.157)	(0.139)
Never married head	0.368***	-0.072	-0.036	0.098	0.109	0.003	-0.111	-0.037	-0.132
	(0.094)	(0.083)	(0.069)	(0.125)	(0.077)	(0.069)	(0.122)	(0.099)	(0.098)
Widowed female head	0.070	0.060	0.057	0.029	-0.007	-0.019	0.168	0.120	0.117
	(0.208)	(0.134)	(0.108)	(0.130)	(0.099)	(0.078)	(0.178)	(0.169)	(0.151)
Divorced female head	0.336	0.115	0.027	-0.008	-0.075	-0.000	0.173	0.127	0.066
	(0.281)	(0.189)	(0.138)	(0.136)	(0.084)	(0.073)	(0.153)	(0.107)	(0.087)
Never married female head	-0.525**	0.039	0.130	-0.073	-0.194*	-0.048	0.112	0.098	0.132
	(0.206)	(0.282)	(0.157)	(0.154)	(0.113)	(0.104)	(0.199)	(0.166)	(0.142)
Head worked in a paid job (last week)	0.045	0.078***	0.094***	-0.011	0.005	0.021	-0.043	-0.012	-0.004
	(0.027)	(0.022)	(0.023)	(0.045)	(0.031)	(0.026)	(0.036)	(0.029)	(0.027)
Head worked in own non-farm enterprise	0.027	0.055***	0.059***	-0.033	0.033	0.034	-0.008	0.018	0.025
	(0.019)	(0.018)	(0.016)	(0.047)	(0.028)	(0.021)	(0.028)	(0.024)	(0.023)
Head works daily in current job	-0.002	0.000	0.032	-0.003	-0.005	-0.024	0.009	0.016	0.027
	(0.024)	(0.024)	(0.025)	(0.030)	(0.024)	(0.022)	(0.030)	(0.026)	(0.021)
Muslim	-0.116**	-0.017	-0.036	0.000	0.000	0.000	0.000	0.000	0.000
	(0.055)	(0.049)	(0.043)	(.)	(.)	(.)	(.)	(.)	(.)

Christian	-0.070 (0.051)	-0.027 (0.042)	-0.056 (0.037)	0.000 (.)	0.000 (.)	0.000 (.)	0.000 (.)	0.000 (.)	0.000 (.)
HH share: girls 5 and under	0.015 (0.079)	-0.145** (0.071)	-0.151** (0.065)	-0.158 (0.114)	-0.214*** (0.076)	-0.252*** (0.071)	0.177 (0.110)	0.313*** (0.112)	0.173* (0.091)
HH share: boys 5 and under	-0.164** (0.074)	-0.306*** (0.068)	-0.353*** (0.068)	-0.074 (0.130)	-0.182** (0.088)	-0.223*** (0.080)	0.166 (0.126)	0.138 (0.109)	-0.051 (0.093)
HH share: girls 6 to 14	0.072 (0.076)	-0.116* (0.061)	-0.105* (0.059)	-0.015 (0.101)	-0.063 (0.070)	-0.160*** (0.061)	0.011 (0.114)	0.105 (0.084)	0.120 (0.074)
HH share: boys 6 to 14	-0.186** (0.078)	-0.200*** (0.065)	-0.229*** (0.060)	-0.007 (0.100)	-0.067 (0.080)	-0.157** (0.065)	0.147 (0.113)	0.216** (0.088)	0.206*** (0.079)
HH share: women 65 and over	-0.082 (0.164)	-0.029 (0.120)	-0.150 (0.100)	0.018 (0.177)	0.013 (0.126)	-0.043 (0.098)	-0.153 (0.222)	-0.330** (0.144)	-0.261 (0.169)
HH share: men 65 and over	0.057 (0.138)	0.026 (0.108)	0.126 (0.091)	0.039 (0.212)	-0.089 (0.134)	-0.100 (0.115)	0.046 (0.248)	0.040 (0.172)	0.029 (0.146)
HH share: widows	0.007 (0.163)	-0.039 (0.154)	0.252** (0.105)	-0.041 (0.197)	-0.191 (0.137)	0.098 (0.101)	-0.025 (0.301)	0.192 (0.209)	0.343* (0.197)
HH share: disabled men 15+	0.162 (0.169)	-0.147 (0.164)	-0.132 (0.134)	-0.352* (0.210)	-0.365** (0.174)	-0.301* (0.178)	0.408 (0.378)	0.086 (0.304)	0.089 (0.351)
HH share: disabled women 15+	-0.561* (0.305)	0.118 (0.183)	0.101 (0.130)	-0.065 (0.167)	-0.051 (0.131)	-0.017 (0.084)	-0.065 (0.271)	-0.163 (0.211)	-0.100 (0.297)
HH share: orphan boys less than 15	0.206 (0.564)	0.670 (0.870)	0.324 (0.759)	0.187 (0.465)	0.392 (0.329)	0.047 (0.266)	0.142 (0.634)	0.766* (0.403)	0.969*** (0.316)
HH share: orphan girls less than 15	-0.510 (0.476)	-0.396 (0.495)	0.322 (0.371)	-0.785 (0.525)	-0.899 (0.606)	-0.156 (0.380)	0.857** (0.430)	0.276 (0.341)	0.150 (0.378)
R ²	0.306	0.412	0.497	0.226	0.246	0.320	0.283	0.325	0.369
N	1310	2222	2908	842	1768	2767	740	1256	1799

Note: Robust standard errors in parentheses. Standard errors are clustered at the PSU. The dependent variable is consumption per capita. A linear probability model is used for estimation. Only the bottom 60 percent of households are included in the regression. All regressions include dummies for household size (in intervals 1, 3, 5, 7 and 9 or more); the age of the household head (in five year intervals starting at age 15); the state (or region) in which the household resides; and the month the household was surveyed in.

* p<.10 ** p<.05 *** p<.01

Table A16: Targeting Errors for Extended PMT using Quantile Regression Centered at the Poverty Line

	Inclusion Error (IER)	Exclusion Error (EER)	Inclusion Error (IER)	Exclusion Error (EER)	Targeting Error (TER)	Targeting Error (TER)
	Fixed poverty line			Fixed poverty rate		
	$z = F^{-1}(0.2)$		$z = F^{-1}(0.4)$		$H = 0.2$	$H = 0.4$
Burkina Faso	0.554	0.164	0.286	0.177	0.431	0.247
Ethiopia	0.655	0.221	0.414	0.264	0.536	0.379
Ghana	0.493	0.166	0.253	0.208	0.381	0.237
Malawi	0.565	0.203	0.314	0.203	0.458	0.276
Mali	0.581	0.137	0.325	0.121	0.477	0.273
Niger	0.631	0.232	0.364	0.204	0.485	0.319
Nigeria	0.448	0.111	0.238	0.160	0.307	0.194
Tanzania	0.569	0.147	0.305	0.160	0.435	0.261
Uganda	0.606	0.130	0.335	0.145	0.434	0.276
Mean	0.588	0.174	0.334	0.201	0.450	0.292

Note: Errors are calculated using the predicted values from the regressions using Extended PMT variables. A quantile regression centered at the poverty line at the 20th and 40th percentile for the first and second two columns respectively is used to estimate the model. Definitions of the various error rates can be found in the text. Statistics are household weighted.

Table A17: Targeting Errors for Extended PMT using a Poverty-Weighted Regression (Poor Only)

	Inclusion Error (IER)	Exclusion Error (EER)	Inclusion Error (IER)	Exclusion Error (EER)	Targeting Error (TER)	Targeting Error (TER)
	Fixed poverty line			Fixed poverty rate		
	$z = F^{-1}(0.2)$		$z = F^{-1}(0.4)$		$H = 0.2$	$H = 0.4$
Burkina Faso	0.759	0.003	0.522	0.002	0.522	0.277
Ethiopia	0.796	0.007	0.594	0.002	0.709	0.449
Ghana	0.761	0.017	0.566	0.008	0.550	0.306
Malawi	0.772	0.000	0.561	0.000	0.575	0.327
Mali	0.717	0.010	0.508	0.010	0.558	0.312
Niger	0.772	0.007	0.573	0.003	0.575	0.382
Nigeria	0.668	0.020	0.472	0.018	0.434	0.251
Tanzania	0.777	0.007	0.544	0.005	0.641	0.300
Uganda	0.762	0.008	0.520	0.004	0.515	0.314
Mean	0.769	0.009	0.556	0.005	0.600	0.348

Note: Errors are calculated using the predicted values from the regressions given in Tables A13 and A14 with full weight on the bottom 20 and 40 percentiles for the first and second two columns respectively. Statistics are household weighted.

