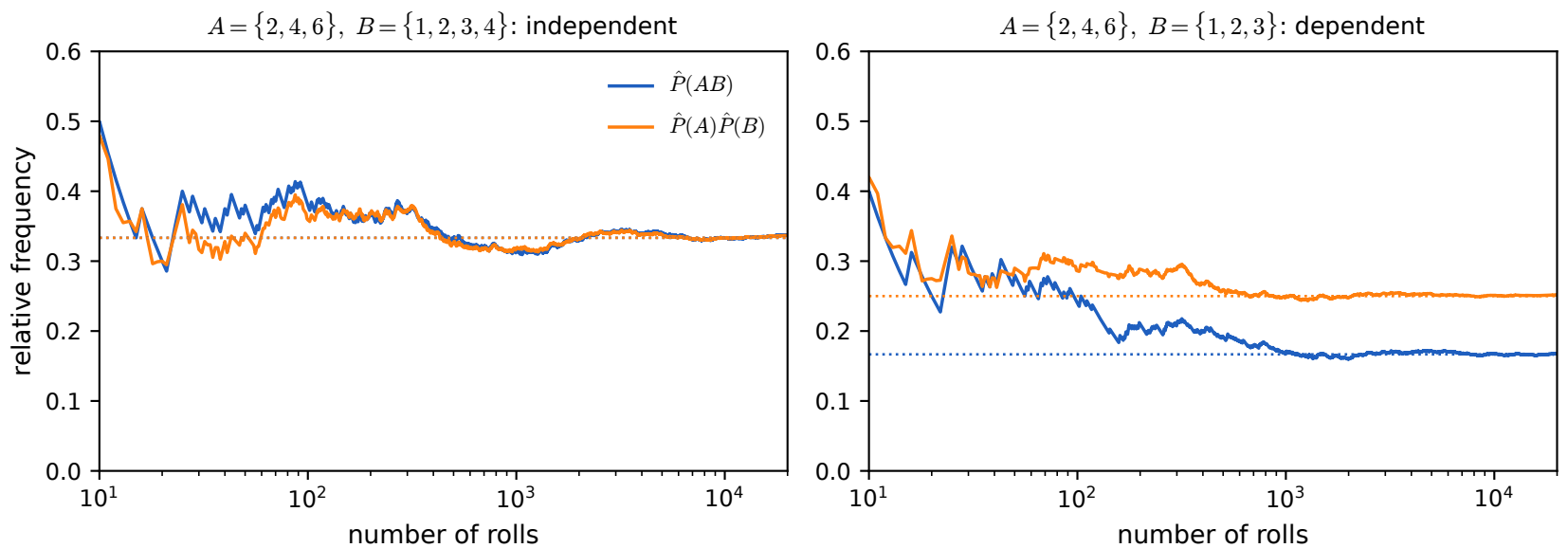

$A = \{2, 4, 6\},\ B = \{1, 2, 3, 4\}$: independent
$A = \{2, 4, 6\},\ B = \{1, 2, 3\}$: dependent
$\hat{P}(AB)$
$\hat{P}(A)\hat{P}(B)$
relative frequency
number of rolls
number of rolls
0.0
0.1
0.2
0.3
0.4
0.5
0.6
10^1
10^2
10^3
10^4