

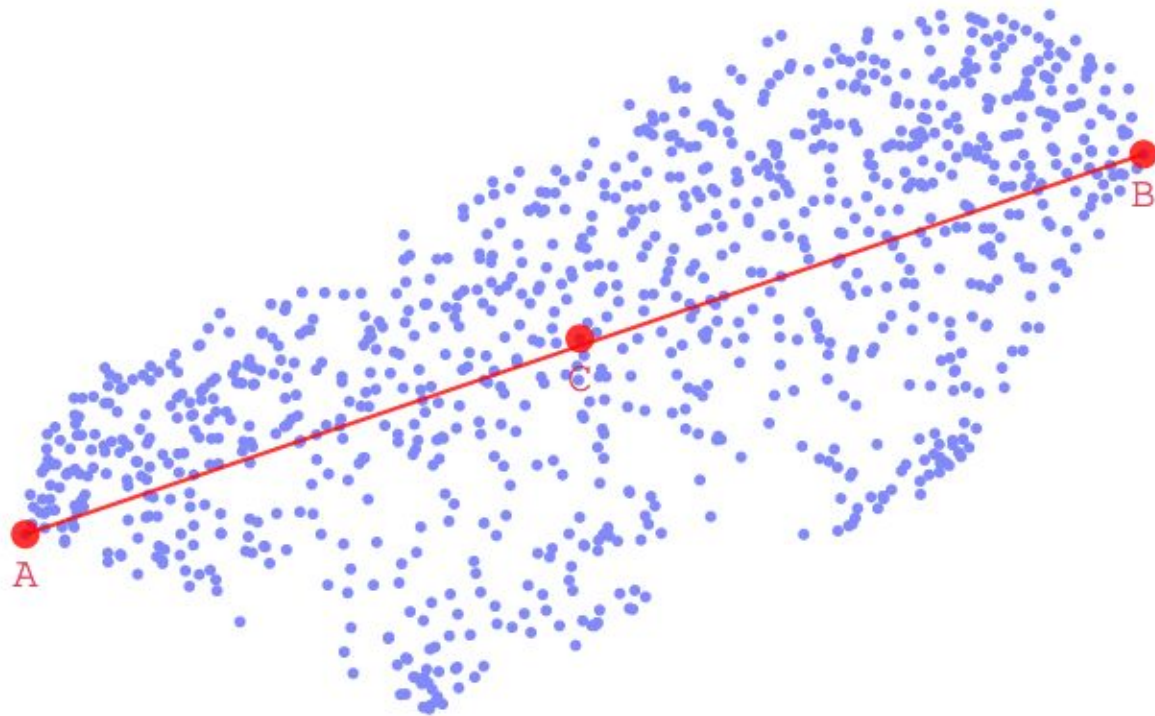
# Week 12 Meeting

2357351G - MSci Half Project

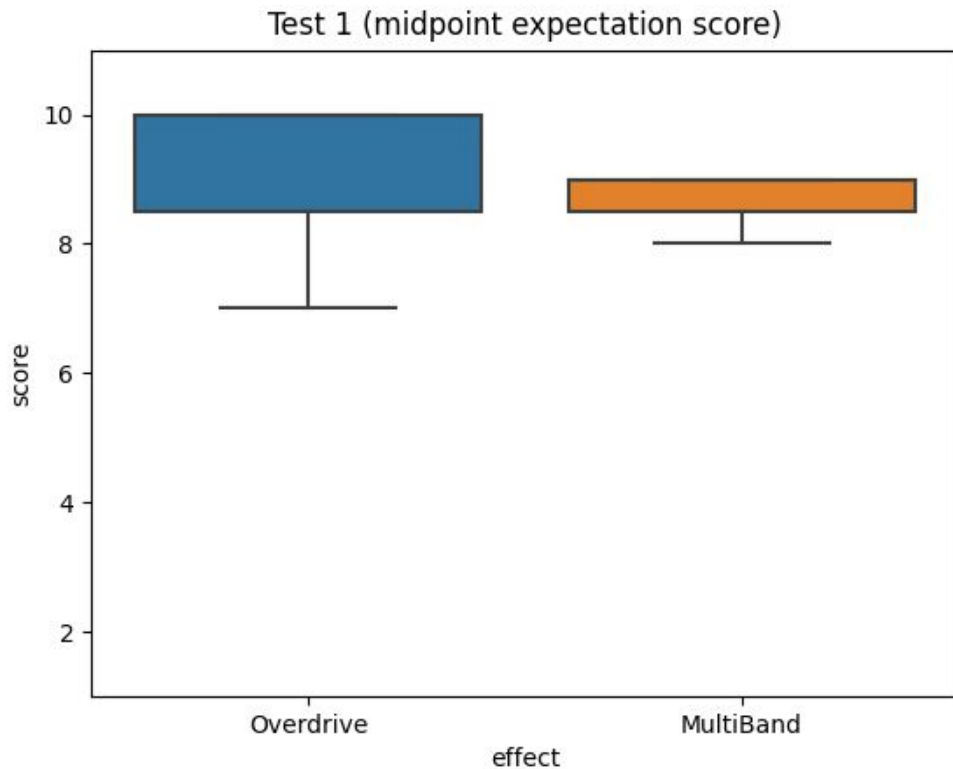
# What I've done this week

- Finished implementation of latent controller interface.
- Ran latent controller evaluation with expert user using Overdrive and MultiBand DAFX.
- Forked webMUSHRA repo and updated with style matching attempts.
- Deployed webMUSHRA as webapp.
- Created scripts for collecting evaluation metrics for model with VTCK, DAPS and MusDB18 dataset.

