Parameter Sensitivity Analysis for the GN and GNE network
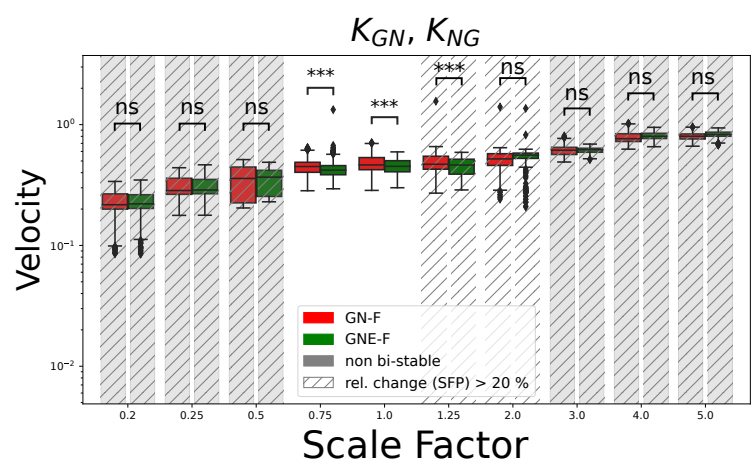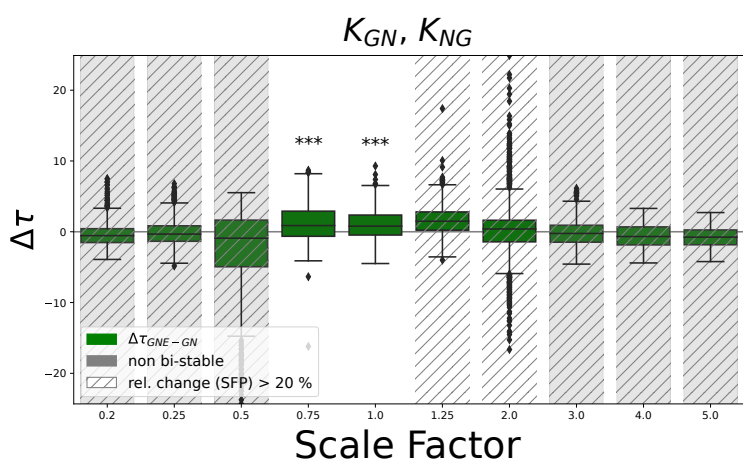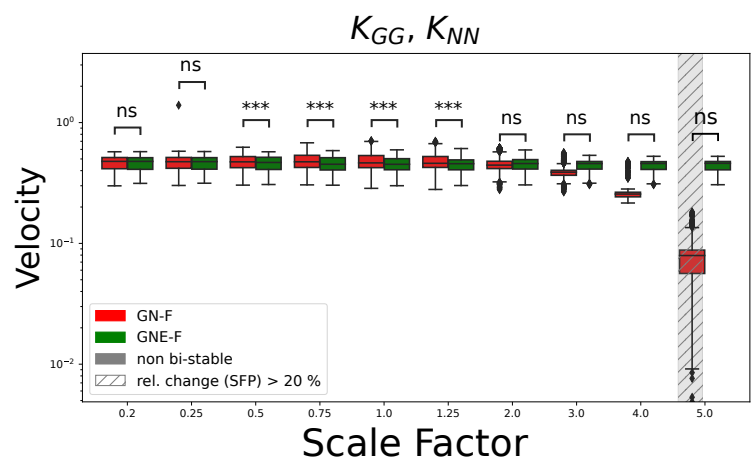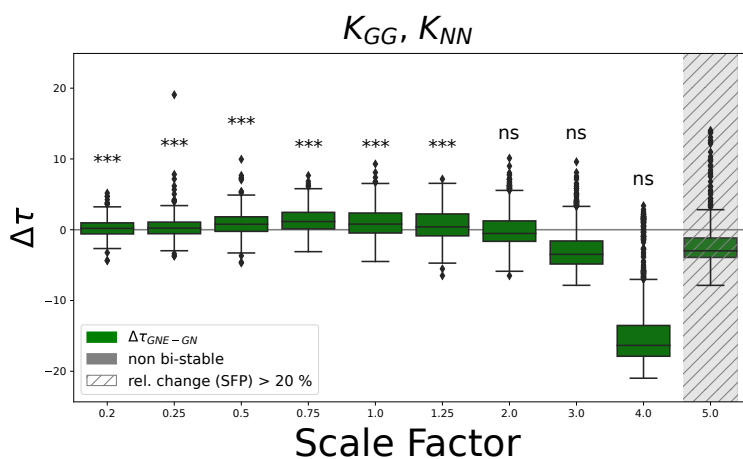