

Interrupted time series regression for respiratory infections: monthly case counts in Rwanda's Health Facilities (2015-2024)

Term	coef	std err	t	P> t	[0.025	0.975]
Intercept	1396.81	3.40	410.52	0.00	1390.14	1403.48
C(month) [T.2]	56.77	2.21	25.72	0.00	52.44	61.09
C(month) [T.3]	107.67	2.27	47.47	0.00	103.23	112.12
C(month) [T.4]	-42.93	2.28	-18.84	0.00	-47.39	-38.46
C(month) [T.5]	82.55	2.24	36.93	0.00	78.17	86.93
C(month) [T.6]	76.94	2.22	34.68	0.00	72.59	81.29
C(month) [T.7]	-105.45	2.32	-45.40	0.00	-110.01	-100.90
C(month) [T.8]	-169.94	2.31	-73.42	0.00	-174.48	-165.40
C(month) [T.9]	-149.02	2.32	-64.28	0.00	-153.57	-144.48
C(month) [T.10]	-120.42	2.32	-51.99	0.00	-124.96	-115.88
C(month) [T.11]	-93.34	2.32	-40.20	0.00	-97.89	-88.79
C(month) [T.12]	-38.42	2.32	-16.56	0.00	-42.96	-33.87
time	-10.71	0.07	-162.08	0.00	-10.84	-10.58
intervention	-899.18	4.66	-192.82	0.00	-908.32	-890.04
Time after intervention	10.25	0.08	131.85	0.00	10.10	10.40
Covid cases	0.01	0.00	17.68	0.00	0.01	0.02
lockdown	51.90	2.85	18.23	0.00	46.31	57.48
Covid pandemic	-62.28	1.18	-52.83	0.00	-64.59	-59.97

C(month): Month as categorical variable in the regression, T: Dummy variable for each month relative to the reference month (T.1 i.e January)