evaluation metric	method	score range	true labels	measure
adjusted Rand index	adjusted_rand_score	[-1, 1]	yes	similarity of assignements
Mutual information	mutual_score_info			
Normalized mututual information	normalized_mutual_score_info	[0, 1]	yes	agreement of assignments
Homogeneity score	homogenity_score			homogenetiy
Completeness score	completeness_score	[0, 1]	yes	and comleteness of
V-measure	v_measure_score			assignments
Silhouette coefficient	silhouette_score	[-1, 1]	no	cohesion and separation of cluster members
Calinski-Harabez Index	calinski_harabez_score	[0, ?]	no	within-cluster vs. between-cluster disperssion