Milestone report

2023-03-14

A short report (5 - 10) pages

Overview of the thesis

1. background and motivation

- the role of visual diagnostics in modelling
- a brief introduction to visual inference
- limitation of lineup protocol

2. research questions

-     a. study the use of visual inference in regression diagnostics with a comparison to conventional test

-     b. build a computer vision system to evaluate residual plot

-     c. make the system available to the public

3. summarise the work in the first year

- an experiment to compare visual test with conventional test
- a prototype model for lineup evaluation
- points out the limitation of the work

4. summarise the work in the second year

- refine and reconduct the experiment

5. main findings to date

- findings from the first year
- findings from the second year

Thesis structure

1. chapter 1 outline
2. chapter 2 outline
3. chapter 3 outline

Timetable

- May
- June
- July
- Aug
- Sep
- Oct
- Nov
- Dec: conference

- Jan
- Feb
- Mar

Difficulties

1. identified difficulties
2. suggestions for overcoming these difficulties