

1 **Supplementary table 1: Social position's component variables among households with**
 2 **under-5 children in Myanmar**

Component variables	Proportions (n=4,099)	Standardized factor loading	SE
Mother's education (%)			
No education	18.4	0.93	0.012
Primary	45.8		
Secondary	28.3		
Higher	7.5		
Father's education (%)			
No education	18.4	0.60	0.012
Primary	41.3		
Secondary	34.6		
Higher	5.7		
Mother's occupation (%)			
Working	63.5	0.54	0.007
Not working	36.5		
Father's occupation (%)			
Agriculture	26.6	0.62	0.013
Unskilled	39.4		
Skilled	27.7		
Professional	6.3		
Maternal literacy (%)			
can read	69.6	0.69	0.007
cannot read	30.4		

3 Note: SE: standard error; complex survey design was accounted in calculations of proportions

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5 **Supplementary table 2: Economic position's component variables among households**
 6 **with under-5 children in Myanmar**

Component variables	Proportions (n=4,099)	Standardized factor loading	SE
Household utilities			
Improved sources of drinking water	77.8	0.77	0.06
Improved toilet facilities	49.0	0.51	0.07
Household asset ownership			
Land/House	62.9	0.62	0.07
Vehicle (car, scooter, bicycle)	64.0	0.62	0.07
Electronic appliance (TV, refrigerator)	50.7	0.49	0.07
Household service use			
Line phone	5.2	0.25	0.003
Electricity	48.3	0.52	0.007

7 Note: improved sources of drinking water include piped water, public taps, standpipes, tube wells,
 8 boreholes, protected dug wells and springs, rainwater, and bottled water; improved toilet
 9 facilities include any non-shared toilet of the following types: flush/pour flush toilets to piped
 10 sewer systems, septic tanks, and pit latrines; ventilated improved pit (VIP) latrines; pit latrines
 11 with slabs; and composting toilets; SE: standard error; complex survey design was accounted in
 12 calculations of proportions
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14 **Supplementary table 3: Goodness of fit criteria for social and economic position**
15 **variables among households with under-5 children in Myanmar**

	CFI	TLI	SRMR
Social position	0.965	0.930	0.037
Economic position	0.937	0.906	0.032

16 Note: CFI: comparative index fit (values>0.950 indicate good fit); TLI: Tucker Lewis index (values
17 >0.950 indicate good fit); SRMR: standardized root mean squared residual (values <0.08 indicate
18 good fit); Social and economic position were estimated as latent variables

19 **Supplementary Table 4 Multilevel analysis for association of social and economic position with health-seeking behavior for under-5 children with**
 20 **ARI in Myanmar**

Variable	Sought treatment			Formal health providers			Public providers			Private providers		
	AOR	95% CI	p-value	AOR	95% CI	p-value	AOR	95% CI	p-value	AOR	95% CI	p-value
Social position*	1.33	0.45-3.89	0.57	1.36	0.77-2.41	0.30	0.93	0.42-2.05	0.26	1.07	0.49-2.37	0.26
Economic position*	1.35	0.72-2.52	0.28	1.83	0.66-5.08	0.20	1.32	0.55-3.16	0.43	0.76	0.32-1.82	0.43
Child age (months)												
0- 11	1.00			1.00			1.00			1.00		
12-59	0.65	0.20-2.08	0.47	3.04	0.39-3.38	0.29	0.45	0.26-1.55	0.56	1.41	0.13-5.55	0.78
Number of U5 children in household												
1	1.00			1.00			1.00			1.00		
≥2	1.09	0.37-3.15	0.88	1.47	0.62-3.47	0.38	1.33	0.84-4.96	0.41	0.31	0.02-2.79	0.19
Residence												
Urban	1.00			1.00			1.00			1.00		
Rural	0.38	0.11-0.86	<0.05	1.99	0.21-18.68	0.55	4.68	1.65-13.76	<0.05	0.21	0.03-0.54	<0.05
Immunization												
Incomplete	1.00			1.00			1.00			1.00		
Complete	3.24	1.41-7.46	<0.05	1.30	1.05-3.98	<0.05	0.36	0.10-1.31	0.15	2.75	0.77-5.67	0.15
Fever in recall period												
No	1.00			1.00			1.00			1.00		
Yes	1.32	1.06-3.75	<0.05	1.84	1.27-2.61	<0.05	0.65	0.14-0.91	<0.05	3.17	1.45-6.52	<0.05
Diarrhea in recall period												
No	1.00			1.00			1.00			1.00		
Yes	1.70	0.79-3.66	0.17	1.28	1.15-2.05	<0.05	0.40	0.05-3.87	0.39	1.40	0.93-3.38	0.08

21 Note: AOR: Adjusted odds ratio; CI: confidence interval; U5: under-5; ARI: acute respiratory infection; public providers: all public health clinics or any higher-level
 22 facility plus community health workers; private providers: private hospitals, private clinics and private doctors; immunization according to national immunization
 23 program specific to child's age; *per unit increase in standardized. Adjusted for child age and immunization status and severity of illnesses such as blood in stool,
 24 fever and ARI in recall period at individual level, number of U5 children in household at household level, residence and administrative regions at community level
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