

Table S1. Unadjusted and adjusted effect of placental viral load, peripheral viral load, and CD4+ T-cell count on prevalence of low birthweight and excluding observations with PTD, stratified by maternal malaria status.

METRIC	Malaria-positive				Malaria-negative			
	uPR	95% CI	aPR	95% CI	uPR	95% CI	aPR	95% CI
Placental viral load								
Per 1·0-log ₁₀ increase	1·49	0·88, 2·52	1·64	0·98, 2·74	1·30	0·93, 1·83	1·27	0·94, 1·73
Peripheral viral load								
Per 1·0-log ₁₀ increase	1·64	0·83, 3·22	1·64	0·81, 3·30	1·43	0·99, 2·06	1·46	1·00, 2·13
CD4+ T-cell count								
Per 100-cell/μl decrease	1·03	0·84, 1·26	1·03	0·85, 1·24	1·14	1·02, 1·28	1·15	1·02, 1·28

uPR: unadjusted prevalence ratio

aPR: adjusted prevalence ratio; all adjusted models control for residence, maternal education, primigravid status and maternal anemia

CI: confidence interval

Table S2. Unadjusted and adjusted effect of placental viral load, peripheral viral load, and CD4+ T-cell count on prevalence of low birthweight and excluding observations with HIV-positive infants (HIV-infected in utero), stratified by maternal malaria status.

METRIC	Malaria-positive				Malaria-negative			
	uPR	95% CI	aPR	95% CI	uPR	95% CI	aPR	95% CI
Placental viral load								
Per 1.0-log ₁₀ increase	1.13	0.71, 1.79	1.18	0.73, 1.91	1.34	0.99, 1.80	1.37	1.04, 1.81
Peripheral viral load								
Per 1.0-log ₁₀ increase	0.72	0.46, 1.13	0.72	0.46, 1.13	1.51	1.14, 2.01	1.49	1.12, 1.97
CD4+ T-cell count								
Per 100-cell/ μ l decrease	1.00	0.85, 1.17	1.00	0.86, 1.16	1.08	0.99, 1.18	1.08	0.99, 1.18

uPR: unadjusted prevalence ratio

aPR: adjusted prevalence ratio; all adjusted models control for residence, maternal education, primigravid status and maternal anemia

CI: confidence interval

Table S3. Unadjusted and adjusted effect of placental viral load, peripheral viral load, and CD4+ T-cell count on prevalence of preterm delivery and excluding observations with HIV-positive infants (HIV-infected in utero), stratified by maternal malaria status.

METRIC	Malaria-positive				Malaria-negative			
	uPR	95% CI	aPR	95% CI	uPR	95% CI	aPR	95% CI
Placental viral load								
Per 1·0-log ₁₀ increase	1·07	0·67, 1·70	1·01	0·63, 1·61	1·25	0·90, 1·74	1·24	0·90, 1·71
Peripheral viral load								
Per 1·0-log ₁₀ increase	0·63	0·43, 0·92	0·53	0·34, 0·81	1·15	0·84, 1·57	1·11	0·81, 1·53
CD4+ T-cell count								
Per 100-cell/μl decrease	1·07	0·91, 1·25	1·05	0·90, 1·22	1·19	1·06, 1·34	1·18	1·05, 1·32

uPR: unadjusted prevalence ratio

aPR: adjusted prevalence ratio; all adjusted models control for residence, maternal education, primigravid status and maternal anemia

CI: confidence interval

Table S4. Unadjusted and adjusted effect of placental viral load, peripheral viral load, and CD4+ T-cell count on prevalence of preterm delivery, stratified by diagnostic method for maternal malaria.

