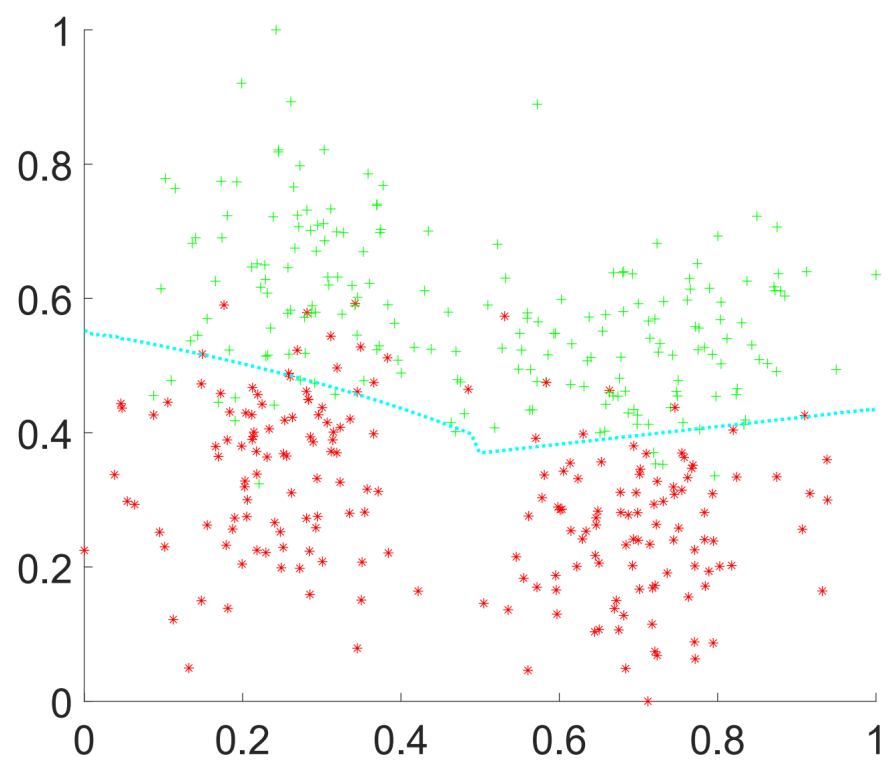
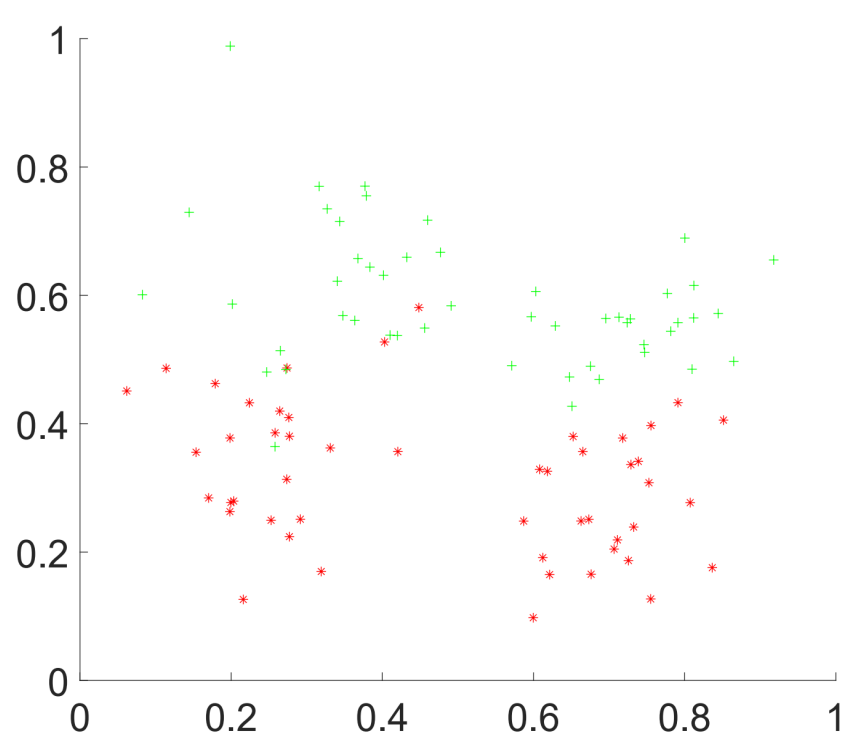


