What's the best color my webpage to maximize profits?
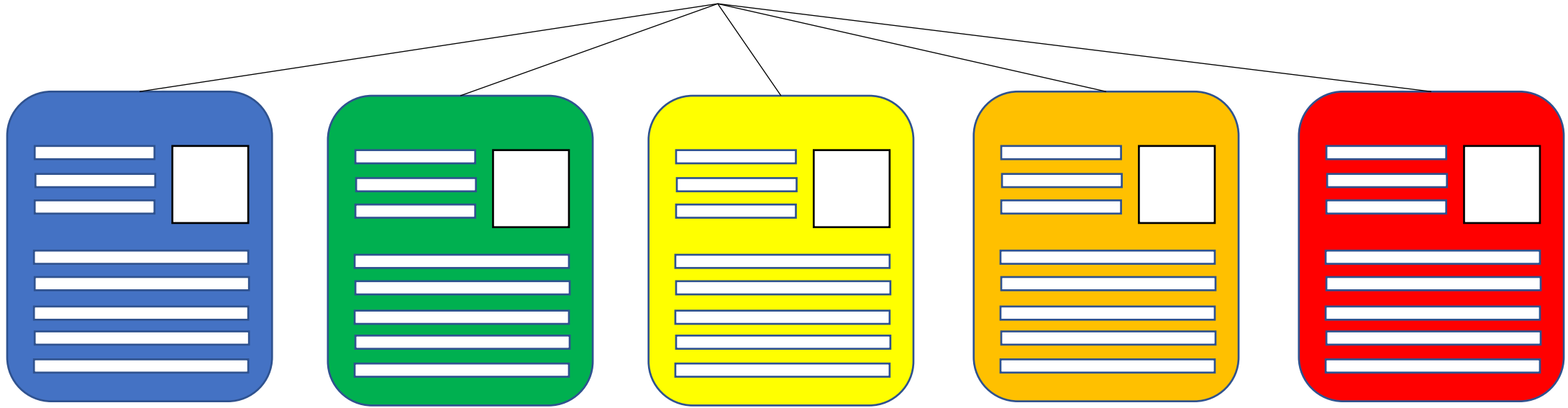## Soft-Max or Boltzmann Algorithm

Current Payout:

$P_1 = (1/15)*\$10$

$P_2 = (4/20)*\$10$

$P_3 = (0/10)*\$10$

$P_4 = (5/20)*\$10$

$P_5 = (0/10)*\$10$

Probability of being selected

$$\frac{e^{\frac{-p_1}{\tau}}}{\sum_i^5 e^{\frac{-p_i}{\tau}}}$$

$$\frac{e^{\frac{-p_2}{\tau}}}{\sum_i^5 e^{\frac{-p_i}{\tau}}}$$

$$\frac{e^{\frac{-p_3}{\tau}}}{\sum_i^5 e^{\frac{-p_i}{\tau}}}$$

$$\frac{e^{\frac{-p_4}{\tau}}}{\sum_i^5 e^{\frac{-p_i}{\tau}}}$$

$$\frac{e^{\frac{-p_5}{\tau}}}{\sum_i^5 e^{\frac{-p_i}{\tau}}}$$