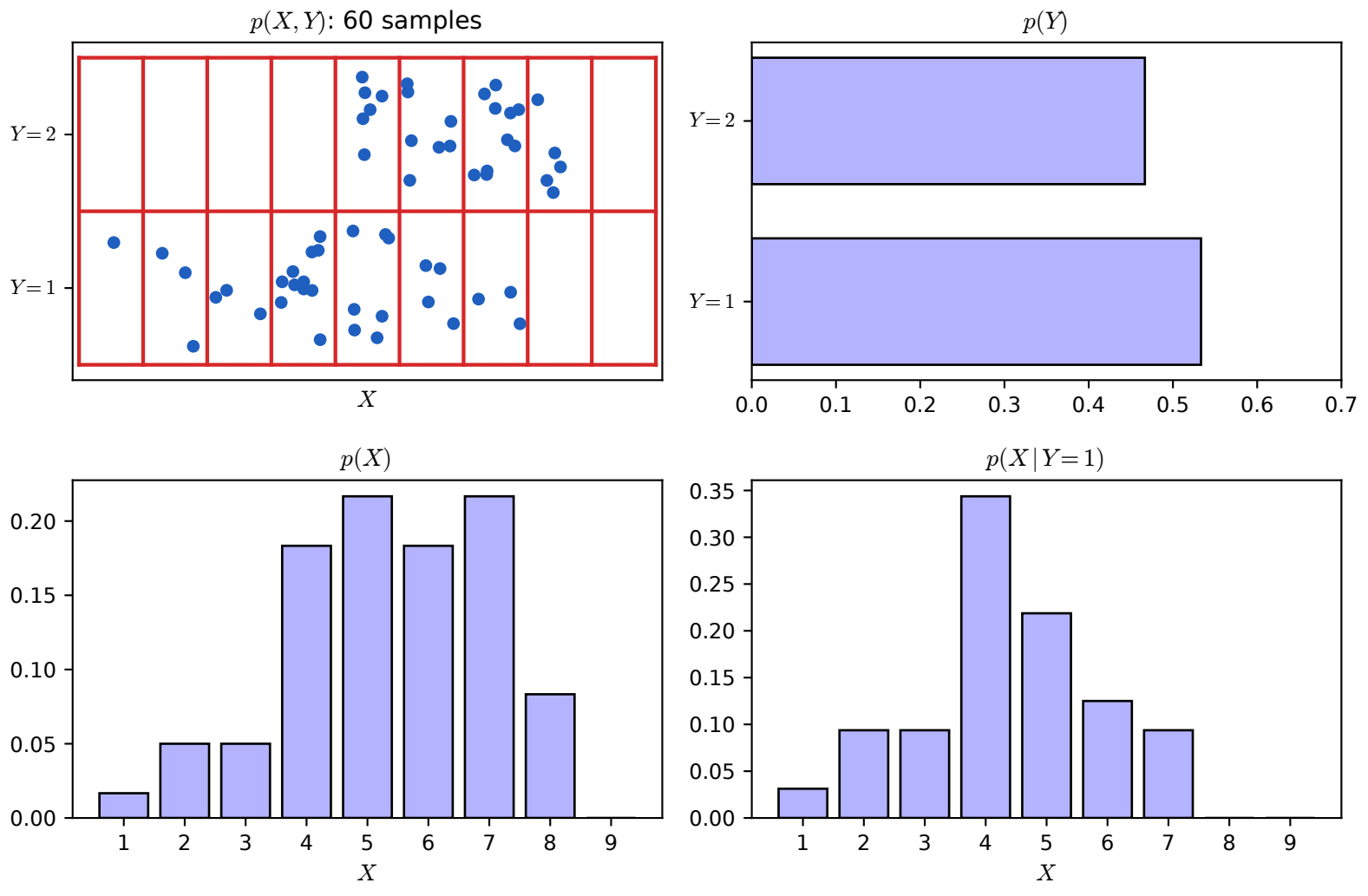

$p(X, Y)$: 60 samples
$Y = 2$
$Y = 1$
X
$p(Y)$
$Y = 2$
$Y = 1$
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
$p(X)$
0.20
0.15
0.10
0.05
0.00
1
2
3
4
5
6
7
8
9
X
$p(X \mid Y = 1)$
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
1
2
3
4
5
6
7
8
9
X