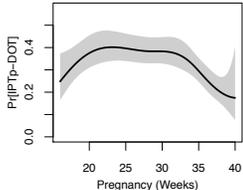
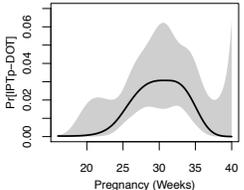
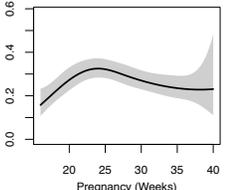
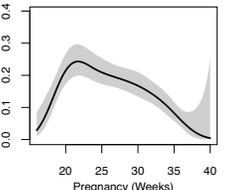
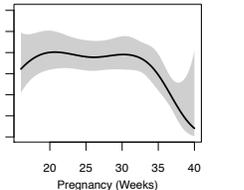


**ADDITIONAL FILE 2**

**Country-specific multivariable results of the modified Poisson regression models of providers' determinants of delivery of intermittent preventive treatment for malaria in pregnancy administered as directly observed therapy**

Variables	Kenya 2010 RR (95% CI) N=1,303	Namibia 2009 RR (95% CI) N=610	Rwanda 2007 RR (95% CI) N=660	Tanzania 2006 RR (95% CI) N=1,521	Uganda 2007 RR (95% CI) N=728
<b>Facilities</b>					
Facility type (Health centre)	Reference	Reference	Reference	Reference	Reference
Hospital	1.03 (0.84-1.27)	-*	-*	0.89 (0.59-1.32)	0.99 (0.75-1.32)
Health post/Dispensary	0.95 (0.71-1.26)	0.76 (0.37-1.59)	0.97 (0.73-1.29)	0.77 (0.53-1.13)	<b>0.58 (0.40-0.86)</b>
Public facility	<b>1.81 (1.34-2.45)</b>	-*	1.07 (0.87-1.33)	1.39 (0.97-1.98)	1.06 (0.80-1.40)
Facility has fee for ANC medicines	0.93 (0.75-1.15)	-*	0.28 (0.06-1.37)	0.40 (0.13-1.26)	-*
Facility has IPTp guidelines	<b>1.25 (1.04-1.50)</b>	4.06 (0.43-38.27)	0.85 (0.71-1.02)	1.21 (0.95-1.55)	1.06 (0.83-1.36)
Facility claims routine IPTp	3.54 (0.52-24.03)	3.31 (0.89-12.29)	-*	5.67 (0.92-34.85)	-*
SP stocked-out on visit day	0.66 (0.36-1.20)	0.16 (0.03-1.05)	<b>0.27 (0.09-0.83)</b>	<b>0.31 (0.16-0.59)</b>	<b>0.09 (0.02-0.42)</b>
<b>Providers</b>					
Provider is a physician	Reference	-*	-*	Reference	-*
Enrolled nurse/Midwife	<b>4.72 (1.18-18.87)</b>	Reference	Reference	1.86 (0.80-4.32)	Reference
Registered nurse/Midwife	<b>4.88 (1.23-19.47)</b>	1.00 (0.54-1.85)	0.98 (0.67-1.44)	1.71 (0.76-3.84)	1.07 (0.84-1.36)
Other	2.96 (0.48-18.23)	-*	0.99 (0.66-1.51)	1.96 (0.89-4.33)	0.95 (0.56-1.61)
Supervised in last 6 months	<b>0.76 (0.62-0.93)</b>	0.68 (0.37-1.24)	1.05 (0.77-1.42)	<b>1.45 (1.02-2.06)</b>	1.29 (0.84-1.97)
Trained for IPTp in last year	1.19 (1.00-1.42)	1.47 (0.70-3.08)	1.07 (0.89-1.28)	1.25 (0.95-1.63)	1.25 (0.98-1.61)
<b>Consultations/Clients</b>					
Primigravidae	1.06 (0.93-1.20)	0.94 (0.51-1.76)	1.00 (0.87-1.15)	1.11 (0.90-1.37)	1.06 (0.89-1.25)
First visit at facility	<b>1.53 (1.33-1.75)</b>	1.50 (0.75-3.00)	1.17 (0.99-1.38)	<b>1.51 (1.26-1.81)</b>	<b>1.75 (1.38-2.22)</b>
Education (None)	Reference	Reference	Reference	Reference	Reference
Primary	1.14 (0.92-1.41)	1.54 (0.59-4.06)	0.90 (0.80-1.00)	0.98 (0.83-1.16)	1.01 (0.83-1.22)
Secondary/Higher	1.20 (0.95-1.50)	2.01 (0.81-4.96)	0.80 (0.63-1.03)	0.84 (0.61-1.15)	1.04 (0.84-1.29)
Age (<20 years)	Reference	Reference	Reference	Reference	Reference
20-29 years	0.97 (0.84-1.13)	0.77 (0.45-1.31)	0.90 (0.71-1.15)	1.22 (0.94-1.59)	1.09 (0.88-1.35)
≥30 years	1.04 (0.87-1.24)	<b>0.19 (0.07-0.54)</b>	0.87 (0.66-1.15)	1.00 (0.75-1.35)	1.03 (0.81-1.31)
Cubic b-spline for weeks of pregnancy (5 degrees of freedom; the grey area represents the 95% confidence intervals)					

Statistically significant results at the  $\alpha=0.05$  level are bolded

RR (95% CI) = relative risk with 95% confidence intervals; IPTp = intermittent preventive treatment for malaria in pregnancy; ANC = antenatal care.

Total number of observations does not match the one from the combined analyses because some categories of variables coded with a missing indicators could not be estimated and these observations had to be excluded from the analyses to ensure numerical stability.

-\* Not enough within-country variation for the effect size of the covariate to be estimated.