Table A18: Targeting Errors for Extended PMT using a Poverty-Weighted Regression (Poor + 20)

	Inclusion Error	Exclusion Error	Inclusion Error	Exclusion Error	Targeting Error	Targeting Error
	(IER)	(EER)	(IER)	(EER)	(TER)	(TER)
	Fixed poverty line				Fixed poverty rate	
	$z = F^{-1}(0.2)$		$z = F^{-1}(0.4)$		$H = 0.2$	$H = 0.4$
Burkina Faso	0.552	0.187	0.371	0.071	0.442	0.255
Ethiopia	0.707	0.156	0.540	0.045	0.596	0.406
Ghana	0.526	0.184	0.382	0.080	0.407	0.257
Malawi	0.603	0.199	0.429	0.062	0.478	0.287
Mali	0.589	0.204	0.397	0.057	0.490	0.281
Niger	0.668	0.159	0.463	0.036	0.518	0.333
Nigeria	0.439	0.146	0.334	0.092	0.319	0.217
Tanzania	0.581	0.165	0.386	0.078	0.441	0.269
Uganda	0.624	0.168	0.410	0.080	0.448	0.296
Mean	0.625	0.166	0.448	0.066	0.479	0.311

Note: Errors are calculated using the predicted values from the regressions given in Tables A14 and A15 with full weight on the bottom 40 and 60 percentiles for the first and second two columns respectively. Statistics are household weighted.

Table A19: Stepwise Regression Results for Extended PMT Variables (p = 0.01)

	Burkina Faso	Ethiopia	Ghana	Malawi	Mali	Niger	Nigeria	Tanzania	Uganda
Never married head	0.118*** (0.027)	-0.125*** (0.047)	-0.145*** (0.044)	0.164*** (0.045)				0.166*** (0.033)	
Water: well or outside pipe	-0.129*** (0.017)								
Divorced female head	-0.220*** (0.073)								
HH share: women 65 and over	-0.272*** (0.052)							-0.181*** (0.059)	
Floor: finished	0.159*** (0.026)	0.303*** (0.049)	0.163*** (0.041)	0.130*** (0.020)	0.091*** (0.033)		0.228*** (0.057)	0.085*** (0.018)	0.579*** (0.157)
Wall: finished	-0.067*** (0.021)								0.189*** (0.030)
HH share: men 65 and over	-0.244*** (0.069)			-0.233*** (0.085)		-0.256*** (0.097)		-0.286*** (0.090)	
Persons per room	-0.006*** (0.002)			-0.039*** (0.006)	-0.040*** (0.007)	-0.040*** (0.006)	-0.040*** (0.008)		-0.040*** (0.007)
HH share: boys 5 and under	-0.423*** (0.038)	-0.410*** (0.091)	-0.405*** (0.090)	-0.190*** (0.052)		-0.127*** (0.043)	-0.369*** (0.073)	-0.549*** (0.062)	-0.291*** (0.089)
Fuel: electricity gas or kerosene	0.165*** (0.020)		0.190*** (0.056)	0.374*** (0.062)		0.154*** (0.038)		0.262*** (0.044)	
Fuel: charcoal	0.068*** (0.019)		0.168*** (0.038)	0.211*** (0.028)				0.136*** (0.025)	0.163*** (0.037)
Has electricity	0.082*** (0.019)	0.156*** (0.035)	0.113*** (0.035)		0.119*** (0.039)	0.173*** (0.027)	0.074*** (0.025)		0.223*** (0.051)
Has radio	0.045*** (0.008)	0.114*** (0.024)		0.135*** (0.014)	0.087*** (0.022)	0.066*** (0.012)		0.102*** (0.014)	0.200*** (0.023)
Has television	0.080*** (0.015)			0.111*** (0.034)	0.106*** (0.032)	0.133*** (0.023)		0.138*** (0.023)	0.214*** (0.048)
Has fridge or freezer	0.131*** (0.020)		0.136*** (0.029)	0.125*** (0.034)	0.225*** (0.043)	0.110*** (0.024)	0.115*** (0.022)	0.077*** (0.024)	
Has bicycle	-0.068*** (0.013)	0.162*** (0.052)		0.080*** (0.016)					
Has motorbike	0.243*** (0.010)		0.136*** (0.042)	0.314*** (0.063)	0.125*** (0.024)	0.156*** (0.017)	0.047*** (0.017)	0.193*** (0.030)	0.207*** (0.036)
Has car or truck	0.300*** (0.027)		0.300*** (0.055)	0.561*** (0.070)	0.299*** (0.053)	0.286*** (0.030)	0.215*** (0.027)	0.409*** (0.042)	0.445*** (0.071)
Has mobile phone (owns)	0.159*** (0.014)	0.274*** (0.025)	0.127*** (0.025)	0.225*** (0.018)	0.091*** (0.027)	0.107*** (0.016)	0.168*** (0.024)	0.285*** (0.019)	0.263*** (0.026)
Has computer	0.111*** (0.020)			0.208*** (0.043)	0.326*** (0.058)	0.122*** (0.037)	0.151*** (0.038)	0.211*** (0.043)	0.227*** (0.073)
Has video player	0.077*** (0.014)	0.176*** (0.033)		0.118*** (0.034)	0.084*** (0.030)		0.117*** (0.019)		
Has any type of stove	0.098*** (0.017)	0.138*** (0.039)	0.132*** (0.039)	0.114*** (0.037)	0.237*** (0.071)		0.083*** (0.022)	0.149*** (0.019)	
Christian	-0.044*** (0.011)		0.090*** (0.028)				-0.100*** (0.022)		

Has iron	0.092*** (0.018)		0.127*** (0.032)	0.154*** (0.021)	0.090*** (0.029)	0.093*** (0.018)	0.065*** (0.022)	0.111*** (0.017)	0.099*** (0.036)
Has satellite dish	0.072*** (0.017)				0.154*** (0.033)				
Has electric generator	0.188*** (0.054)					0.126*** (0.038)	0.082*** (0.019)		0.265*** (0.102)
HH share: girls 6 to 14	-0.411*** (0.033)					-0.134*** (0.043)	-0.254*** (0.059)	-0.436*** (0.058)	
Urban area	-0.050*** (0.017)		0.338*** (0.055)	-0.253*** (0.023)		0.102*** (0.027)	0.082*** (0.027)	0.064*** (0.022)	
Household size logged	-0.490*** (0.012)	-0.448*** (0.023)	-0.625*** (0.021)	-0.642*** (0.017)	-0.556*** (0.019)	-0.406*** (0.012)	-0.430*** (0.018)	-0.406*** (0.019)	-0.466*** (0.022)
Age of head	-0.001*** (0.000)								0.014*** (0.004)
HH share: widows	-0.386*** (0.042)	-0.505*** (0.129)		-0.217*** (0.065)		-0.299*** (0.087)			
HH share: girls 5 and under	-0.452*** (0.038)	-0.223*** (0.078)	-0.461*** (0.077)	-0.200*** (0.056)		-0.165*** (0.043)	-0.225*** (0.069)	-0.547*** (0.059)	
Head has at least primary education	0.039*** (0.011)	0.165*** (0.031)				0.081*** (0.014)	0.053*** (0.020)		
HH share: boys 6 to 14	-0.445*** (0.033)						-0.418*** (0.057)	-0.280*** (0.066)	
Divorced or separated head	0.165*** (0.048)	-0.208*** (0.035)							
Widowed female head		0.337*** (0.113)				0.324*** (0.084)			
Widowed head		-0.335*** (0.100)				-0.304*** (0.080)			
Head worked in a paid job (last week)		-0.126*** (0.022)		-0.060*** (0.017)			0.135*** (0.025)		
Muslim		0.149*** (0.034)		-0.114*** (0.030)					
Toilet: flush			-0.335*** (0.055)	0.360*** (0.048)		0.281*** (0.031)	0.231*** (0.029)	0.095*** (0.023)	
Toilet: pit			-0.262*** (0.038)	0.104*** (0.026)		0.065*** (0.023)	0.081*** (0.023)	0.096*** (0.018)	0.156*** (0.041)
Age of head squared			-0.000*** (0.000)				-0.000*** (0.000)		-0.000*** (0.000)
Head worked in own non-farm enterprise			0.123*** (0.024)	0.062*** (0.017)	0.092*** (0.025)	0.038*** (0.012)	0.093*** (0.019)	0.068*** (0.018)	
Max education at least primary education			0.132*** (0.031)	0.067*** (0.019)	0.108*** (0.025)				
Head works daily in current job				0.069*** (0.018)					
HH share: disabled men 15+					1.137***		-0.426***		

					(0.248)		(0.116)		
HH share: disabled women 15+					1.140*** (0.278)				
Roof: finished						0.108*** (0.021)			
Has sewing machine						-0.077*** (0.028)			
Has air conditioner or fan						0.132*** (0.024)	0.064*** (0.023)		
HH share: orphan boys less than 15							0.738*** (0.185)		
Head has at least secondary education								0.172*** (0.041)	
Water: piped									0.118*** (0.031)
Max education at least secondary education									0.152*** (0.026)
Female head									-0.071*** (0.022)
Constant	13.384*** (0.043)	8.773*** (0.049)	7.302*** (0.056)	12.377*** (0.041)	13.223*** (0.048)	12.923*** (0.029)	11.832*** (0.045)	13.621*** (0.028)	12.571*** (0.122)
R ²	0.686	0.343	0.549	0.677	0.544	0.700	0.604	0.632	0.554
N	10378	5047	4617	3952	3240	3859	3741	4775	2671

Note: Robust standard errors in parentheses. Standard errors are clustered at the PSU. The dependent variable is consumption per capita. A linear probability model is used for estimation. Household size and age of household head are included as continuous variables. Month and state of residence are excluded. A cutoff point at $p = 0.01$ and a backwards selection method was used to estimate the model.

