Classifier Performance | Selected Feature: Dissimilarity | 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	77.32	62.26	65.6	77.32
svm_classifier	80.62	72.72	75.69	74.95
knn_classifier	77.32	77.32	77.32	78.4
decision_tree	78.31	67.27	80.47	74.33
random_forest	79.46	78.92	77.32	77.32
lda_classifier	73.47	76.19	77.32	76.08

Cancer Stage

Classifier	GLCM Feature	Best Distance	Max Generations	Mean Distance
logistic_regression	24.87	19.17	27.23	12.59
svm_classifier	28.84	21.22	26.09	19.33
knn_classifier	32.47	24.2	27.23	27.7
decision_tree	28.33	21	25.88	26.71
random_forest	28.85	26.1	27.87	26.11
lda_classifier	26.54	19.66	25.16	18.46

Cancer Early Vs Late Stage

Classifier	GLCM Feature	Best Distance	Max Generations	Mean Distance
logistic_regression	86.96	69.57	78.14	72.13
svm_classifier	86.96	86.96	86.96	86.96
knn_classifier	87.51	86.96	86.96	88.9
decision_tree	86.8	84.82	82.91	78.1
random_forest	88.36	86.96	86.96	86.96
lda_classifier	84.9	86.96	86.96	86.96

Ptc Vs Mibc

Classifier	GLCM Feature	Best Distance	Max Generations	Mean Distance
logistic_regression	56.53	64.93	60	56.14
svm_classifier	70.05	70.05	70.05	70.05
knn_classifier	68.42	64.55	69.47	71.29
decision_tree	64.1	54.93	67.85	65.92
random_forest	70.05	63.26	70.1	58.14
lda_classifier	57.64	66.1	63.71	68.87