

## S2 Table

Fitted Spatial-Temporal Autoregressive Models						
	$\hat{\alpha}$	$\hat{\beta}_1$	$\hat{\beta}_2$	$\hat{\gamma}$	$\hat{\sigma}$	AIC
AR(1,1)	0.036	0.681	–	0.246	0.157	-311.251
AR(2,1)	0.018	0.455	0.309	0.208	0.154	-337.443

**S2 Table. Fitted spatial-temporal autoregressive models.** Fitted spatial-temporal AR( $p,1$ ) models to logarithms of confirmed COVID-19 cases in New York counties.