## Test INLA with Experiment 1

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In this report we test the INLA package by using the setting of *Experiment* 1a.

- 1. setting of Experiment 1a
- 2. Transformation of the hyper parameter and choosing the prior
- 3. Test the "Principle of stable inference" theorem (cite result and paper)
- (1) error size
- (2) error cluster
- 4. Test mesh size effect