• Mini-project

Bayesian Statistics and Data Analysis
Mini Project Send-Off

Måns Magnusson
Department of Statistics, Uppsala University

- Mini-project

Section 1

Mini-project

Mini-project

- See project instructions on webpage for details.

Mini-project

- See project instructions on webpage for details.
- The project should use Stan.
- Approximate 40 hours of work *per student*.

Mini-project

• Mini-project

- See project instructions on webpage for details.
- The project should use Stan.
- Approximate 40 hours of work *per student*.
- The project should result in a 4 page report (PDF) using the ICML LaTeX template (see course page). *Tables, references, Figures should follow the guidelines also.*

Mini-project

- See project instructions on webpage for details.
- The project should use Stan.
- Approximate 40 hours of work *per student*.
- The project should result in a 4 page report (PDF) using the ICML LaTeX template (see course page). *Tables, references, Figures should follow the guidelines also.*
- Project oral presentation (10-15 minutes)

Mini-project

- See project instructions on webpage for details.
- The project should use Stan.
- Approximate 40 hours of work *per student*.
- The project should result in a 4 page report (PDF) using the ICML LaTeX template (see course page). *Tables, references, Figures should follow the guidelines also.*
- Project oral presentation (10-15 minutes)
- Write it as a real statistical analysis:
  1. Have a proper title

Mini-project

- See project instructions on webpage for details.
- The project should use Stan.
- Approximate 40 hours of work *per student*.
- The project should result in a 4 page report (PDF) using the ICML LaTeX template (see course page). *Tables, references, Figures should follow the guidelines also.*
- Project oral presentation (10-15 minutes)
- Write it as a real statistical analysis:
    1. Have a proper title
    2. Avoid having technical details (n_{eff}, $\hat{R}$) in the report - put in appendix

Mini-project

- See project instructions on webpage for details.
- The project should use Stan.
- Approximate 40 hours of work *per student*.
- The project should result in a 4 page report (PDF) using the ICML LaTeX template (see course page). *Tables, references, Figures should follow the guidelines also.*
- Project oral presentation (10-15 minutes)
- Write it as a real statistical analysis:
    1. Have a proper title
    2. Avoid having technical details $(n_{eff}, \hat{R})$ in the report - put in appendix
    3. Interpret your results, show what you have learned in the course

Mini-project

- See project instructions on webpage for details.
- The project should use Stan.
- Approximate 40 hours of work *per student*.
- The project should result in a 4 page report (PDF) using the ICML LaTeX template (see course page). *Tables, references, Figures should follow the guidelines also.*
- Project oral presentation (10-15 minutes)
- Write it as a real statistical analysis:
    1. Have a proper title
    2. Avoid having technical details (n_{eff}, $\hat{R}$) in the report - put in appendix
    3. Interpret your results, show what you have learned in the course
    4. Evaluate using the log predictive density (if it is reasonable)
- The mini-project is worth 2 VG-points (if it is passed with distinction).