Fixed Rank Kriging

for

Continuous Gamma Radiation Data

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Summary sentence.

1. Introduction

Intro goes here.

2. Method

Method goes here.

Basis Function Generation

Stuff.

Estimation of σ_ϵ^2 via Semivariogram

Stuff.

Estimation of σ_ψ^2 and K via EM Algorithm

Stuff.

Fixed Rank Kriging: Smoothing and Prediction

Stuff.

3. Results

Results go here.

4. Discussion

Discussion goes here.

5. R Code Appendix

Documentation Source

All project documentation and source code is available in the following github repository.

https://github.com/jstarling1/spatialsmoothing

R Code: Main Launcher File

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