Histogram for WLLN(Sampling from $N(1, 4)$)

Legend:
- $x = \varepsilon - 1$ (red dashed)
- $x = \varepsilon + 1$ (black dashed)

$P(|\frac{S_n}{n} - \eta| > \varepsilon) = 0.013$

$\frac{\sigma^2}{N\varepsilon^2} = 0.16$

x-axis: value

y-axis: # of samples