

# GRNsight Client Side Testing Document: Edge Weights + Normalization

Last Updated: 2017-10-23

## Test 1

Instructions:

- Load Graph – File Menu -> Open
- Hide/Show Edge Weights – Select "Show With Mouse Over"

Results:

- GRNsight should lay out a network graph from the Excel workbook if there are no errors in the file
- A single edge weight should display when user mouses over a single edge.

## Test 2

Instructions:

- Load Graph – File Menu -> Import SIF
- Hide/Show Edge Weights – Select "Show With Mouse Over"

Results:

- GRNsight should lay out a network graph from the SIF file if there are no errors in the file
- A single edge weight should display when user mouses over a single edge.

## Test 3

Instructions:

- Load Graph – File Menu -> Import GraphML
- Hide/Show Edge Weights – Select "Show With Mouse Over"

Results:

- GRNsight should lay out a network graph from the GraphML file if there are no errors in the file
- A single edge weight should display when user mouses over a single edge.

## Test 4

Instructions:

- Load Graph – File Menu -> Open
- Hide/Show Edge Weights – Select "Always Show Edge Weights"

Results:

- GRNsight should lay out a network graph from the Excel workbook if there are no errors in the file

- All edge weights should always be visible.

## Test 5

Instructions:

- