Interactive multiple model vibration detection of structures based on high-frequency GNSS observations

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**Abstract**

**Keywords** high-frequency GNSS observations. vibration detection. interactive multiple model. Kalman filter.

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Introduction

Methods

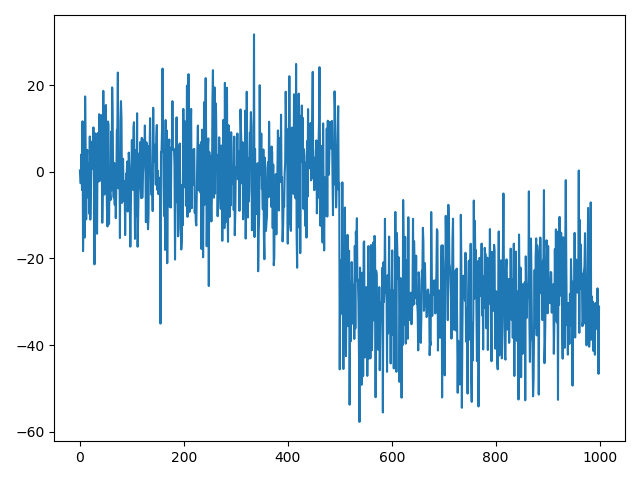


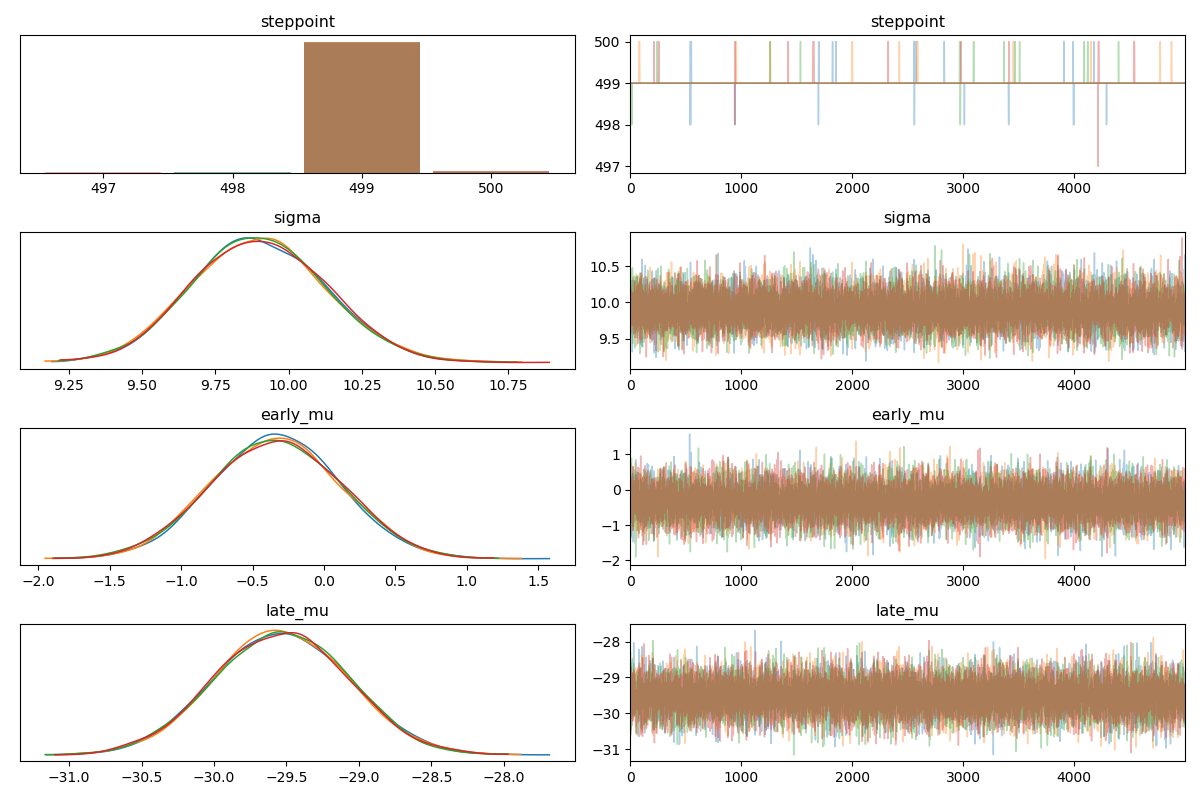


