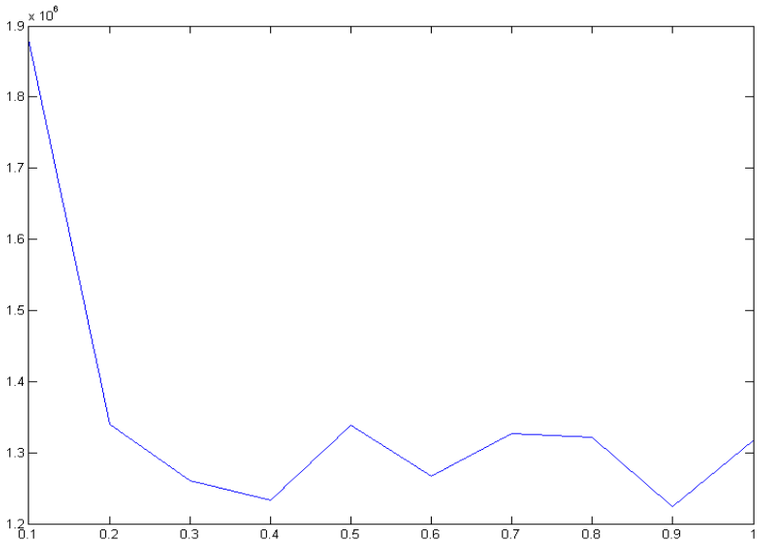
This file contains the final results of the two spread analysis made on the two data sets. The testing set was obtained sampling 70% of each month in both cases and using the remaining 30% for testing. Each of these two analysis is the result of the avarage on 30 runs. We first tried with a step of 0.1 between values of spread of 0.1 and 1, and then focussed on the best performing ones.

