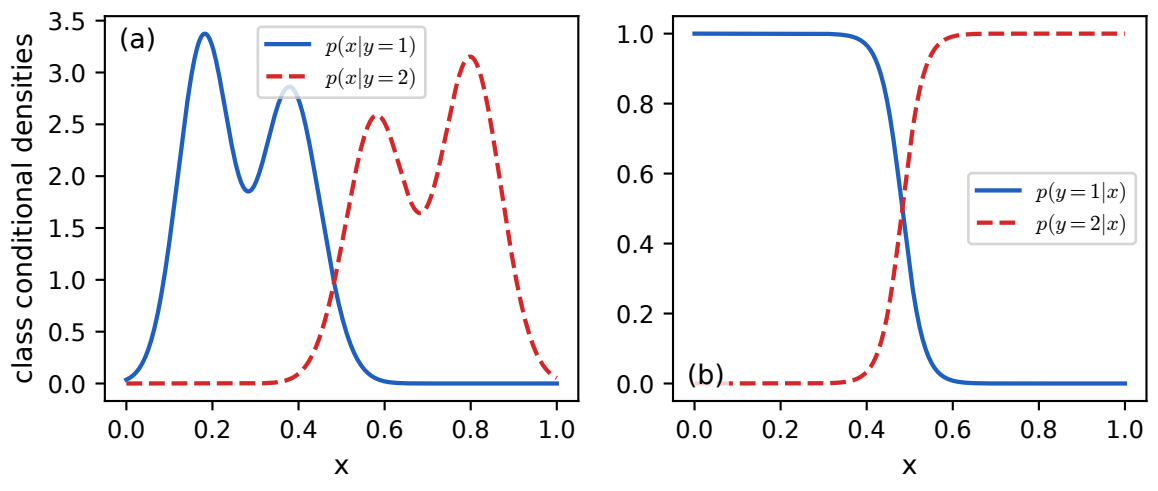

(a)
$p(x|y=1)$
$p(x|y=2)$
class conditional densities
x
(b)
$p(y=1|x)$
$p(y=2|x)$
x