# Gradient-Free Optimal Postprocessing of MCMC Output

by

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## Abstract

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## Introduction

Introduction to your project.

#### Background and data

- 1.1 Why MCMC algorithms
- 1.2 Challenges of running MCMC
- 1.3 Optimal thinning as a solution to burn-in and thinning
- 1.4 Gradient calculation in optimal thinning

# Methodology

One or more chapters describing the novel methodology you have developed or implemented or the strategy for model comparisons and assessment.

## Results

The results of your analysis.

## Conclusions

What the reader has learnt from your dissertation and what questions are still open.

# Appendix A

# $\mathbf{Code}$

Here you can include relevant bits of the code.

# **Bibliography**

R Core Team. R: A Language and Environment for Statistical Computing. R Foundation for Statistical Computing, Vienna, Austria, 2021. URL https://www.R-project.org/.