Project Proposal: Replication of Childers et al. [2022]

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1 Introduction

Briefly introduce the paper you are planning to replicate Childers et al. [2022].

2 Literature Review

Discuss the existing literature related to your project.

3 Methodology Design

Describe the methodology you plan to use for the replication.

4 Preliminary Results

Discuss any preliminary results you have obtained.

5 Code Testing Plan

Outline your plan for testing the code you will write for the project.

6 Conclusion

Conclude your proposal.

References

David Childers, Jesús Fernández-Villaverde, Jesse Perla, Christopher Rackauckas, and Peifan Wu. Differentiable State-Space Models and Hamiltonian Monte Carlo Estimation, October 2022.