Notes 2020-02-14

We haven’t talked about if we want to use sup-parts of the sequence

Some methods require that some sequences have the same start and end frames

Scaling and rotation are good if we want to focus on the movement

Which kind of 1D features does the other use? (Crucial question)

Read up on how these 1D features are selected

Justify how we think our spatial alignment is good and correct

We might run into trouble with the length of longest sequence (keep this in mind)

Might try to see whether the cut-down in length might affect the DTW results

Consider whether smoothing would help our problem with sequences stopping for a few frames

Smoothing can happen with Low-pass filtering (convolutions)

Problems:

Focus on a 1D feature

It might take to long to implement some of these methods ourselves

How can one running be closer to one walking rather than another running?

A procedure to get intermediate values between frames might be a good idea to avoid sequences standing still

Todo:

Try to incorporate the different hands and feet for the DTW

Experiment more with how the temporal alignment can be done best