

Table S1. Descriptive statics of daily Monkeypox confirmed case and metrological parameter in the world during June to September 2022 by six continents.

Continent Descriptive

Temperature (°C)						
	Africa	Asia	Europe	North America	Oceania	South America
Minimum	4.54	6.73	-4.81	3.04	6.77	1.29
Maximum	33.8	39.58	32.62	32.51	21.16	28.44
Mean ± SD	23.7 ± 5.7	26.55±6.88	16.98±6.03	23.95±4.98	14.53±4.06	19.45±8.72

Dew/frost point temperature(°C)						
	Africa	Asia	Europe	North America	Oceania	South America
Minimum	-8.7	-8.26	-5.91	3.04	3.39	-7.20
Maximum	23.8	27.26	25.2	32.51	25.04	25.66
Mean ± SD	16.7±7.6	14.77±7.46	10.90± 4.36	23.95±4.98	15.81± 7.25	14.91±9.36

Relative humidity (%)						
	Africa	Asia	Europe	North America	Oceania	South America
Minimum	12.5	6.38	17.19	19.44	53.12	36.50
Maximum	97.8	94.44	98.12	97.44	95.44	97.25
Mean ± SD	70.3± 17.6	58.38±23.39	70.68± 14.70	78.09±14.79	80.59± 8.30	78.29±14.86

Precipitation (mm/day)						
	Africa	Asia	Europe	North America	Oceania	South America
Minimum	0.00	0.00	0.00	0.00	0.00	0.00
Maximum	157.00	137.03	66.73	308.09	64.81	173.65
Mean ± SD	4.6± 10.6	3.96±10.98	2.44± 5.90	9.14±24.88	3.08± 8.05	6.67±15.53

Surface pressure (kPa)						
	Africa	Asia	Europe	North America	Oceania	South America
Minimum	88.6	86.67	87.22	79.50	96.50	83.80
Maximum	99.6	101.18	102.93	102.59	103.29	102.37
Mean ± SD	94.3± 3.5	95.30±4.62	96.83± 3.72	96.37±6.36	100.74± 1.66	96.50±5.64

Wind speed (m/s)						
	Africa	Asia	Europe	North America	Oceania	South America
Minimum	0.2	0.51	0	0.16	1.57	0.11
Maximum	6.1	9.08	9.27	10.91	10.45	4.60
Mean ± SD	1.8± 0.9	2.55±1.31	1.93± 1.31	2.98±2.12	5.08± 1.93	0.87±0.95

Daily confirmed case (number of person)						
	Africa	Asia	Europe	North America	Oceania	South America
Minimum	0.00	0.00	0.00	0.00	0.00	0.00

Maximum	130.0	25.00	560.00	1392	18.00	411.00
Mean $\pm$ SD	0.63 $\pm$ 6.04	0.16 $\pm$ 1.13	4.21 $\pm$ 26.38	17.96 $\pm$ 97.13	0.47 $\pm$ 1.87	13.99 $\pm$ 47.26

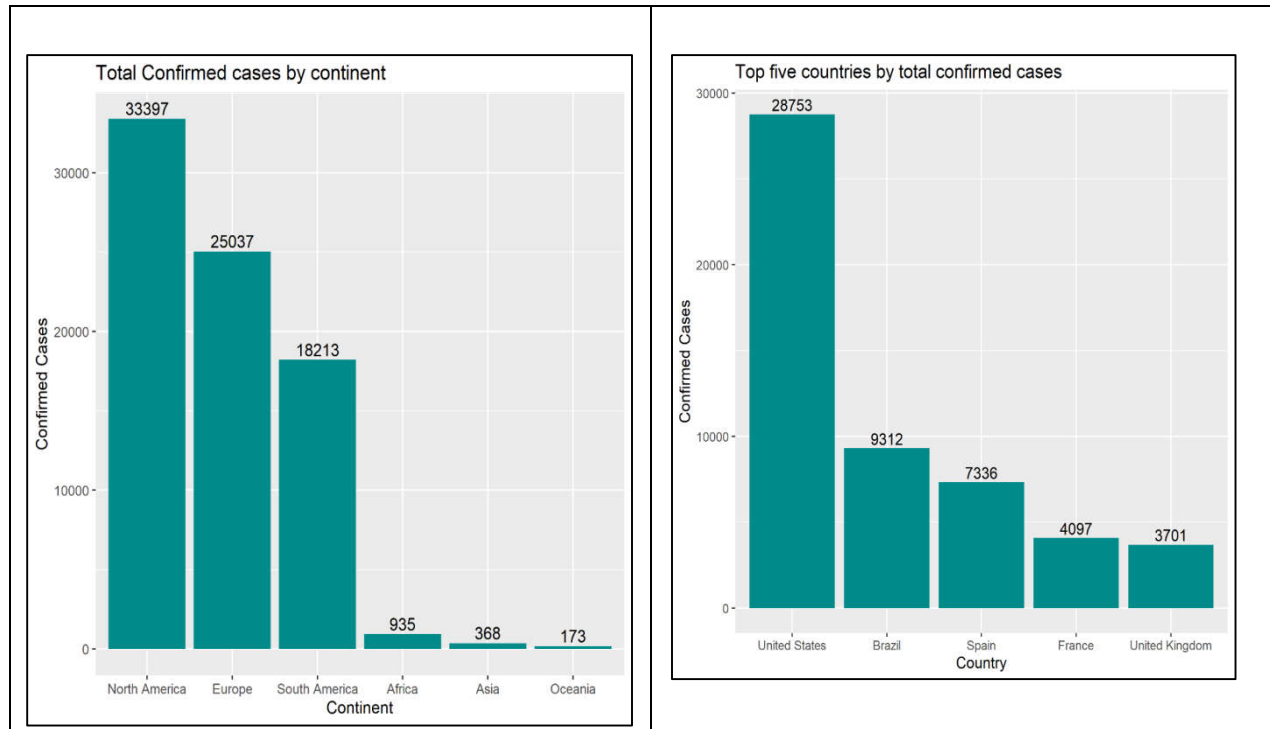


Figure S1. Top five countries based in continent and total confirmed case.