

Note: This is Online Supplementary Document 1 of Williams V, Calnan M, Edem B, et al. GeneXpert rollout in three high-burden tuberculosis countries in Africa: A review of pulmonary tuberculosis diagnosis and outcomes from 2001 to 2019. *Afr J Lab Med.* 2022;11(1), a1811.
<https://doi.org/10.4102/ajlm.v11i1.1811>

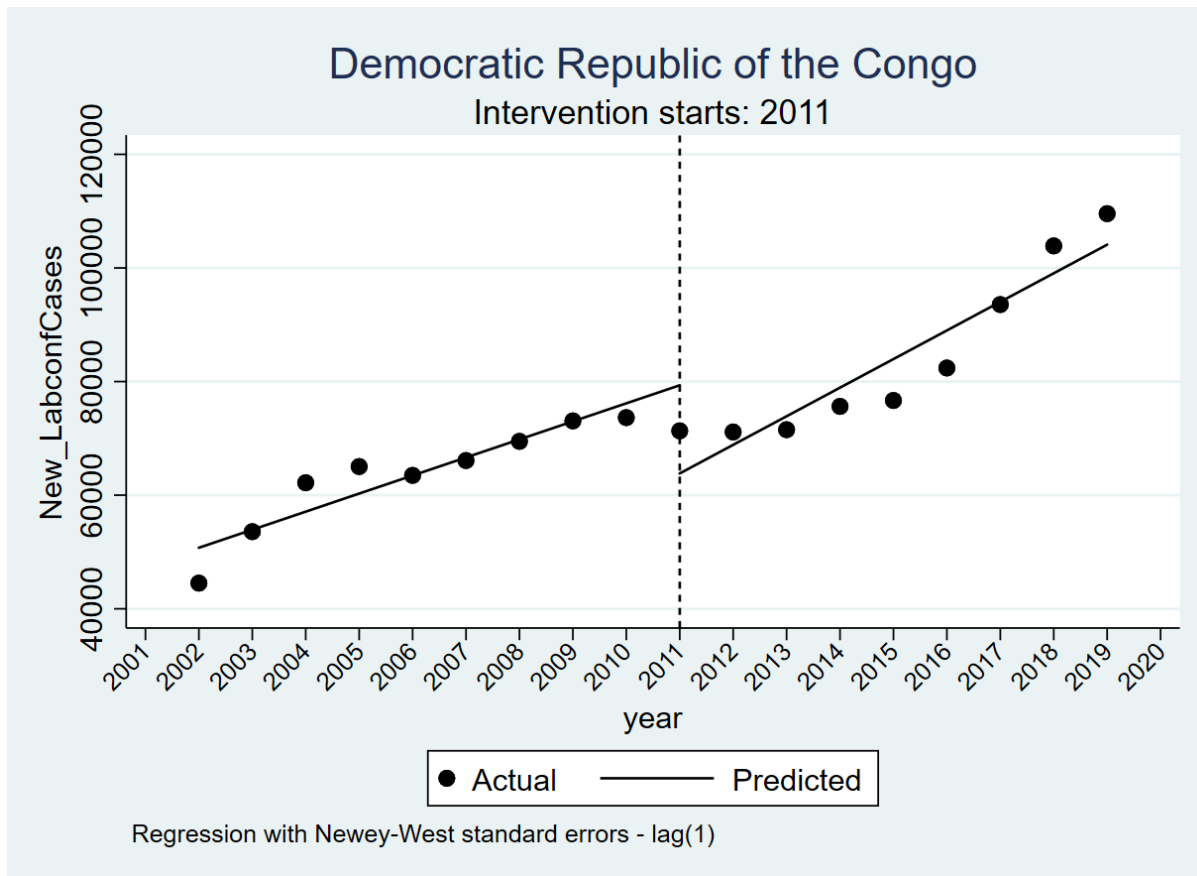


FIGURE 1

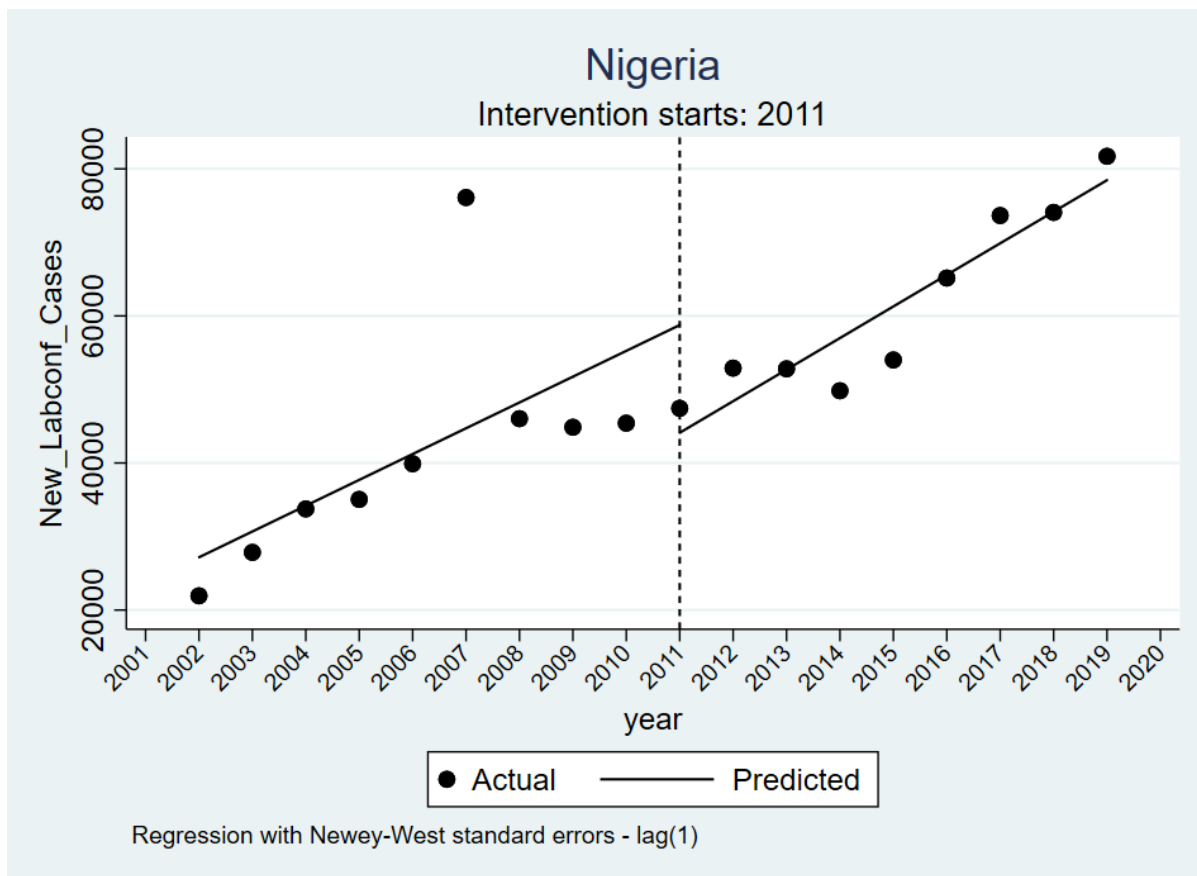


FIGURE 2

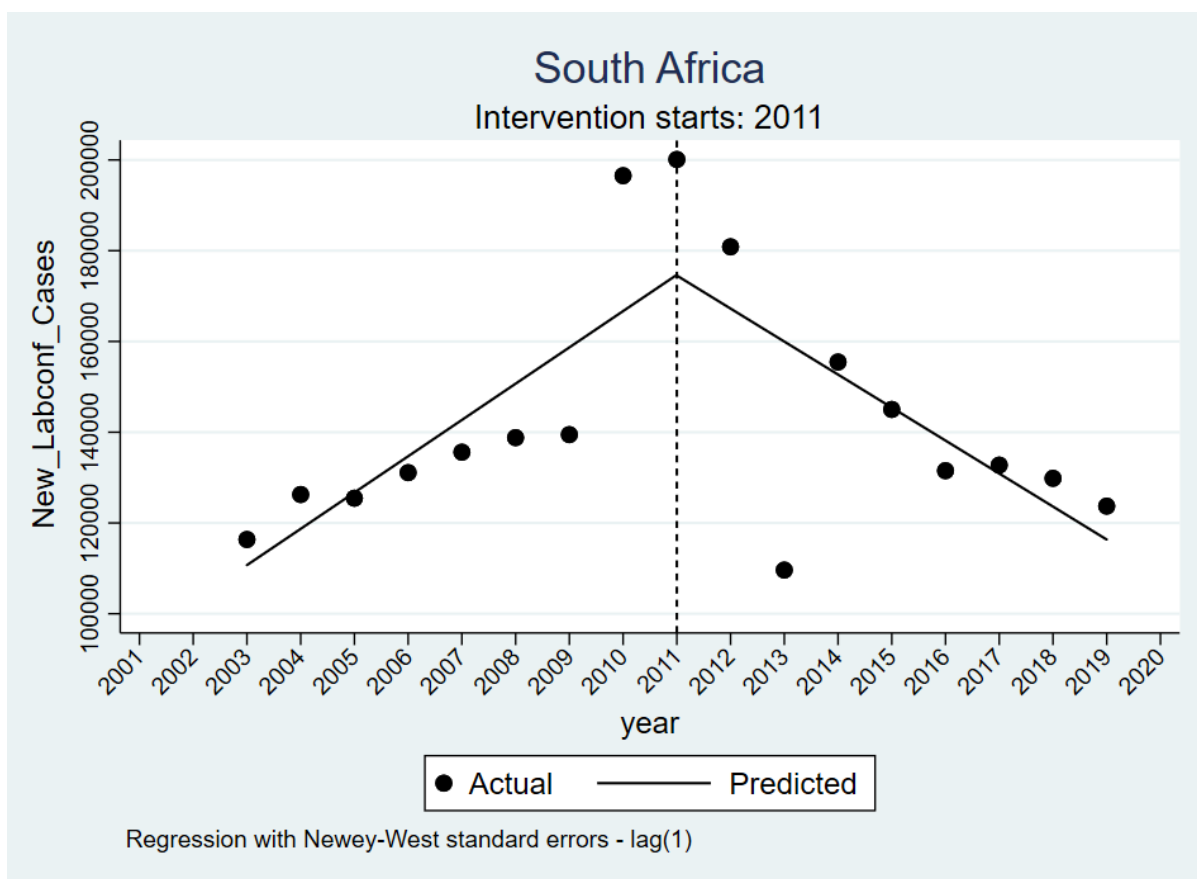
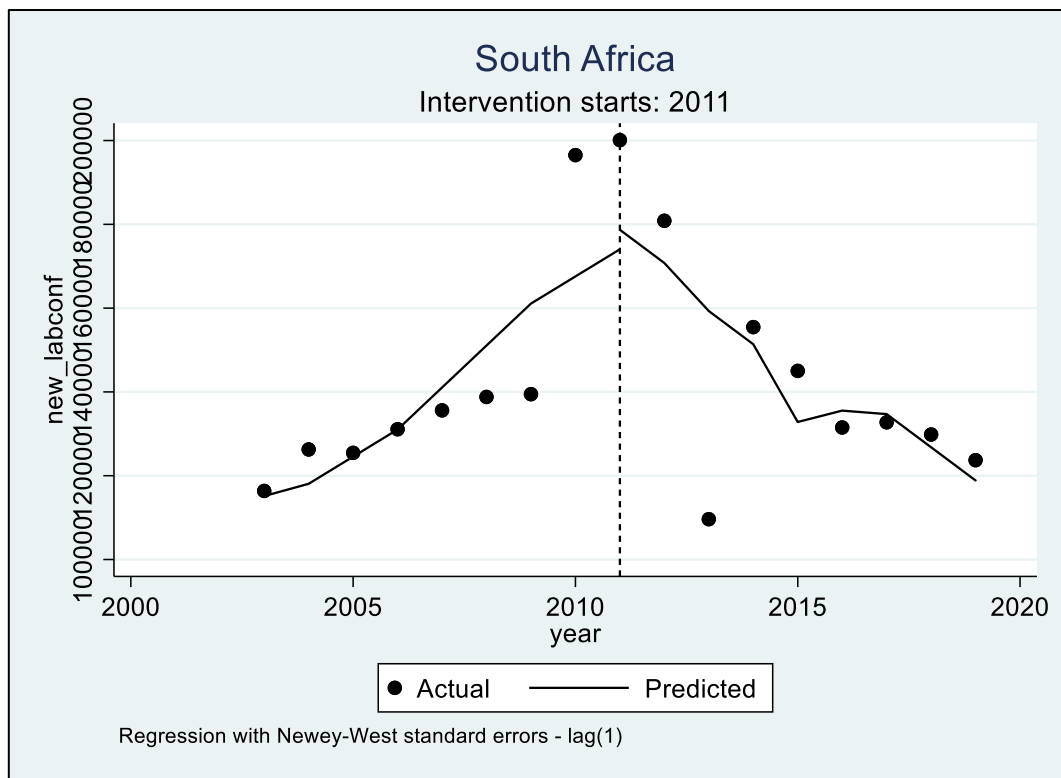


FIGURE 3



