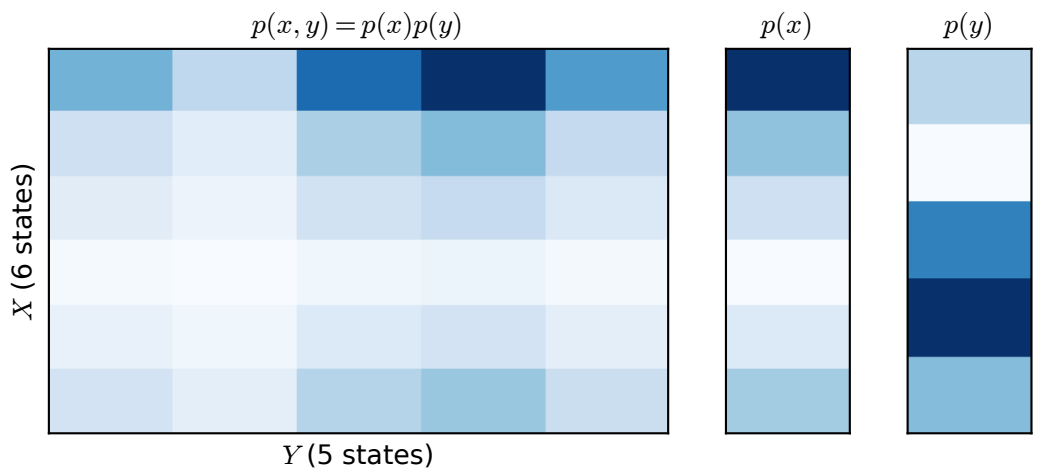

$p(x, y) = p(x)p(y)$
$p(x)$
$p(y)$
X (6 states)
Y (5 states)
free parameters: joint 29, product 5 + 4 = 9