

## APPENDIX

Table A1. Comparison of antibiotic sources and use during acute illnesses and accidents across five age groups.

	Chiang Rai Village (1 <sup>st</sup> survey round)						All Three Workshop Villages						Rural Chiang Rai Province					
	18-24	25-34	35-44	45-59	60+	<i>p</i> -Value	18-24	25-34	35-44	45-59	60+	<i>p</i> -Value	18-24	25-34	35-44	45-59	60+	<i>p</i> -Value
<b>All illness episodes</b>																		
<b>Number</b>	9	17	33	28	28		65	119	143	215	155		32	53	82	210	194	
<b>% received antibiotics</b>	11.1%	23.5%	15.2%	17.9%	7.1%	0.798	15.4%	20.2%	13.3%	13.0%	12.3%	0.086	5.4%	16.7%	30.1%	20.1%	14.8%	0.059
<b>All antibiotic use episodes</b>																		
<b>Number</b>	1	4	5	5	2		10	24	19	28	19		3	11	25	53	33	
<b>% of antibiotic use episodes received from formal sources</b>	100.0%	50.0%	100.0%	60.0%	100.0%	0.291	60.0%	70.8%	84.2%	75.0%	78.9%	0.511	100.0%	42.4%	87.3%	96.2%	84.5%	0.001
<b>% of antibiotic use episodes received from informal sources</b>	0.0%	50.0%	0.0%	40.0%	0.0%	0.291	20.0%	37.5%	15.8%	28.6%	21.1%	0.532	0.0%	14.2%	2.5%	3.8%	1.6%	0.418
<b>% of illness episodes with at least one instance of unfinished antibiotics</b>	100.0%	75.0%	0.0%	60.0%	50.0%	0.102	70.0%	41.7%	21.1%	32.1%	52.6%	0.020	46.9%	13.1%	31.8%	53.4%	26.4%	0.110
<b>% of episodes with at least one instance of strict adherence to antibiotic instructions</b>	100.0%	75.0%	80.0%	20.0%	100.0%	0.240	50.0%	70.8%	78.9%	60.7%	68.4%	0.107	40.3%	31.3%	87.5%	74.8%	81.8%	0.006

Source: Authors, derived from survey data.

Notes. Data on illness episode level. Multiple illness episodes per respondent possible. Provincial-level results are population weighted using census data. *p*-values calculated using Pearson  $X^2$  test