



i) Results on simulated datasets

	Penalized Ratkowsky Lance	Penalized Silhouette	Ratkowsky Lance	Silhouette
Ratio Identified features (GMM)	0.93	0.87	0.7	0.47
ARI (GMM)	1.0	1.0	0.98	1.0
NMI (GMM)	1.0	1.0	0.99	1.0
Ratio Identified features (HDBSCAN)	0.22	0.81	0.21	0.35
ARI (HDBSCAN)	0.3	0.89	0.37	0.75
NMI (HDBSCAN)	0.55	0.93	0.6	0.85