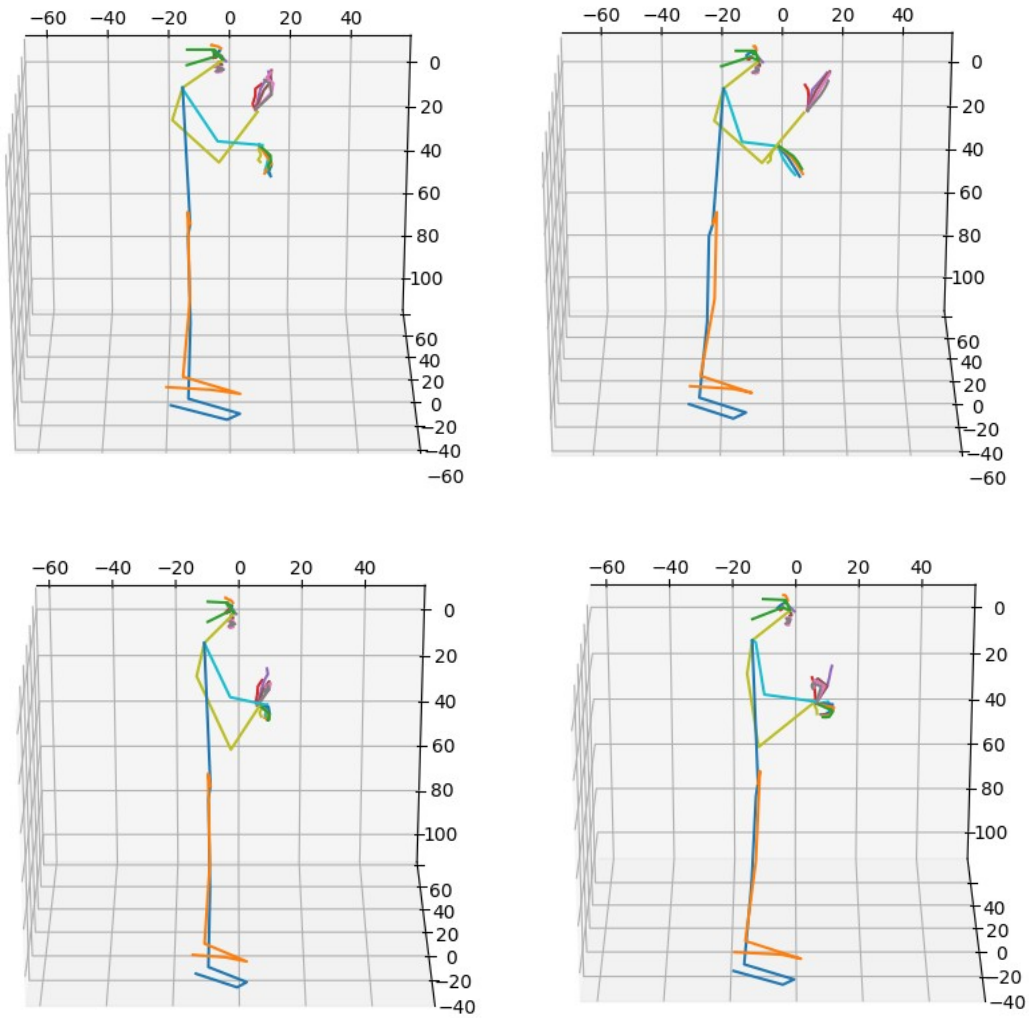
Small architecture

I trained first splitting one video frames into train, validation and test. Then, I also tried to train, validate and test with all the videos from just one signer. I rotated all the skeletons for plotting, so that the z-axis (predicted coordinates) are in the horizontal direction.

