

Table 1. - Description of the features

Feature name	Range (Min-Max)	Median	Interquartile Range
Hospital beds(per 1000 population)	1.6 - 4.8	2.5	2 - 3
Doctors (per 100,000 population)	134 - 449.5	263	229 - 298
Number of nursing homes	18 - 1217	226	84 - 383
Total number of nursing home beds	693 - 136000	24558	6949 - 38621
Average household income(\$)	41659 - 69529	51516	48267 - 60713
Total population	578759 - 39512223	4467673	1789606 - 7446805
Population density (per square mile)	1 - 11815	108	51 - 224
Timing of educational facilities closure 0 = No closure,1= closure	03/16/2020 - 04/02/2020	NA	NA
Timing of stay at home order(Month)	None[0]/March[1]/April[2]	NA	NA
Direct flights from Wuhan*	Yes(1)/No(0)	NA	NA
Direct flights from China**	Yes(1)/No(0)	NA	NA
Direct flights from Europe***	Yes(1)/No(0)	NA	NA
Average temperature in Jan(degrees F)	-6 - 75	35	27 - 42
Average temperature in Feb(degrees F)	1 - 75	36	26 - 42
Average temperature in Mar(degrees F)	12 - 75	45	37 - 51
Absolute humidity in Jan(gram/m ³)	2 - 15	5	4 - 7

Absolute humidity in Feb(gram/m ³)	2 - 13	5	3 - 6
Absolute humidity in Mar(gram/m ³)	3 - 15	6	4 - 8.5
Median age(years)	31 - 45	39	37 - 40
Percent of male population(%)	47 - 51	49	49 - 50
Percent of african americans(%)	0 - 45	7	3 - 14.5
Racial majority****	Caucasian: Yes(1)/ No(0)	NA	NA
COVID-19 positive	365 - 312977	7441	3442 - 21904
Death	7 - 18909	288	77 - 1097

NA, not applicable

*Direct flight from Wuhan to a state in the US: 2 states(New York and California).

**Direct flight from China to a state in the US: 10 states in US have direct flights from China

***Direct flight from Europe:17 states in the US have direct flights from China.

**** Racial majority:Caucasian is the majority race in 46 states.(California and New Mexico,District of Columbia,Hawaii and New Mexico have Hispanic,African American,Asian race as majority, respectively)

Figure 1. - Histogrammic representation of features

