

Appendix 4: Results of difference in difference analysis**Appendix 4a: Monthly ART initiations in HIVST and non-HIVST areas at different time periods**

Self-testing available	Time period	Total initiations	Total months of follow-up	Initiations per month (crude)
Non-HIVST area	Pre-distribution	5783	744	7.77
HIVSTST area	Pre-distribution	1754	240	7.31
Non-HIVST area	Distribution	1857	248	7.49
HIVST area	Distribution	767	80	9.59
Non-HIVST area	Post-distribution	2030	298	6.81
HIVST area	Post-distribution	617	93	6.63

Appendix 4b. Difference-in-difference analysis of ART initiation rate per month in HIVST and non-HIVST areas

	Rate ratio* (95% CI)	p-value	Rate difference * (95% CI)	p-value
Difference at baseline				
Self-testing arm	0.92 (0.82, 1.03)	0.18	-0.28 (-1.11, 0.55)	0.51
Change over time - no HIVST arm				
During intervention	1.12 (1.07, 1.16)	<0.001	-0.11 (-0.38, 0.15)	0.41
After intervention	0.91 (0.88, 0.95)	<0.001	-1.16 (-1.44, -0.89)	<0.001
Interaction - HIVST * time				
During intervention	1.27 (1.17, 1.39)	<0.001	1.79 (1.23, 2.35)	<0.001
After intervention	0.99 (0.91, 1.08)	0.85	-0.1 (-0.65, 0.45)	0.72
Constant	0.249 (0.22, 0.28)	<0.001	3.67 (2.95, 4.38)	<0.001

* Adjusted for variables in the model and clinic district