pipeline: TODO

John Letey[1], Tony E. Wong[1]

ABSTRACT

TODO!!!

[1]University of Colorado at Boulder

Note: If you want to get started immediately with the pipeline *package, start at Appendix A on page 3 or visit the online documentation at* https://mussles.github.io/pipeline. *If you are sampling with* pipeline *and having low-acceptance-rate or other issues, there is some advice in Section 3 starting on page 2.*

REFERENCES

Gelman, Andrew; Rubin, Donald B. Inference from Iterative Simulation Using Multiple Sequences. Statist. Sci. 7 (1992), no. 4, 457–472. doi:10.1214/ss/1177011136. https://projecteuclid.org/euclid.ss/1177011136

Haario, Heikki; Saksman, Eero; Tamminen, Johanna. An adaptive Metropolis algorithm. Bernoulli 7 (2001), no. 2, 223–242. https://projecteuclid.org/euclid.bj/1080222083

Rosenthal, J. S. 2010. Optimal Proposal Distributions and Adaptive MCMC. Handbook of Markov chain Monte Carlo. Eds., Brooks, S., Gelman, A., Jones, G. L., and Meng, X.-L. Chapman & Hall/CRC Press. Available online at https://pdfs.semanticscholar.org/3576/ee874e983908f9214318abb8ca425316c9ed.pdf

Roberts, G. O., Gelman, A., and Gilks W. R. 1997. Weak convergence and optimal scaling of random walk Metropolis algorithms. Ann. Appl. Prob. 7, 110120. Available online at http://projecteuclid.org/download/pdf_1/euclid.aoap/1034625254

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A. Installation

B. Issues & Contributions

The development of pipeline is being coordinated on GitHub at http://github.com/mussles/pipeline and contributions are welcome. If you encounter any problems with the code, please report them at http://github.com/mussles/pipeline/issues and consider contributing a patch.

C. Online Documentation

To learn more about how to use pipeline in practice, it is best to check out the documentation on the website https://mussles.github.io/pipeline. This page includes the API documentation and many examples of possible work flows.