Classifier Performance | Selected Feature: Homogeneity | Max ROIs: 30

Legend: GLCM Feature | Best Distance | Max Generations | Mean Distance

Cancer Invasion

Classifier	GLCM Feature	Best Distance	Max Generations	Mean Distance
logistic_regression	59.29	43.74	44.32	39.02
svm_classifier	69.75	49.89	68	40.8
knn_classifier	70.66	50.76	56.54	45.56
decision_tree	75.26	53.41	56.67	48.82
random_forest	70.4	53.86	58.19	47.98
lda_classifier	47.34	38.66	38.66	38.66

Cancer Stage

Classifier	GLCM Feature	Best Distance	Max Generations	Mean Distance
logistic_regression	18.24	11.05	12.83	15.66
svm_classifier	19.36	11	15.65	13.36
knn_classifier	21.11	13.69	12.66	14.72
decision_tree	19.09	15.41	19.27	15.14
random_forest	22.75	16.85	18.29	15.41
lda_classifier	15.02	11.28	12.92	9.27

Cancer Early Vs Late Stage

Classifier	GLCM Feature	Best Distance	Max Generations	Mean Distance
logistic_regression	50.25	52.21	44.1	57.53
svm_classifier	67.42	60.94	60.59	56.26
knn_classifier	71.1	52.15	58.64	66.27
decision_tree	68.27	56.74	60.5	60.49
random_forest	73.69	59.36	52.72	58.1
lda_classifier	51.04	43.48	43.48	43.48

Ptc Vs Mibc

Classifier	GLCM Feature	Best Distance	Max Generations	Mean Distance
logistic_regression	59.83	59.5	58.93	60.14
svm_classifier	66.56	58.56	62.6	58.63
knn_classifier	54.14	54.05	67.69	63.63
decision_tree	61.25	47.58	60.05	63.82
random_forest	57.99	58.2	63.84	67.99
lda_classifier	58.84	51.89	63.91	36.97