* $p < .10$ ** $p < .05$ *** $p < .01$

Table A20: Targeting Errors for Stepwise Regression (p=0.01)

	Inclusion Error (IER)	Exclusion Error (EER)	Inclusion Error (IER)	Exclusion Error (EER)	Targeting Error (TER)	Targeting Error (TER)
	Fixed poverty line		Fixed poverty rate			
	$z = F^{-1}(0.2)$		$z = F^{-1}(0.4)$		$H = 0.2$	$H = 0.4$
Burkina Faso	0.426	0.682	0.274	0.332	0.472	0.292
Ethiopia	0.457	0.905	0.389	0.427	0.543	0.404
Ghana	0.335	0.516	0.208	0.336	0.393	0.250
Malawi	0.362	0.624	0.274	0.297	0.452	0.278
Mali	0.318	0.731	0.294	0.285	0.453	0.295
Niger	0.383	0.741	0.316	0.353	0.502	0.330
Nigeria	0.311	0.459	0.196	0.249	0.363	0.213
Tanzania	0.386	0.585	0.281	0.269	0.452	0.278
Uganda	0.419	0.580	0.285	0.277	0.468	0.282
Mean	0.375	0.679	0.298	0.334	0.468	0.311

Note: Errors are calculated using the predicted values from the backwards stepwise regression with the cutoff at $p = 0.05$ in Table A18. Statistics are household weighted.

Table A21: Descriptive Statistics for Shock-related and Food Security Variables

	Burkina Faso	Ethiopia	Malawi	Niger	Nigeria	Tanzania	Uganda	Mean
<i>Shocks</i>								
Death of a primary income earner	0.014	0.009	0.032	0.024	0.074	0.084	0.006	0.030
Death of other household member	0.018	0.014	0.058	0.046		0.279	0.011	0.059
Job loss from wage or salary earner	0.007	0.009	0.040	0.005	0.010	0.061	0.002	0.018
Conflict or violence	0.010	0.003	0.075	0.014	0.009	0.060	0.015	0.019
Drought	0.352	0.075	0.288	0.242	0.024	0.251	0.180	0.132
Flood	0.031	0.019	0.125	0.060	0.053	0.251	0.051	0.071
Unexpected death of livestock	0.117	0.031	0.185	0.040	0.013	0.130	0.023	0.053
<i>Food security</i>								
Worry that household would not have enough food	0.213	0.138	0.365	0.243		0.327		0.141
Rely on less preferred foods	0.143	0.186	0.382	0.212	0.433	0.273		0.192
Limit the portion size at meal times	0.152	0.136	0.301	0.188	0.281	0.128		0.129
Reduce the number of meals eaten	0.118	0.127	0.235	0.134	0.253	0.205		0.129
Restrict adult consumption	0.098	0.070	0.122	0.096	0.092	0.057		0.058
Borrow food from friend or relative	0.052	0.049	0.189	0.088	0.071	0.097		0.057

Note: Means are adjusted by their household weights. All variables are indicator variables. Household shock variables are missing for Ghana and Mali. Food security variables are missing for Ghana, Mali and Uganda.

Table A22: Regression Results for Extended PMT with Household Shocks and Food Security Variables

	Burkina Faso	Ethiopia	Malawi	Niger	Nigeria	Tanzania	Uganda
Water: piped	0.010 (0.017)	0.103*** (0.039)	0.024 (0.027)	0.031 (0.022)	-0.015 (0.034)	-0.001 (0.020)	0.105*** (0.032)
Water: well or outside pipe	-0.104*** (0.016)	0.025 (0.039)	-0.003 (0.026)	-0.014 (0.026)	-0.034 (0.021)	-0.044** (0.020)	-0.041* (0.022)
Toilet: flush	0.068** (0.030)	0.088 (0.054)	0.328*** (0.050)	0.214*** (0.036)	0.223*** (0.032)	0.131*** (0.023)	0.160* (0.086)
Toilet: pit	0.054*** (0.010)	-0.010 (0.034)	0.074*** (0.026)	0.063*** (0.023)	0.074*** (0.022)	0.110*** (0.018)	0.083* (0.046)
Floor: finished	0.133*** (0.027)	0.157*** (0.056)	0.105*** (0.018)	0.076* (0.039)	0.168*** (0.044)	0.076*** (0.019)	0.552*** (0.167)
Wall: finished	-0.060*** (0.019)	-0.076* (0.042)	0.049*** (0.018)	-0.036 (0.036)	-0.007 (0.024)	0.010 (0.019)	0.105*** (0.030)
Roof: finished	0.048 (0.058)	0.050 (0.035)	-0.012 (0.100)	0.108*** (0.020)	0.035 (0.026)	0.009 (0.021)	-0.196 (0.180)
Persons per room	-0.020*** (0.002)	0.002 (0.009)	-0.045*** (0.006)	-0.040*** (0.005)	-0.048*** (0.008)	-0.033*** (0.008)	-0.052*** (0.007)
Separate room for kitchen	0.020** (0.009)	-0.003 (0.033)	0.000 (.)	0.000 (.)	0.000 (.)	0.000 (.)	0.027 (0.026)
Fuel: electricity gas or kerosene	0.166*** (0.022)	-0.030 (0.042)	0.310*** (0.065)	0.125** (0.053)	0.036 (0.025)	0.243*** (0.043)	0.307*** (0.109)
Fuel: charcoal	0.085*** (0.019)	0.100 (0.097)	0.169*** (0.029)	0.083** (0.037)	0.040 (0.048)	0.129*** (0.025)	0.221*** (0.037)
Has electricity	0.095*** (0.018)	0.132*** (0.039)	0.076** (0.035)	0.156*** (0.027)	0.070*** (0.022)	-0.012 (0.024)	0.144*** (0.052)
Has radio	0.047*** (0.008)	0.107*** (0.024)	0.115*** (0.015)	0.074*** (0.013)	0.031** (0.014)	0.085*** (0.014)	0.154*** (0.021)
Has television	0.064*** (0.015)	0.104** (0.043)	0.058* (0.035)	0.093*** (0.024)	-0.006 (0.027)	0.082** (0.033)	0.183*** (0.047)
Has fridge or freezer	0.104*** (0.021)	0.157*** (0.051)	0.044 (0.041)	0.087*** (0.026)	0.104*** (0.022)	0.061** (0.024)	0.000 (.)
Has bicycle	-0.022** (0.011)	0.119** (0.051)	0.042** (0.016)	0.022 (0.024)	-0.034* (0.019)	0.026 (0.016)	0.075*** (0.024)
Has motorbike	0.227*** (0.009)	0.064 (0.065)	0.252*** (0.062)	0.138*** (0.016)	0.042*** (0.016)	0.169*** (0.030)	0.162*** (0.036)
Has car or truck	0.277*** (0.028)	0.201*** (0.074)	0.491*** (0.064)	0.251*** (0.036)	0.185*** (0.026)	0.375*** (0.041)	0.363*** (0.066)
Has telephone (owns)	0.102*** (0.030)	-0.051 (0.037)	0.000 (.)	0.091* (0.049)	-0.025 (0.143)	0.148* (0.082)	0.000 (.)
Has mobile phone (owns)	0.136*** (0.012)	0.214*** (0.025)	0.206*** (0.018)	0.098*** (0.014)	0.156*** (0.021)	0.224*** (0.019)	0.196*** (0.026)
Has computer	0.099*** (0.021)	0.000 (.)	0.180*** (0.046)	0.080** (0.038)	0.108*** (0.041)	0.126*** (0.041)	0.197*** (0.074)
Has video player	0.060*** (0.014)	0.095** (0.039)	0.106*** (0.033)	0.019 (0.023)	0.096*** (0.023)	0.045 (0.028)	0.000 (.)
Has any type of stove	0.064*** (0.017)	0.162*** (0.039)	0.049 (0.039)	0.022 (0.025)	0.067*** (0.022)	0.106*** (0.019)	-0.003 (0.024)
Has sewing machine	0.000 (.)	-0.113* (0.066)	-0.045 (0.035)	-0.084*** (0.028)	0.007 (0.022)	-0.040* (0.023)	0.000 (.)
Has air conditioner or fan	0.026 (0.019)	0.000 (.)	0.055* (0.033)	0.109*** (0.024)	0.068*** (0.021)	0.027 (0.026)	0.000 (.)
Has iron	0.065***	0.000	0.135***	0.098***	0.057***	0.075***	0.102***

