Classifier Performance | Selected Feature: Contrast | Max ROIs: 50

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

Cancer Invasion

Classifier	GLCM Feature	Best Distance	Max Generations	Mean Distance
logistic_regression	53.73	57.78	56.68	62.63
svm_classifier	66.43	58.84	53.78	34.55
knn_classifier	68.67	67.04	58.56	55.98
decision_tree	55.93	73.25	51.86	60.01
random_forest	70.95	64.07	48.65	54.01
lda_classifier	69.46	75.69	76.08	73.03

Cancer Stage

Classifier	GLCM Feature	Best Distance	Max Generations	Mean Distance
logistic_regression	17.47	17.41	18.28	9.51
svm_classifier	21.77	7.53	2.37	3.52
knn_classifier	23.9	20.21	30.83	20.21
decision_tree	21.75	16.81	29.74	19.99
random_forest	3.03	1.32	12.45	6.52
lda_classifier	22.63	19.32	24.07	18.16

Cancer Early Vs Late Stage

Classifier	GLCM Feature	Best Distance	Max Generations	Mean Distance
logistic_regression	77.71	65	65.5	61.22
svm_classifier	86.38	43.16	82.94	29.84
knn_classifier	83.08	75.6	81.88	82.38
decision_tree	79.02	58.85	35.39	67
random_forest	86.96	69.57	86.96	69.57
lda_classifier	84.8	86.96	86.96	86.96

Ptc Vs Mibc

Classifier	GLCM Feature	Best Distance	Max Generations	Mean Distance
logistic_regression	55.34	55.8	59.19	42.1
svm_classifier	68.99	52.29	68.69	54.72
knn_classifier	36.38	26.67	51	44.03
decision_tree	57.19	48.8	68.79	27.49
random_forest	64.3	53.15	31.26	51.55
lda_classifier	58.14	69.05	61.54	70.05