

1. The paper addresses the suitability of an inference algorithm for a given generative model. It is important in that we should diagnose whether a problem stems from a poorly specified model or from the inference over the parameters in that model. This technique helps us to evaluate whether a given inference algorithm is appropriate for a specified model or not.
2. Critically we do not tackle the fit of an inference model and algorithm to a given dataset. There is no consideration of whether a posterior distribution would be suitable for a given situation or not.
3. We expect a uniform distribution in Figure 13. Rather we see a strongly skewed right distribution. This suggests that the posterior samples for β are greater than the prior draw of β . We are therefore biasing inference through the inference scheme and this can result in misleading conclusions.