

The Bayesian Hierarchical model and glossary

Zhe Sha

July 12, 2017

1 The Bayesian hierarchical model

In this section, we introduce the Bayesian hierarchical model using the GIA process as an example. We assume that the true GIA process is a real-valued spatial process continues on the sphere and denote it by $Y : \mathbb{S}^2 \mapsto \mathbb{R}$.

The Latex typesetting markup language is specially suitable for documents that include mathematics. Formulas are rendered properly and easily once one gets used to the commands.

Given a set of numbers, there are elementary methods to compute its, which is abbreviated . This process is similar to that used for the .

