

RBF SVM - Parameters C (1-1000), Gamma (1-5)		Linear SVM - Parameter C (1-1000)		Polynomial SVM - Parameters C (1-1000), Degrees(1-5)
RBF C=1.0 Gamma=0.001		Linear C=1.0		Poly C=1.0 Deg=1
[0.60655738 0.60655738 0.6 0.61016949 0.61016949]		[0.60655738 0.60655738 0.6 0.61016949 0.61016949]		[0.60655738 0.60655738 0.6 0.61016949 0.61016949]
RBF accuracy: 0.5649999999999995		linear accuracy: 0.5649999999999995		polynomial accuracy: 0.5649999999999995
RBF C=1.0 Gamma=0.01		Linear C=10.0		Poly C=1.0 Deg=2
[0.60655738 0.60655738 0.6 0.61016949 0.61016949]		[0.60655738 0.60655738 0.6 0.61016949 0.61016949]		[0.60655738 0.60655738 0.6 0.61016949 0.61016949]
RBF accuracy: 0.5649999999999995		linear accuracy: 0.5649999999999995		polynomial accuracy: 0.5649999999999995
RBF C=1.0 Gamma=0.1		Linear C=100.0		Poly C=1.0 Deg=3
[0.60655738 0.60655738 0.6 0.61016949 0.61016949]		[0.60655738 0.60655738 0.6 0.61016949 0.61016949]		[0.60655738 0.60655738 0.6 0.61016949 0.61016949]
RBF accuracy: 0.5649999999999995		linear accuracy: 0.5649999999999995		polynomial accuracy: 0.5649999999999995
RBF C=1.0 Gamma=1		Linear C=1000.0		Poly C=1.0 Deg=4
[0.83606557 0.8852459 0.88333333 0.93220339 0.96610169]		[0.60655738 0.60655738 0.6 0.61016949 0.61016949]		[0.60655738 0.6557377 0.6 0.77966102 0.6779661]
RBF accuracy: 0.92000000000000004		linear accuracy: 0.5649999999999995		polynomial accuracy: 0.7099999999999996
RBF C=1.0 Gamma=10.0		Logistic Regression - Parameter C (1-1000)		Poly C=1.0 Deg=5
[0.85245902 0.91803279 0.91666667 0.93220339 1.]		Log Reg C=1.0		[0.70491803 0.67213115 0.66666667 0.74576271 0.71186441]
RBF accuracy: 0.9549999999999996		[0.60655738 0.60655738 0.6 0.61016949 0.61016949]		polynomial accuracy: 0.7199999999999997
		logistic regression accuracy: 0.5649999999999995		
RBF C=10.0 Gamma=0.001		Log Reg C=10.0		Poly C=10.0 Deg=1
[0.60655738 0.60655738 0.6 0.61016949 0.61016949]		[0.60655738 0.60655738 0.6 0.61016949 0.61016949]		[0.60655738 0.60655738 0.6 0.61016949 0.61016949]
RBF accuracy: 0.5649999999999995		logistic regression accuracy: 0.5649999999999995		polynomial accuracy: 0.5649999999999995
RBF C=10.0 Gamma=0.01		Log Reg C=100.0		Poly C=10.0 Deg=2
[0.60655738 0.60655738 0.6 0.61016949 0.61016949]		[0.60655738 0.60655738 0.6 0.61016949 0.61016949]		[0.60655738 0.60655738 0.6 0.61016949 0.61016949]
RBF accuracy: 0.5649999999999995		logistic regression accuracy: 0.5649999999999995		polynomial accuracy: 0.5649999999999995
RBF C=10.0 Gamma=0.1		Log Reg C=1000.0		Poly C=10.0 Deg=3
[0.60655738 0.62295082 0.5 0.59322034 0.61016949]		[0.60655738 0.60655738 0.6 0.61016949 0.61016949]		[0.60655738 0.60655738 0.6 0.61016949 0.61016949]
RBF accuracy: 0.62		logistic regression accuracy: 0.5649999999999995		polynomial accuracy: 0.5649999999999995
RBF C=10.0 Gamma=1		Decision Tree - Parameter Max Depth (1-10)		Poly C=10.0 Deg=4
[0.85245902 0.8852459 0.91666667 0.93220339 0.96610169]		Decision Tree max_depth=1.0		[0.67213115 0.67213115 0.65 0.77966102 0.6779661]
RBF accuracy: 0.9699999999999997		[0.60655738 0.60655738 0.6 0.61016949 0.61016949]		polynomial accuracy: 0.7199999999999997
		Decision Tree accuracy: 0.5649999999999995		
RBF C=10.0 Gamma=10.0		Decision Tree max_depth=2.0		Poly C=10.0 Deg=5
[0.8852459 0.91803279 0.91666667 0.94915254 0.98305085]		[0.63934426 0.60655738 0.6 0.6440678 0.76271186]		[0.68852459 0.67213115 0.75 0.72881356 0.71186441]