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. itsa new_labconf e_tbhiv_prct, single treat(3) trperiod(2011) lag(1) posttrend figure
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panel variable: Country (strongly balanced)
time variable: year, 2001 to 2019
delta: 1 unit

Regression with Newey-West standard errors Number of obs = 17
maximum lag: 1 F(4, 12) = 3.12
Prob > F = 0.0562

_new_labconf	Newey-West		t	P> t	[95% Conf. Interval]	
	Coef.	Std. Err.				
_t	10022.44	3818.831	2.62	0.022	1701.918	18342.96
_x2011	-2439.158	20915.77	-0.12	0.909	-48010.69	43132.38
_x_t2011	-14399.66	4202.098	-3.43	0.005	-23555.25	-5244.078
e_tbhiv_prct	3545.744	3145.195	1.13	0.282	-3307.046	10398.53
_cons	-129511.8	214909.8	-0.60	0.558	-597760.1	338736.4

Postintervention Linear Trend: 2011

Treated: _b[_t]+_b[_x_t2011]

Linear Trend	Coef.	Std. Err.	t		[95% Conf. Interval]	
Treated	-4377.225	3161.689	-1.38	0.191	-11265.95	2511.503

FIGURE 4: Actual and predicted new laboratory-confirmed cases in South Africa controlling for TB/HIV Percent.