

Table S5: Modified Poisson model estimates of the effect of treatment and covariates on testing uptake on the risk ratio (RR) scale

Predictor	Risk Ratios (95% CI)		
	Unadjusted	Adjusted (parsimonious)	Adjusted (full)
RDT subsidy	1.030 (0.995, 1.065)	1.026 (0.995, 1.058)	1.025 (1.005, 1.045)
Conditional ACT subsidy	0.991 (0.976, 1.007)	0.992 (0.974, 1.010)	0.994 (0.981, 1.007)
Interaction between RDT and ACT subsidies	0.993 (0.964, 1.024)	--	0.994 (0.978, 1.011)
Patient gender			
Male	--	--	0.998 (0.983, 1.012)
<i>Reference group:</i>			
<i>Female</i>			
Patients age			
>5 to <18			1.030 (1.009, 1.052)
18 to <35	--	--	1.023 (0.995, 1.051)
35+			1.015 (0.981, 1.049)
<i>Reference group: 0 to 5</i>			
Education			
Primary			0.970 (0.936, 1.005)
Secondary	--	--	0.987 (0.963, 1.012)
<i>Reference group:</i>			
<i><Primary or none</i>			
Occupation			
Unemployed			1.020 (0.987, 1.053)
Employed			1.015 (0.990, 1.042)
Self-employed	--	--	1.002 (0.976, 1.029)
Informal Employment			0.968 (0.905, 1.036)
<i>Reference group:</i>			
<i>Farming</i>			
Household size	--	--	1.001 (0.998, 1.004)
Wealth			
Below poorest 40th centile	--	0.960 (0.929, 0.992)	0.959 (0.930, 0.988)
<i>Reference group: Above poorest 40th centile</i>			

Notes: The reported average main and interaction effects of RDT and conditional ACT subsidies are approximations of risk ratios due to the nature of log link.

Unadjusted model included the main effects of the RDT and conditional ACT subsidies and their interaction to match the 2x2 factorial design. Effect coding was used so that main effects of each subsidy level can be interpreted averaged over the levels of the other subsidy. Fully adjusted model includes age (of patient), gender (of patient), education level (of patient or guardian if patient < 18 years), occupation (of patient or guardian if patient < 18 years), household size, wealth, and main and interaction effects of RDT and conditional ACT subsidies. Only the main effects and wealth was included in the parsimonious model identified by O'Meara et al., 2016.