

Supplementary Materials

Table S1: Quality Assessment

Quality Assessment			
Criteria	Question	Score	
Source of information (1-5)	Published in a peer-reviewed journal?		
	Yes/No	1/0	
	Are all investigators and institutional affiliations identified?		
	Yes/No	1/0	
	How long was information collected for?		
	More than 1 month	3	
	1 week to 1 month	2	
	1 week	1	
	Study Design (0-11)	Study design described clearly?	
		Yes/No	1/0
Is the design appropriate to the study question?			
Yes/No		1/0	
Are weather variables (Temperature, Humidity, Wind speed, Rainfall) clearly defined, including units of measurement?			
Yes/no		1/0	
Are non-meteorological variables being assessed? (population density, visitors, population movement)			
Yes =0/No = 1		1/0	
Are there appropriate statistical packages for data analysis?			
Yes/No		1/0	
Are spatial or temporal methods (mapping or modelling) used?			
Yes/No	1/0		
Controlled for potential confounders (testing lag, symptom onset, imported vs community transmission etc.)?			
Yes/No			

		1/0
	Is the outcome (COVID-19) clearly defined using ICD9 or ICD10?	
	Yes/No	1/0
	How is COVID-19 data reported?	
	Daily new cases	3
	Cumulative cases	2
	Rt value or mortality	1
Study Results		
(0-3)	Is the main question/hypothesis of the study answered properly?	
	Yes/No	1/0
	Are OR/RR, 95% CI, p values represented?	
	Yes/No	2/0
Study Discussion		
(0-3)	Limitations/innovation of the study discussed?	
	Yes/No	1/0
	Comparison with previous work?	
	Yes/No	1/0
	Discuss plausibility?	
	Yes/No	1/0
Total Score		Min = 1 Max = 22