

$$N = 30$$

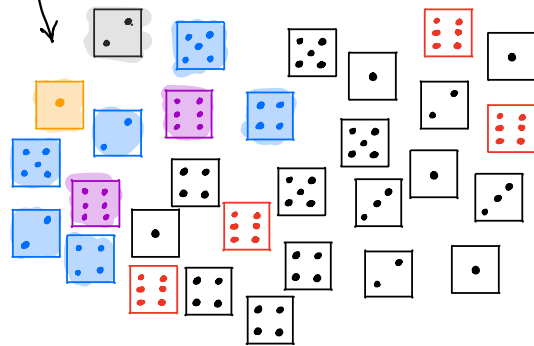
$$N_{\text{red}} = 5$$

$$\alpha = \frac{1}{3}$$

$$P_{\text{red}} = \frac{1}{6}$$

Roll
10
dice

$$\left. \begin{aligned} N_{\text{OTHER}} \rightarrow \text{red} &= \frac{1}{3} \times (30-5) \cdot \frac{1}{6} = 1.4 \\ N_{\text{red}} \rightarrow \text{OTHER} &= \frac{1}{3} \times (5) \times \frac{5}{6} = 1.4 \end{aligned} \right\} \text{EXPECTATION}$$



$$N = 30$$

$$N_{\text{red}} = 6$$

$$\alpha = \frac{1}{3}$$

$$P_{\text{red}} = \frac{1}{6}$$

- UNCHANGED
- LOST
- GAINED
- CHANGED, NOT