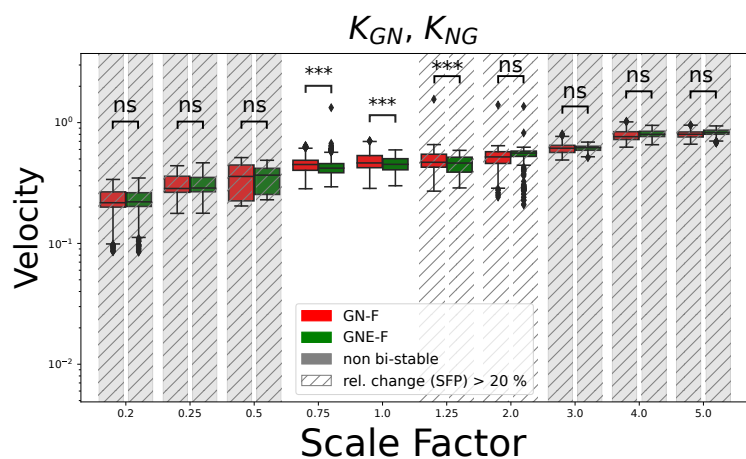
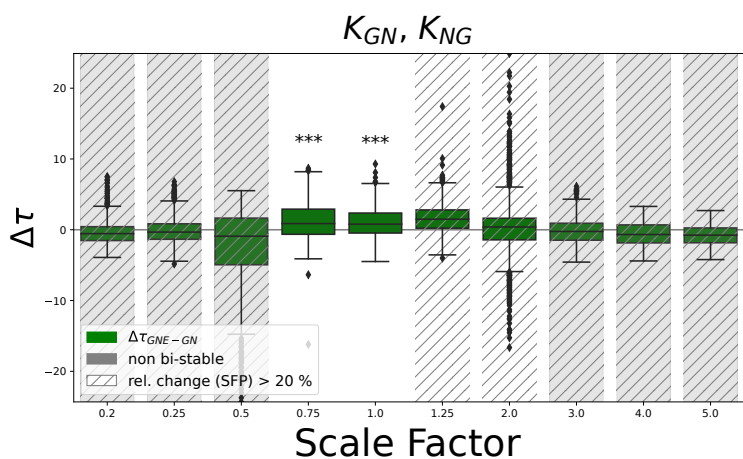
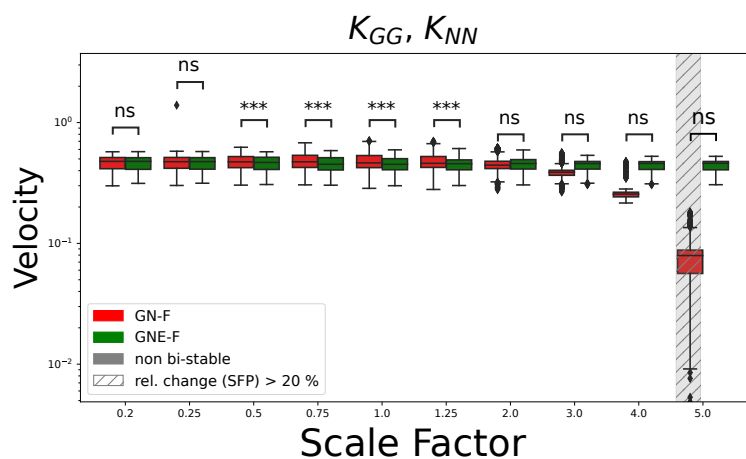
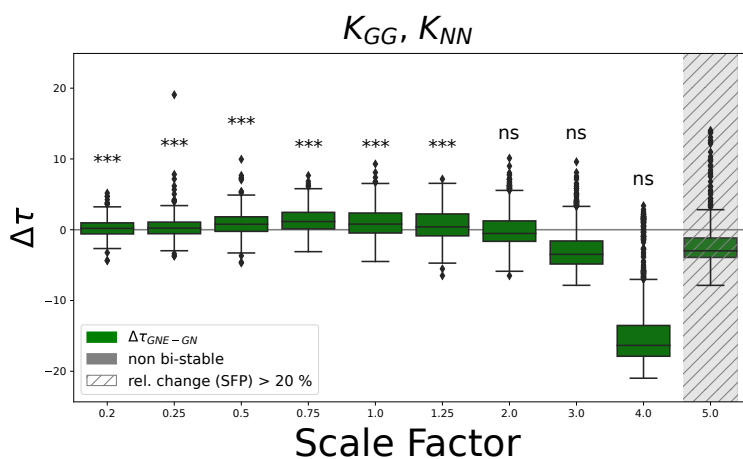
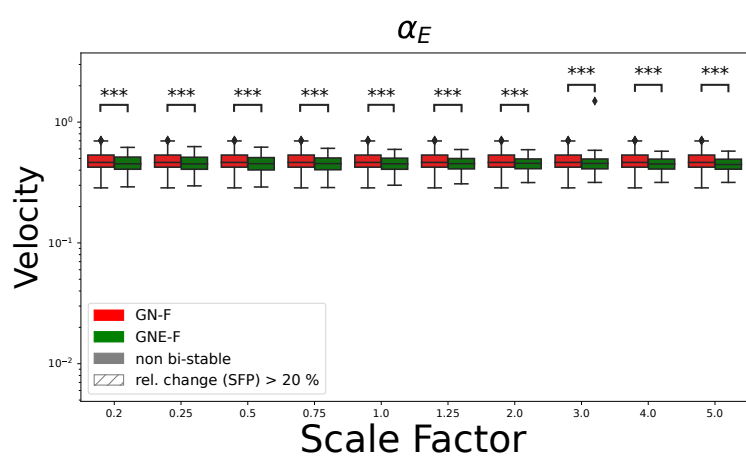