Training set

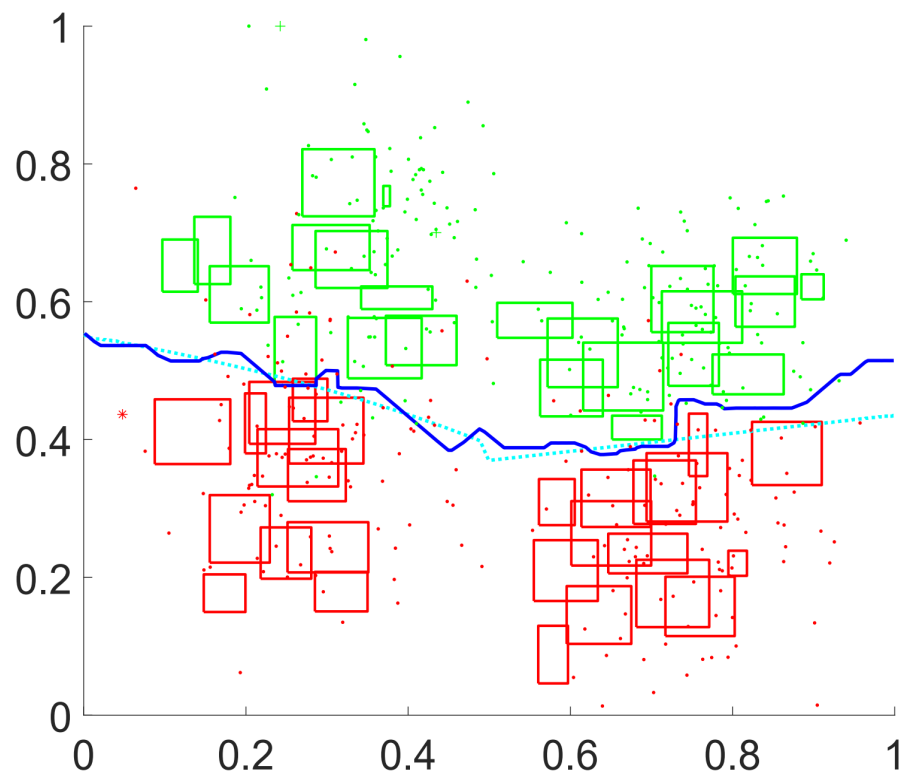


Validation set



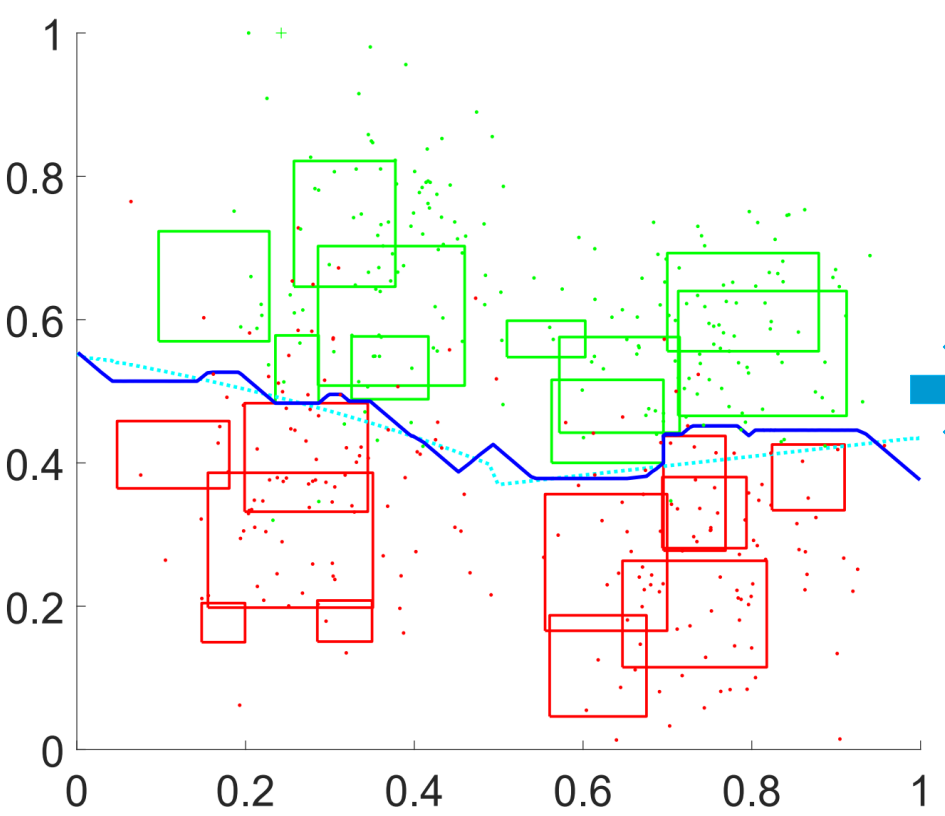
Pruning

Error rate = 11.75%



