

1. Data level models

Uniform likelihood

Normal likelihood

2. Process level models

Temporally linear model

Change-point model

Gaussian Process model

Physical model

3. Parameter level models

Normal

Uniform

Dirichlet

Gamma

StudentT

...

4. Temporal uncertainty

Errors-in-variable framework

Noisy-input framework

5. Bayesian inference methods

Fully Bayesian

Variational Bayesian

Empirical Bayesian

