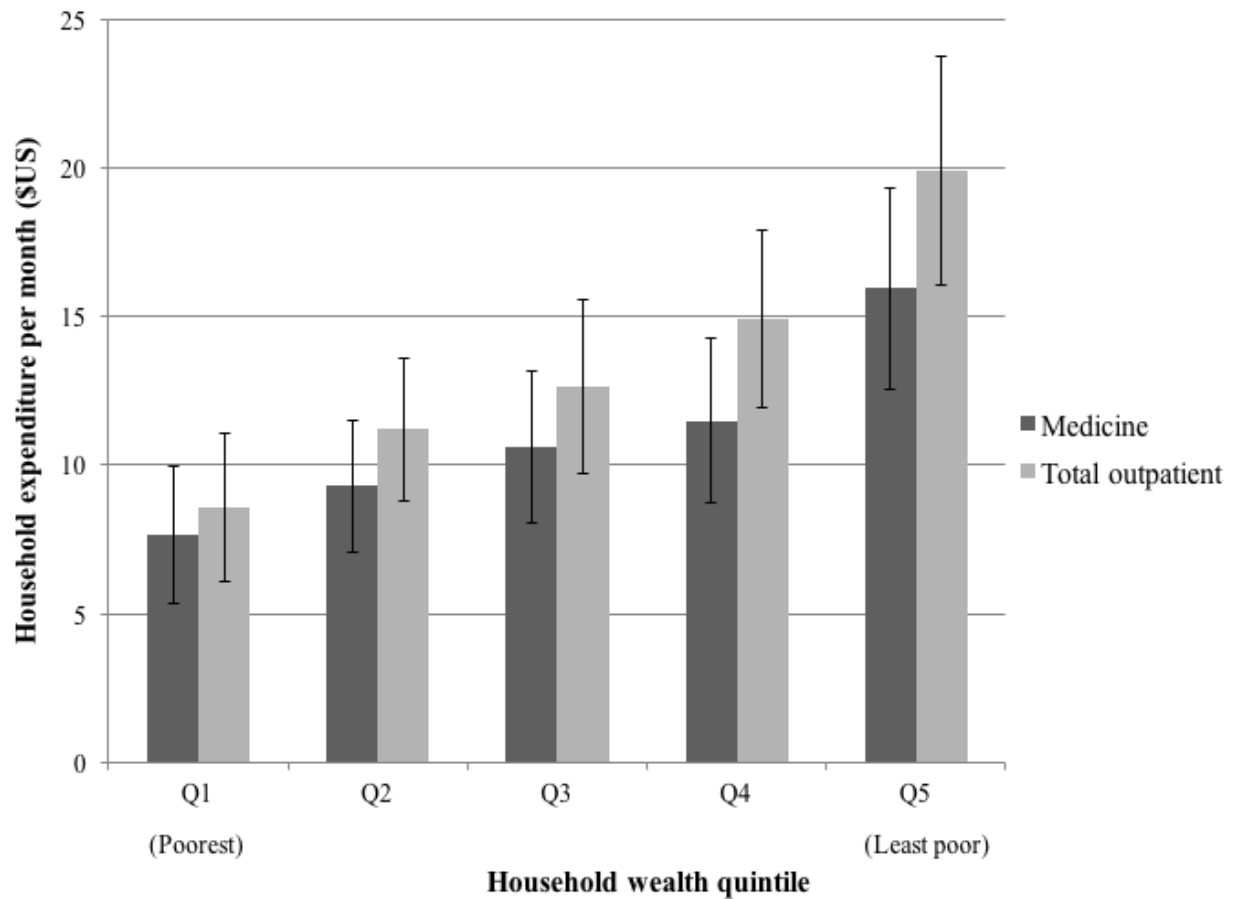


Appendix

Figure A1. Household monthly expenditure on medicine and total outpatient services



Notes: Error bars indicate 95% confidence intervals. All standard errors adjusted to account for clustering within villages. Test for trend in relationship between wealth quintile and monthly household expenditure on medicine: $p < 0.001$. Test for trend in relationship between wealth quintile and monthly household expenditure on total outpatient services: $p < 0.001$.