All keypoints

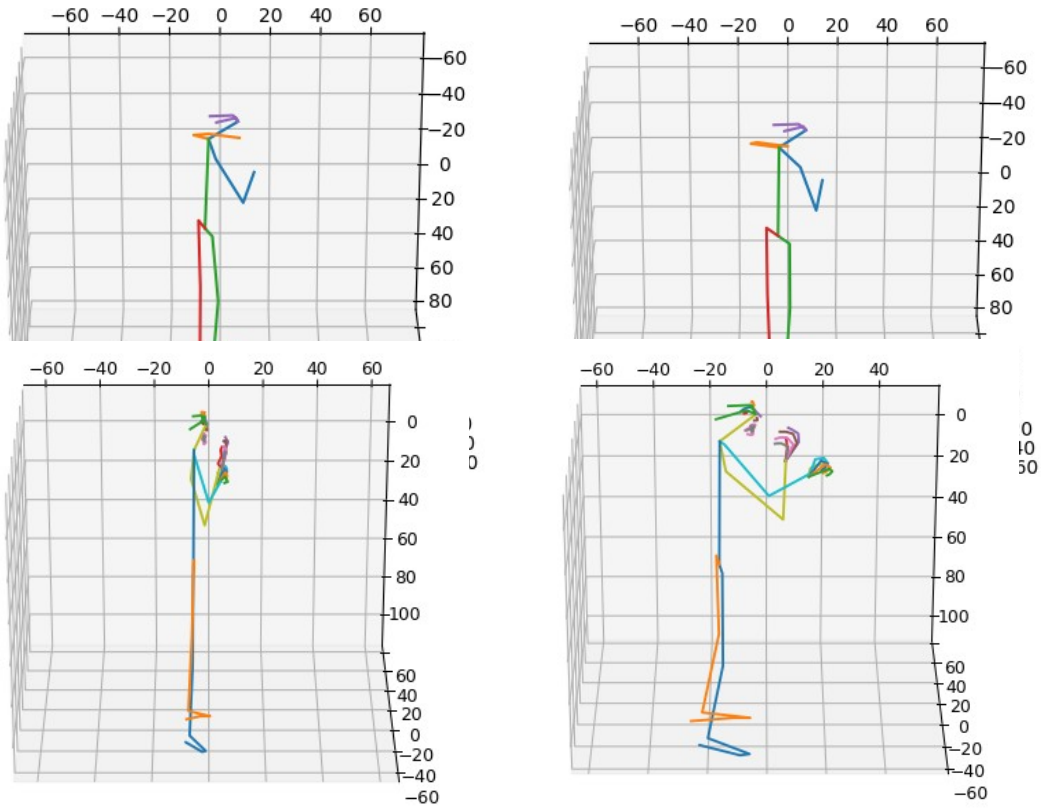
Using one video, results on testing data [predicted | groundtruth]:



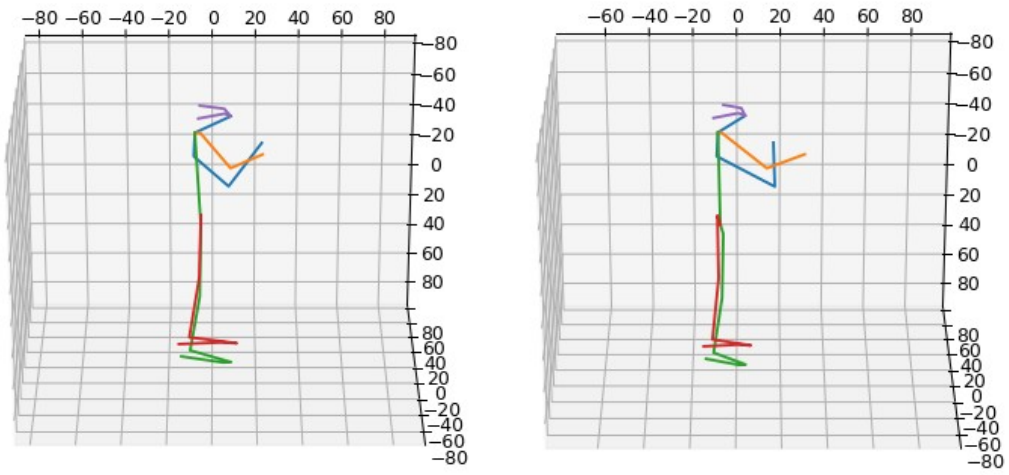
Using all the videos from a signer, results on testing data[predicted | ground-truth]:

Body

Using one video, results on test data [predicted | groundtruth]:

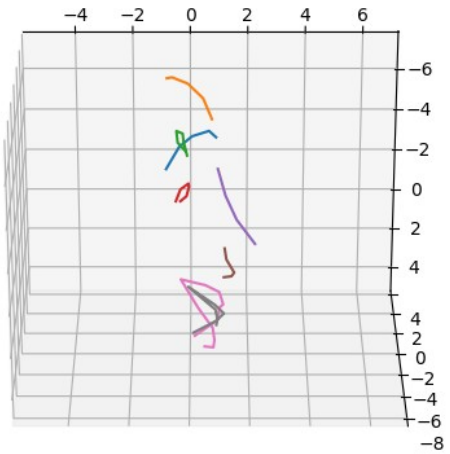
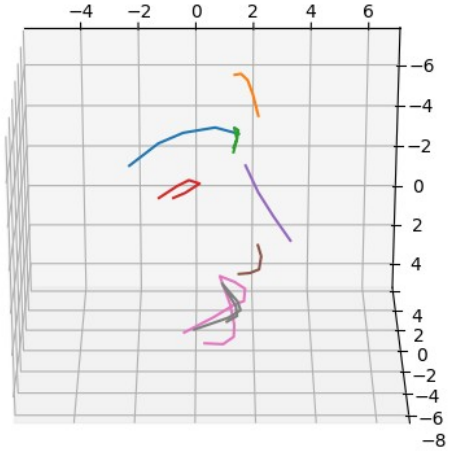


