Dataset	Method	Accuracy	Recall	Precision	F1-Score	Clusters
Heart Disease	CBEG DBC	**0.833 ± 0.045**	**0.774 ± 0.049**	0.84 ± 0.078	**0.804 ± 0.051**	3.0 ± 3.0
	CBEG SS	0.752 ± 0.053	0.606 ± 0.121	0.8 ± 0.129	0.676 ± 0.092	13.5 ± 1.3
	CBEG DBC-SS	0.789 ± 0.057	0.747 ± 0.082	0.78 ± 0.109	0.756 ± 0.068	10.3 ± 5.6
	CBEG 2 Clusters	0.815 ± 0.064	0.763 ± 0.089	0.807 ± 0.095	0.782 ± 0.08	2.0
	CBEG 3 Clusters	0.811 ± 0.045	0.687 ± 0.114	**0.879 ± 0.105**	0.76 ± 0.066	3.0
	CBEG 4 Clusters	0.789 ± 0.041	0.678 ± 0.088	0.819 ± 0.078	0.736 ± 0.063	4.0
	CBEG 5 Clusters	0.793 ± 0.069	0.741 ± 0.031	0.789 ± 0.115	0.761 ± 0.071	5.0
	XGBoost	0.756 ± 0.055	0.708 ± 0.13	0.741 ± 0.076	0.716 ± 0.073	-
	Gradient Boosting	0.748 ± 0.086	0.725 ± 0.154	0.726 ± 0.105	0.715 ± 0.095	-
	Random Forest	0.83 ± 0.071	0.767 ± 0.153	0.847 ± 0.091	0.794 ± 0.094	-
	SVM	0.819 ± 0.045	0.758 ± 0.102	0.829 ± 0.077	0.786 ± 0.059	-