Bernoulli Distribution - Introduction

dataset
$$D = \{G_1, G_1, G_2, G_3, G_4, G_5, \dots, J_n\}$$

$$P(J) = \frac{N-1}{11} P(N=N^{C}) = \frac{N-1}{11} \Theta^{C} (1-\theta)^{(1-N^{C})}$$

$$= \theta^{1} \cdot (1-\theta)^{(1-1)} \cdot \theta^{0} \cdot (1-\theta)^{(1-0)} \cdot \dots$$

$$=$$
 Θ

9 ... probability of good water

Le. g (0=0.8)