Supplemental file 5. Positive and negative likelihood ratios of warning signs in children with fever <5 days

Non-specific signs and symptoms	LR+	LR-						
Respiratory symptoms	0.76 (0.7 - 0.82)	1.14 (1.1 - 1.18)			••-			
Gastro-intestinal symptoms	1.32 (1.25 - 1.4)	0.84 (0.8 - 0.88)			• -•	•		
Other type of rash	0.82 (0.69 - 0.97)	1.02 (1 - 1.04)			•-•			
Warning sign								
Seizure	0.84 (0.65 - 1.08)	1.01 (1 - 1.02)			•-•			
Meningeal signs or focal neurology	2.77 (1.87 - 4.11)	0.99 (0.98 - 1)	•					
Non-blanching rash	0.62 (0.44 - 0.87)	1.01 (1.01 - 1.02)			•			
Oxygen saturations <94%	1.59 (1.22 - 2.06)	0.99 (0.97 - 1)	••					
Prolonged capillary refill	3.13 (2.34 - 4.18)	0.98 (0.97 - 0.99)	•					
Increased work of breathing	1.4 (1.22 - 1.61)	0.96 (0.94 - 0.98)	∞					
III appearance	2.45 (2.29 - 2.61)	0.74 (0.71 - 0.77)	••					
Tachycardia	1.21 (1.15 - 1.27)	0.85 (0.81 - 0.89)	• • •					
Tachypnea	1.29 (1.2 - 1.39)	0.86 (0.81 - 0.91)	0-4 ◆					
Any warning sign	1.15 (1.13 - 1.17)	0.47 (0.4 - 0.55)	•					
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			1	2	5	10	20	50
				Probability (%)				

Legend:

The change from pre-test probabilities (blue dots) to post-test probabilities using negative likelihood ratios (green dots; rule out value) and positive likelihood ratios (red dots; rule in value) for non-specific signs and symptoms, duration of fever, and clinical warning signs. Please note, the incidence of SBI varies based on number of available data for each of the predictor variables. The x-axis is depicted on a logarithmic scale.