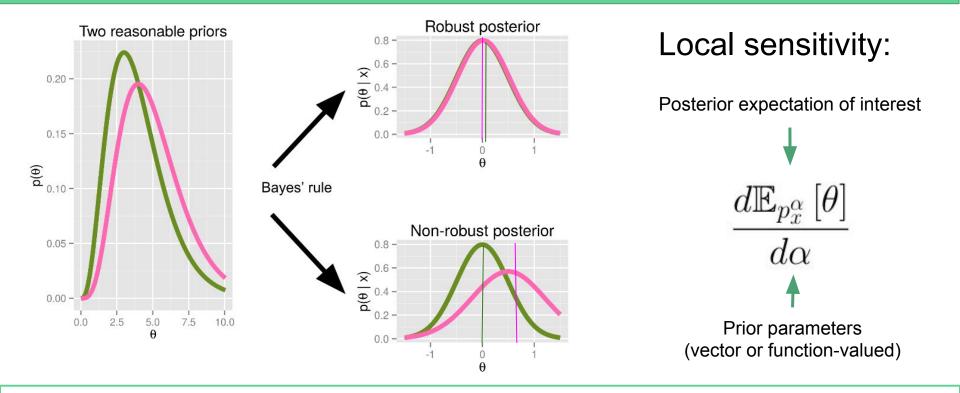
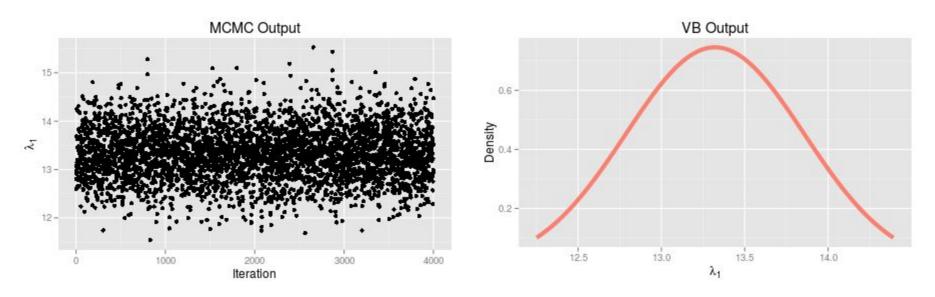
# Robust Inference with Variational Bayes

## What is robust Bayesian analysis?



### **Robust Inference With Variational Bayes**

## Variational Bayes is local-robustness friendly

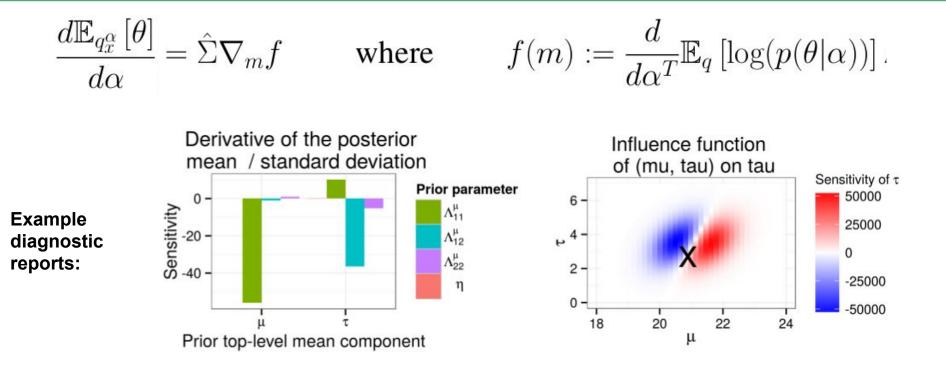


MCMC: designed for integration

VB: designed for differentiation

#### **Robust Inference With Variational Bayes**

### **Closed-form robustness measures using linear response**



#### **Robust Inference With Variational Bayes**