
Advanced Bayesian Inference with Case Studies: Grading

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- Grade by implementing from scratch (R or Python) 2 models taken from the WinBUGS volumes. Data and case studies are available from

<https://mribatet.perso.math.cnrs.fr/CentraleNantes/BAYES/GradingBayes.zip>

- Teams of 4 students (and different for the 2nd model)
- Your code will be hosted on Github so that I can big brother each of you

<https://github.com>

and please do many commit/push.

- For each application, write a short report (2/3 pages) that
 - introduces the data and explains the logic behind the model
 - gives mathematical details for your MCMC sampler
 - discusses the inference and results
- Confirm if choice is OK, i.e., not too simple or already done!