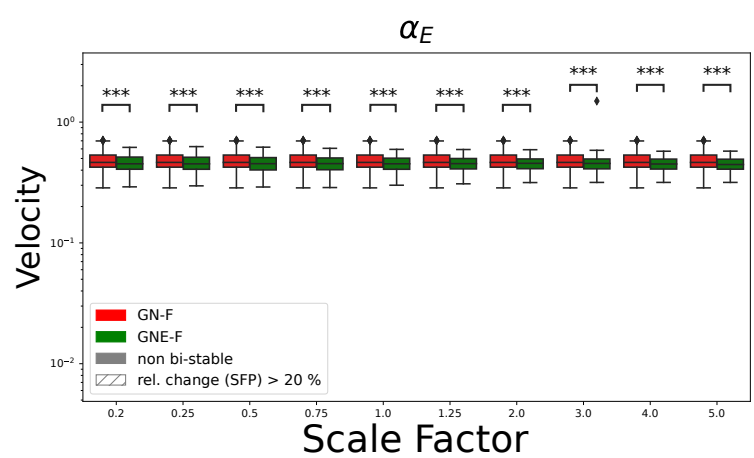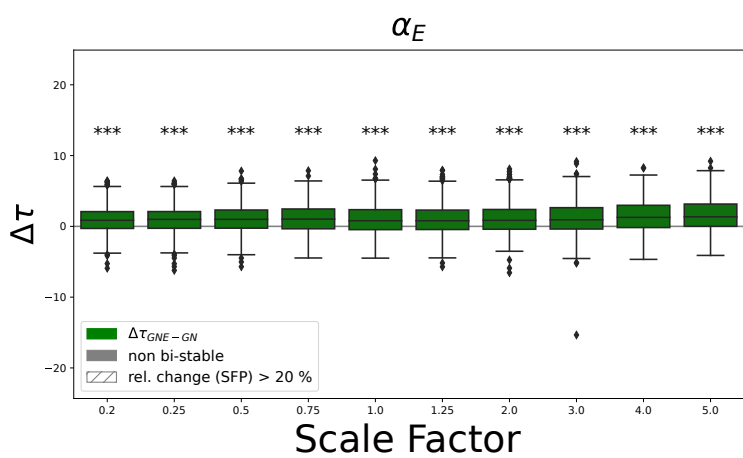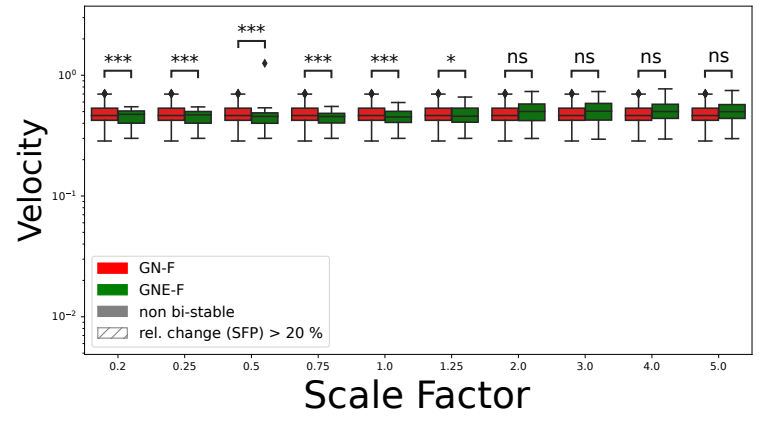
Statistical Test Results:

Significance Key:

* = p-value < 0.05

