Notes 24-03-2020

You didn’t align running to walking – so how would we do if we got a new sequence?

Assumption that there is a joint movement – feet going of the ground and coming back

Before we use the tensor approach, we need to have adjoint alignment

Align separately and then together

In this case, we introduce a difference of classes due to the reference graphs

When we get a new sequence, we should align it to the cross-class reference

Considering this as an application:

The U2 is a factorization of the complete data

New sample, we had to estimate the U2 parameter for the sequence

The input shape f:

Additional constraint:

Extend our equation system?

U2 should be constant

We don’t add a new point – We estimate where it is located within this sub-space

Is a Tensor model a good approach to this problem?

Two sides

1. One with the classification that use the Tensor model
2. One without the Tensor model

Why do we do what we do?

We need to remember what is going on: (reference)

What is the input?

What is the output?

How do they get to the output?

To-do:

Create cross-class reference class to align classes to

Continue the classification part

Estimate U2 parameters for new sequence

Figure out why do we do this?

Stella will add tensor model parameter estimation