

Why all medical doctors are Bayesian statisticians?

Abstract:

Frequentist and Bayesian statistics are two popular approaches to statistical analysis, with each having its own unique characteristics. Frequentist statistics, also known as classical statistics, is based on the idea of repeated sampling. On the other hand, Bayesian statistics is based on the concept of subjective probability. In this talk I will discuss why Bayesian statistics is a powerful tool in medical research and how Bayesian statistics can help medical doctors to incorporate prior knowledge and produce more accurate diagnoses and treatment decisions.

This talk does not require any prior knowledge from the audience.