

Additional file 4: Internal cluster validity indices for k = 4

Algorithm	C-index	Silhouette	Compactness	Connectivity
PAM	0.301	0.077	2.239	860.7
DIANA	0.368	0.045	2.360	1048.8
Fuzzy c-means	0.140	0.165	1.988	467.5
K-means	0.150	0.151	2.006	607.7
Ensemble	0.139	0.168	1.991	427.7