Stan is an active, open source project of the Stan group. It is being released for review and comment, and to support limited research applications. It has not yet been through a peer review process or an independent validation. It is developed and maintained by Stan community volunteers who are interested in probabilistic modeling, the Stan language, and MCMC for posterior sampling and model checking.

Stan is a very flexible open source probabilistic programming language designed primarily to perform Bayesian data analysis [1]. The Stan community is active and develops Stan for applications in various fields. Stan is used at the University of California, Berkeley, among other places. Stan is also a good MCMC framework for those with high-dimensional problems. Stan includes a well-developed Bayesian inference method designed to handle high-dimensional problems. Stan is also a very active community that develops Stan for applications in various fields.

The Stan language is a powerful tool for fitting Bayesian models. It is easy to use, and it is very flexible. Stan can be used to fit a wide range of models, from simple linear regression models to complex hierarchical models. Stan is also a good tool for exploratory data analysis. It is easy to use, and it is very flexible. Stan can be used to fit a wide range of models, from simple linear regression models to complex hierarchical models. Stan is also a good tool for exploratory data analysis.

Stan Functions for Bayesian Pharmacometric Modeling

Example 1: Two compartment model with full order absorption

Example 2: General linear compartment model

Example 3: Fibroblast microenvironment model

Example 4: Promoter model of HDAC and scorable plasma drug concentration and tumor control (GT).