Meeting Baldiri – 16-10-2018

Discussing lineair and multi-variate regression

* Server error for the big nan streaks (28 days of correct data)
* Baldiri want to make a table of correlations with the three different models:

|  |  |  |  |
| --- | --- | --- | --- |
| Mean | MSE MR | MSE F | MSE NN |
| 1H | 60% (eg) | .. | .. |
| 1D | .. | .. | .. |
| 1W | .. | .. | .. |

* MV: try taking temperature of one day ago, see what it does
* MV: when you found an optimal method to predict with mv, see the average of all the dwellings
* Fourier: if we want to use this, we have to think about the gaps we are creating when deleting NaNs --> Fourier compares to previous points, so deleting one will give problems.
* Fourier: look at work schedules as a first approach.
* NN: If we use the whole dataset, let’s see if it will make a difference in error%.
* If lineair/mv regression is done, send two or more people on Fourier

Conclusie: Make a table first (make all the methods work), then start tweaking. **Make sure you compare the error% with all the methods, so you can actually compare them. Using the same error%.**

Make sure you write down all the changes you make to the parameters etc, then write down the given error%

Goal end of this week: finish lin/mv regression (see table), research Fourier and give some examples. Next week we can see if we can fill the Fourier error% in next week