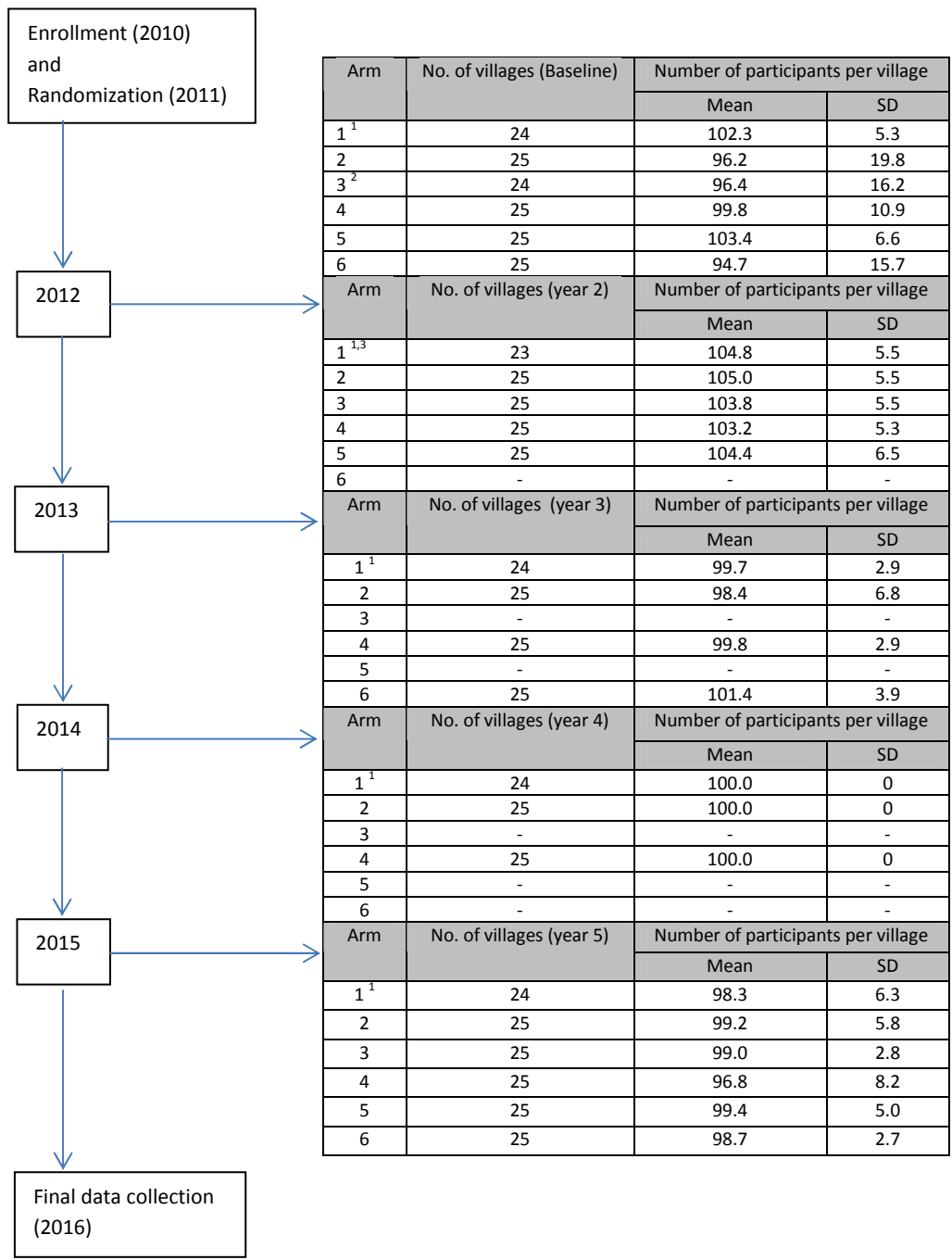


Figure S1. Study flow chart

Screened for eligibility (n= 308); excluded (n=158) for not meeting inclusion criteria; included 150 villages



¹ Nyakasungwa, Tz120 was excluded due to low compliance (all years)

² Ihale, Tz040, no children was investigated in Y1

³ Bukumbi, Tz009 was missing in Y2

Table S1. Mean prevalence calculated as means of the prevalence of individual villages in % by year by arm for females and males separately and for the two sexes combined. Difference between genders are calculated using the Mann-Whitney U Test

	Arm 1	Arm 2	Arm 3	Arm 4	Arm 5	Arm 6
Year 1						
Females	53.3	52.4	47.3	50.1	58.2	57.4
Males	60.6	58.6	50.0	55.1	63.4	57.8
Total	56.9	55.5	48.6	52.5	60.6	57.6
P-value for difference between genders	0.32	0.37	0.87	0.36	0.57	0.94
Year 2						
Females	59.5	54.8	55.2	52.8	56.2	-
Males	61.1	56.1	56.1	52.4	55.8	-
Total	60.4	55.4	55.5	52.6	55.7	-
P-value for difference between genders	0.87	0.89	0.99	0.84	0.92	
Year 3						
Females	39.6	35.3	-	35.3	-	39.5
Males	43.2	42.2	-	37.8	-	40.8
Total	41.3	38.2	-	36.5	-	40.1
P-value for difference between genders	0.59	0.46		0.57		0.66
Year 4						
Females	24.7	20.8	-	24.5	-	-
Males	28.9	22.9	-	27.8	-	-
Total	26.5	21.7	-	25.9	-	-
P-value for difference between genders	0.38	0.99		0.52		
Year 5						
Females	40.3	42.4	46.3	39.6	48.6	47.1
Males	39.7	44.9	49.6	45.0	50.4	50.1
Total	40.0	43.6	47.9	42.0	49.3	48.6
P-value for difference between genders	0.98	0.73	0.64	0.66	0.89	0.72