$\theta=0.2$

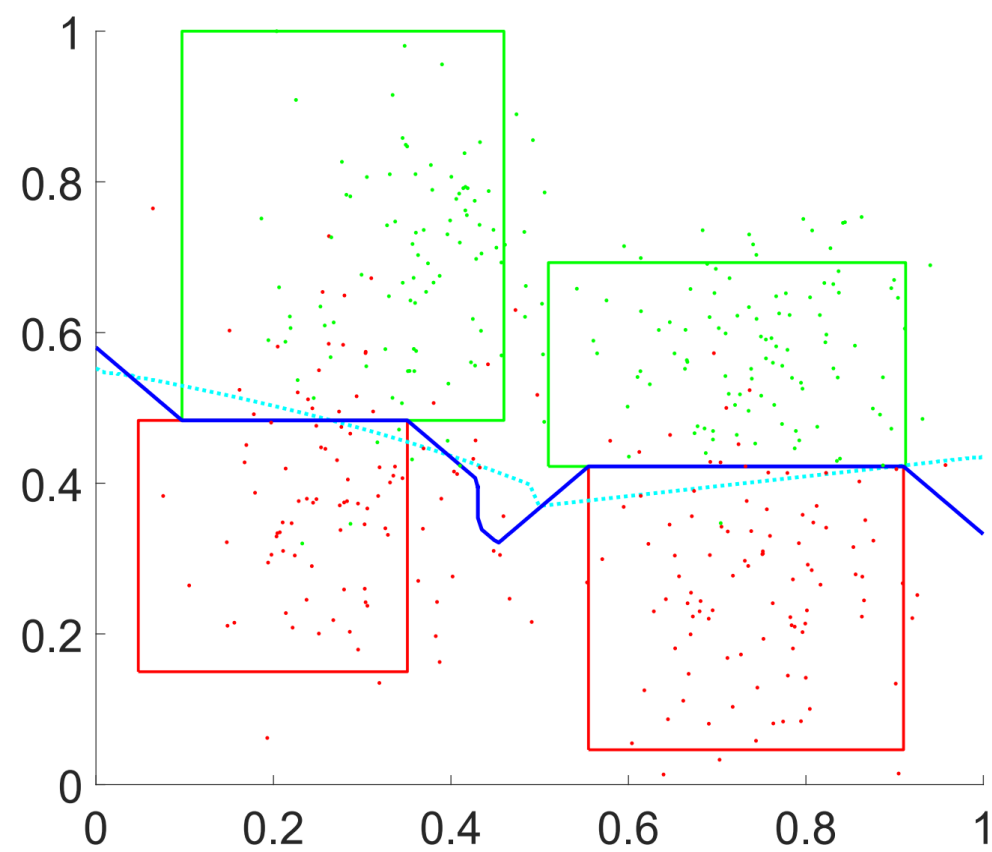
Error rate = 11.5%



Phase 2

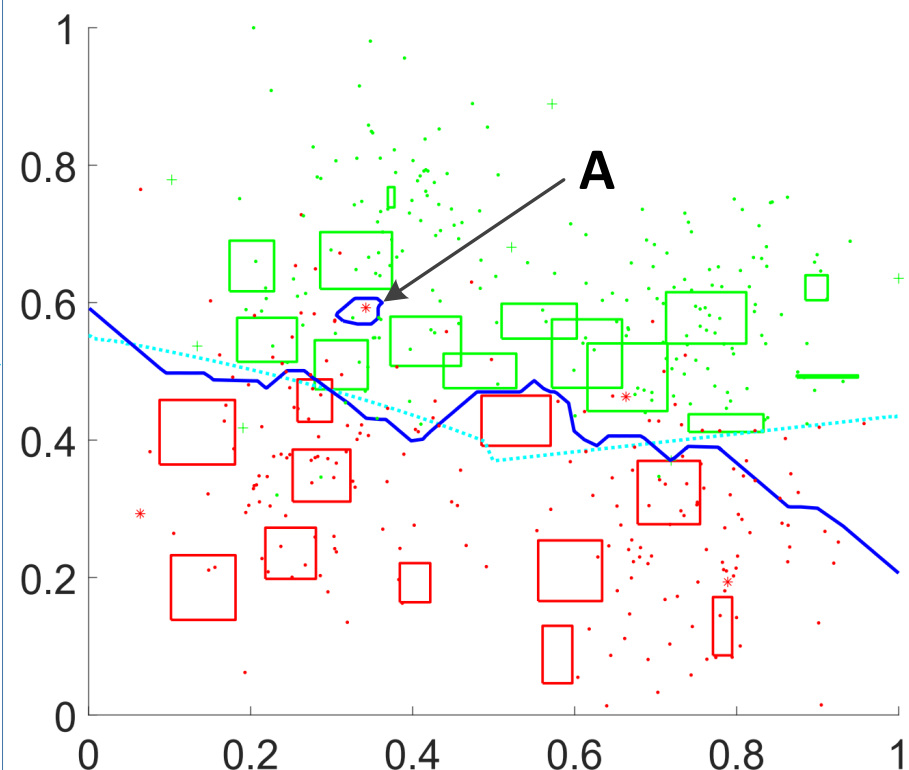
