

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

Term	coef	std err	t	P> t	[0.025	0.975]
Intercept	234.73	0.77	304.07	0.00	233.21	236.24
C(month) [T.2]	-2.72	0.50	-5.43	0.00	-3.70	-1.74
C(month) [T.3]	-4.15	0.51	-8.06	0.00	-5.16	-3.14
C(month) [T.4]	-12.56	0.52	-24.30	0.00	-13.58	-11.55
C(month) [T.5]	3.57	0.51	7.03	0.00	2.57	4.56
C(month) [T.6]	13.34	0.50	26.51	0.00	12.36	14.33
C(month) [T.7]	-18.82	0.53	-35.71	0.00	-19.85	-17.78
C(month) [T.8]	-22.31	0.53	-42.48	0.00	-23.34	-21.28
C(month) [T.9]	-14.66	0.53	-27.87	0.00	-15.69	-13.63
C(month) [T.10]	-6.69	0.53	-12.72	0.00	-7.72	-5.66
C(month) [T.11]	-3.53	0.53	-6.70	0.00	-4.56	-2.50
C(month) [T.12]	1.17	0.53	2.21	0.03	0.13	2.20
time	-1.27	0.01	-84.49	0.00	-1.30	-1.24
intervention	-123.15	1.06	-116.39	0.00	-125.22	-121.07
Time after intervention	0.93	0.02	52.52	0.00	0.89	0.96
Covid cases	0.00	0.00	3.38	0.00	0.00	0.00
lockdown	1.40	0.65	2.17	0.03	0.13	2.67
Covid pandemic	-5.50	0.27	-20.57	0.00	-6.03	-4.98

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)