

Regression analysis Results for diarrhea: Interrupted time series model with Seasonal and Pandemic Controls (2015-2024)

Term	coef	std err	t	P> t	[0.025	0.975]
Intercept	97.15	0.39	250.85	0.00	96.39	97.91
C(month) [T.2]	-4.19	0.25	-16.66	0.00	-4.68	-3.69
C(month) [T.3]	-5.37	0.26	-20.80	0.00	-5.88	-4.86
C(month) [T.4]	-10.11	0.26	-38.98	0.00	-10.62	-9.60
C(month) [T.5]	-7.45	0.25	-29.30	0.00	-7.95	-6.96
C(month) [T.6]	-4.66	0.25	-18.46	0.00	-5.16	-4.17
C(month) [T.7]	-10.65	0.26	-40.29	0.00	-11.17	-10.13
C(month) [T.8]	-11.49	0.26	-43.61	0.00	-12.01	-10.97
C(month) [T.9]	-9.18	0.26	-34.77	0.00	-9.69	-8.66
C(month) [T.10]	-4.92	0.26	-18.65	0.00	-5.43	-4.40
C(month) [T.11]	-5.59	0.26	-21.15	0.00	-6.11	-5.07
C(month) [T.12]	-4.00	0.26	-15.17	0.00	-4.52	-3.49
time	-0.64	0.01	-85.72	0.00	-0.66	-0.63
intervention	-67.00	0.53	-126.21	0.00	-68.04	-65.95
Time after intervention	0.68	0.01	77.33	0.00	0.67	0.70
Covid cases	0.00	0.00	0.50	0.62	-0.00	0.00
lockdown	-1.89	0.32	-5.82	0.00	-2.52	-1.25
Covid pandemic	-2.54	0.13	-18.91	0.00	-2.80	-2.27

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)