$$P(Y=C_k) \approx \hat{p}_k = \frac{1}{N} \sum_{i=1}^{N} (Y_i == C_k)$$

$$\frac{1}{uD} = 0.35$$

$$\frac{1}{2} \frac{17}{u_0} = 0.425$$

$$\frac{9}{40} = 0.225$$

2)
$$\frac{u}{17} \approx 0.235$$

3) $\frac{u}{17} \approx 0.111$

@3

$$\frac{1}{14} = 0.07$$

$$\frac{6}{17} = 0.35$$

$$\frac{u}{q} = 0.44$$

64

$$\frac{74}{40} \cdot \frac{5}{14} \cdot \frac{1}{14} = 0.01$$

$$\frac{17}{40} \cdot \frac{4}{17} \cdot \frac{6}{17} = 0.03529$$

Q5 Green