	(0.016)	(.)	(0.021)	(0.018)	(0.020)	(0.017)	(0.036)
Has satellite dish	0.035**	-0.056	0.056	0.038	0.086**	0.000	0.000
	(0.017)	(0.043)	(0.041)	(0.032)	(0.037)	(.)	(.)
Has electric generator	0.181***	0.168	0.158**	0.083**	0.058***	0.000	0.333***
	(0.045)	(0.140)	(0.062)	(0.042)	(0.019)	(.)	(0.113)
Household owns dwelling	-0.025*	-0.029	-0.018	-0.001	-0.002	-0.002	0.056
	(0.013)	(0.031)	(0.019)	(0.018)	(0.022)	(0.018)	(0.036)
Urban area	-0.034**	-0.059	-0.193***	0.083***	0.055**	0.027	0.118***
	(0.014)	(0.051)	(0.029)	(0.030)	(0.022)	(0.022)	(0.034)
Female head	-0.021	0.064	0.045	0.048	0.013	0.034	-0.036
	(0.019)	(0.044)	(0.031)	(0.039)	(0.080)	(0.036)	(0.032)
Head has at least primary education	0.038***	0.114***	0.006	0.068***	0.034	0.047**	0.026
	(0.012)	(0.042)	(0.027)	(0.015)	(0.021)	(0.019)	(0.032)
Head has at least secondary education	0.016	0.022	-0.019	0.045*	0.052**	0.168**	-0.056
	(0.016)	(0.049)	(0.033)	(0.026)	(0.022)	(0.076)	(0.044)
Max education at least primary education	-0.001	0.040	0.040	0.008	0.036	0.016	0.044
	(0.011)	(0.033)	(0.026)	(0.016)	(0.026)	(0.025)	(0.031)
Max education at least secondary education	0.012	-0.016	0.022	-0.008	-0.033	-0.013	0.168***
	(0.010)	(0.039)	(0.030)	(0.021)	(0.022)	(0.069)	(0.038)
Divorced or separated head	0.179***	-0.147**	0.244***	-0.020	0.131*	0.127***	-0.115*
	(0.049)	(0.072)	(0.057)	(0.071)	(0.076)	(0.046)	(0.065)
Widowed head	0.024	-0.210**	0.061	-0.210***	0.022	-0.045	-0.134
	(0.036)	(0.091)	(0.060)	(0.074)	(0.058)	(0.059)	(0.112)
Never married head	0.152***	-0.045	0.294***	-0.041	0.183***	0.263***	0.066
	(0.032)	(0.053)	(0.064)	(0.041)	(0.058)	(0.046)	(0.099)
Widowed female head	0.016	0.126	-0.144*	0.154*	-0.082	-0.020	0.055
	(0.045)	(0.113)	(0.078)	(0.080)	(0.106)	(0.075)	(0.127)
Divorced female head	-0.185***	-0.050	-0.275***	-0.033	-0.123	-0.158**	0.104
	(0.067)	(0.089)	(0.068)	(0.089)	(0.125)	(0.064)	(0.081)
Never married female head	-0.146**	-0.064	-0.050	0.152	-0.125	-0.150**	-0.178
	(0.068)	(0.078)	(0.101)	(0.101)	(0.124)	(0.072)	(0.144)
Head worked in a paid job (last week)	0.037*	-0.085***	-0.047***	0.021	0.100***	0.027	-0.027
	(0.020)	(0.023)	(0.017)	(0.018)	(0.023)	(0.026)	(0.025)
Head worked in own non-farm enterprise	0.047***	-0.004	0.054***	0.041***	0.061***	0.085***	0.034
	(0.015)	(0.025)	(0.017)	(0.013)	(0.017)	(0.020)	(0.023)
Head works daily in current job	-0.030	-0.011	0.066***	-0.039	0.046*	0.009	0.062***
	(0.025)	(0.026)	(0.019)	(0.029)	(0.027)	(0.021)	(0.023)
Muslim	0.012	0.259**	-0.130***	0.000	-0.034	0.000	0.000
	(0.017)	(0.110)	(0.050)	(.)	(0.052)	(.)	(.)
Christian	0.003	0.178*	-0.016	0.000	-0.056	0.000	0.000
	(0.017)	(0.105)	(0.041)	(.)	(0.048)	(.)	(.)
HH share: girls 5 and under	-0.481***	-0.380***	-0.214***	-0.276***	-0.229***	-0.582***	0.112
	(0.035)	(0.094)	(0.071)	(0.048)	(0.066)	(0.066)	(0.104)
HH share: boys 5 and under	-0.465***	-0.570***	-0.212***	-0.237***	-0.323***	-0.560***	-0.143
	(0.036)	(0.097)	(0.068)	(0.051)	(0.074)	(0.071)	(0.090)
HH share: girls 6 to 14	-0.414***	-0.192**	-0.210***	-0.225***	-0.247***	-0.471***	0.009
	(0.032)	(0.076)	(0.068)	(0.047)	(0.058)	(0.057)	(0.085)
HH share: boys 6 to 14	-0.450***	-0.224***	-0.203***	-0.189***	-0.374***	-0.344***	0.178**
	(0.031)	(0.079)	(0.058)	(0.054)	(0.058)	(0.063)	(0.083)
HH share: women 65 and over	-0.217***	-0.089	0.034	-0.127	-0.066	-0.201**	-0.393***
	(0.058)	(0.135)	(0.103)	(0.119)	(0.087)	(0.095)	(0.150)
HH share: men 65 and over	-0.211**	-0.352*	-0.038	-0.341**	-0.035	-0.298**	-0.050
	(0.089)	(0.190)	(0.118)	(0.147)	(0.096)	(0.122)	(0.187)

HH share: widows	-0.360*** (0.055)	-0.269* (0.138)	0.039 (0.139)	-0.112 (0.105)	0.184* (0.095)	0.094 (0.081)	0.341* (0.183)
HH share: disabled men 15+	0.000 (0.076)	-0.022 (0.199)	0.073 (0.092)	-0.147 (0.224)	-0.456*** (0.134)	-0.254* (0.142)	0.202 (0.189)
HH share: disabled women 15+	-0.097 (0.068)	-0.351** (0.144)	0.112 (0.077)	0.071 (0.269)	-0.088 (0.116)	0.044 (0.089)	-0.182 (0.377)
HH share: orphan boys less than 15	-0.327 (0.228)	-0.035 (0.337)	0.203 (0.298)	0.047 (0.310)	0.670*** (0.221)	-0.492* (0.263)	0.383 (0.271)
HH share: orphan girls less than 15	0.860** (0.386)	-0.139 (0.254)	0.195 (0.213)	0.581 (0.376)	0.692** (0.303)	0.038 (0.296)	0.683 (0.444)
Death of main bread winner	0.002 (0.031)	-0.028 (0.086)	-0.031 (0.038)	-0.043 (0.043)	0.017 (0.028)	0.042 (0.026)	0.122 (0.157)
Death of household member	-0.007 (0.026)	0.035 (0.060)	-0.013 (0.031)	0.037 (0.027)	0.000 (.)	0.077*** (0.016)	-0.130 (0.095)
Loss of non-farm job	-0.036 (0.044)	-0.070 (0.064)	0.003 (0.034)	0.007 (0.120)	-0.028 (0.052)	0.106*** (0.027)	0.188 (0.136)
Conflict/violence	0.106** (0.047)	-0.321* (0.165)	0.003 (0.026)	-0.005 (0.054)	0.020 (0.056)	0.088*** (0.028)	0.063 (0.087)
Drought	-0.002 (0.010)	0.032 (0.050)	-0.015 (0.019)	-0.019 (0.019)	0.041 (0.041)	-0.000 (0.018)	0.107*** (0.027)
Flood	0.016 (0.020)	0.132* (0.078)	0.040 (0.027)	0.011 (0.033)	0.021 (0.030)	0.000 (.)	0.079** (0.039)
Loss of livestock	0.046*** (0.013)	0.136 (0.097)	0.112*** (0.020)	0.027 (0.033)	0.076 (0.051)	0.029 (0.021)	0.297** (0.130)
Worry not enough food	-0.038** (0.016)	-0.123*** (0.047)	-0.104*** (0.022)	-0.057*** (0.022)	0.000 (.)	-0.045* (0.025)	0.000 (.)
Limited preferred foods	-0.002 (0.015)	-0.078* (0.040)	-0.056*** (0.022)	-0.052** (0.021)	-0.069*** (0.020)	-0.043* (0.023)	0.000 (.)
Limited portion size	-0.041*** (0.016)	-0.034 (0.037)	-0.031 (0.025)	0.002 (0.023)	-0.031 (0.030)	0.019 (0.025)	0.000 (.)
Limited number of meals	-0.010 (0.017)	-0.034 (0.036)	-0.042* (0.025)	-0.036 (0.026)	0.021 (0.030)	-0.075*** (0.024)	0.000 (.)
Limited adult consumption for children	0.024 (0.017)	-0.023 (0.051)	-0.063** (0.029)	0.073** (0.029)	-0.045 (0.027)	0.059* (0.032)	0.000 (.)
Borrowed food or relied on help	-0.029 (0.022)	-0.075 (0.051)	0.040* (0.022)	0.045* (0.025)	-0.054* (0.031)	-0.004 (0.029)	0.000 (.)
R ²	0.725	0.395	0.689	0.722	0.668	0.654	0.603
N	10378	5047	3952	3859	3741	4775	2671

Note: Robust standard errors in parentheses. Standard errors are clustered at the PSU. The dependent variable is consumption per capita. A linear probability model is used for estimation. All regressions include dummies for household size (in intervals 1, 3, 5, 7 and 9 or more); the age of the household head (in five year intervals starting at age 15); the state (or region) in which the household resides; and the month the household was surveyed in.

