MT4113 Assignment 3 Report

# Abstract

# Introduction

To estimate the parameter of interest and make inferences about a sampling distribution, bootstrap in statistics is widely used. It is of great significance for a bootstrap confidence interval to have a good performance of the coverage of the true mean. This assignment aims to test performances of three different bootstrap methods. [未完]

# Methods

## Bootstrap Methods

1. Non-parametric Bootstrap percentile method
2. Non-parametric Bootstrap BCa
3. Parametric Bootstrap percentile method
4. Discussion about other methods

## The Testing Method

1. Graphs
2. Text report
3. A csv file for future use

# Results

# Discussion

# Conclusion