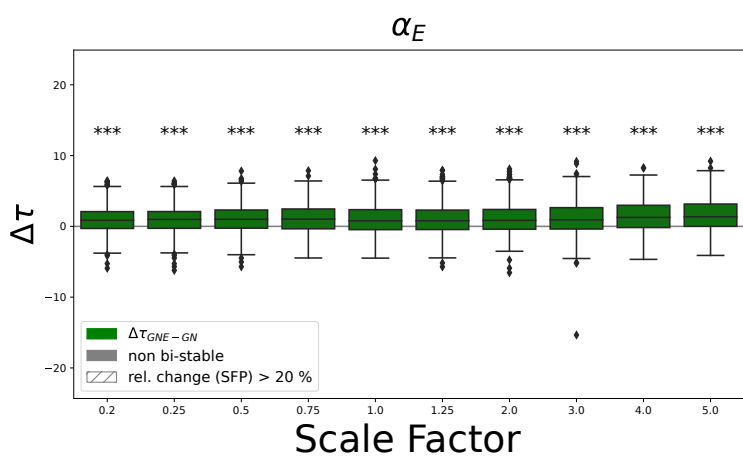
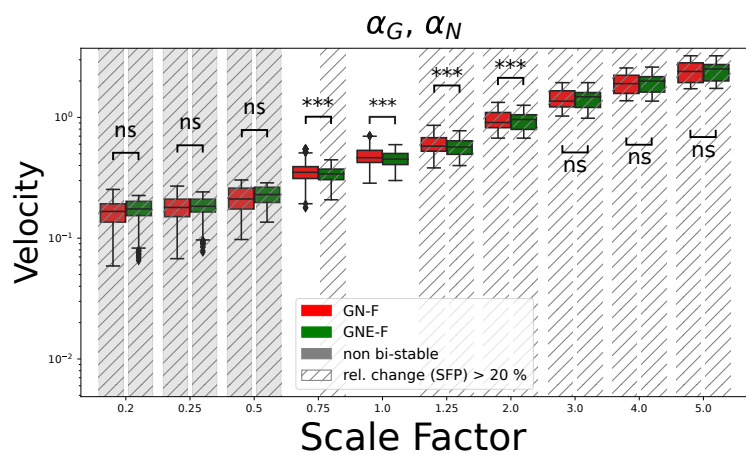
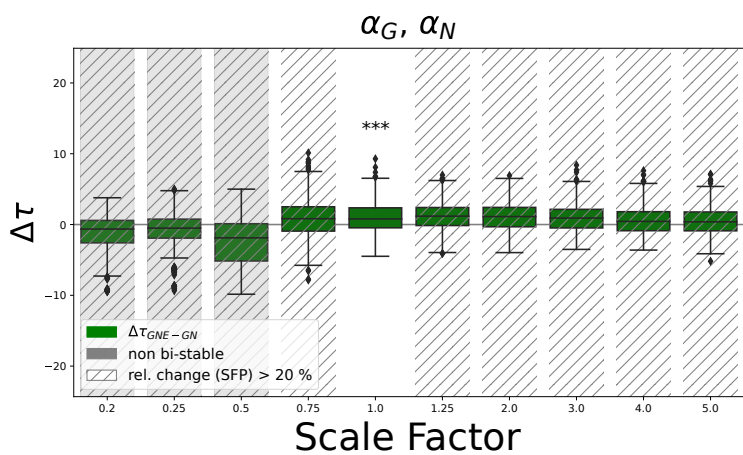
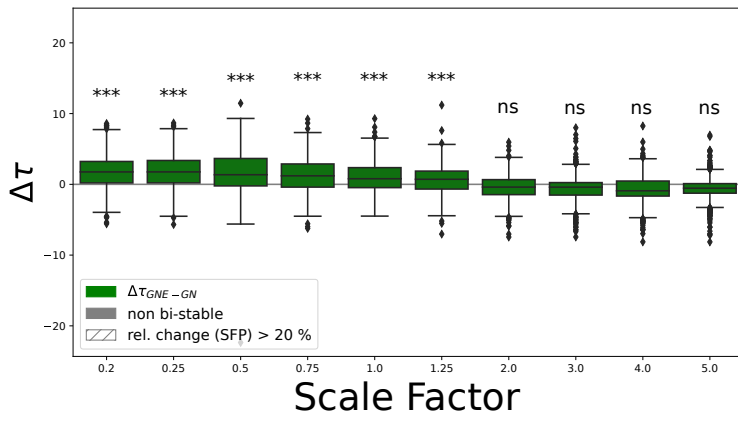