* p<.10 ** p<.05 *** p<.01

Table A23: Targeting Errors for Extended PMT with Household Shocks and Food Security Variables

	Inclusion Error (IER)	Exclusion Error (EER)	Inclusion Error (IER)	Exclusion Error (EER)	Targeting Error (TER)	Targeting Error (TER)
	Fixed poverty line		Fixed poverty line		Fixed poverty rate	
	$z = F^{-1}(0.2)$		$z = F^{-1}(0.4)$		$H = 0.2$	$H = 0.4$
Burkina Faso	0.336	0.572	0.238	0.266	0.416	0.248
Ethiopia	0.418	0.820	0.358	0.435	0.520	0.376
Malawi	0.361	0.582	0.263	0.317	0.444	0.276
Niger	0.411	0.666	0.324	0.309	0.477	0.315
Nigeria	0.275	0.396	0.192	0.217	0.312	0.201
Tanzania	0.367	0.570	0.256	0.254	0.438	0.257
Uganda	0.366	0.486	0.281	0.255	0.443	0.272
Mean	0.359	0.634	0.289	0.323	0.453	0.299

Note: Errors are calculated using the predicted values from the Extended PMT regression shown in Table A22. Statistics are household weighted.

Table A24: Descriptive Statistics for Community-level Variables

	Ethiopia	Malawi	Niger	Nigeria	Tanzania	Uganda	Mean
<i>Distance to nearest facilities</i>							
Paved road	13.26	8.78	10.89	5.15	43.26	6.66	13.84
Population center	31.86	31.43	54.47	16.41	64.78	20.39	29.42
Market	58.33	64.72	54.88	61.67	177.47	26.31	64.63
Border crossing	303.06	53.11	111.92		29.64	88.84	117.69
School (primary or secondary)	0.65	1.49	9.27	2.03	3.03	0.70	1.55
Hospital or health center	11.71	11.67	17.84	5.33	16.98	1.80	8.87
<i>Environmental surroundings</i>							
Annual precipitation (mm)	1151	1047	394	154	1057	1134	914
Precipitation of wettest month (mm)	244	244	143	290	221	163	185
Percent agriculture within 1km buffer	29.43	28.86	11.40	22.08	80.16	38.11	31.58

Note: Means are adjusted by their household weights. Community-level variables missing for Burkina Faso, Ghana and Mali.

Table A25: Regression Results for Extended PMT with Food Security and Community Variables

	Ethiopia	Malawi	Niger	Nigeria	Tanzania	Uganda
Water: piped	0.100*** (0.027)	0.031 (0.023)	0.020 (0.018)	-0.031 (0.027)	0.007 (0.019)	0.090** (0.036)
Water: well or outside pipe	0.015 (0.024)	-0.002 (0.021)	-0.019 (0.018)	-0.040** (0.018)	-0.042** (0.018)	-0.046* (0.024)
Toilet: flush	0.116*** (0.045)	0.356*** (0.047)	0.227*** (0.041)	0.217*** (0.027)	0.127*** (0.025)	0.164 (0.102)
Toilet: pit	0.017 (0.023)	0.087*** (0.024)	0.067*** (0.017)	0.072*** (0.018)	0.106*** (0.018)	0.079* (0.044)
Floor: finished	0.149*** (0.054)	0.110*** (0.021)	0.076* (0.041)	0.192*** (0.041)	0.080*** (0.021)	0.542*** (0.094)
Wall: finished	-0.087*** (0.033)	0.071*** (0.016)	-0.035 (0.031)	0.004 (0.021)	0.018 (0.018)	0.105*** (0.028)
Roof: finished	0.057** (0.025)	0.004 (0.118)	0.108*** (0.019)	0.032 (0.027)	0.016 (0.019)	-0.191 (0.149)
Persons per room	-0.002 (0.007)	-0.047*** (0.006)	-0.042*** (0.004)	-0.050*** (0.007)	-0.034*** (0.006)	-0.050*** (0.006)
Separate room for kitchen	0.008 (0.021)	0.000 (.)	0.000 (.)	0.000 (.)	0.000 (.)	0.026 (0.026)
Fuel: electricity gas or kerosene	-0.026 (0.042)	0.353*** (0.054)	0.147*** (0.045)	0.034 (0.023)	0.241*** (0.043)	0.271** (0.111)
Fuel: charcoal	0.096* (0.057)	0.200*** (0.027)	0.088** (0.041)	0.012 (0.063)	0.135*** (0.024)	0.200*** (0.041)
Has electricity	0.116*** (0.031)	0.063* (0.034)	0.159*** (0.023)	0.060*** (0.018)	-0.018 (0.026)	0.143*** (0.051)
Has radio	0.119*** (0.021)	0.127*** (0.016)	0.076*** (0.012)	0.033** (0.014)	0.089*** (0.015)	0.161*** (0.024)
Has television	0.104** (0.041)	0.070** (0.034)	0.094*** (0.026)	-0.009 (0.026)	0.085** (0.037)	0.174*** (0.049)
Has fridge or freezer	0.158*** (0.044)	0.056 (0.043)	0.095*** (0.027)	0.111*** (0.022)	0.067** (0.030)	0.000 (.)
Has bicycle	0.106** (0.053)	0.079*** (0.016)	0.018 (0.022)	-0.034* (0.018)	0.039** (0.016)	0.081*** (0.023)
Has motorbike	0.053 (0.082)	0.298*** (0.066)	0.140*** (0.018)	0.043*** (0.015)	0.171*** (0.029)	0.167*** (0.039)
Has car or truck	0.187*** (0.070)	0.488*** (0.050)	0.252*** (0.035)	0.183*** (0.027)	0.383*** (0.047)	0.365*** (0.066)
Has telephone (owns)	-0.035 (0.040)	0.000 (.)	0.095* (0.051)	-0.016 (0.124)	0.154* (0.089)	0.000 (.)
Has mobile phone (owns)	0.212*** (0.023)	0.205*** (0.018)	0.101*** (0.013)	0.158*** (0.019)	0.238*** (0.018)	0.190*** (0.026)
Has computer	0.000 (.)	0.163*** (0.051)	0.081** (0.041)	0.105*** (0.038)	0.145*** (0.046)	0.174** (0.081)
Has video player	0.099** (0.040)	0.097*** (0.030)	0.014 (0.025)	0.099*** (0.024)	0.052 (0.033)	0.000 (.)
Has any type of stove	0.159*** (0.028)	0.063 (0.043)	0.024 (0.022)	0.070*** (0.019)	0.110*** (0.019)	0.003 (0.024)
Has sewing machine	-0.100 (0.081)	-0.047 (0.039)	-0.084*** (0.032)	0.008 (0.022)	-0.041 (0.025)	0.000 (.)
Has air conditioner or fan	0.000 (.)	0.047 (0.037)	0.118*** (0.025)	0.067*** (0.021)	0.026 (0.029)	0.000 (.)
Has iron	0.000 (.)	0.137*** (0.021)	0.105*** (0.018)	0.057*** (0.019)	0.083*** (0.019)	0.103** (0.040)
Has satellite dish	-0.044 (0.040)	0.060 (0.047)	0.043 (0.035)	0.093*** (0.033)	0.000 (.)	0.000 (.)
Has electric generator	0.173 (0.136)	0.162** (0.064)	0.068 (0.044)	0.065*** (0.020)	0.000 (.)	0.323*** (0.114)
Household owns dwelling	-0.005 (0.027)	0.011 (0.020)	-0.004 (0.017)	0.003 (0.019)	0.002 (0.019)	0.075** (0.036)