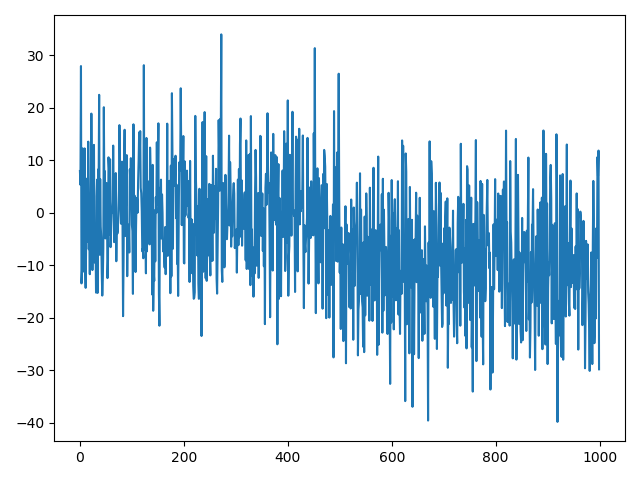


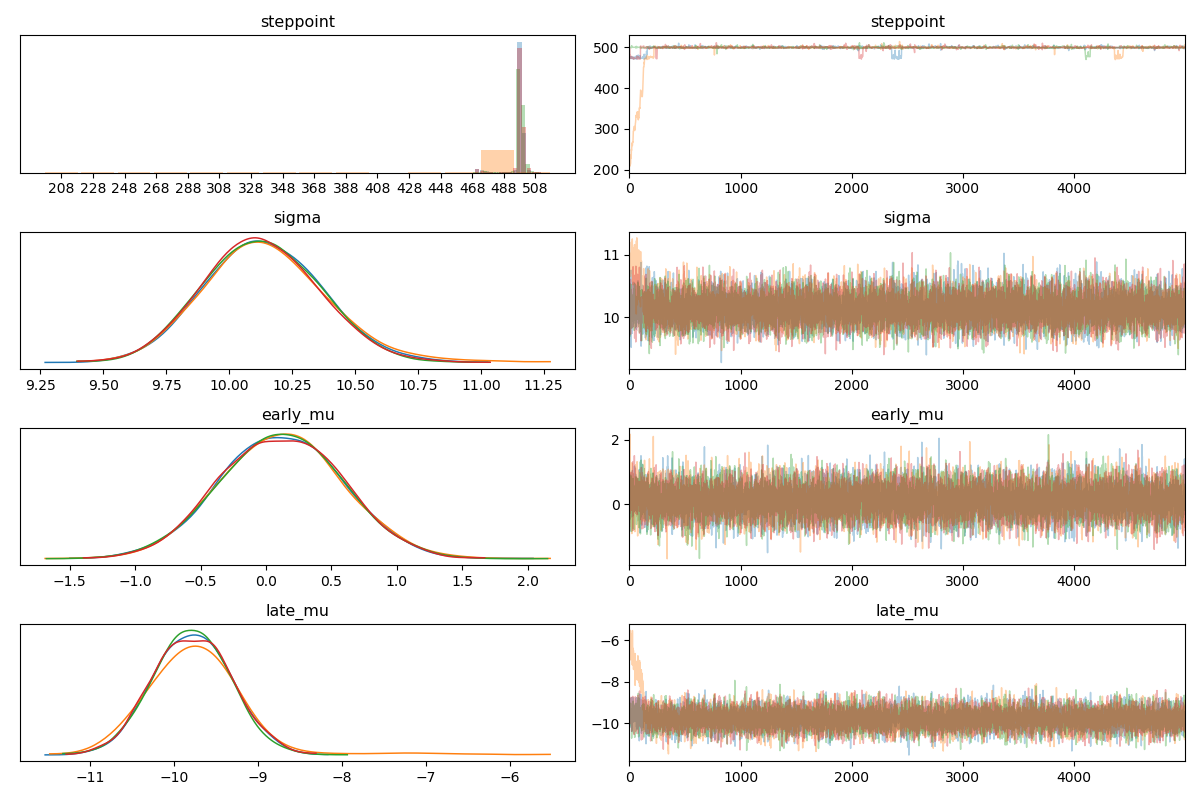
















Experiments and results

Simulation experiments

Field experiments

Discussion

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**Data Availability**

All data generated during and analyzed during the current study are available from the first author on reasonable request.

References

**Author Biographies**

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