

## Data Analysis and Machine Learning: Elements of Bayesian theory

Morten Hjorth-Jensen<sup>1,2</sup>

Department of Physics, University of Oslo<sup>1</sup>

Department of Physics and Astronomy and National Superconducting Cyclotron Laboratory, Michigan State University<sup>2</sup>

Dec 13, 2017

© 1999-2017, Morten Hjorth-Jensen. Released under CC Attribution-NonCommercial 4.0 license

## What is Bayesian Statistics

Say something more general here. Reminder about probabilities from the statistics section

- ➊ Product rule
- ➋ Binomial distribution
- ➌ Gaussian PDF
- ➍ other PDFs
- ➎ Bayesian regression analysis