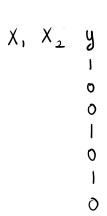
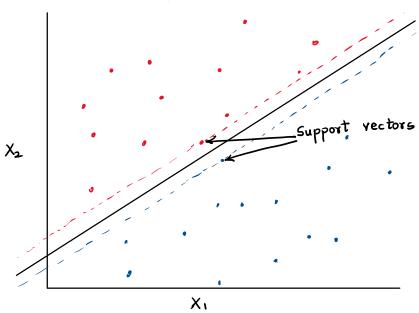
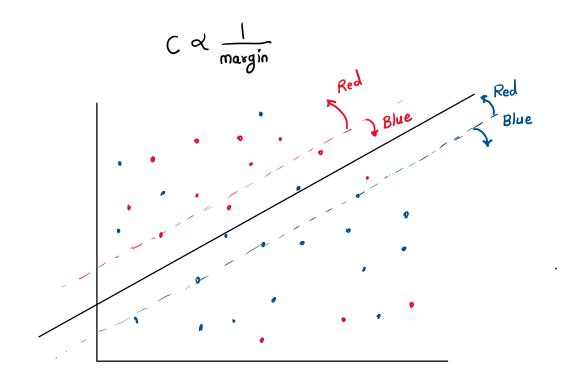


Sunday, March 10, 2024 10:40 AM









w/o scaling

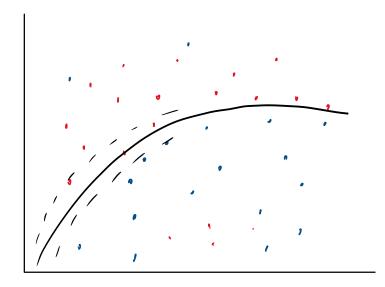
{'C': 0.5357894736842106} 0.6075786282682835

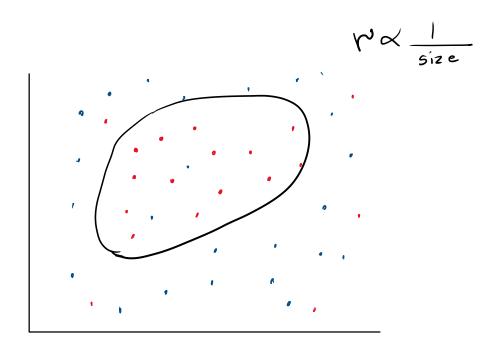
With scaling

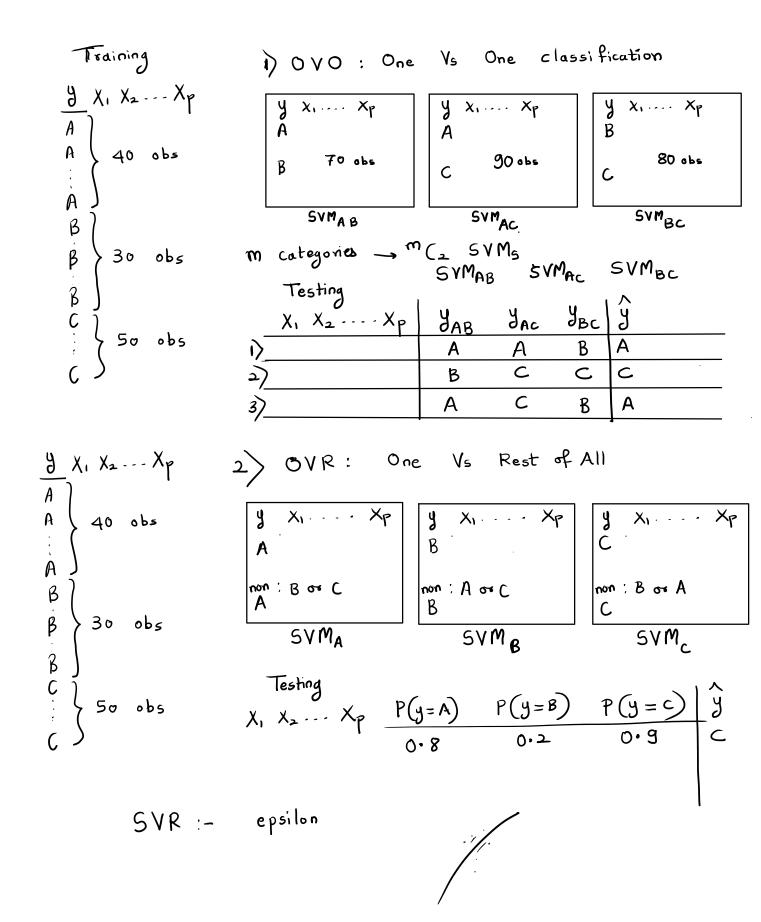
 $\{ 'SCL' : StandardScaler(), 'SVM__C' : 10.0 \}$

0.6278684833407471

Polynomial: $a_0 + a_1 x + a_2 x^2 + a_3 x^3 + \dots + a_n x^n$ 3^{rd} degree: $a_0 + a_1 x + a_2 x^2 + a_3 x^3$







Linear Kernel Results:

Params: {'SCL': None, 'SVM__C': 0.26410526315789473}

Score: -0.46079499942791546

Polynomial Kernel Results:

Params: {'SCL': MinMaxScaler(), 'SVM__C': 0.26410526315789473,

'SVM__coef0': 3.0, 'SVM__degree': 2}

Score: -0.5097130472240468

Radial Kernel Results:

Params: {'SCL': MinMaxScaler(), 'SVM__C': 0.26410526315789473,

'SVM gamma': 1.250749999999998}

Score: -0.4809688740028147

Linear Kernel Results:

Params: {'SCL': None, 'SVM C': 0.7903157894736842,

'SVM decision_function_shape': 'ovo'}

Score: -0.9312604498988577

Polynomial Kernel Results:

Params: {'SCL': StandardScaler(), 'SVM__C': 0.26410526315789473,

'SVM coef0': 3.0, 'SVM decision function shape': 'ovo',

'SVM degree': 3}

Score: -0.8912631607153948

Radial Kernel Results:

Params: {'SCL': None, 'SVM__C': 1.5796315789473683,

'SVM__decision_function_shape': 'ovo', 'SVM__gamma':

1.2507499999999998}

Score: -0.7937284699511382