

Quiz 12

| Q | Age | stu |
|---|-----|-----|
| 1 | 20 | yes |

$$P(\text{buy} = \text{yes} | \hat{x}) = P(\hat{x} | \text{buy} = \text{yes}) P(\text{buy} = \text{yes})$$

$$P(\text{age} \leq 30 | \text{yes}) P(\text{student} = \text{yes})$$

$$P(y | \hat{x}) = \frac{2}{9} \cdot \frac{6}{9} \cdot \frac{9}{14} = 0.095 \quad \text{winning}$$

$$P(N | \hat{x}) = \frac{1}{9} \cdot \frac{1}{9} \cdot \frac{9}{14} =$$

buy = yes