

User:

Plan Name: **AL_Illustrative_4**Plan Type: **Congress**

Measures of Compactness Report

Friday, May 10, 2024

5:12 PM

Number of cut edges: 3,416

	Reock	Polsby-Popper	Population Polygon	Area/Convex Hull
Sum	N/A	N/A	N/A	N/A
Min	0.20	0.13	0.58	0.58
Max	0.41	0.34	0.84	0.85
Mean	0.33	0.22	0.69	0.72
Std. Dev.	0.07	0.07	0.10	0.09

District	Reock	Polsby-Popper	Population Polygon	Area/Convex Hull
1	0.20	0.16	0.73	0.58
2	0.36	0.18	0.68	0.70
3	0.33	0.24	0.76	0.79
4	0.30	0.22	0.58	0.72
5	0.33	0.34	0.84	0.85
6	0.35	0.13	0.58	0.65
7	0.41	0.24	0.66	0.78

Measures of Compactness Report

AL_Illustrative_4

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.
Cut Edges	A smaller number implies a more compact plan. The measure should only be used to compare plans defined on the same base layer.