

Note: This is Online Appendix 1 of Ncube NBQ, Chivese T, Mukumbang FC, Bradley HA, Schneider H, Laing R. A combined strategies intervention on the World Health Organization prescribing indicators: A quasi-randomised trial. Afr J Prm Health Care Fam Med. 2024;16(1), a3943. <https://doi.org/10.4102/phcfm.v16i1.3943>

**Supplementary Table 1 – Multivariate linear regression for the effect of the intervention on the WHO INRUD prescribing indicators immediately after the intervention**

	Coef.	Std. Err.	t	P>t	[95% Conf.	Interval]
<b>p_noofdrugs</b>						
region	0.09	0.10	0.84	0.41	-0.13	0.30
levelofcare	0.08	0.28	0.27	0.79	-0.51	0.66
interventioncontrol	0.18	0.23	0.76	0.45	-0.30	0.65
b_antibiotics	-0.01	0.01	-0.94	0.35	-0.03	0.01
_cons	3.63	0.89	4.08	0.00	1.80	5.45
<b>p_generics</b>						
region	1.99	1.49	1.33	0.19	-1.07	5.05
levelofcare	2.10	4.06	0.52	0.61	-6.24	10.44
interventioncontrol	-5.55	3.28	-1.69	0.10	-12.28	1.18
b_antibiotics	0.18	0.16	1.15	0.26	-0.14	0.51
_cons	67.07	12.70	5.28	0.00	41.02	93.12
<b>p_antibiotics</b>						
region	-3.52	2.31	-1.52	0.14	-8.26	1.22
levelofcare	-14.66	6.29	-2.33	0.03	-27.56	-1.76
interventioncontrol	4.79	5.07	0.94	0.35	-5.62	15.20
b_antibiotics	0.03	0.24	0.12	0.91	-0.47	0.53
_cons	71.65	19.64	3.65	0.00	31.35	111.95
<b>p_injections</b>						
region	-1.10	0.93	-1.18	0.25	-3.02	0.82
levelofcare	0.17	2.54	0.07	0.95	-5.04	5.39
interventioncontrol	0.90	2.05	0.44	0.66	-3.31	5.11
b_antibiotics	0.08	0.10	0.80	0.43	-0.12	0.28
_cons	5.34	7.94	0.67	0.51	-10.96	21.64
<b>p_eml</b>						

region	-0.40	0.62	-0.64	0.53	-1.68	0.88
levelofcare	4.28	1.70	2.52	0.02	0.80	7.77
interventioncontrol	-3.69	1.37	-2.70	0.01	-6.50	-0.88
b_antibiotics	0.11	0.07	1.65	0.11	-0.03	0.24
_cons	81.75	5.30	15.42	0.00	70.88	92.63

**Supplementary Table 2 – Multivariate linear regression for the effect of the intervention on the WHO INRUD prescribing indicators post follow up (6 months) after the intervention**

	Coef.	Std. Err.	t	P>t	[95% Conf.	Interval]
f_noofdrugs						
region	-0.02	0.12	-0.19	0.85	-0.27	0.22
levelofcare	0.07	0.33	0.23	0.82	-0.60	0.75
interventioncontrol	0.20	0.26	0.78	0.44	-0.33	0.74
b_antibiotics	-0.02	0.01	-1.31	0.20	-0.04	0.01
_cons	4.23	1.00	4.22	0.00	2.16	6.31
f_generics						
region	3.34	1.43	2.34	0.03	0.40	6.29
levelofcare	-0.48	3.95	-0.12	0.91	-8.64	7.68
interventioncontrol	-4.33	3.13	-1.38	0.18	-10.80	2.14
b_antibiotics	0.49	0.16	3.05	0.01	0.16	0.82
_cons	52.05	12.14	4.29	0.00	26.99	77.10
f_antibiotics						
region	-0.35	1.84	-0.19	0.85	-4.14	3.44
levelofcare	-7.84	5.09	-1.54	0.14	-18.34	2.66
interventioncontrol	-1.42	4.03	-0.35	0.73	-9.74	6.89
b_antibiotics	0.39	0.21	1.91	0.07	-0.03	0.82
_cons	46.95	15.62	3.01	0.01	14.72	79.19
logfinjectionsres						
region	0.00	0.16	0.00	1.00	-0.33	0.33
levelofcare	0.00	0.44	0.00	1.00	-0.90	0.90
interventioncontrol	0.00	0.35	0.00	1.00	-0.72	0.72
b_antibiotics	0.00	0.02	0.00	1.00	-0.04	0.04
_cons	0.00	1.34	0.00	1.00	-2.78	2.78

f_eml						
region	0.43	0.76	0.56	0.58	-1.15	2.01
levelofcare	0.94	2.12	0.45	0.66	-3.43	5.32
interventioncontrol	-3.06	1.68	-1.82	0.08	-6.52	0.41
b_antibiotics	0.09	0.09	1.04	0.31	-0.09	0.27
_cons	86.16	6.51	13.24	0.00	72.72	99.59