Using all the videos from a signer, results on testing data[predicted | ground-truth]:

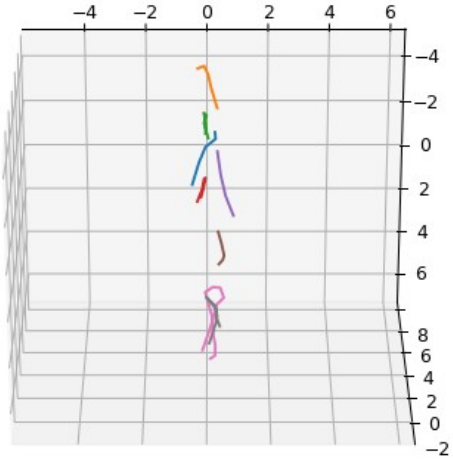
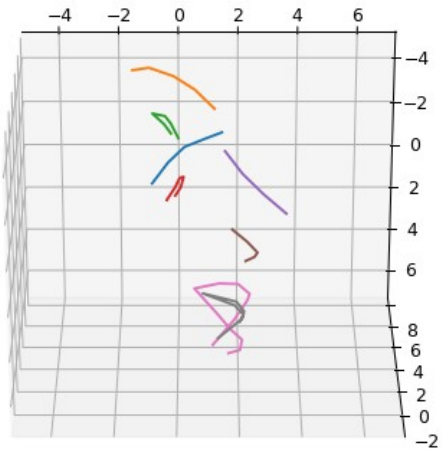


Face

Using one video, results on test data [predicted | groundtruth]:

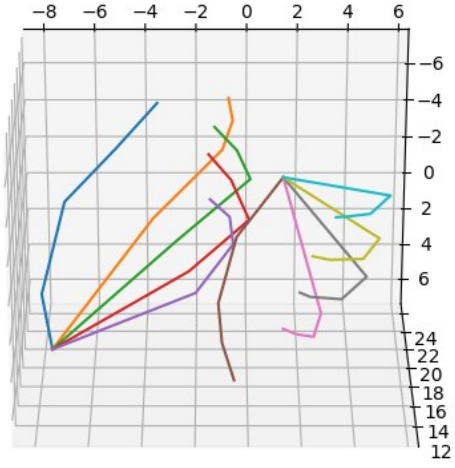
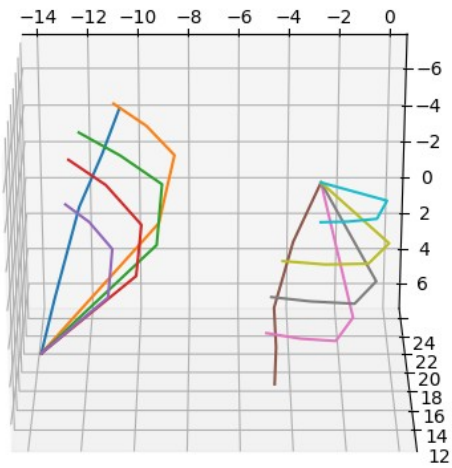



Using all the videos from a signer, results on test data[predicted | ground-truth]:

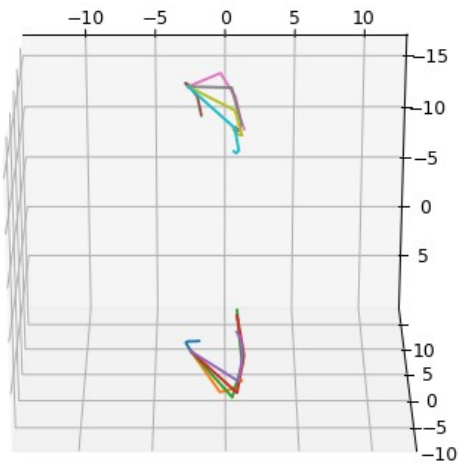



Hands

Using one video, results on testing data [predicted | groundtruth]:

Using all the videos from a signer, results on training data[predicted | ground-truth]:


−10
−5
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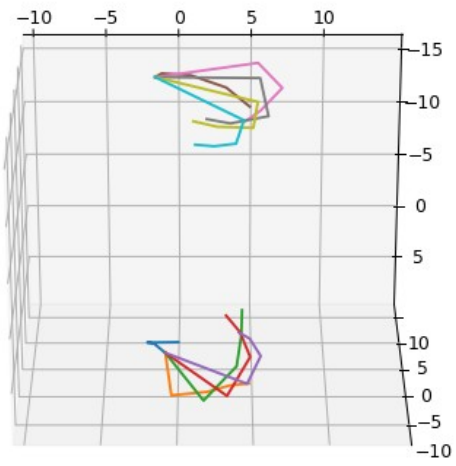
10
15
10
5
0
−5
−10


−10
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−10