Urban area	-0.096*** (0.036)	-0.301*** (0.028)	0.082*** (0.023)	0.043** (0.020)	0.030 (0.021)	0.097*** (0.032)
Female head	0.056 (0.037)	0.026 (0.036)	0.048 (0.036)	0.004 (0.062)	0.023 (0.035)	-0.036 (0.033)
Head has at least primary education	0.110*** (0.042)	0.001 (0.029)	0.069*** (0.013)	0.035 (0.021)	0.049** (0.021)	0.029 (0.035)
Head has at least secondary education	0.040 (0.049)	-0.002 (0.034)	0.046* (0.025)	0.055** (0.022)	0.165** (0.078)	-0.058 (0.046)
Max education at least primary education	0.045 (0.033)	0.038 (0.027)	0.008 (0.015)	0.029 (0.025)	0.022 (0.021)	0.042 (0.034)
Max education at least secondary education	-0.017 (0.038)	0.015 (0.030)	-0.005 (0.021)	-0.033 (0.021)	-0.018 (0.069)	0.167*** (0.040)
Divorced or separated head	-0.175*** (0.066)	0.205*** (0.058)	-0.002 (0.058)	0.126** (0.057)	0.117*** (0.041)	-0.118* (0.061)
Widowed head	-0.223*** (0.077)	0.107* (0.062)	-0.212*** (0.070)	0.039 (0.054)	-0.018 (0.063)	-0.162* (0.095)
Never married head	-0.045 (0.050)	0.289*** (0.057)	-0.040 (0.046)	0.170*** (0.054)	0.268*** (0.043)	0.051 (0.090)
Widowed female head	0.142 (0.097)	-0.201** (0.080)	0.144* (0.084)	-0.093 (0.088)	-0.039 (0.078)	0.075 (0.107)
Divorced female head	-0.034 (0.081)	-0.236*** (0.071)	-0.059 (0.077)	-0.116 (0.097)	-0.146** (0.058)	0.104 (0.077)
Never married female head	-0.063 (0.074)	-0.034 (0.094)	0.130 (0.130)	-0.111 (0.114)	-0.158** (0.067)	-0.175 (0.136)
Head worked in a paid job (last week)	-0.090*** (0.022)	-0.051*** (0.015)	0.020 (0.018)	0.102*** (0.021)	0.031 (0.025)	-0.025 (0.027)
Head worked in own non-farm enterprise	-0.001 (0.022)	0.057*** (0.015)	0.042*** (0.012)	0.055*** (0.016)	0.087*** (0.021)	0.031 (0.026)
Head works daily in current job	-0.003 (0.021)	0.066*** (0.017)	-0.044* (0.023)	0.049** (0.023)	0.003 (0.021)	0.055** (0.023)
Muslim	0.247*** (0.070)	-0.081** (0.041)	0.000 (.)	-0.029 (0.052)	0.000 (.)	0.000 (.)
Christian	0.176*** (0.067)	-0.016 (0.036)	0.000 (.)	-0.050 (0.050)	0.000 (.)	0.000 (.)
HH share: girls 5 and under	-0.400*** (0.090)	-0.224*** (0.064)	-0.257*** (0.050)	-0.239*** (0.064)	-0.569*** (0.066)	0.116 (0.105)
HH share: boys 5 and under	-0.599*** (0.090)	-0.230*** (0.066)	-0.224*** (0.051)	-0.344*** (0.066)	-0.546*** (0.068)	-0.171* (0.103)
HH share: girls 6 to 14	-0.196*** (0.075)	-0.211*** (0.054)	-0.214*** (0.049)	-0.250*** (0.058)	-0.460*** (0.059)	-0.004 (0.086)
HH share: boys 6 to 14	-0.253*** (0.076)	-0.213*** (0.058)	-0.176*** (0.049)	-0.380*** (0.057)	-0.337*** (0.062)	0.177** (0.086)
HH share: women 65 and over	-0.077 (0.102)	0.076 (0.102)	-0.091 (0.095)	-0.063 (0.081)	-0.187** (0.079)	-0.424*** (0.162)
HH share: men 65 and over	-0.317** (0.147)	-0.087 (0.107)	-0.328*** (0.107)	-0.057 (0.091)	-0.301*** (0.102)	-0.036 (0.142)
HH share: widows	-0.304*** (0.108)	0.047 (0.109)	-0.140 (0.090)	0.180** (0.083)	0.076 (0.084)	0.375** (0.181)
HH share: disabled men 15+	-0.034 (0.158)	0.008 (0.079)	-0.094 (0.166)	-0.461*** (0.153)	-0.286** (0.125)	0.247 (0.219)
HH share: disabled women 15+	-0.392*** (0.108)	0.068 (0.064)	0.108 (0.214)	-0.080 (0.109)	0.053 (0.078)	-0.225 (0.289)
HH share: orphan boys less than 15	-0.011 (0.386)	0.104 (0.273)	0.078 (0.264)	0.702 (0.574)	-0.606 (0.376)	0.330 (0.488)
HH share: orphan girls less than 15	-0.142 (0.319)	0.131 (0.244)	0.459 (0.446)	0.712** (0.339)	0.107 (0.315)	0.690 (0.479)
HH Distance in (KMs) to Nearest Major Road	0.001*** (0.001)	-0.003*** (0.001)	-0.000 (0.000)	0.001 (0.001)	-0.000 (0.000)	-0.002 (0.002)
=HH Distance in (KMs) to Nearest Population Center with +20	0.000	-0.001	0.000	-0.002***	0.000	-0.001

	(0.000)	(0.000)	(0.000)	(0.001)	(0.000)	(0.001)
HH Distance in (KMs) to Nearest Market	-0.001***	-0.001***	-0.000**	-0.000**	-0.000	0.001
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.001)
HH Distance in (KMs) to Nearest Border Crossing	-0.000	0.000	0.000**	0.000	0.000*	0.000
	(0.000)	(0.000)	(0.000)	(.)	(0.000)	(0.000)
Distance to nearest school	0.000	-0.007**	0.000	0.001	0.002	-0.014
	(0.001)	(0.003)	(0.000)	(0.001)	(0.002)	(0.012)
Distance to nearest health center	0.000	-0.000	-0.000	0.000	0.000	-0.008*
	(0.000)	(0.000)	(0.000)	(0.001)	(0.000)	(0.005)
Annual Precipitation (mm)	-0.000**	-0.000	0.001**	-0.000	-0.000	0.000
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Precipitation of Wettest Month (mm)	0.000	0.001	-0.002*	-0.000	0.000	-0.001
	(0.000)	(0.000)	(0.001)	(0.001)	(0.000)	(0.001)
Percent agriculture within approx 1 km buffer	0.001**	0.001***	0.002***	0.000	0.000	-0.000
	(0.001)	(0.000)	(0.000)	(0.000)	(0.000)	(0.001)
R ²	0.386	0.680	0.720	0.666	0.647	0.598
N	5047	3952	3859	3741	4775	2671

Note: Robust standard errors in parentheses. Standard errors are clustered at the PSU. The dependent variable is consumption per capita. A linear probability model is used for estimation. All regressions include dummies for household size (in intervals 1, 3, 5, 7 and 9 or more); the age of the household head (in five year intervals starting at age 15); the state (or region) in which the household resides; and the month the household was surveyed in.

* p<.10 ** p<.05 *** p<.01

Table A26: Targeting Errors for Extended PMT with Household Shocks, Food Security, and Community-level Variables

	Inclusion Error (IER)	Exclusion Error (EER)	Inclusion Error (IER)	Exclusion Error (EER)	Targeting Error (TER)	Targeting Error (TER)
	Fixed poverty line		Fixed poverty rate			
	$z = F^{-1}(0.2)$		$z = F^{-1}(0.4)$		$H = 0.2$	$H = 0.4$
Ethiopia	0.429	0.855	0.367	0.437	0.518	0.378
Malawi	0.368	0.627	0.265	0.332	0.437	0.283
Niger	0.420	0.665	0.322	0.299	0.465	0.317
Nigeria	0.264	0.390	0.184	0.220	0.308	0.197
Tanzania	0.367	0.581	0.268	0.264	0.428	0.268
Uganda	0.361	0.494	0.286	0.259	0.423	0.278
Mean	0.358	0.657	0.298	0.331	0.448	0.306

Note: Errors are calculated using the predicted values from the extended PMT regressions with household shocks, food security, and community-level variables as shown in Table A25. Statistics are household weighted.

Table A27: Regression Results for Basic PMT with Adult Equivalent Expenditures

	Ethiopia	Ghana	Malawi	Niger	Tanzania	Uganda
Toilet: flush	0.210*** (0.053)	-0.240*** (0.057)	0.660*** (0.063)	0.532*** (0.052)	0.239*** (0.026)	0.554*** (0.112)
Toilet: pit	0.070** (0.035)	-0.258*** (0.035)	0.124*** (0.029)	0.151*** (0.030)	0.130*** (0.020)	0.154** (0.060)
Floor: finished	0.263*** (0.067)	0.141*** (0.038)	0.261*** (0.022)	0.264*** (0.052)	0.164*** (0.021)	0.692*** (0.164)
Wall: finished	-0.009 (0.047)	0.024 (0.036)	0.159*** (0.019)	-0.020 (0.044)	0.050** (0.021)	0.316*** (0.034)
Roof: finished	0.160*** (0.034)	0.082** (0.038)	-0.049 (0.178)	0.272*** (0.024)	0.071*** (0.023)	-0.027 (0.177)
Fuel: electricity gas or kerosene	0.103** (0.042)	0.307*** (0.049)	0.814*** (0.081)	0.258*** (0.052)	0.458*** (0.048)	0.183 (0.116)
Fuel: charcoal	0.117 (0.103)	0.173*** (0.033)	0.313*** (0.034)	0.187*** (0.041)	0.234*** (0.026)	0.294*** (0.041)
Urban area	0.185*** (0.044)	0.315*** (0.046)	-0.165*** (0.029)	0.198*** (0.035)	0.035 (0.024)	0.176*** (0.041)
Female head	0.121*** (0.032)	0.011 (0.028)	-0.014 (0.030)	0.083** (0.037)	-0.020 (0.024)	0.048 (0.033)
Head has at least primary education	0.270*** (0.044)	0.102*** (0.027)	0.108*** (0.027)	0.102*** (0.016)	0.166*** (0.021)	0.170*** (0.030)
Head has at least secondary education	0.053 (0.043)	0.122*** (0.032)	0.123*** (0.032)	0.197*** (0.024)	0.354*** (0.042)	0.250*** (0.037)
Divorced or separated head	-0.239*** (0.041)	0.003 (0.032)	-0.043 (0.039)	-0.083* (0.049)	-0.059** (0.030)	0.011 (0.046)
Widowed head	-0.202*** (0.044)	0.047 (0.035)	-0.103*** (0.038)	-0.148*** (0.044)	-0.044 (0.031)	-0.003 (0.045)
Head worked in a paid job (last week)	-0.099*** (0.024)	0.073*** (0.026)	-0.092*** (0.020)	0.054** (0.022)	0.038* (0.021)	-0.042 (0.028)
Head worked in own non-farm enterprise	0.028 (0.025)	0.124*** (0.022)	0.059*** (0.021)	0.079*** (0.015)	0.132*** (0.022)	0.106*** (0.031)
Muslim	0.313** (0.124)	0.097** (0.039)	-0.117** (0.059)	0.000 (.)	0.000 (.)	0.000 (.)
Christian	0.219* (0.118)	0.106*** (0.031)	0.025 (0.049)	0.000 (.)	0.000 (.)	0.000 (.)
HH share: girls 5 and under	0.096 (0.095)	0.127 (0.083)	-0.071 (0.073)	0.107* (0.058)	-0.068 (0.070)	-0.738*** (0.123)
HH share: boys 5 and under	-0.107 (0.098)	0.127 (0.093)	-0.040 (0.072)	0.124** (0.061)	-0.068 (0.079)	-0.972*** (0.110)
HH share: girls 6 to 14	-0.169** (0.076)	0.242*** (0.072)	-0.223*** (0.068)	-0.227*** (0.053)	-0.394*** (0.061)	-0.847*** (0.101)
HH share: boys 6 to 14	-0.343*** (0.080)	0.337*** (0.078)	-0.246*** (0.061)	-0.212*** (0.059)	-0.204*** (0.071)	-0.825*** (0.100)
HH share: women 65 and over	-0.202 (0.124)	0.106 (0.066)	0.018 (0.096)	0.050 (0.105)	-0.022 (0.082)	-0.299* (0.154)
HH share: men 65 and over	-0.352* (0.212)	0.121 (0.091)	-0.059 (0.128)	-0.273 (0.175)	-0.376*** (0.130)	-0.322* (0.191)
R ²	0.286	0.452	0.542	0.594	0.543	0.501
N	5047	4340	3952	3859	4775	2671

