Questions for Nicolo:

Why does their example in Q not work. I get a parabola

Basically what does fdPar do?

How do bsplines work? Quick summary

Transformations??? Code doesn’t make sense to me

Should I work with time exclusively or should I mention that this does not need to be time specific.

What is a function that cant be referred to in a way that is easily expressible called

What voice should the dissertation be in?

Project Plan:

Make shiny dashboard page that roughly works through how functional data analysis in easily understandable language and gives code on how to do it.

How does Roughness penalty matrix work

How do we pick our linear differential operator

How do we pick our number of basis functions when defining a functional basis object