Default parameter:

Train rmse: [26.22, 26.17, 26.1, 26.2, 26.19, 26.2, 26.1, 26.22, 26.21, 26.18]

Test rmse: [10.11, 9.72, 10.13, 9.53, 9.56, 10.1, 9.6, 9.59, 9.41, 9.42]

time\_step\_lag: 20-30

Train rmse: [26.39, 26.59, 26.53, 26.52, 26.58, 26.56, 26.5, 26.6, 26.57, 26.62, 26.61]

Test rmse: [10.11, 10.05, 9.55, 10.05, 10.06, 9.41, 9.42, 9.37, 9.46, 9.49, 10.01]

time\_step\_lag: 20-25

time\_step\_ahead: 30

epochs: 1250

neurons: 5

Train rmse: [27.02, 26.92, 27.1, 27.01, 27.08, 27.05]

Test rmse: [12.54, 12.5, 12.53, 12.62, 12.61, 12.51]

time\_step\_lag: 20-25

time\_step\_ahead: = num\_of\_test\_set (holds for each result from now on) = 30

epochs: 1500

neurons: 5

Train rmse: [26.97, 26.94, 27.02, 26.96, 27.0, 27.0]

Test rmse: [12.42, 12.47, 12.59, 12.63, 12.57, 12.58]

time\_step\_lag: 20-25

time\_step\_ahead: 30

epochs: 1000

neurons: 10

Train rmse: [26.93, 26.9, 26.98, 26.92, 27.03, 26.96]

Test rmse: [12.54, 12.52, 12.55, 12.62, 12.52, 12.7]

time\_step\_lag: 20-25

time\_step\_ahead: 30

epochs: 1000

neurons: 15

Train rmse: [26.99, 26.94, 26.99, 26.96, 26.95, 26.95]

Test rmse: [12.52, 12.69, 12.46, 12.45, 12.59, 12.64]

time\_step\_lag: 20-25

time\_step\_ahead: 30

epochs: 2000

neurons: 20

Train rmse: [26.78, 26.83, 26.82, 26.92, 26.92, 26.92]

Test rmse: [12.62, 12.59, 12.72, 12.51, 12.55, 12.64]

time\_step\_lag: 20-25

time\_step\_ahead: 30

epochs: 1250

neurons: 5

Train rmse:

Test rmse:

time\_step\_lag: 20-25

time\_step\_ahead: 30

epochs: 1250

neurons: 5

Train rmse:

Test rmse:

RRMSE:

However, comparisons across different types of data would be invalid because the measure is dependent on the scale of the numbers used.

RMSD is sensitive to outliers. (Wiki)