Change me progress report

3rd February 2025

Over the last two weeks, we have conducted an extensive literature review, with the starting point of the three papers we were provided by our teaching assistant. We did this by meeting three times as a group and spent two hours each time reading and collecting related papers, datasets, etc. in a shared document. All group members contributed equally towards this effort, but members A and B spent additional time to turn the notes into an early draft of the related work section for the project report.

Members B, C, and D spent time to locate publicly available datasets for the task we set as our project goal. After initial filtering, they were left with five datasets and judged three of them as the most viable based on prior use by a number of scientific publications. Lastly, they wrote data loaders for the datasets that they then shared with the rest of the group.

E, F, and G were tasked with finding code for models that we could use for the project. They located a number of repositories by skimming papers, but had to in addition to this search the web for reimplementations as not all papers had included working code. It took considerable effort, but they managed to get four of the models implementations to run on the hardware provided by UCL CS for their students. We will proceed to train preliminary models for these four models for now and return to the other codebases if there is time in the future, so as to get some preliminary results rather than spend weeks to adapt the code to run.