**How to Use The “Controller Trainer” Jupyter Notebook**

**Packages:**

See other readme’s about cv2

**Controller Training:**

The training data is expected to be in the images folder, which is where the data processor for this NN puts it.

I made the architecture of the controller a neural net of simple dense and dropout layers based around the length of z. The architecture was made to be robust against changes in the length of z and z’, so changes should not be needed even if editing this parameter. However, once actual training data (actions) is given, it may be worth adjusting the architecture to improve loss outcomes.

Otherwise, this script is the same as the other trainers. Compiles with MSE loss and saves the weights in the models folder.