Supplementary Table 1: Participant characteristics by exposure to 2 doses versus ≥ 3 doses of IPTp-SP

| Characteristics at enrolment | Doses of SP received – number (%) | | | | *P*-value |
| | 2 doses | | ≥ 3 doses | | |
	n = 310		n = 280		
Age of participants					0.521
Mean (SD)*	25.6	(6.4)	25.2	(6.4)	
Median (IQR)*	25.0	(20.0, 30.0)	24.0	(20.0, 30.0)	
Marital status					0.479
Single	61	(19.7)	62	(22.1)	
Married, divorced/separated or widowed	249	(80.3)	218	(77.9)	
Age at sexual debut					0.328
< 15 years of age	21	(6.8)	28	(10.0)	
≥ 15 years of age	241	(77.7)	214	(76.4)	
Unknown	48	(15.5)	38	(13.6)	
Number of lifetime sexual partners					0.460
1 partner	150	(49.0)	122	(43.9)	
2 partners	83	(27.1)	78	(28.1)	
3 partners	48	(15.7)	46	(16.5)	
4 or more partners	25	(8.2)	32	(11.5)	
Gravidae					0.936
Primigravidae	86	(27.7)	79	(28.2)	
Secundigravidae	42	(13.5)	35	(12.5)	
Multigravidae	182	(58.7)	166	(59.3)	
Wealth Quintiles					0.379
Lowest	68	(21.9)	47	(16.8)	
Second	58	(18.7)	53	(18.9)	
Middle	59	(19.0)	54	(19.3)	
Fourth	56	(18.1)	66	(23.6)	
Highest	69	(22.3)	60	(21.4)	
Bed net ownership					0.564
No	160	(51.6)	137	(48.9)	
Yes	150	(48.4)	143	(51.1)	

Used insecticide treated net on previous night					0.932
No	193	(62.7)	173	(62.0)	
Yes	115	(37.3)	106	(38.0)	
Missing	2		1		
Indoor residual spraying in the previous 12 months					0.002
No	247	(82.9)	192	(71.6)	
Yes	51	(17.1)	76	(28.4)	
Missing	12		12		
Experienced miscarriage before					0.470
No	193	(86.2)	178	(88.6)	
Yes	31	(13.8)	23	(11.4)	
None reported by primigravidae	86		79		
Delivered a premature baby before					0.297
No	214	(95.5)	187	(93.0)	
Yes	10	(4.5)	14	(7.0)	
Not applicable to primigravidae	86		79		
Delivered a stillborn before					0.737
No	205	(91.5)	182	(90.5)	
Yes	19	(8.5)	19	(9.5)	
Not applicable to primigravidae	86		79		
HIV status					0.528
Negative	270	(87.1)	249	(88.9)	
Positive	40	(12.9)	31	(11.1)	
Malaria and curable STIs/RTIs					
Malaria (PCR diagnosis)	171	(56.1)	175	(62.9)	0.092
Syphilis (high titre)	7	(2.3)	10	(3.6)	0.462
Neisseria gonorrhoeae	15	(4.8)	6	(2.1)	0.117
Chlamydia trachomatis	16	(5.2)	10	(3.6)	0.423
Trichomonas vaginalis	73	(23.5)	67	(23.9)	0.923
Bacterial vaginosis	145	(46.8)	132	(47.1)	0.934

Characteristics at delivery

Place of delivery					0.418
Hospital	292	(94.2)	259	(92.5)	
Clinic	7	(2.3)	12	(4.3)	
Home	11	(3.5)	9	(3.2)	
Delivery performed by					0.782
Doctor	20	(6.5)	18	(6.4)	
Midwife	277	(89.4)	247	(88.2)	
Family member	9	(2.9)	8	(2.9)	
Other	4	(1.3)	7	(2.5)	
Type of labour					0.920
Spontaneous	292	(97.7)	266	(97.1)	
Induced	4	(1.3)	5	(1.8)	
Augmented	3	(1.0)	3	(1.1)	
Type of delivery					0.870
Vaginal	290	(93.5)	261	(93.2)	
C-section	20	(6.5)	19	(6.8)	
Hypertension					0.198
No	276	(98.9)	230	(97.0)	
Yes	3	(1.1)	7	(3.0)	
Maternal hemoglobin					0.429
Normal	249	(84.7)	221	(82.2)	
Anaemic	45	(15.3)	48	(17.8)	
Sex of baby					1.000
Female	151	(48.7)	136	(48.6)	
Male	159	(51.3)	144	(51.4)	
Received curative treatment for malaria infection					0.810
No	269	(86.8)	239	(86.0)	
Yes	41	(13.2)	39	(14.0)	
Received curative treatment for any STI/RTI					0.038
Untreated	291	(93.9)	249	(88.9)	
Treated	19	(6.1)	31	(11.1)	

* Age is shown as the median value with the interquartile range in parentheses.

P-values are from Wilcoxon rank sum test (continuous variables) or Fisher's exact test (categorical variables).

PCR = polymerase chain reaction