UCL CDT DIS Note

UCLCDTDIS-2019-XX

18th April 2020

Draft version 0

Results from TBR Group Project

Petr Mánek[a] and Graham Van Goffrier[a]

[a]University College London

The abstract of my report.

Contents

1 Introduction

Introduction

1.1 Problem Description

2 Data Preprocessing

Data

2.1 Data Description and Initial Sampling

2.2 Dimensionality Reduction

2.2.1 Principal Component Analysis

2.2.2 Variogram Computations

2.2.3 Autoencoders

3 Methodology

Methodology

3.1 Model Comparisons

3.2 Adaptive Sampling

4 Results

Results

4.1 Results of Model Comparisons

4.2 Results of Adaptive Sampling

5 Conclusion

Conclusion