

User:

Plan Name: **AI_Illustrative_Plan_8_**Plan Type: **Congress**

Measures of Compactness Report

Friday, May 10, 2024

9:36 PM

Number of cut edges: 3,635

	Reock	Polsby-Popper	Population Polygon	Area/Convex Hull
Sum	N/A	N/A	N/A	N/A
Min	0.21	0.12	0.41	0.59
Max	0.38	0.40	0.96	0.91
Mean	0.33	0.20	0.66	0.68
Std. Dev.	0.06	0.10	0.17	0.11

District	Reock	Polsby-Popper	Population Polygon	Area/Convex Hull
1	0.21	0.14	0.73	0.59
2	0.32	0.12	0.63	0.60
3	0.33	0.23	0.73	0.72
4	0.33	0.20	0.41	0.61
5	0.37	0.40	0.96	0.91
6	0.38	0.18	0.57	0.69
7	0.38	0.13	0.61	0.63

Measures of Compactness Report

AI_Illustrative_Plan_8_

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.