

Measures of Compactness Report

Friday, December 3, 2021

	Reock	Polsby-Popper	Population Polygon	Area/Convex Hull	Population Circle
Sum	N/A	N/A	N/A	N/A	N/A
Min	0.18	0.14	0.22	0.48	0.14
Max	0.65	0.70	0.97	0.96	0.86
Mean	0.43	0.39	0.75	0.78	0.44
Std. Dev.	0.10	0.11	0.15	0.09	0.16
District	Reock	Polsby-Popper	Population Polygon	Area/Convex Hull	Population Circle
01A	0.45	0.30	0.97	0.74	0.72
01B	0.54	0.37	0.79	0.86	0.65
02A	0.36	0.35	0.45	0.73	0.23
02B	0.57	0.51	0.86	0.87	0.62
03A	0.31	0.24	0.36	0.71	0.14
03B	0.36	0.31	0.35	0.77	0.32
04A	0.36	0.14	0.85	0.61	0.85
04B	0.48	0.23	0.46	0.70	0.40
05A	0.32	0.31	0.87	0.73	0.37
05B	0.40	0.41	0.80	0.83	0.29
06A	0.50	0.46	0.94	0.80	0.85

	Reock	Polsby-Popper	Population Polygon	Area/Convex Hull	Population Circle
Sum	N/A	N/A	N/A	N/A	N/A
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Max	0.65	0.70	0.97	0.96	0.86
Mean	0.43	0.39	0.75	0.78	0.44
Std. Dev.	0.10	0.11	0.15	0.09	0.16
District	Reock	Polsby-Popper	Population Polygon	Area/Convex Hull	Population Circle
06B	0.38	0.34	0.59	0.77	0.19
07A	0.42	0.34	0.67	0.78	0.51
07B	0.27	0.18	0.81	0.48	0.65
08A	0.49	0.44	0.67	0.83	0.39
08B	0.37	0.26	0.74	0.64	0.32
09A	0.38	0.43	0.78	0.82	0.38
09B	0.40	0.45	0.81	0.87	0.31
10A	0.48	0.50	0.89	0.86	0.71
10B	0.53	0.46	0.55	0.82	0.40
11A	0.53	0.46	0.82	0.79	0.67
11B	0.47	0.44	0.89	0.81	0.61
12A	0.42	0.45	0.86	0.83	0.56
12B	0.42	0.36	0.85	0.80	0.57
13A	0.55	0.37	0.34	0.78	0.24

	Reock	Polsby-Popper	Population Polygon	Area/Convex Hull	Population Circle
Sum	N/A	N/A	N/A	N/A	N/A
Min	0.18	0.14	0.22	0.48	0.14
Max	0.65	0.70	0.97	0.96	0.86
Mean	0.43	0.39	0.75	0.78	0.44
Std. Dev.	0.10	0.11	0.15	0.09	0.16
District	Reock	Polsby-Popper	Population Polygon	Area/Convex Hull	Population Circle
13B	0.25	0.27	0.77	0.67	0.28
14A	0.33	0.35	0.68	0.77	0.34
14B	0.32	0.16	0.85	0.63	0.62
15A	0.37	0.27	0.31	0.70	0.17
15B	0.45	0.47	0.80	0.81	0.50
16A	0.36	0.36	0.89	0.84	0.41
16B	0.49	0.44	0.96	0.86	0.86
17A	0.52	0.36	0.63	0.81	0.35
17B	0.55	0.59	0.96	0.91	0.65
18A	0.55	0.47	0.71	0.83	0.54
18B	0.59	0.45	0.70	0.84	0.53
19A	0.27	0.23	0.54	0.85	0.32
19B	0.42	0.43	0.93	0.85	0.67
20A	0.34	0.41	0.83	0.79	0.36

