

Introduction to Bayesian data analysis

Hi, my name is Andrei and I work at the University of Exeter Q- Step Centre. In this workshop, we are going to talk about the basics of doing Bayesian data analysis. I'm going to start by giving you a brief definition of Bayesian data data analysis and talking about what they consider the major source of its power. Then, we are going to talk about a likelihood function and the Bayes rule, do some manual calculations and at the end we are going to talk about doing Bayesian analysis, doing some simple Bayesian data analysis in R.