

Supplemental Table 1. Baseline characteristics among children who were and were not included in the 12-month mortality outcome analysis

	Included in analysis (N=19097)	Excluded from analysis (N=2733)
Age (days)		
Median (Q1 to Q3)	11.0 (9.00 to 14.0)	11.0 (9.00 to 16.0)
Missing	0 (0%)	1 (0.0%)
Sex		
Female	9455 (49.5%)	1389 (50.8%)
Male	9642 (50.5%)	1344 (49.2%)
Region		
Centre	1837 (9.6%)	33 (1.2%)
Boucle du Mouhoun	2031 (10.6%)	597 (21.8%)
Cascade	3490 (18.3%)	495 (18.1%)
Centre Ouest	2184 (11.4%)	244 (8.9%)
Hauts-Bassins	9555 (50.0%)	1363 (49.9%)
Missing	0 (0%)	1 (0.0%)
Birthweight (g)		
Median (Q1 to Q3)	3000 (2700 to 3270)	3000 (2700 to 3200)
Missing	471 (2.5%)	40 (1.5%)
Pregnancy type		
Singleton	18765 (98.3%)	2688 (98.4%)
Multiple	328 (1.7%)	44 (1.6%)
Missing	4 (0.0%)	1 (0.0%)
Mother's age		
Median (Q1 to Q3)	25.0 (21.0 to 30.0)	25.0 (20.0 to 30.0)
Missing	5 (0.0%)	1 (0.0%)
Mother's education		
None	10383 (54.4%)	1555 (56.9%)
Primary	3502 (18.3%)	465 (17.0%)
Secondary or above	5208 (27.3%)	712 (26.1%)
Missing	4 (0.0%)	1 (0.0%)
No. of antenatal visits		
Median (Q1 to Q3)	4.00 (3.00 to 5.00)	4.00 (3.00 to 5.00)
Missing	31 (0.2%)	3 (0.1%)

Supplemental Table 2. Mortality among all children with any vital status measurement regardless of timing of assessment

12-month mortality	Azithromycin			Placebo			HR (95% CI)	P-value*
	N	n	%	N	n	%		
	10508	52	0.5%	10582	64	0.7%	0.82 (0.57 to 1.18)	0.40

Abbreviations: HR, hazards ratio; CI, confidence interval

*Permutation P-value (10,000 replications)

**Fever in the absence of another diagnosis

Supplemental Table 3. Average age of death in days by cause of death as determined by verbal autopsy

Cause of death	N	Mean age at death, days (standard deviation)
Malaria	38	157 (85)
Acute respiratory infection	28	115 (71)
Other infectious cause	21	116 (79)
Neonatal sepsis	9	20 (5)
Diarrheal disease	5	121 (61)
Acute abdomen	5	89 (35)
Severe acute malnutrition	2	226 (151)
Accident	3	40 (21)
HIV/AIDS	1	66 (NA)