$\theta=0.6$

Error rate = 11.5%



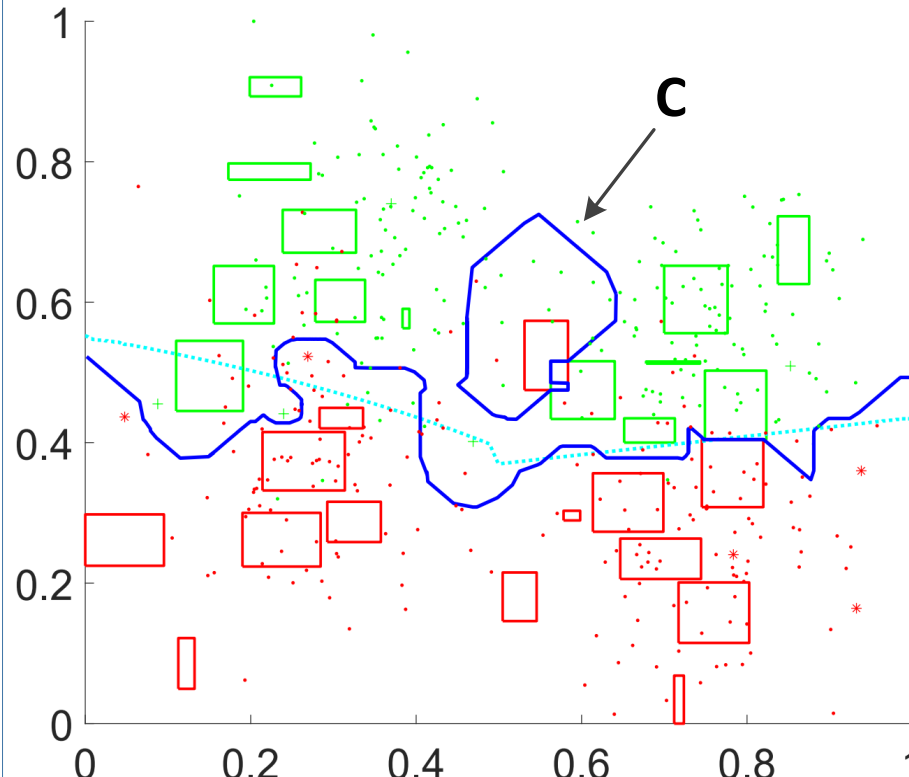
Process 1

Error rate = 13.25%



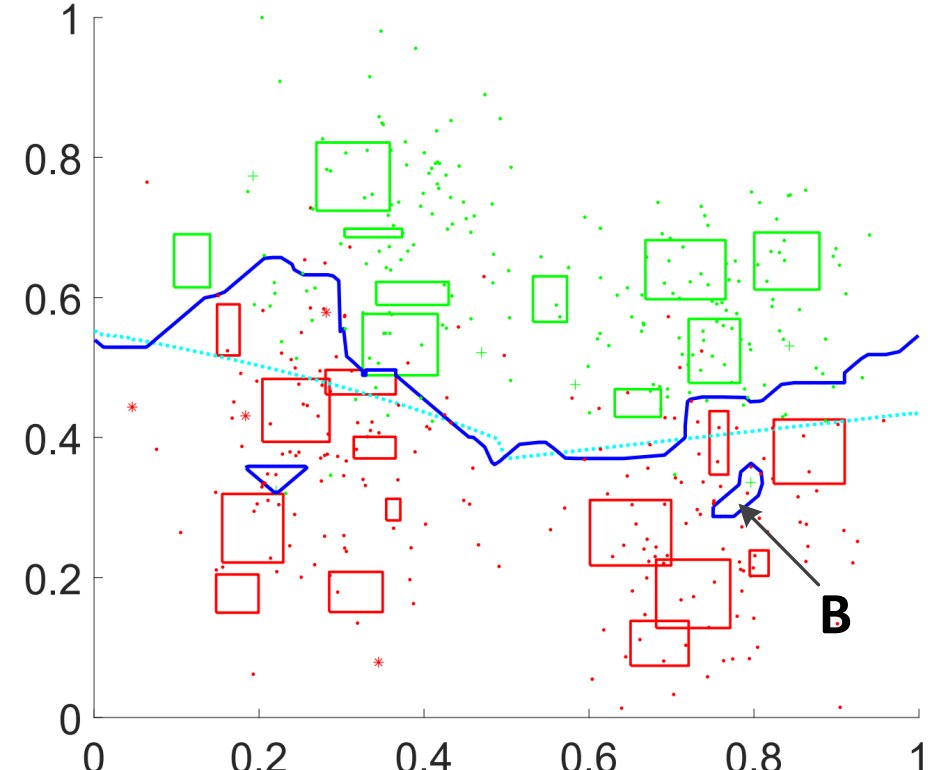
