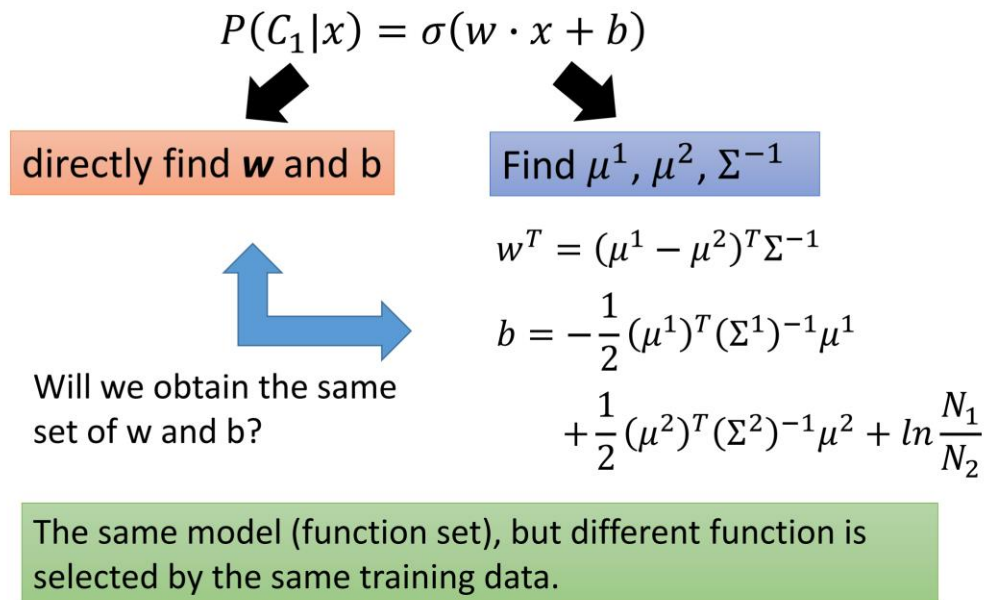


## Discriminative v.s. Generative



## Generative v.s. Discriminative

- Benefit of generative model
  - With the assumption of probability distribution, less training data is needed
  - With the assumption of probability distribution, more robust to the noise
  - Priors and class-dependent probabilities can be estimated from different sources.