

**Supplementary table 2:** Demographics of children with diarrhea and associated acute Lower Respiratory Tract Infection (aLRTI)

Variable	aLRTI n=405 (%)	no aLRTI n=1960 (%)	p-value
Male gender	230 (56.8)	1097 (56.0)	0.762
Length of stay, median (IQR)	3 (1-7)	1 (1-4)	<0.001
Age			
<6 months	124 (30.6)	454 (23.2)	0.002
Anthropometry <sup>1</sup>			
Weight/age Z-score median (IQR)	-1.37 (-2.49 to -0.41)	-1.60 (-2.99 to -0.55)	0.010
Length/age Z-score median(IQR)	-1.28 (-2.47 to -0.16)	-1.50 (-2.88 to -0.28)	0.030
Outcome			
Death in hospital	20 (5.0)	48 (2.4)	0.006
HIV-infected	44 (10.9%)	103 (5.3%)	<0.001

<sup>1</sup>weight and length measurements were available for 396 (97.8%) and 315 (77.8%) for those with aLRTI, and weight and length measurements were available for 1864 (95.1%) and 1486 (75.8%) for those without LRTI, respectively.