**Solution Sheet**

1. Which model have you used for probability prediction? Explain your model.

Used random forest , Polynomial regression, svm’s and then the good old neural network.

The best results came with the neural network with the least mse score and highest being polynomial regression.

The beast results came for step down network and relu activation function.

First I included the city field but then new cities were included which were not there in the training dataset so exclude that and used dropouts to decrease the overfitting

1. Which model have you used for Diuresis Time series prediction? Explain your model.

I think the grus or lstms with attention woul give the best results but don’t know how to model them yet.