Mindluster Platform

About the course Bayes Theorem in Probability

Bayes' Theorem course, in this course Explore the mathematical framework for updating probabilities and making informed decisions based on new information and data.

Mathematics Category's Courses

Course Lesson(24)

Lesson 1 : **Prob Stats Bayes Theorem 1 of 24 What is Bayes Theorem**

Lesson 2 : **Prob Stats Bayes Theorem 2 of 24 What is the Sensitivity of a Test**

Lesson 3 : **Prob Stats Bayes Theorem 3 of 24 What is the Specificity of a Test**

Lesson 4 : **Prob Stats Bayes Theorem 4 of 24 A More Comprehensive Equation**

Lesson 5 : **Prob Stats Bayes Theorem 5 of 24 A More Comprehensive Equation Another Method**

Lesson 6 : **Prob Stats Bayes Theorem 6 of 24 A More Comprehensive Equation Another Method**

Lesson 7 : **Prob Stats Bayes Theorem 7 of 24 The Tree Diagram**

Lesson 8 : **Prob Stats Bayes Theorem 8 of 24 What Happens if the Disease is Rare**

Lesson 9 : **Prob Stats Bayes Theorem 9 of 24 What Happens if the Disease is Very Rare**

Lesson 10 : **Prob Stats Bayes Theorem 10 of 24 What Happens if the Disease is Very Very Rare**

Lesson 11 :
Prob Stats Bayes Theorem 11 of 24 What Happens if Disease is Very Very Rare Better Testing

Lesson 12 : **Prob Stats Bayes Theorem 12 of 24 What if We Run the Test Again**

Lesson 13 : **Prob Stats Bayes Theorem 13 of 24 What if We Run the Test Again and Again**

Lesson 14 : **Prob Stats Bayes Theorem 14 of 24 What is Positive Predictive Value PPV**

Lesson 15 : **Prob Stats Bayes Theorem 15 of 24 What is Negative Predictive Value NPV**

Lesson 16 : **Prob Stats Bayes Theorem 16 of 24 PPV NPV Numerical Examples**

Lesson 17 : **Prob Stats Bayes Theorem 17 of 24 Prevalence Sensitivity Specificity PPV NPV**

Lesson 18 : **Prob Stats Bayes Theorem 18 of 24 Simple Form of the Definitions**

Lesson 19 : **Prob Stats Bayes Theorem 19 of 24 Determining Sensitivity and Specificity**

Lesson 20 : **Prob Stats Bayes Theorem 20 of 24 Effects of the Test Results Example 1**

Lesson 21 : **Prob Stats Bayes Theorem 21 of 24 Effects of the Test Results Example 2**

Lesson 22 : **Prob Stats Bayes Theorem 22 of 24 Example of Table Format Step 1**

Lesson 23 : **Prob Stats Bayes Theorem 23 of 24 Example of Table Format Step 2**

Lesson 24 : **Prob Stats Bayes Theorem 24 of 24 Example of Table Format Step 3**

Related courses

Real numbers

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