	Reock	Polsby-Popper	Population Polygon	Area/Convex Hull	Population Circle
Sum	N/A	N/A	N/A	N/A	N/A
Min	0.18	0.14	0.22	0.48	0.14
Max	0.65	0.70	0.97	0.96	0.86
Mean	0.43	0.39	0.75	0.78	0.44
Std. Dev.	0.10	0.11	0.15	0.09	0.16
District	Reock	Polsby-Popper	Population Polygon	Area/Convex Hull	Population Circle
20B	0.40	0.36	0.66	0.71	0.17
21A	0.48	0.44	0.74	0.81	0.52
21B	0.28	0.22	0.22	0.56	0.16
22A	0.43	0.33	0.60	0.76	0.52
22B	0.53	0.38	0.83	0.80	0.38
23A	0.55	0.40	0.36	0.81	0.30
23B	0.58	0.63	0.81	0.96	0.54
24A	0.22	0.19	0.53	0.55	0.25
24B	0.36	0.36	0.89	0.74	0.46
25A	0.48	0.60	0.78	0.94	0.54
25B	0.65	0.70	0.90	0.95	0.64
26A	0.42	0.46	0.62	0.77	0.41
26B	0.52	0.60	0.63	0.92	0.26
27A	0.40	0.43	0.47	0.75	0.30

	Reock	Polsby-Popper	Population Polygon	Area/Convex Hull	Population Circle
Sum	N/A	N/A	N/A	N/A	N/A
Min	0.18	0.14	0.22	0.48	0.14
Max	0.65	0.70	0.97	0.96	0.86
Mean	0.43	0.39	0.75	0.78	0.44
Std. Dev.	0.10	0.11	0.15	0.09	0.16
District	Reock	Polsby-Popper	Population Polygon	Area/Convex Hull	Population Circle
27B	0.65	0.67	0.94	0.93	0.76
28A	0.18	0.28	0.94	0.68	0.77
28B	0.49	0.46	0.74	0.86	0.44
29A	0.33	0.23	0.54	0.57	0.23
29B	0.60	0.54	0.93	0.86	0.65
30A	0.34	0.31	0.85	0.83	0.30
30B	0.32	0.22	0.57	0.56	0.35
31A	0.25	0.34	0.90	0.82	0.14
31B	0.39	0.45	0.84	0.87	0.24
32A	0.55	0.47	0.77	0.82	0.42
32B	0.41	0.37	0.91	0.76	0.66
33A	0.53	0.37	0.76	0.79	0.52
33B	0.38	0.32	0.81	0.80	0.51
34A	0.49	0.39	0.75	0.77	0.49

	Reock	Polsby-Popper	Population Polygon	Area/Convex Hull	Population Circle
Sum	N/A	N/A	N/A	N/A	N/A
Min	0.18	0.14	0.22	0.48	0.14
Max	0.65	0.70	0.97	0.96	0.86
Mean	0.43	0.39	0.75	0.78	0.44
Std. Dev.	0.10	0.11	0.15	0.09	0.16
District	Reock	Polsby-Popper	Population Polygon	Area/Convex Hull	Population Circle
34B	0.30	0.27	0.68	0.73	0.25
35A	0.44	0.42	0.87	0.82	0.49
35B	0.41	0.46	0.80	0.83	0.37
36A	0.56	0.54	0.94	0.86	0.52
36B	0.37	0.30	0.61	0.69	0.30
37A	0.37	0.29	0.53	0.64	0.30
37B	0.45	0.35	0.75	0.68	0.54
38A	0.48	0.32	0.73	0.73	0.45
38B	0.50	0.36	0.78	0.72	0.50
39A	0.57	0.50	0.79	0.85	0.53
39B	0.54	0.28	0.79	0.78	0.53
40A	0.45	0.37	0.82	0.70	0.51
40B	0.62	0.51	0.81	0.84	0.75
41A	0.41	0.48	0.80	0.87	0.40

	Reock	Polsby-Popper	Population Polygon	Area/Convex Hull	Population Circle
Sum	N/A	N/A	N/A	N/A	N/A
Min	0.18	0.14	0.22	0.48	0.14
Max	0.65	0.70	0.97	0.96	0.86
Mean	0.43	0.39	0.75	0.78	0.44
Std. Dev.	0.10	0.11	0.15	0.09	0.16
District	Reock	Polsby-Popper	Population Polygon	Area/Convex Hull	Population Circle
41B	0.22	0.24	0.59	0.65	0.17
42A	0.49	0.32	0.83	0.76	0.48
42B	0.33	0.24	0.65	0.68	0.37
43A	0.31	0.36	0.86	0.77	0.44
43B	0.42	0.33	0.58	0.75	0.28
44A	0.28	0.34	0.61	0.72	0.17
44B	0.54	0.43	0.80	0.81	0.63
45A	0.50	0.42	0.84	0.77	0.61
45B	0.29	0.31	0.70	0.71	0.34
46A	0.31	0.35	0.71	0.77	0.27
46B	0.50	0.34	0.70	0.72	0.44
47A	0.47	0.45	0.82	0.80	0.56
47B	0.54	0.50	0.82	0.88	0.60
48A	0.42	0.49	0.72	0.86	0.18

