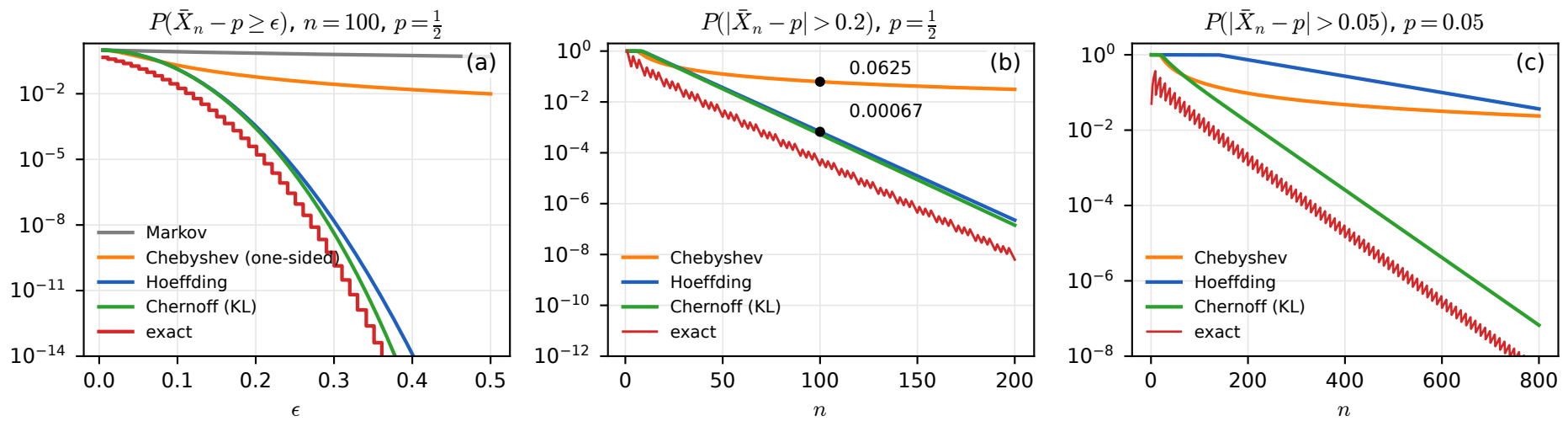

$P(\bar{X}_n - p \geq \epsilon)$, $n = 100$, $p = \frac{1}{2}$
(a)
Markov
Chebyshev (one-sided)
Hoeffding
Chernoff (KL)
exact
ϵ
$P(|\bar{X}_n - p| > 0.2)$, $p = \frac{1}{2}$
(b)
0.0625
0.00067
Chebyshev
Hoeffding
Chernoff (KL)
exact
n
$P(|\bar{X}_n - p| > 0.05)$, $p = 0.05$
(c)
Chebyshev
Hoeffding
Chernoff (KL)
exact
n