

Supplementary Table 1. Factors associated with a treatment response of <24hours (2012 & 2016 data only)

Predictor Variable		AOR (95% CI)	<i>p</i>
Survey year	2012	1.00	
	2016	0.57 (0.39, 0.84)	<0.01
Patient age	<5 years	1.00	
	5-15 years	0.71 (0.53, 0.94)	0.02
	16+ years	0.49 (0.36, 0.65)	<0.01
Location of health facility	Highlands	1.00	
	Lowland/Coastal/Islands	1.15 (0.74, 1.78)	0.53
Transport cost incurred	No	1.00	
	Yes	0.81 (0.60, 1.09)	0.16
Distance to health facility	Hours	0.55 (0.43, 0.70)	<0.01
Diagnostic tests & ACT in stock	No	1.00	
	Yes	0.92 (0.62, 1.36)	0.66

AOR: Adjusted Odds Ratio; CI: Confidence Interval; ACT: Artemisinin Combination Therapy.