	Reock	Polsby-Popper	Population Polygon	Area/Convex Hull	Population Circle
Sum	N/A	N/A	N/A	N/A	N/A
Min	0.18	0.14	0.22	0.48	0.14
Max	0.65	0.70	0.97	0.96	0.86
Mean	0.43	0.39	0.75	0.78	0.44
Std. Dev.	0.10	0.11	0.15	0.09	0.16
District	Reock	Polsby-Popper	Population Polygon	Area/Convex Hull	Population Circle
48B	0.45	0.27	0.75	0.81	0.38
49A	0.45	0.33	0.82	0.71	0.53
49B	0.56	0.48	0.69	0.87	0.35
50A	0.30	0.15	0.58	0.56	0.33
50B	0.44	0.41	0.83	0.79	0.46
51A	0.51	0.38	0.79	0.78	0.50
51B	0.51	0.35	0.70	0.76	0.49
52A	0.41	0.38	0.70	0.76	0.46
52B	0.49	0.37	0.77	0.79	0.45
53A	0.49	0.53	0.85	0.87	0.51
53B	0.49	0.52	0.79	0.85	0.37
54A	0.47	0.50	0.86	0.87	0.51
54B	0.57	0.50	0.86	0.89	0.53
55A	0.55	0.31	0.82	0.76	0.64

	Reock	Polsby-Popper	Population Polygon	Area/Convex Hull	Population Circle
Sum	N/A	N/A	N/A	N/A	N/A
Min	0.18	0.14	0.22	0.48	0.14
Max	0.65	0.70	0.97	0.96	0.86
Mean	0.43	0.39	0.75	0.78	0.44
Std. Dev.	0.10	0.11	0.15	0.09	0.16
District	Reock	Polsby-Popper	Population Polygon	Area/Convex Hull	Population Circle
55B	0.50	0.27	0.53	0.82	0.32
56A	0.55	0.29	0.68	0.80	0.44
56B	0.32	0.21	0.67	0.64	0.36
57A	0.39	0.32	0.79	0.80	0.37
57B	0.30	0.31	0.80	0.73	0.32
58A	0.29	0.32	0.69	0.74	0.29
58B	0.39	0.36	0.70	0.78	0.30
59A	0.47	0.59	0.91	0.88	0.58
59B	0.46	0.42	0.81	0.75	0.47
60A	0.37	0.43	0.67	0.81	0.25
60B	0.47	0.35	0.82	0.75	0.58
61A	0.42	0.59	0.91	0.94	0.31
61B	0.56	0.54	0.88	0.83	0.63
62A	0.35	0.33	0.73	0.71	0.44

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Sum	N/A	N/A	N/A	N/A	N/A
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Std. Dev.	0.10	0.11	0.15	0.09	0.16
District	Reock	Polsby-Popper	Population Polygon	Area/Convex Hull	Population Circle
62B	0.46	0.48	0.76	0.77	0.45
63A	0.36	0.43	0.83	0.82	0.34
63B	0.42	0.31	0.82	0.75	0.43
64A	0.62	0.55	0.96	0.90	0.70
64B	0.42	0.40	0.77	0.77	0.50
65A	0.45	0.39	0.84	0.79	0.54
65B	0.27	0.28	0.64	0.64	0.27
66A	0.48	0.32	0.57	0.73	0.36
66B	0.26	0.33	0.76	0.79	0.33
67A	0.41	0.46	0.88	0.84	0.49
67B	0.40	0.55	0.95	0.89	0.39

Measures of Compactness Summary

Reock	The measure is always between 0 and 1, with 1 being the most compact.
Polsby-Popper	The measure is always between 0 and 1, with 1 being the most compact.
Population Polygon	The measure is always between 0 and 1, with 1 being the most compact.
Area / Convex Hull	The measure is always between 0 and 1, with 1 being the most compact.
Population Circle	The measure is always between 0 and 1, with 1 being the most compact.