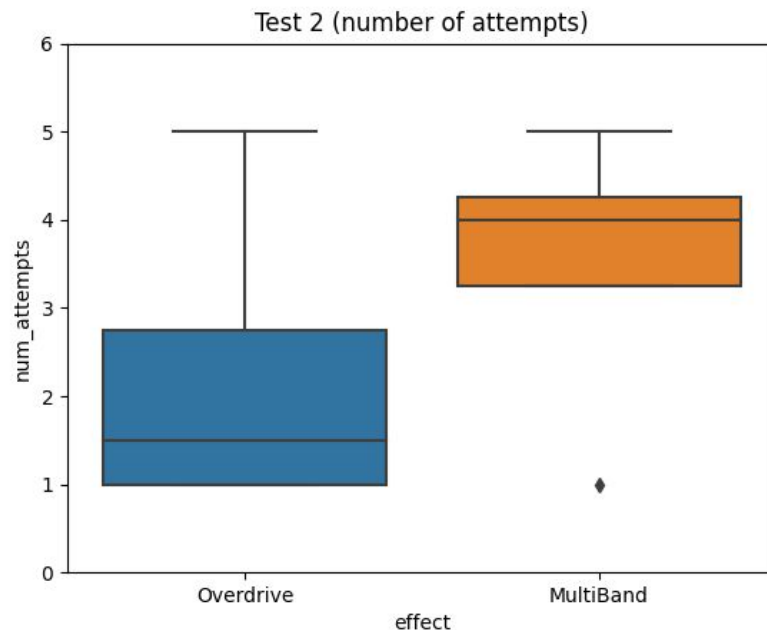
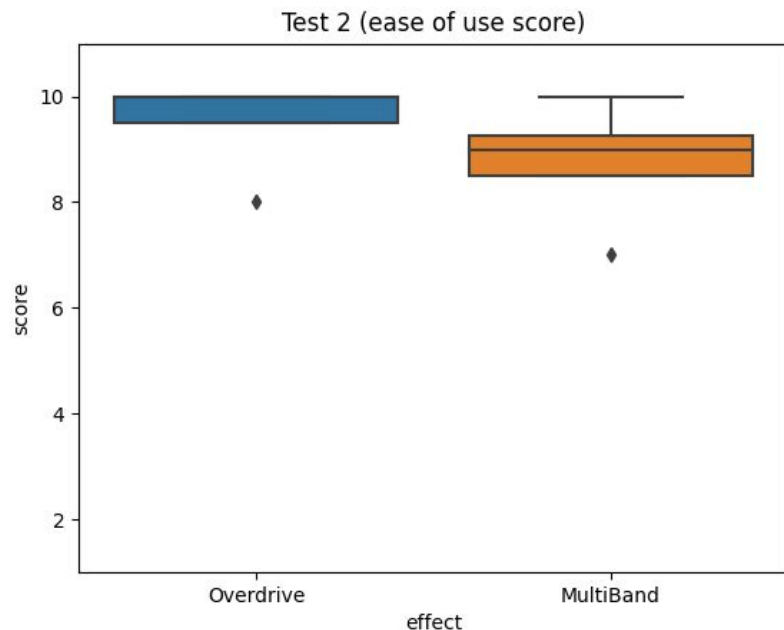
# Latent Controller Experiment



# Latent Controller Results - Test 1



# Latent Controller Results - Test 2



# Latent Controller Results - Test 3

Question	Overdrive score (1-10)	MultiBand score (1-10)
<i>Overall, how intuitive did you find the interface to use?</i>	7	9
<i>Were you able to accurately apply the effect you wanted?</i>	10	10
<i>Would you say that similar sounding effect settings were grouped close together?</i>	10	10

## Latent controller - General comments

- For the Overdrive, the brightest sounds were generally on the left and the less bright sounds on the right. The participant commented that they would expect these to be the other way around.
- The participant found the Overdrive slightly easier to get to grips with, but once they were familiar with the space they found it quite easy to find the setting they wanted for the MultiBand compressor.
- Participant said that they expected more of a gradient in the drive effect for Overdrive. They commented that it went from relatively clean to quite a heavy overdrive too quickly.
- User would have expected to have the 'cleanest' settings for each effect at the bottom middle for both effects. User felt like this was true for Overdrive, but not the MultiBand compressor.
- The user also commented that they probably would have found it easier to get to grips with the controller if they were able to control it themselves.

# Questions

- Do you think that there are a wide enough variety of DAFX (4) and examples per DAFX (3) in the MUSHRA test?
- Are there any ethics points I might have missed with the webMUSHRA app?
- Have there been any updates on presentation?



# Plan for next week

- Get participants for MUSHRA test.
- Report writing.

# Where I am in schedule

- Evaluation implementation done, next couple weeks focussed on analysing results and writing report.