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1.How many support vectors did you find? *228*2. List top 3 records that have the smallest \*\*absolute\*\* values from wT • X + b calculation. *781, 463, and 340*  
3. What are the “wT • X + b” values for the following records: 131, 165, 892, 1057? *score(131,:) % -21.1788, score(165,:) % 9.3455, score(892,:) % 4.5851, score(1057,:) % -26.2959*  
Anything special about those values of these few records? Also, what are the   
probabilities of belonging to the class 1 (i.e. the 2nd class) for those records?

*Decision function decide whether or not point is critical*

*And they weren't between -1 and 1 that meant they weren't critical*

4. What is the precision, recall, F-measure of \*\*EACH\*\* of the two classes.

precision recall f1-score support

0 0.95 0.96 0.95 1017

1 0.78 0.74 0.76 200

accuracy 0.92 1217

macro avg 0.87 0.85 0.86 1217

weighted avg 0.92 0.92 0.92 1217

5. Create a ROC Curve for \*\*EACH\*\* of the two classes.

roc\_auc\_0: 0.07844799271039722

roc\_auc\_1: 0.9215520072896027

Graphical user interface, application

Description automatically generated