Process 3

Error rate = 16%



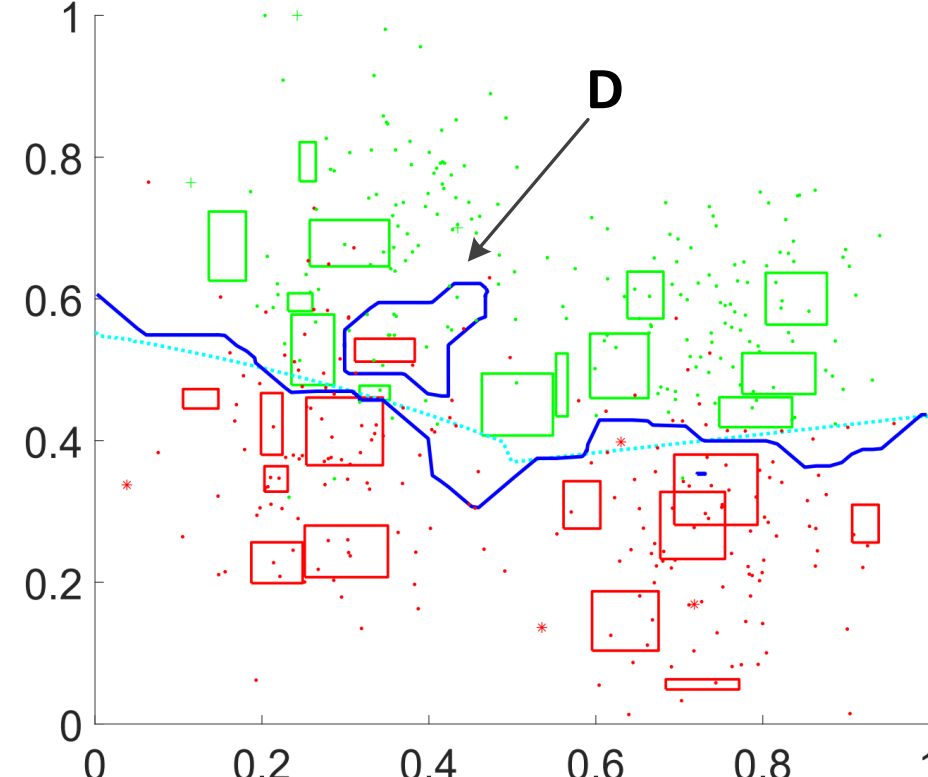
Process 2

Error rate = 13.5%



Process 4

