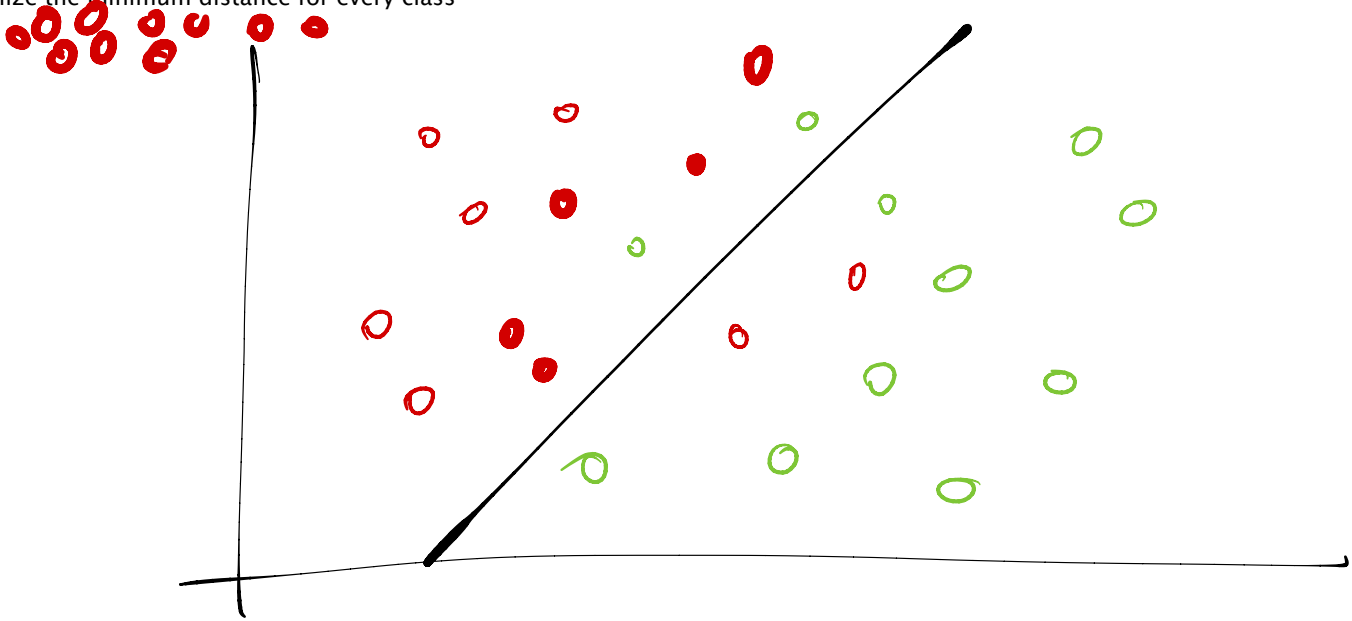


Support Vector Machines (SVM)

- how do you design the decision boundary ... can you say it mathematically?
- Where do you draw the decision boundary? Many possible ways ...
- Should you take the average distance of all points to the decision boundary?
- You maximize the minimum distance for every class



Maximize the minimum distance from the red and green points.