Table A1. Household assets

Household Asset	Probability of ownership
Bicycle	0.29
Motorcycle or scooter	0.14
Animal-drawn cart	0.07
Car or truck	0.06
Boat with a motor	0.01
Clock or watch	0.36
Electricity	0.42
Radio	0.74
Television	0.35
Refrigerator	0.05
Non-mobile telephone	0.02
Mobile telephone	0.91
Finished floor	0.54
Finished walls	0.56
Finished roof	0.14
Ownership of land upon which house sits	0.93
Ownership of agricultural land	0.86
Livestock	0.88

Table A2. Price paid for medicines by wealth quintile

	Wealth quintile				
	Q1 (Poorest)	Q2	Q3	Q4	Q5 (Least poor)
HCTZ (hypertension)					
Price paid per monthly dose (\$US), mean (SD)	\$1.01 (\$1.19)	\$0.77 (\$1.54)	\$0.35 (\$0.55)	\$0.88 (\$1.37)	\$0.97 (\$1.39)
Price paid per monthly dose (\$US), median (IQR)	\$0.75 (\$0.38, \$1.50)	\$0.27 (\$0.00, \$0.75)	\$0.00 (\$0.00, \$0.50)	\$0.30 (\$0.00, \$1.07)	\$0.34 (\$0.00, \$1.50)
Proportion receiving for free	0.21	0.48	0.51	0.26	0.32
Price paid per monthly dose when not free (\$US), mean (SD)	\$1.29 (\$1.20)	\$1.48 (\$1.90)	\$0.72 (\$0.59)	\$1.20 (\$1.48)	\$1.41 (\$1.49)
Price paid per monthly dose when not free (\$US), median (IQR)	\$0.75 (\$0.54, \$1.50)	\$0.75 (\$0.60, \$1.50)	\$0.50 (\$0.30, \$0.75)	\$0.75 (\$0.30, \$1.50)	\$0.75 (\$0.30, \$1.80)
Metformin (diabetes)					
Price paid per monthly dose (\$US), mean (SD)	\$2.34 (\$1.46)	\$1.07 (\$1.56)	\$0.57 (\$1.18)	\$1.61 (\$1.90)	\$2.21 (\$2.85)
Price paid per monthly dose (\$US), median (IQR)	\$2.40 (\$1.50, \$2.95)	\$0.54 (\$0.00, \$1.50)	\$0.00 (\$0.00, \$0.58)	\$1.25 (\$0.00, \$2.14)	\$1.20 (\$0.00, \$3.00)
Proportion receiving for free	0.13	0.40	0.63	0.39	0.44
Price paid per monthly dose when not free (\$US), mean (SD)	\$2.67 (\$1.21)	\$1.79 (\$1.67)	\$1.51 (\$1.58)	\$2.65 (\$1.78)	\$3.98 (\$2.74)
Price paid per monthly dose when not free (\$US), median (IQR)	\$2.67 (\$1.50, \$3.21)	\$1.50 (\$0.60, \$1.50)	\$0.98 (\$0.42, \$1.88)	\$1.80 (\$1.29, \$3.60)	\$3.00 (\$2.40, \$3.30)
Salbutamol inhaler (asthma)					
Price paid per monthly dose (\$US), mean (SD)	\$6.00 (\$5.66)	\$1.93 (\$1.86)	\$3.17 (\$1.97)	\$3.67 (\$3.25)	\$3.24 (\$3.47)
Price paid per monthly dose (\$US), median (IQR)	\$6.00 (\$2.00, \$10.00)	\$2.50 (\$0.00, \$3.50)	\$3.25 (\$2.50, \$4.00)	\$3.00 (\$1.20, \$5.00)	\$3.50 (\$0.00, \$4.00)
Proportion receiving for free	0.00	0.43	0.17	0.14	0.20
Price paid per monthly dose when not free (\$US), mean (SD)	\$6.00 (\$5.66)	\$3.38 (\$0.63)	\$3.80 (\$1.35)	\$4.28 (\$3.09)	\$4.05 (\$3.41)
Price paid per monthly dose when not free (\$US), median (IQR)	\$6.00 (\$2.00, \$10.00)	\$3.50 (\$3.00, \$3.75)	\$3.50 (\$3.00, \$4.00)	\$3.50 (\$2.50, \$5.00)	\$3.75 (\$1.85, \$6.25)