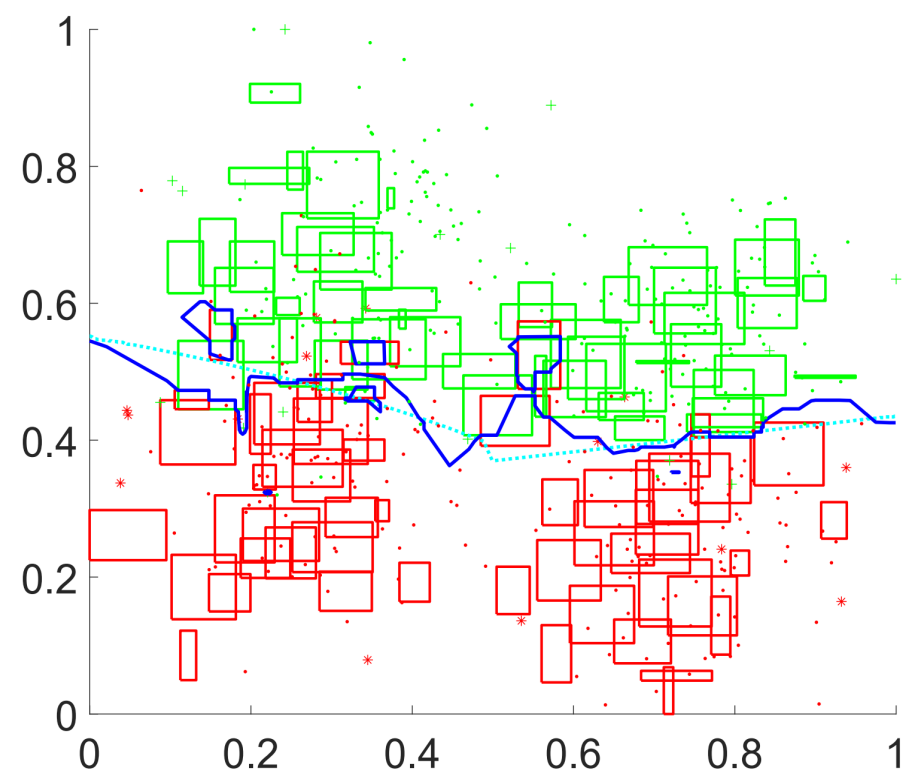
Error rate = 16.25%



$\theta=0.1$

Merging

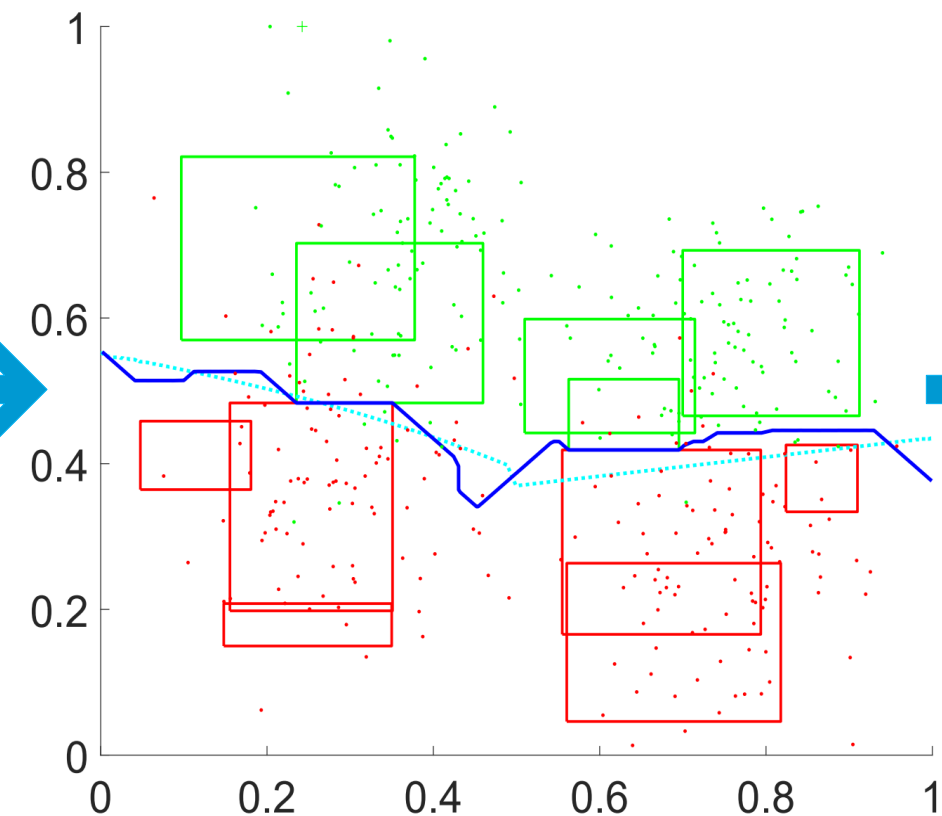
Error rate = 12.75%



