

Bayes Statistics (Bayes Theorem)

Bayesian statistics is an approach to data analysis and parameter estimation based on Bayes' theorem.

Baye's Theorem

1 Independent Evenis

1 Dependent Events

$$Pr(R \text{ and } Y) = P(R) + P(Y/R)$$

$$= \frac{2}{5} + \frac{3}{4} = \frac{6}{20}$$

Baylo throng

onditional probability

$$P_{\gamma}(A/B) = \frac{P_{\gamma}(A) \star P_{\gamma}(B/A)}{P_{\gamma}(B)}$$

Dataset

₩

Bayes theorem