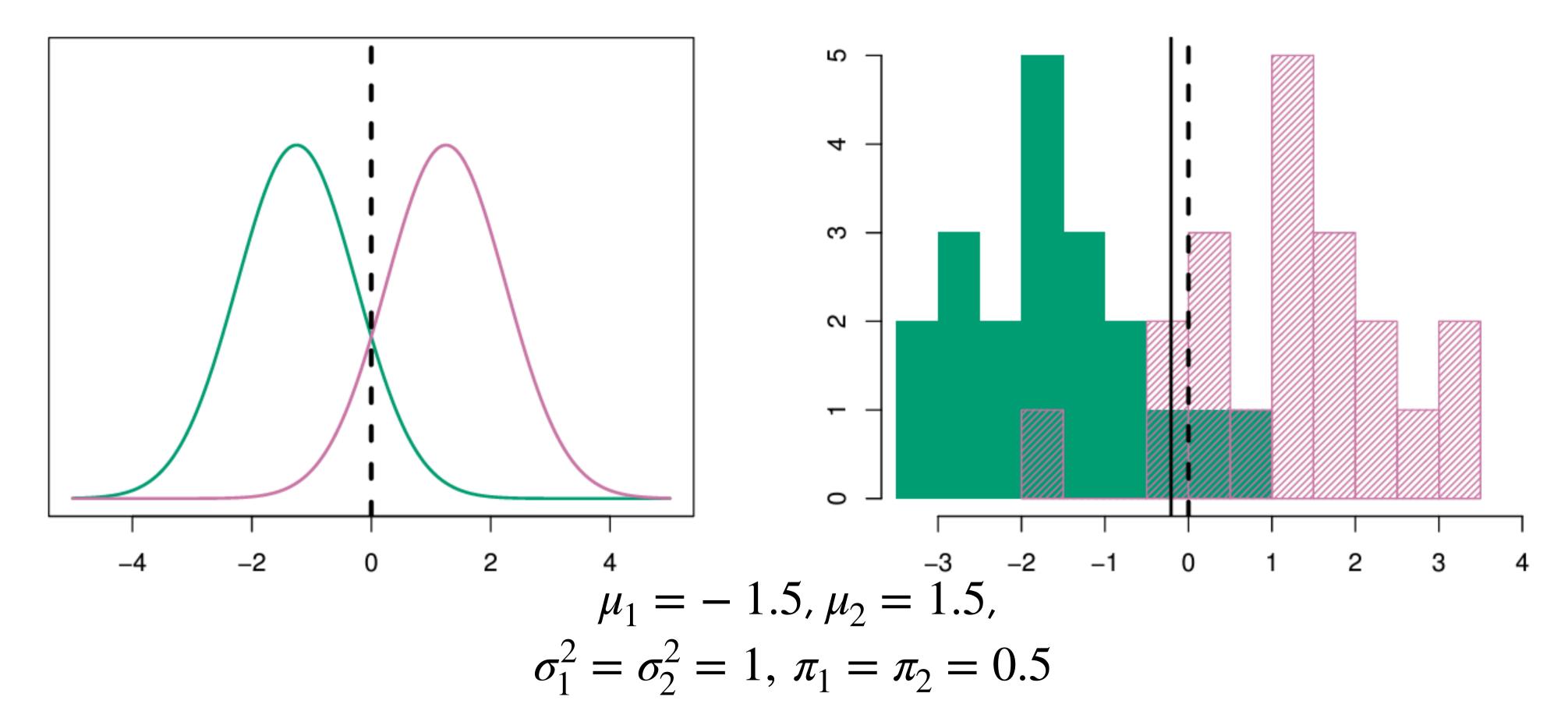
## Linear Discriminant Analysis (LDA)



