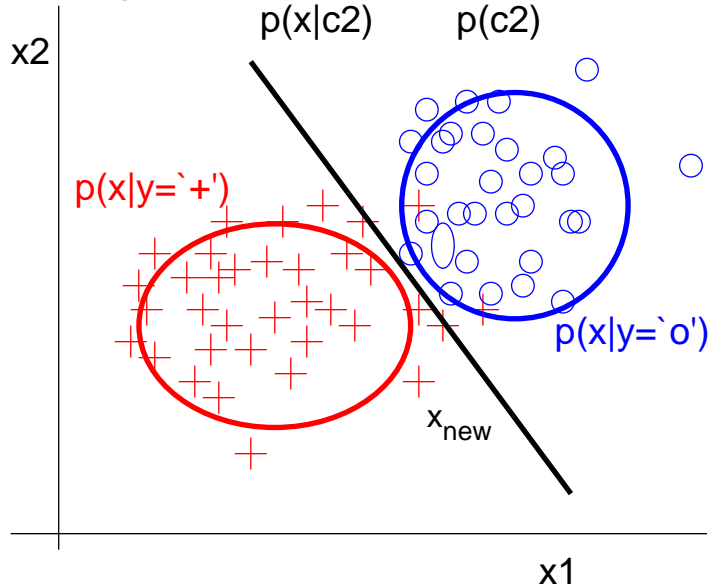


generative approach

$$g(x) = \ln \frac{p(x|c1)}{p(x|c2)} + \ln \frac{p(c1)}{p(c2)}$$



discriminative approach

$$g(x) = p(c1|x) - p(c2|x)$$

