

Clustering criterion	Optimal number of clusters	Penalization				
		0	0.25	0.5	1	2
Complete	4	0.76	0.76	0.76	0.76	0.75
	24	0.80	0.80	0.79	0.78	0.77
Average	8	0.79	0.79	0.79	0.79	0.78
Ward	7	0.79	0.79	0.78	0.78	0.78
	32	0.83	0.82	0.81	0.80	0.78
Ward ²	54	0.84	0.83	0.82	0.80	0.76
	6	0.79	0.79	0.79	0.79	0.79

Table 1: Optimal number of clusters and their purity values under the normalized Gini-Simpson method for various used clustering methods. The average linkage criterion and both implementations of Ward method seems to be the most successful in separating clusters according to their residences.