



Markov: $P(X \geq \frac{3}{4}n) \leq \frac{1}{3}$ - constant

Chebyshev: $P(X \geq \frac{3}{4}n) \leq \frac{1}{3n} = (3n)^{-1}$ - negative power

Chernoff: $P(X \geq \frac{3}{4}n) \leq 3^{-n/2}$ - negative exponential.

- this is just the ^{empirical} average of n flips
tightening about the popⁿ mean as
we do more & more measurements.

