

data-summary

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Reproducing summary statistics

Figure 1 on the next page contains the summary statistics.

Figure 1

	Mean	SD	Min	25th %ile	Median	75th %ile	Max	IQR
Population (in thousands)	5624.67	4029.79	720.96	3176.92	4666.55	7181.67	31243.20	4004.75
GDP (Billions USD)	66.02	81.53	5.13	23.14	39.94	72.06	552.18	48.92
Primary sector (Billions USD)	3.54	2.53	0.17	1.93	3.13	4.65	22.45	2.72
Secondary sector (Billions USD)	25.80	26.94	1.89	10.20	16.21	29.99	151.89	19.79
Tertiary sector (Billions USD)	36.68	57.06	2.85	11.53	19.10	35.68	427.53	24.15
Elderly population %	19.51	4.51	4.92	17.13	19.69	22.48	32.20	5.35
Hospital Beds (per thousand people)	6.22	1.22	3.82	5.43	6.10	6.90	9.67	1.47
Registered doctors (per thousand)	2.81	0.76	1.32	2.29	2.73	3.14	5.76	0.85
Registered nurses (per thousand)	3.19	1.01	1.27	2.51	3.03	3.60	6.72	1.09
City area (in km^2)	11733.64	9080.77	1459.00	6339.50	10238.00	14288.50	82402.00	7949.00
Population Density (people per km^2)	652.19	694.77	24.31	314.20	543.98	725.53	6729.49	411.33
GDP per capita (Billions USD per km^2)	10.50	5.28	4.01	6.57	9.06	12.92	29.00	6.35
Primary sector % of GDP	8.42	5.09	0.09	4.12	8.12	11.55	23.08	7.43
Secondary sector % of GDP	41.33	7.58	16.16	36.66	41.46	46.31	60.00	9.65
Tertiary sector % of GDP	50.24	8.08	33.55	45.07	48.62	53.57	83.52	8.50
Average degree of activeness (0-8)	5.36	0.64	2.98	5.05	5.47	5.76	7.08	0.71
Wuhan travellers (thousands)	23.98	85.02	0.00	0.00	2.65	9.09	691.87	9.09
Wuhan travellers (per thousand pop.)	6.01	23.30	0.00	0.00	0.45	1.52	187.25	1.52

Figure 2

	Mean	SD	Min	25th %ile	Median	75th %ile	Max
PM2.5 ($\mu g/m^3$)	46.67	31.34	3.67	27.33	39.67	55.67	349.00
PM10 ($\mu g/m^3$)	70.27	38.73	6.33	42.67	63.67	89.33	378.00
SO2 ($\mu g/m^3$)	10.33	7.41	1.67	6.00	8.00	12.33	92.00
CO (mg/m3)	0.81	0.35	0.20	0.60	0.73	0.93	4.50
NO2 ($\mu g/m^3$)	25.26	11.17	2.67	16.67	24.00	32.00	87.00
O3 ($\mu g/m^3$)	83.82	22.06	5.00	69.00	83.33	97.67	166.67
Relative humidity (%)	71.23	18.20	8.00	60.33	74.67	85.33	100.00
Atmospheric pressure (hpa)	991.77	50.30	644.33	984.00	1011.00	1018.67	1035.33
Wind speed (m/s)	2.23	1.31	0.10	1.40	1.90	2.97	11.47
Average air temperature	8.98	6.34	-22.00	5.00	9.17	13.17	27.67
Degree of activeness	3.59	1.34	0.31	2.42	3.78	4.68	8.81
Morbidity rate	0.02	0.11	-0.00	-0.00	0.00	0.00	3.21
New confirmed cases	6.17	34.26	0.00	0.00	0.00	2.00	1021.00

Figure 3

	Cluster 1	Cluster 2	Cluster 3
Population (in thousands)	19019.47	6266.86	4620.88
GDP (Billions USD)	380.27	97.45	36.97
Primary sector (Billions USD)	5.90	2.92	3.61
Secondary sector (Billions USD)	117.50	39.16	15.92
Tertiary sector (Billions USD)	256.87	55.37	17.44
Elderly population %	17.46	16.54	20.62
Hospital Beds (per thousand people)	6.37	6.73	6.04
Registered doctors (per thousand)	3.49	3.57	2.51
Registered nurses (per thousand)	4.30	4.32	2.74
City area (in km^2)	19653.14	10440.70	11702.39
Population Density (people per km^2)	2386.85	868.45	477.46
GDP per capita (Billions USD per km^2)	147.60	105.22	57.13
Primary sector % of GDP	1.85	3.47	10.47
Secondary sector % of GDP	32.57	39.54	42.45
Tertiary sector % of GDP	65.58	56.99	47.07
Average degree of activeness (0-8)	4.87	4.84	5.57
Wuhan travellers (thousands)	31.69	7.49	29.07
Wuhan travellers (per thousand pop.)	1.59	1.07	7.93

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