Phase 1

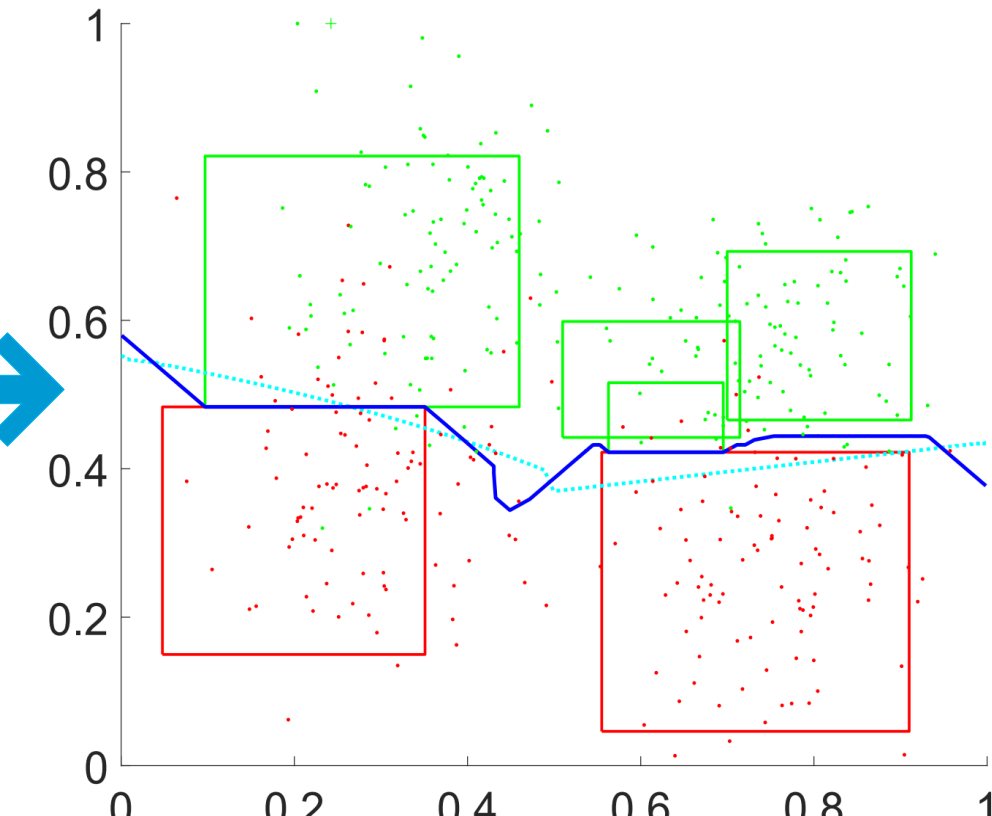
$\theta=0.3$

Error rate = 11.5%



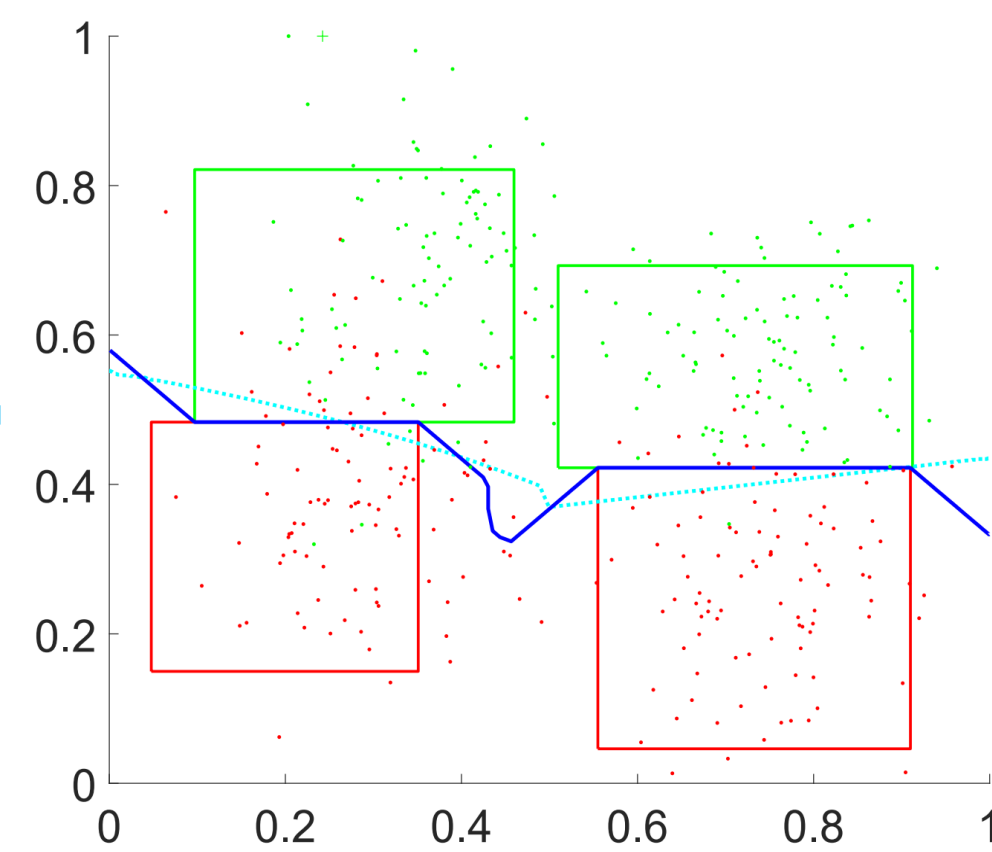
$\theta=0.4$

Error rate = 11.75%



$\theta=0.5$

Error rate = 11.5%



— Hyperbox decision boundary  
- - - Optimal decision boundary