Note: Robust standard errors in parentheses. Standard errors are clustered at the PSU. The dependent variable is consumption per adult equivalent. Equivalence scales are missing for Burkina Faso, Mali, and Nigeria. A linear probability model is used for estimation. All regressions include dummies for household size (in intervals 1, 3, 5, 7 and 9 or more); the age of the household head (in five year intervals starting at age 15); the state (or region) in which the household resides; and the month the household was surveyed in.

* p<.10 ** p<.05 *** p<.01

Table A28: Targeting Errors using Consumption per Adult Equivalent as the Dependent Variable with Basic PMT

	Inclusion Error (IER)	Exclusion Error (EER)	Inclusion Error (IER)	Exclusion Error (EER)	Targeting Error (TER)	Targeting Error (TER)
	Fixed poverty line		Fixed poverty rate			
	$z = F^{-1}(0.2)$		$z = F^{-1}(0.4)$		$H = 0.2$	$H = 0.4$
Ethiopia	0.177	0.994	0.310	0.842	0.615	0.409
Ghana	0.800	0.000	0.600	0.000	0.444	0.276
Malawi	0.314	0.963	0.218	0.638	0.511	0.331
Niger	0.000	1.000	0.189	0.930	0.562	0.352
Tanzania	0.197	0.973	0.211	0.592	0.498	0.295
Uganda	0.071	0.985	0.139	0.891	0.573	0.346
Mean	0.788	0.835	0.458	0.659	0.549	0.348

Note: Errors are calculated using the predicted values from the Basic PMT regression in Table A26 Adult equivalence scales are missing for Burkina Faso, Mali, and Nigeria. Statistics are population weighted.

Table A29: Poverty Gap Index of Poverty Post Transfer

	Burkina Faso	Ethiopia	Ghana	Malawi	Mali
Poverty gap index pre-transfer	0.040	0.054	0.064	0.049	0.051
Basic Income	0.029	0.043	0.039	0.037	0.036
<i>Basic PMT</i>					
Basic PMT	0.025	0.050	0.037	0.036	0.040
Poverty quantile regression	0.025	0.037	0.034	0.032	0.031
Poverty weighted: Poor only	0.029	0.043	0.038	0.037	0.035
Poverty weighted: Poor + 20	0.025	0.040	0.033	0.033	0.031
PMT: separate Urban/Rural models	0.025	0.046	0.037	0.036	0.040
<i>Extended PMT</i>					
Extended PMT	0.022	0.045	0.036	0.031	0.035
Poverty quantile regression	0.023	0.037	0.033	0.030	0.029
Poverty weighted: Poor only	0.028	0.042	0.037	0.036	0.032
Poverty weighted: Poor + 20	0.022	0.039	0.032	0.031	0.029
Stepwise (p=0.01)	0.027	0.048	0.037	0.031	0.035
HH Shocks + Food Security	0.022	0.042	.	0.029	.
Shocks, Food Security + Community Variables	.	0.044	.	0.030	.
<i>Categorical Targeting</i>					
Elderly 65+	0.031	0.047	0.049	0.042	0.040
Widowed or disabled	0.031	0.046	0.041	0.041	0.042
Elderly, widows& disabled	0.030	0.045	0.041	0.040	0.040
Children under 14 (max 3)	0.029	0.042	0.039	0.036	0.036
Elderly, widows, disabled & children	0.028	0.041	0.038	0.036	0.037
Female heads with children	0.035	0.049	0.052	0.039	0.050
Shock: drought, flood or livestock death	0.029	0.047	0.064	0.039	0.051
	Niger	Nigeria	Tanzania	Uganda	Mean
Poverty gap index pre-transfer	0.041	0.055	0.057	0.058	0.055
Basic Income	0.033	0.032	0.045	0.041	0.040
<i>Basic PMT</i>					
Basic PMT	0.030	0.029	0.037	0.034	0.039
Poverty quantile regression	0.027	0.028	0.038	0.036	0.034
Poverty weighted: Poor only	0.033	0.031	0.045	0.040	0.039
Poverty weighted: Poor + 20	0.028	0.027	0.038	0.037	0.035
PMT: separate Urban/Rural models	0.030	0.028	0.037	0.035	0.038
<i>Extended PMT</i>					

Extended PMT	0.027	0.026	0.034	0.031	0.036
Poverty quantile regression	0.027	0.026	0.036	0.033	0.033
Poverty weighted: Poor only	0.032	0.029	0.044	0.040	0.038
Poverty weighted: Poor + 20	0.028	0.025	0.035	0.034	0.033
Stepwise (p=0.01)	0.029	0.030	0.037	0.035	0.038
HH Shocks + Food Security	0.026	0.026	0.034	0.030	0.034
Shocks, Food Security + Community Variables	0.026	0.026	0.034	0.030	0.036
<i>Categorical Targeting</i>					
Elderly 65+	0.037	0.042	0.050	0.041	0.045
Widowed or disabled	0.037	0.043	0.048	0.044	0.044
Elderly, widows& disabled	0.036	0.037	0.048	0.039	0.042
Children under 14 (max 3)	0.033	0.032	0.043	0.040	0.039
Elderly, widows, disabled & children	0.033	0.030	0.043	0.037	0.038
Female heads with children	0.038	0.050	0.045	0.041	0.046
Shock: drought, flood or livestock death	0.032	0.047	0.046	0.047	0.047

Note: Eligible households receive uniform per capita transfers. The total transfer amount for each country is equal to each country's aggregate poverty gap. The poverty line is used to determine whether a household is eligible. The statistics in the table give the change in the country's poverty gap index following the transfer. The starting value of the poverty gap index is given in the first row. Universal is a transfer to all households adjusted for household size. All households with PMT-predicted consumption below the poverty line receive a transfer of equal size. Descriptions of the various PMTs can be found in the text. Categorical targeting gives transfers to each household member who meets the specified category. For example, if a member meets the category twice he receives two transfers (e.g. elderly and disabled). The number of children who can receive transfers under the child category is capped at 3. In the final category, a household receives a transfer if it has received one or more household-level shocks. Statistics are household weighted.

Table A30: Watts Index of Poverty Post Transfer

	Burkina Faso	Ethiopia	Ghana	Malawi	Mali
Watts index pre-transfer	0.048	0.074	0.091	0.063	0.066
Basic Income	0.034	0.056	0.051	0.047	0.045
<i>Basic PMT</i>					
Basic PMT	0.030	0.068	0.050	0.046	0.051
Poverty quantile regression	0.028	0.047	0.045	0.039	0.038
Poverty weighted: Poor only	0.034	0.056	0.050	0.047	0.043
Poverty weighted: Poor + 20	0.029	0.052	0.041	0.041	0.038
PMT: separate Urban/Rural models	0.030	0.062	0.049	0.046	0.051
<i>Extended PMT</i>					
Extended PMT	0.026	0.061	0.048	0.038	0.045
Poverty quantile regression	0.026	0.047	0.041	0.037	0.035
Poverty weighted: Poor only	0.033	0.056	0.048	0.045	0.040
Poverty weighted: Poor + 20	0.026	0.050	0.040	0.037	0.036
Stepwise (p=0.01)	0.032	0.065	0.049	0.038	0.045
HH Shocks + Food Security	0.026	0.057	.	0.036	.
Shocks, Food Security + Community Variables	.	0.059	.	0.038	.
<i>Categorical Targeting</i>					
Elderly 65+	0.037	0.063	0.067	0.054	0.051
Widowed or disabled	0.037	0.062	0.054	0.052	0.055
Elderly, widows& disabled	0.036	0.060	0.054	0.051	0.051
Children under 14 (max 3)	0.034	0.055	0.052	0.045	0.046
Elderly, widows, disabled & children	0.033	0.054	0.048	0.046	0.047
Female heads with children	0.042	0.066	0.074	0.049	0.066
Shock: drought, flood or livestock death	0.035	0.064	0.091	0.049	0.066
	Niger	Nigeria	Tanzania	Uganda	Mean
Watts index pre-transfer	0.050	0.073	0.077	0.080	0.074
Basic Income	0.040	0.040	0.059	0.054	0.051
<i>Basic PMT</i>					
Basic PMT	0.036	0.036	0.048	0.045	0.051
Poverty quantile regression	0.032	0.034	0.048	0.046	0.043
Poverty weighted: Poor only	0.040	0.038	0.058	0.053	0.051
Poverty weighted: Poor + 20	0.033	0.033	0.047	0.048	0.045
PMT: separate Urban/Rural models	0.036	0.034	0.048	0.047	0.049
<i>Extended PMT</i>					
Extended PMT	0.032	0.032	0.043	0.039	0.046

