

Nice title

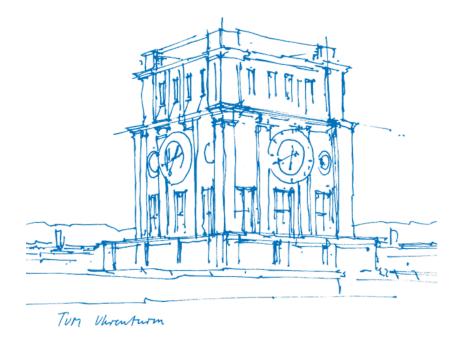
Nice Conference Title

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Outline

- 1. Background and motivation.
- 2
- 3. Section
 - Subsection

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- 4. Conclusions.
- 5. References.



1. Background and Motivation

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2. Section Title

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• The joint posterior distribution over the model and parameter space can be computed based on the Bayes' theorem as [1],

$$f(\mathcal{M}_k, \boldsymbol{\theta}_k | \tilde{\mathbf{y}}) = \frac{f(\mathcal{M}_k) f(\boldsymbol{\theta}_k | \mathcal{M}_k) L(\tilde{\mathbf{y}} | \mathcal{M}_k, \boldsymbol{\theta}_k)}{f(\tilde{\mathbf{y}} | \mathcal{M}_k)} \tag{1}$$

where the factor, $f(\tilde{\mathbf{y}}|\mathcal{M}_k) = \sum_{k \in \mathcal{K}} \int_{\mathbb{R}^{n_k}} f(\mathcal{M}_k) f(\boldsymbol{\vartheta}_k|\mathcal{M}_k) L(\tilde{\mathbf{y}}|\mathcal{M}_k, \boldsymbol{\vartheta}_k) d\boldsymbol{\vartheta}_k$, is called the evidence of the model class.



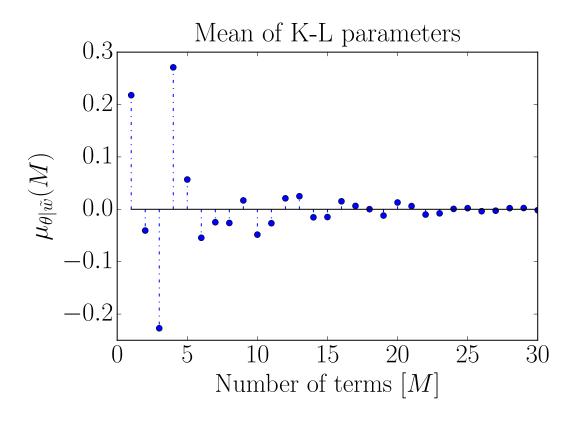


Figure: Some pic.



?. Concluding remarks

1 Lalala.

2 Lalalala.



Yanan Fan and Scott A. Sisson. "Reversible jump Markov chain Monte Carlo". In: *Handbook of Markov Chain Monte Carlo*. Ed. by Steve Brooks et al. Chapman & Hall/CRC, 2011. Chap. 3, pp. 67–91.