** = p-value < 0.01

*** = p-value < 0.001

ns = p-value > 0.05 (not significant)
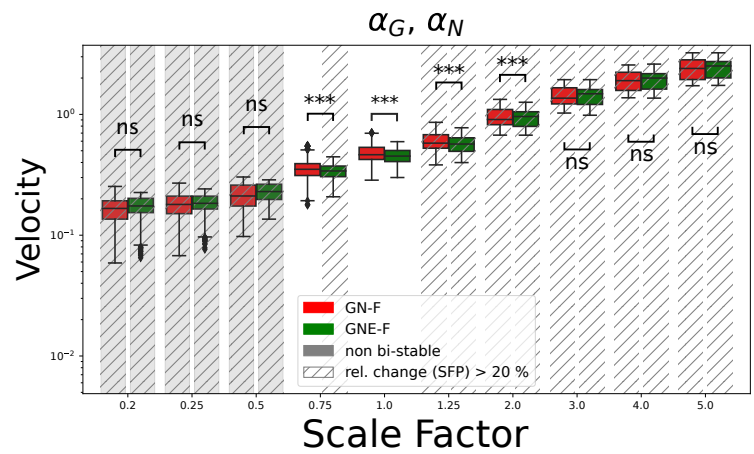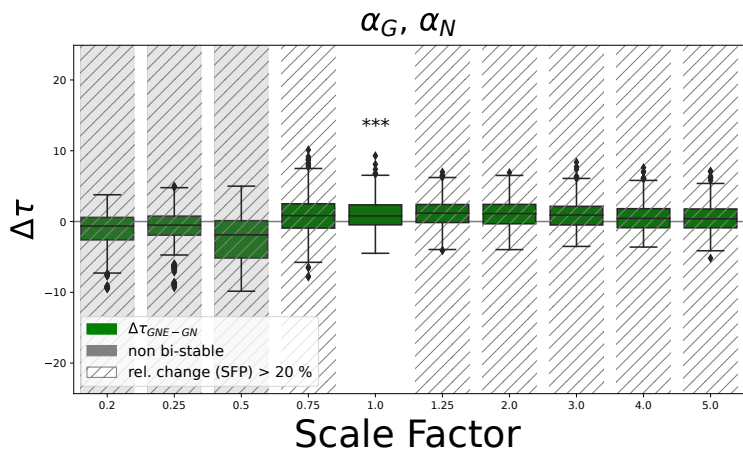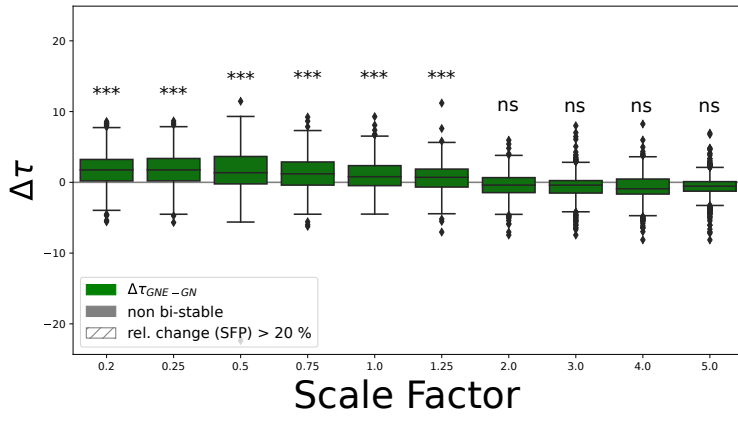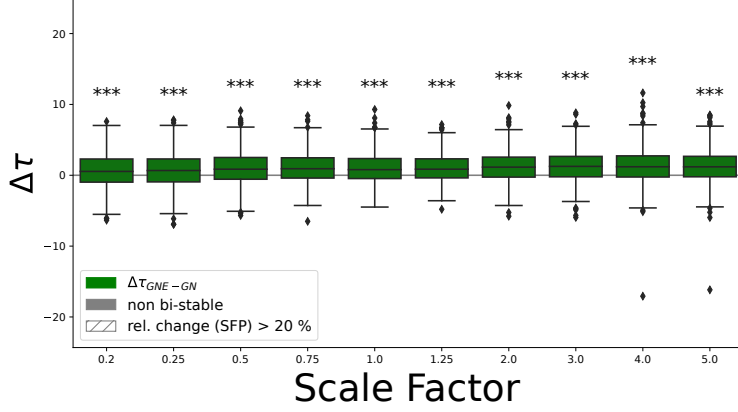