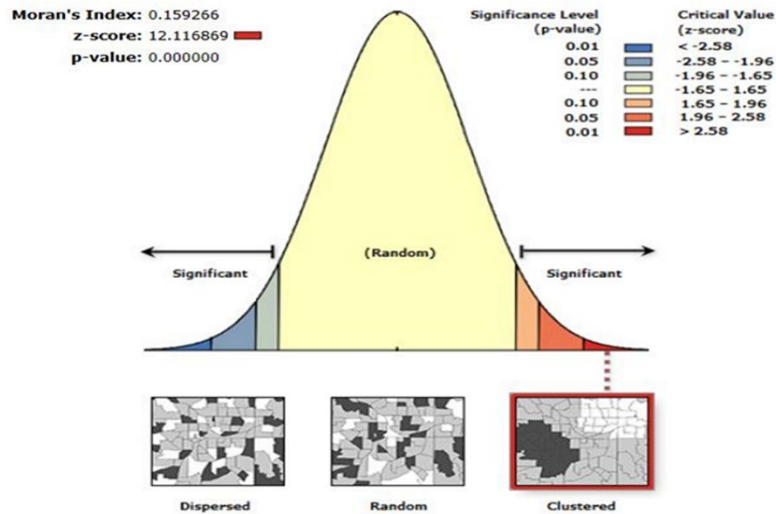


Appendix 1. Cumulative Incidence Rate (CIR), Case Recovery Rate (CRR) and Case Fatality Rate (CFR) during Oct (2019) to Jun (2021)

No	Month	(CIR)	(CRR) 0/0	(CFR) 0/0
		per 10 ⁶		
1	Oct (2019)	0.159	42.561	2.144
2	Nov (2019)	1.138	47.709	3.358
3	Dec (2019)	12.420	19.069	4.697
4	Jan (2020)	44.760	36.815	7.086
5	Feb (2020)	83.679	51.753	6.378
6	Mar (2020)	140.501	60.903	5.233
7	Apr (2020)	234.364	66.690	4.147
8	May (2020)	337.697	73.080	3.596
9	Jun (2020)	448.190	78.050	3.171
10	Jul (2020)	605.160	76.478	2.734
11	Aug (2020)	827.407	76.189	2.437
12	Sep (2020)	1076.923	78.762	2.306
13	Oct (2020)	1327.453	79.986	2.280
14	Nov (2020)	1469.844	84.684	2.323
15	Dec (2020)	1658.566	85.924	2.281
16	Jan (2021)	1947.175	85.994	2.189
17	Feb (2021)	2195.948	90.001	2.170
18	Mar (2021)	2348.353	91.608	2.174
19	Apr (2021)	2550.079	90.237	2.130
20	May (2021)	2805.709	89.360	2.076
21	Jun (2021)	3009.296	90.098	2.045

Appendix 2. Spatial autocorrelation rate of COVID-19 by utilization of Global Moran's I



Given the z-score of 12.11686905, there is a less than 1% likelihood that this clustered pattern could be the result of random chance.

Global Moran's I Summary	
Moran's Index:	0.159266
Expected Index:	-0.003984
Variance:	0.000182
z-score:	12.116869
p-value:	0.000000