Poverty quantile regression	0.032	0.032	0.045	0.042	0.041
Poverty weighted: Poor only	0.038	0.035	0.057	0.052	0.049
Poverty weighted: Poor + 20	0.033	0.030	0.044	0.043	0.042
Stepwise (p=0.01)	0.035	0.037	0.047	0.046	0.050
HH Shocks + Food Security	0.031	0.032	0.042	0.037	0.044
Shocks, Food Security + Community Variables	0.031	0.032	0.044	0.037	0.046
<i>Categorical Targeting</i>					
Elderly 65+	0.045	0.054	0.067	0.055	0.059
Widowed or disabled	0.044	0.056	0.064	0.060	0.058
Elderly, widows& disabled	0.043	0.049	0.064	0.052	0.055
Children under 14 (max 3)	0.040	0.040	0.055	0.054	0.051
Elderly, widows, disabled & children	0.040	0.037	0.056	0.049	0.049
Female heads with children	0.046	0.066	0.060	0.057	0.062
Shock: drought, flood or livestock death	0.039	0.063	0.060	0.065	0.063

Note: Eligible households receive uniform per capita transfers. The total transfer amount for each country is equal to each country's aggregate poverty gap. The poverty line is used to determine whether a household is eligible. The statistics in the table give the change in the country's Watts index following the transfer. The starting value of the Watts index is given in the first row. Universal is a transfer to all households adjusted for household size. All households with PMT-predicted consumption below the poverty line receive a transfer of equal size. Descriptions of the various PMTs can be found in the text. Categorical targeting gives transfers to each household member who meets the specified category. For example, if a member meets the category twice he receives two transfers (e.g. elderly and disabled). The number of children who can receive transfers under the child category is capped at 3. In the final category, a household receives a transfer if it has received one or more household-level shocks. Statistics are household weighted.

Table A31: Targeting Errors with Lags (Method 2)

	Inclusion error rate (IER)	Exclusion error rate (EER)	Inclusion error rate (IER)	Exclusion error rate (EER)	Targeting error rate (TER)	Targeting error rate (TER)
Basic PMT						
	Fixed poverty line				Fixed poverty rate	
	$z = F^{-1}(0.2)$		$z = F^{-1}(0.4)$		$H = 0.2$	$H = 0.4$
Ethiopia	0.253	0.989	0.377	0.885	0.707	0.464
Malawi	0.581	0.660	0.419	0.394	0.598	0.419
Nigeria	0.215	0.843	0.181	0.550	0.434	0.299
Tanzania	0.459	0.747	0.336	0.312	0.521	0.329
Uganda	0.488	0.769	0.393	0.355	0.557	0.383
Mean	0.454	0.858	0.334	0.602	0.588	0.390
Extended PMT						
	Fixed poverty line				Fixed poverty rate	
	$z = F^{-1}(0.2)$		$z = F^{-1}(0.4)$		$H = 0.2$	$H = 0.4$
Ethiopia	0.392	0.976	0.357	0.807	0.639	0.471
Malawi	0.583	0.619	0.408	0.359	0.602	0.408
Nigeria	0.181	0.802	0.203	0.541	0.416	0.295
Tanzania	0.431	0.671	0.325	0.305	0.503	0.317
Uganda	0.487	0.662	0.350	0.359	0.527	0.353
Mean	0.438	0.815	0.324	0.564	0.551	0.386

Note: The parameters of the PMT score are estimated using Round 1 data, then predicted values are generated using Round 2 covariate values. These calculations are for Method 2 described in the main text. Statistics are household weighted.

Table A32: Targeting Differentials for Panel PMTs

	Basic PMT			Extended PMT		
	No lags	Method 1	Method 2	No lags	Method 1	Method 2
Ethiopia	0.064	0.005	0.010	0.118	0.007	0.020
Malawi	0.182	0.412	0.223	0.303	0.482	0.249
Nigeria	0.475	0.161	0.146	0.538	0.165	0.187
Tanzania	0.306	0.229	0.149	0.382	0.285	0.266
Uganda	0.285	0.305	0.175	0.423	0.423	0.258
Mean	0.262	0.222	0.151	0.353	0.272	0.196

Note: Targeting differentials are computed using poverty lines set at the 20th percentile. Method 1 uses Round 1 PMT calibration and Round 2 data to generate predicted values. Method 2 uses Round 1 predicted values and Round 2 actual consumption. “No lags” refers to results when the PMT is calibrated and compared to Round 2 data (i.e. the panel structure is not used but only panel households are included, such that the numbers will differ slightly from Table 8). Statistics are household weighted.

Table A33: Poverty Gap Index Post Transfer Allowing for Lags

	Ethiopia	Malawi	Nigeria	Tanzania	Uganda	Mean
Poverty Gap Index pre-transfer	0.054	0.048	0.056	0.058	0.057	0.055
Universal (basic income)	0.041	0.037	0.032	0.045	0.042	0.040
Basic PMT covariates						
Basic PMT	0.048	0.036	0.029	0.037	0.037	0.040
Extended PMT	0.045	0.031	0.027	0.033	0.030	0.036
Method 1 Basic PMT	0.053	0.032	0.042	0.041	0.036	0.045
Method 1 Extended PMT	0.053	0.030	0.042	0.037	0.031	0.043
Method 2 Basic PMT	0.053	0.032	0.044	0.042	0.042	0.046
Method 2 Extended PMT	0.052	0.032	0.041	0.037	0.037	0.043
Categorical Targeting						
Elderly 65+	0.048	0.042	0.040	0.051	0.040	0.046
Widowed or disabled	0.046	0.041	0.043	0.049	0.046	0.046
Elderly, widows & disabled	0.046	0.040	0.037	0.049	0.038	0.043
Children under 14	0.041	0.036	0.033	0.043	0.041	0.039
Elderly, widows, disabled & children	0.041	0.036	0.029	0.044	0.038	0.038
Female heads with children	0.048	0.039	0.050	0.046	0.040	0.047

Note: Method 1 uses Round 1 PMT calibration and Round 2 data to generate predicted values. Method 2 uses Round 1 predicted values and compares to Round 2 actual household per capita consumption. The Basic and Extended PMT methods use Round 2 data only (i.e. no lags). Universal refers to a transfer to all households weighted by household size. Categorical targeting categories are defined in Table 9. Only panel households are included. Statistics are household weighted.

Table A34: Watts Index Post Transfer Allowing for Lags

	Ethiopia	Malawi	Nigeria	Tanzania	Uganda	Mean
Poverty Gap Index pre-transfer	0.073	0.062	0.074	0.078	0.078	0.074
Universal (basic income)	0.330	0.274	0.277	0.340	0.339	0.318
Basic PMT covariates						
Basic PMT	0.353	0.279	0.249	0.315	0.307	0.316
Extended PMT	0.348	0.252	0.233	0.283	0.262	0.298
Method 1 Basic PMT	0.363	0.254	0.330	0.344	0.330	0.342
Method 1 Extended PMT	0.363	0.245	0.328	0.325	0.272	0.333
Method 2 Basic PMT	0.359	0.257	0.338	0.364	0.368	0.349
Method 2 Extended PMT	0.362	0.256	0.327	0.322	0.304	0.335
Categorical Targeting						
Elderly 65+	0.362	0.305	0.359	0.386	0.327	0.359
Widowed or disabled	0.352	0.300	0.371	0.374	0.370	0.357
Elderly, widows & disabled	0.348	0.294	0.345	0.377	0.324	0.347
Children under 14	0.328	0.269	0.286	0.330	0.351	0.317
Elderly, widows, disabled & children	0.338	0.269	0.289	0.335	0.325	0.322
Female heads with children	0.364	0.297	0.372	0.366	0.360	0.360

Note: Method 1 uses Round 1 PMT calibration and Round 2 data to generate predicted values. Method 2 uses Round 1 predicted values and compares to Round 2 actual household per capita consumption. The Basic and Extended PMT methods use Round 2 data only (i.e. no lags). Universal refers to a transfer to all households weighted by household size. Categorical targeting categories are defined in Table 9. Only panel households are included. Statistics are household weighted.