

Appendix - Supplementary Information

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Methods

Authors roles: Designed study (CLK, JWK, GJW), gathered data (JKS, NS, Y-CC, BM, CLK), coordinated the study (CLK, LJR, PMS, BM, Y-CC), analyzed the data (CLK, Y-CC, GJW, JWK), and CLK vouches for the data and analysis. GJW, CLK and JWK decided to publish. CLK wrote the first draft, revised by GJW and JWK, and all authors contributed to writing subsequent drafts.

Table S1. The odds of complete clearance of blood Mf with IVM/DEC/ALB x 1 relative to DEC/ALB x 1 and DEC/ALB x 2 at 24 months post-treatment adjusted for age, sex, village of residence and baseline Mf levels at using a generalized linear model.

Tmt	Odds				
	ratio	SE	95% CI		P
DEC/ALB x 2	30.3	2.4	5.6	162.6	<0.0001
DEC/ALB x 1	46.2	2.4	8.5	252.1	<0.0001
IVM/DEC/ALB x 1	reference				
Age	0.99	1.01	0.97	1.02	0.628
Sex (F relative to M)	0.48	1.35	0.26	0.86	0.014
Village	0.92	1.12	0.87	1.14	0.452
Mf Baseline	1.03	1.01	1.01	1.05	0.004

- Analysis was performed using a generalized estimating equation (GEE, SAS v 9.2)
- Quasi Likelihood under Independence Model Criterion (QIC) was 335 suggesting a good model fit.
- The independent effects of age, sex, location and baseline Mf are shown.