RBF accuracy: 0.9449999999999995				polynomial accuracy: 0.7249999999999998
RBF C=100.0 Gamma=0.001				Poly C=100.0 Deg=1
[0.60655738 0.60655738 0.6 0.61016949 0.61016949]				[0.60655738 0.60655738 0.6 0.61016949 0.61016949]

RBF accuracy: 0.5649999999999995		Decision Tree accuracy: 0.7049999999999996		polynomial accuracy: 0.5649999999999995
RBF C=100.0 Gamma=0.01		Decision Tree max_depth=3.0		Poly C=100.0 Deg=2
[0.60655738 0.60655738 0.6 0.61016949 0.61016949]				[0.60655738 0.60655738 0.6 0.61016949 0.61016949]
RBF accuracy: 0.5649999999999995		[0.7704918 0.62295082 0.8 0.71186441 0.79661017]		polynomial accuracy: 0.5649999999999995
		Decision Tree accuracy: 0.7399999999999999		
RBF C=100.0 Gamma=0.1				Poly C=100.0 Deg=3
[0.75409836 0.7704918 0.65 0.89830508 0.83050847]		Decision Tree max_depth=4.0		[0.60655738 0.60655738 0.6 0.61016949 0.61016949]
RBF accuracy: 0.8549999999999998		[0.91803279 0.57377049 0.98333333 0.88135593 0.98305085]		polynomial accuracy: 0.5649999999999995
		Decision Tree accuracy: 0.9699999999999997		
RBF C=100.0 Gamma=1				Poly C=1000.0 Deg=1
[0.8852459 0.90163934 0.9 0.98305085 0.96610169]		Decision Tree max_depth=5.0		[0.60655738 0.60655738 0.6 0.61016949 0.61016949]
RBF accuracy: 0.9799999999999998		[0.95081967 0.70491803 0.98333333 0.98305085 1.]		polynomial accuracy: 0.5649999999999995
		Decision Tree accuracy: 1.0		
RBF C=100.0 Gamma=10.0		Decision Tree max_depth=6.0		Poly C=100.0 Deg=4
[0.8852459 0.93442623 0.88333333 0.96610169 0.98305085]		[0.95081967 0.81967213 0.98333333 0.98305085 1.]		[0.72131148 0.67213115 0.65 0.77966102 0.6779661]
RBF accuracy: 0.9599999999999996		Decision Tree accuracy: 1.0		polynomial accuracy: 0.7099999999999996
RBF C=1000.0 Gamma=0.001				Poly C=100.0 Deg=5
[0.60655738 0.60655738 0.6 0.61016949 0.61016949]		Decision Tree max_depth=7.0		[0.73770492 0.68852459 0.76666667 0.71186441 0.69491525]
RBF accuracy: 0.5649999999999995		[0.95081967 0.93442623 0.98333333 0.98305085 1.]		polynomial accuracy: 0.7249999999999998
		Decision Tree accuracy: 1.0		
RBF C=1000.0 Gamma=0.01				Poly C=1000.0 Deg=2
[0.68852459 0.60655738 0.63333333 0.57627119 0.61016949]		Decision Tree max_depth=8.0		[0.60655738 0.60655738 0.6 0.61016949 0.61016949]
RBF accuracy: 0.52000000000000002		[0.95081967 0.93442623 0.98333333 0.98305085 1.]		polynomial accuracy: 0.5649999999999995
		Decision Tree accuracy: 1.0		
RBF C=1000.0 Gamma=0.1				Poly C=1000.0 Deg=3
[0.81967213 0.90163934 0.88333333 0.94915254 0.93220339]		Decision Tree max_depth=9.0		[0.60655738 0.60655738 0.6 0.61016949 0.61016949]
RBF accuracy: 0.92500000000000004		[0.95081967 0.93442623 0.98333333 0.98305085 1.]		polynomial accuracy: 0.5649999999999995
		Decision Tree accuracy: 1.0		
RBF C=1000.0 Gamma=1				Poly C=1000.0 Deg=4
[0.96721311 0.95081967 0.86666667 1. 0.98305085]		Decision Tree max_depth=10.0		[0.72131148 0.63934426 0.65 0.71186441 0.66101695]
RBF accuracy: 0.9749999999999998		[0.95081967 0.93442623 0.98333333 0.98305085 1.]		polynomial accuracy: 0.6949999999999995
		Decision Tree accuracy: 1.0		
RBF C=1000.0 Gamma=10.0				Poly C=1000.0 Deg=5
[0.8852459 0.93442623 0.88333333 0.96610169 0.98305085]				[0.67213115 0.6557377 0.63333333 0.74576271 0.6779661]
RBF accuracy: 0.9599999999999996				polynomial accuracy: 0.7249999999999998