

	Precision	Recall	F-measure	Accuracy	FPR
Proposed Method ( $k = 2$ )	0.689	0.707	0.698	0.673	0.366
Proposed Method ( $k = 3$ )	0.711	0.612	0.658	0.659	0.286
Proposed Method ( $k = 4$ )	0.688	0.658	0.673	0.657	0.343
Proposed Method ( $k = 5$ )	0.689	0.665	0.677	0.660	0.345
Semi-Supervised Clustering ( $k = 2$ )	0.763	0.502	0.605	0.650	0.178
Semi-Supervised Clustering ( $k = 3$ )	0.730	0.584	0.649	0.662	0.249
Semi-Supervised Clustering ( $k = 4$ )	0.511	0.822	0.630	0.484	0.906
Semi-Supervised Clustering ( $k = 5$ )	0.727	0.591	0.652	0.662	0.255
Supervised Sparse Clustering ( $k = 2$ )	0.764	0.499	0.604	0.649	0.176
Supervised Sparse Clustering ( $k = 3$ )	0.732	0.579	0.647	0.661	0.243
Supervised Sparse Clustering ( $k = 4$ )	0.772	0.479	0.591	0.645	0.162
Supervised Sparse Clustering ( $k = 5$ )	0.725	0.509	0.598	0.633	0.222