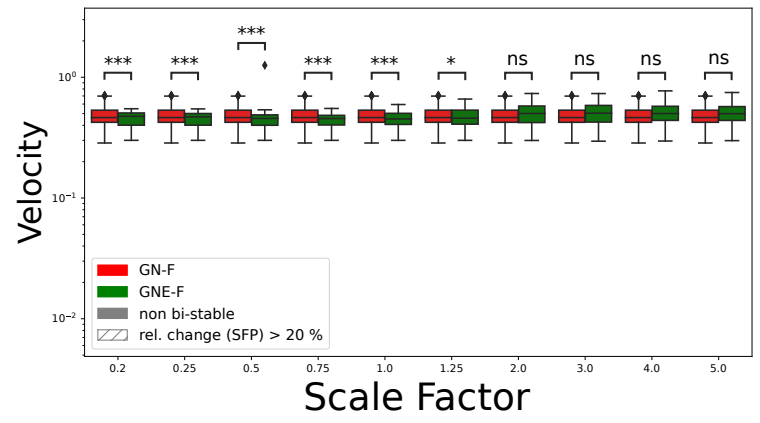
Parameter Sensitivity Analysis for the GN and GNE network



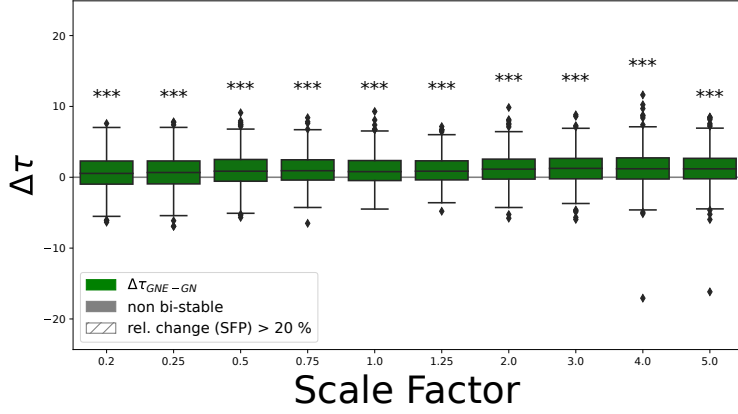
K_{EN}, K_{NE}



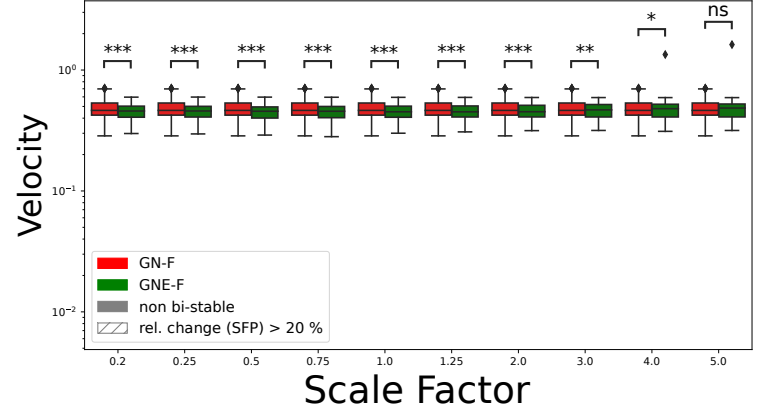
K_{EN}, K_{NE}



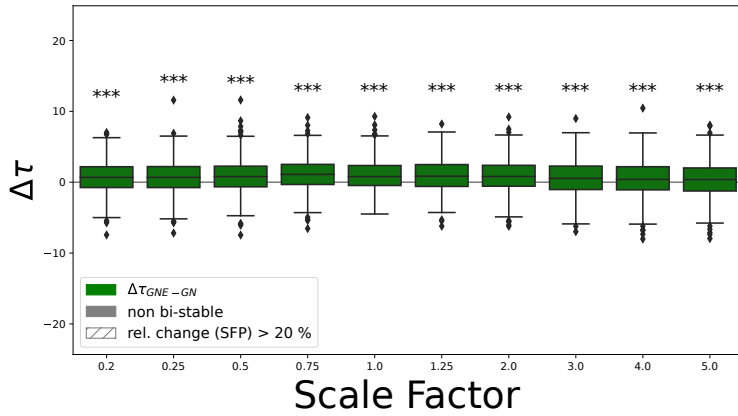
K_{NEG}



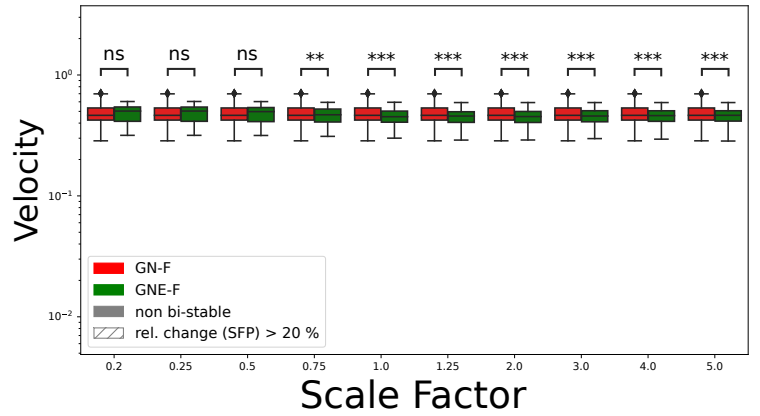
K_{NEG}



K_{EG}



K_{EG}



Statistical Test Results:

Significance Key:

- * = p-value < 0.05
- ** = p-value < 0.01
- *** = p-value < 0.001
- ns = p-value > 0.05 (not significant)

The List of Null Hypothesis and statistical tests:

In the above box plots, the following null hypothesis (H_0) have been tested:

- A) The $\Delta\tau_{GNE-GN}$ are equal to or smaller than zero.
- B) The velocities of the $GNE-F$ network model are equal to or larger than the velocities of the $GN-F$ network model.

Null hypothesis A is tested using the one-sided Wilcoxon signed-rank test.

Null hypothesis B is tested using the one-sided Mann-Whitney U test.

All test results can be found on GitHub Repository "masters_thesis" in folder "distribution stats" (https://github.com/SiljaSvendsen/masters_thesis/tree/main/distribution%20stats).