typically we don't know these parameters

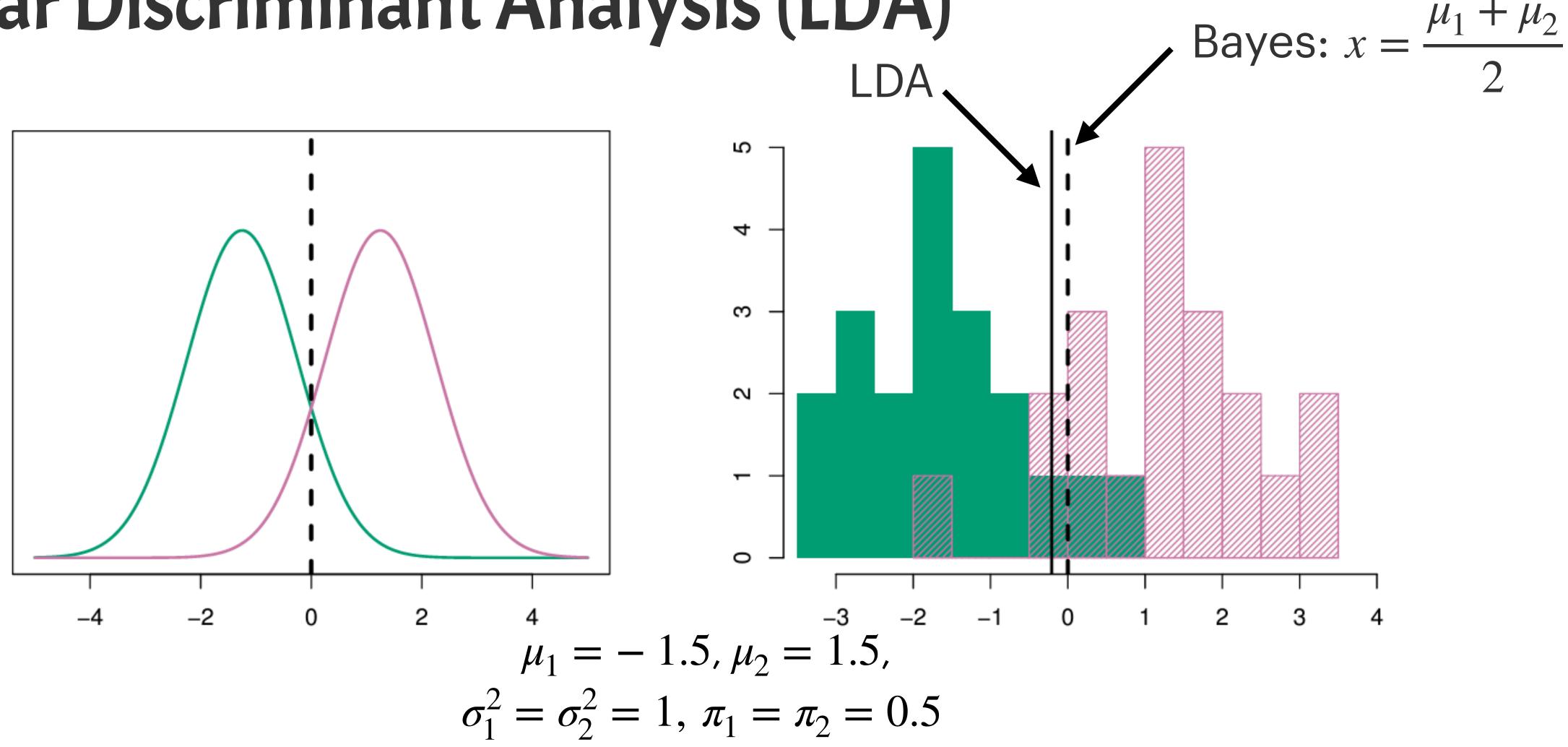
in that case, we estimate them and plug them into the rule

## Bayes: x =

LDA

 $\mu_1 + \mu_2$ 

Linear Discriminant Analysis (LDA)



- typically we don't know these parameters
- in that case, we estimate them and plug them into the rule

## LDA with three classes