	Peripheral blood smear-positive				Peripheral blood smear-negative			
	uPR	95% CI	aPR	95% CI	uPR	95% CI	aPR	95% CI
Placental viral load								
Per 1.0-log ₁₀ increase	1.27	0.48, 3.38	1.89	0.41, 4.07	1.29	1.05, 1.59	1.24	1.01, 1.52
Peripheral viral load								
Per 1.0-log ₁₀ increase	0.52	0.30, 0.89	0.46	0.27, 0.78	1.14	0.89, 1.46	1.06	0.85, 1.32
CD4+ T-cell count								
Per 100-cell/ μ l decrease	1.00	0.71, 1.39	0.92	0.67, 1.25	1.15	1.06, 1.25	1.14	1.04, 1.24
	Placental blood-positive				Placental blood-negative			
	uPR	95% CI	aPR	95% CI	uPR	95% CI	aPR	95% CI
Placental viral load								
Per 1.0-log ₁₀ increase	0.98	0.54, 1.79	0.95	0.53, 1.68	1.30	1.04, 1.61	1.27	1.02, 1.58
Peripheral viral load								
Per 1.0-log ₁₀ increase	0.52	0.26, 1.03	0.57	0.28, 1.15	1.17	0.91, 1.49	1.08	0.86, 1.36
CD4+ T-cell count								
Per 100-cell/ μ l decrease	1.12	0.85, 1.48	1.10	0.83, 1.45	1.14	1.04, 1.24	1.12	1.02, 1.22
	Histology-positive				Histology-negative			
	uPR	95% CI	aPR	95% CI	uPR	95% CI	aPR	95% CI
Placental viral load								
Per 1.0-log ₁₀ increase	1.05	0.69, 1.59	1.02	0.68, 1.55	1.33	1.03, 1.71	1.30	1.02, 1.66
Peripheral viral load								
Per 1.0-log ₁₀ increase	0.70	0.48, 1.04	0.57	0.36, 0.91	1.15	0.86, 1.54	1.09	0.82, 1.46
CD4+ T-cell count								
Per 100-cell/ μ l decrease	1.06	0.90, 1.24	1.04	0.90, 1.22	1.13	1.03, 1.25	1.12	1.01, 1.23

uPR: unadjusted prevalence ratio

aPR: adjusted prevalence ratio; all adjusted models control for residence, maternal education, primigravid status and maternal anemia

CI: confidence interval

Table S5. Unadjusted and adjusted effect of placental viral load, peripheral viral load, and CD4+ T-cell count on prevalence of low birthweight, stratified by diagnostic method for maternal malaria.

	Peripheral blood smear-positive				Peripheral blood smear-negative			
	uPR	95% CI	aPR	95% CI	uPR	95% CI	aPR	95% CI
Placental viral load								
Per 1.0-log ₁₀ increase	1.23	0.60, 2.50	1.39	0.73, 2.65	1.24	1.03, 1.49	1.20	1.01, 1.43
Peripheral viral load								
Per 1.0-log ₁₀ increase	0.98	0.42, 2.28	0.98	0.41, 2.33	1.32	1.06, 1.64	1.28	1.03, 1.59
CD4+ T-cell count								
Per 100-cell/ μ l decrease	0.99	0.68, 1.46	0.98	0.68, 1.42	1.10	1.03, 1.18	1.09	1.02, 1.17
	Placental blood-positive				Placental blood-negative			
	uPR	95% CI	aPR	95% CI	uPR	95% CI	aPR	95% CI
Placental viral load								
Per 1.0-log ₁₀ increase	1.15	0.65, 2.05	1.12	0.62, 2.01	1.23	1.01, 1.50	1.26	1.05, 1.52
Peripheral viral load								
Per 1.0-log ₁₀ increase	0.64	0.33, 1.24	0.75	0.40, 1.43	1.37	1.09, 1.72	1.23	1.00, 1.51
CD4+ T-cell count								
Per 100-cell/ μ l decrease	1.03	0.79, 1.33	0.98	0.74, 1.29	1.08	1.01, 1.16	1.08	1.01, 1.16
	Histology-positive				Histology-negative			
	uPR	95% CI	aPR	95% CI	uPR	95% CI	aPR	95% CI
Placental viral load								
Per 1.0-log ₁₀ increase	1.16	0.78, 1.72	1.20	0.79, 1.81	1.21	0.98, 1.51	1.23	1.01, 1.50
Peripheral viral load								
Per 1.0-log ₁₀ increase	0.76	0.52, 1.13	0.77	0.49, 1.20	1.42	1.10, 1.83	1.26	1.01, 1.56
CD4+ T-cell count								
Per 100-cell/ μ l decrease	0.94	0.84, 1.07	0.95	0.85, 1.06	1.09	1.01, 1.18	1.09	1.00, 1.17

uPR: unadjusted prevalence ratio

aPR: adjusted prevalence ratio; all adjusted models control for residence, maternal education, primigravid status and maternal anemia

CI: confidence interval