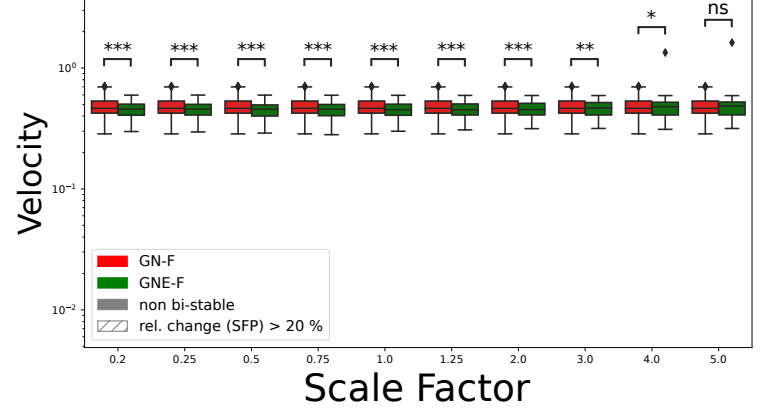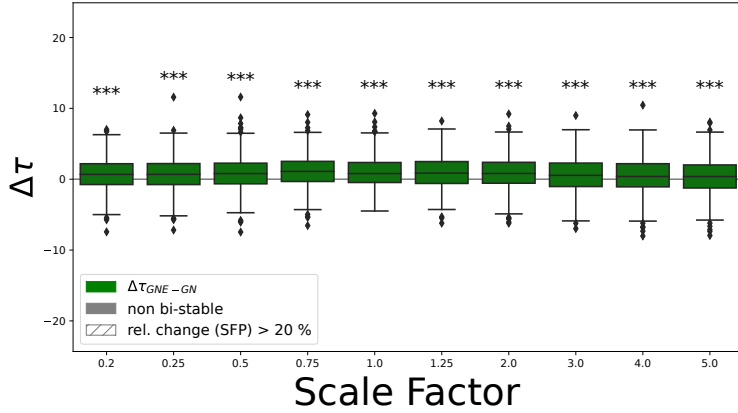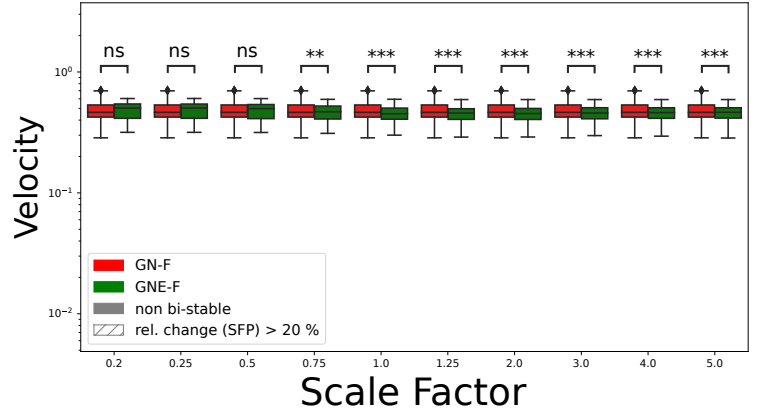
The List of Null Hypothesis and statistical tests:

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).