Clustering criterion	Optimal number of clusters	Penalization				
		0	0.25	0.5	1	2
Complete	4	0.7602	0.7594	0.7586	0.7570	0.7539
	24	0.8036	0.7989	0.7941	0.7847	0.7657
Average	8	0.7938	0.7922	0.7906	0.7875	0.7812
Ward	7	0.7867	0.7853	0.7840	0.7812	0.7757
	32	0.8266	0.8203	0.8140	0.8013	0.7761
Ward^2	54	0.8409	0.8303	0.8196	0.7983	0.7557
	6	0.7945	0.7933	0.7921	0.7898	0.7850

Table 1: Optimal number of clusters and their purity values under the normalized Entropy 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.