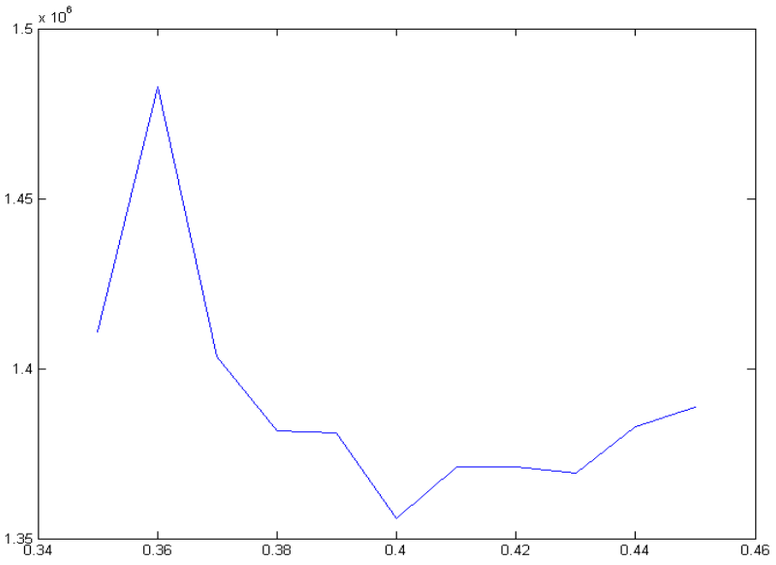
Day - 30 iterations
0.1 : 0.1 : 1

MSE
1.88E+06
1.34E+06
1.26E+06
1.23E+06
1.34E+06
1.27E+06
1.33E+06
1.32E+06
1.22E+06
1.32E+06



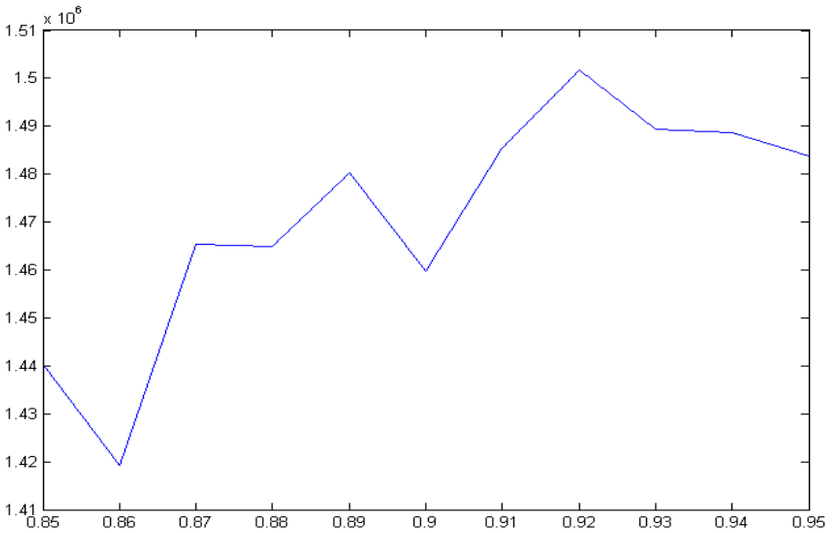
0.35 : 0.01 : 0.45

MSE
1.41E+06
1.48E+06
1.40E+06
1.38E+06
1.38E+06
1.36E+06
1.37E+06
1.37E+06
1.37E+06
1.38E+06
1.39E+06



0.85 : 0.01 :0.95

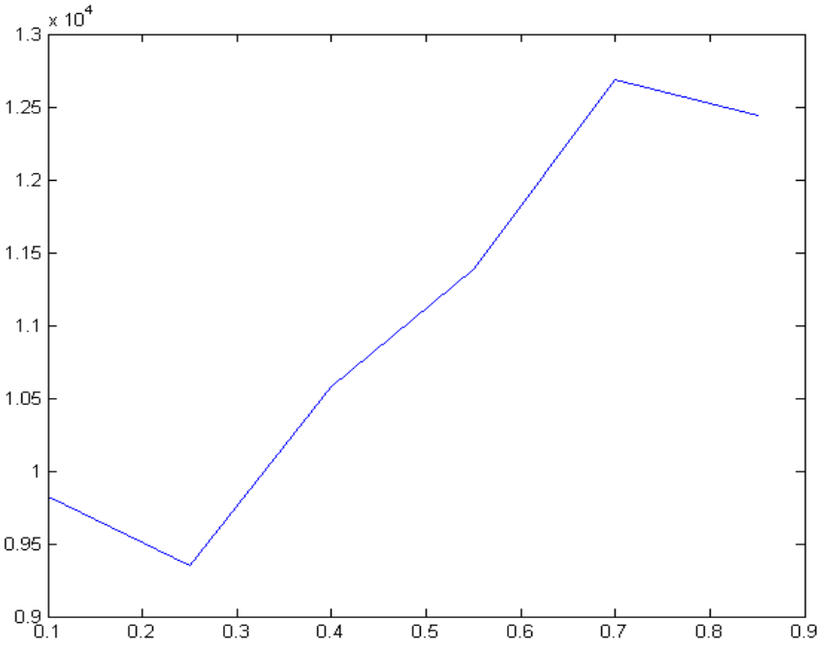
MSE
1.44E+06
1.42E+06
1.47E+06
1.46E+06
1.48E+06
1.46E+06
1.49E+06
1.50E+06
1.49E+06
1.49E+06
1.48E+06



Based on the results obtained we defined 0.4 as an optimal spread value for the day RBF based network

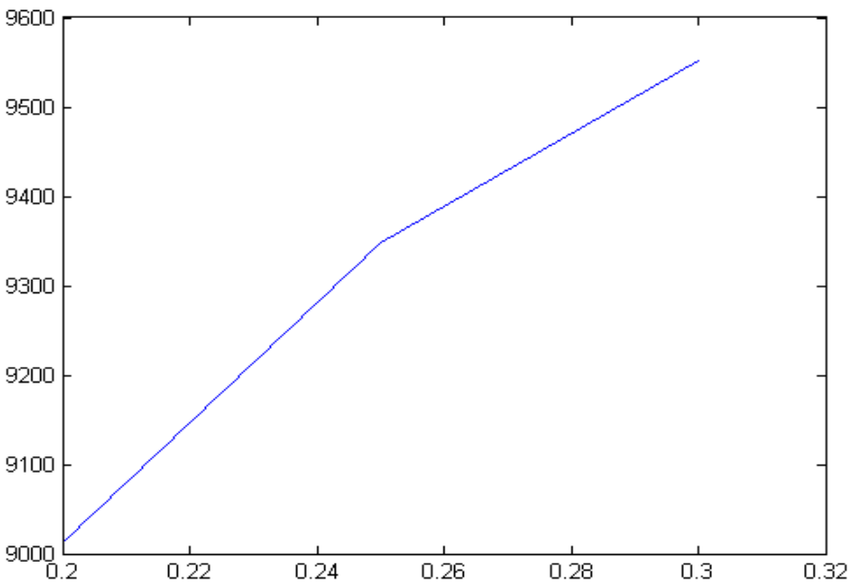
Hour - 5 iterations
0.1 0.25 0.4 0.55 0.7 0.85

MSE
9.82E+03
9.35E+03
1.06E+04
1.14E+04
1.27E+04
1.24E+04



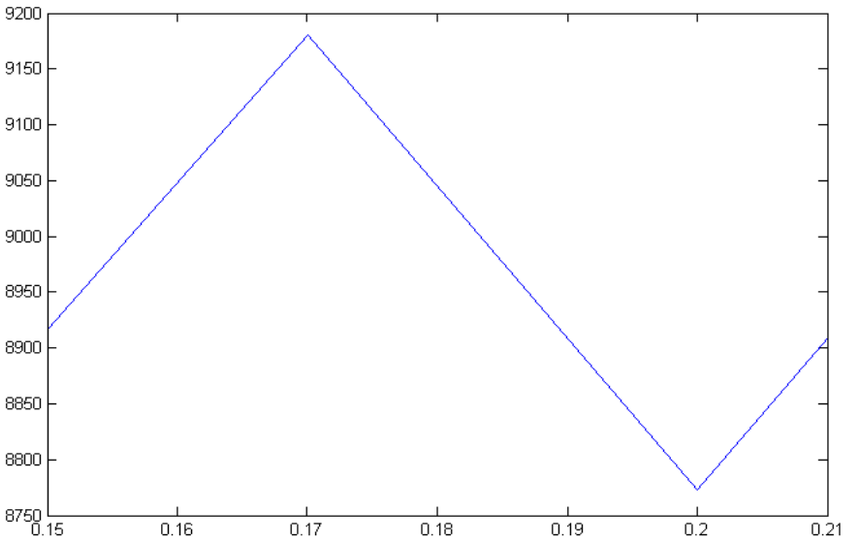
0.2 0.25 0.3

MSE
9.01E+03
9.35E+03
9.55E+03



0.15 0.17 0.2 0.21

MSE
8.92E+03
9.18E+03
8.77E+03
8.91E+03



Based on the results obtained we defined 0.2 as an optimal spread value for the hour RBF based network