

**Supplementary Table. Effect of the HMS training on primary and secondary indicators using interrupted time series analysis estimates**

Outcome	Baseline indicator estimate (comparison) N / % (95% CI)	Baseline trend (comparison)	Difference in the level (intercept) of the dependent variable between intervention and comparison prior to the intervention	Difference in the mean slope before intervention	Short term effect comparison group	Long term effect comparison group	Short term effect difference between intervention and comparison district	Long term effect difference between intervention and comparison district
		Estimate (95% CI)						
<b>Primary indicators</b>								
<b>All-cause near-misses among all women who delivered in a facility</b>	1,059 6.3%, (4.5-8.2%)	0.1 (-0.3; 0.4)	-0.8 (-2.6; 1.10)	0.3 (-0.3;0.9)	0.2 (-1.1;1.5)	-0.2 (-0.5;0.2)	-1.5 (-2.4; 2.1)	-0.3 (-1.0; 0.3)
<b>PPH near-misses among all women who delivered in a facility</b>	278 1.7%, (1.1%-2.3%)	-0.1 (-0.2; 0.1)	0.1 (-1.1; 1.3)	0.3 (-0.1; 0.6)	<b>0.7 (0.3; 1.1)</b> **	0.0 (-0.2; 0.2)	-1.3 (-2.4; -0.11) *	-0.3 (-0.7; 0.1)
<b>PPH near-misses among women who suffered PPH during health facility delivery</b>	278 70.1% (60.2-80.0%)	-3.2 (-5.1; -1.3)	4.1 (-1.7; 9.9)	4.1 (2.1; 6.1)	7.2 (-4.2; 18.6)	3.6 (1.5; 5.7)	<b>-20.1 (-33.1; -7.0)</b> *	<b>-5.3 (-7.8; -2.7)</b> ***
<b>Secondary indicators</b>								
<b>PPH cases of all deliveries</b>	411 2.5% (1.7-3.3%)	0.0 (-0.2; 0.2)	-0.1 (-1.6; 1.4)	0.2 (-0.2; 0.7)	0.8 (0.2; 1.4) *	-0.1 (-0.3;0.1)	-0.8 (-2.6; 1.0)	-0.3 (-0.8; 0.2)
<b>Deaths / case fatality in PPH near-miss cases</b>	8 3.4% (0.4-6.4%)	<b>-2.0 (-3.1; -1.0)</b> **	<b>-9.6 (-13.6; -5.7)</b> ***	<b>4.0 (1.8; 6.2)</b> **	3.5 (-3.7; 10.8)	2.4 (1.1;3.7) **	-9.3 (-21.0; 2.4)	<b>-4.0 (-6.5; -1.5)</b> **
<b>AMTSL</b>	334 81.5% (66.3-96.7%)	1.2 (-0.2; 2.6)	<b>16.2 (9.6; 22.8)</b> ***	-2.4 (-5.0; 0.2)	7.3 (0.8; 13.9) *	-0.8 (-2.1; 0.6)	-3.5 (-14.1; 7.1)	2.0 (-0.9; 4.9)

<b>Women treated with iv oxytocin</b>	380 92.4% (88.6-96.2%)	4.8 (1.2; 8.3) *	13.8 (3.6; 24.1) *	-4.3 (-8.0; - 0.6)*	-7.9 (-19.0; 3.2)	<b>-5.4 (-8.9; - 1.8) **</b>	2.7 (-10.7; 16.1)	<b>5.2 (1.4; 8.9) **</b>
<b>Women with Hb &lt;70 g/l before discharge</b>	58 18.4% (0.2-34.5%)	0.2 (-0.8; 1.3)	<b>-8.9 (-13.9; - 4.0) **</b>	1.1 (-0.7; 2.8)	-2.6 (-7.9; 2.7)	-0.6 (-1.8; 0.5)	1.4 (-10.6; 7.8)	-0.8 (-2.7; 1.1)
<b>Women receiving BT</b>	257 63.4% (51.9-74.9%)	-2.5 (-6.1; 0.9)	-9.1 (-20.9; 2.8)	<b>7.2 (3.1; 11.4) **</b>	6.9 (-9.9; 23.7)	3.1 (-0.5; 6.7)	-22.1(-42.2; - 2.1) *	<b>-8.0 (-12.6; -3.4) **</b>
<b>Removal of residuals of placenta</b>	154 35.5% (20.2-50.8%)	1.2 (-0.9; 3.3)	<b>14.5 (5.9; 23.1) **</b>	-0.5 (-3.6; 2.7)	-6.1 (-14.5; 2.4)	-0.1 (-3.1; 2.9)	8.9 (-8.9; 26.7)	-1.8 (-5.9; 2.3)
<b>Women treated with hysterectomy</b>	18 5.4% (0-11%)	3.2 (1.6; 4.7) ***	-1.5 (-6.2; 3.2)	<b>-3.3 (-5.0; - 1.7) ***</b>	<b>-16.1 (-21.9; - 10.4) ***</b>	-3.3 (-4.9; - 1.8) ***	17.2 (11.2; 23.1)	3.3 (1.6; 5.0)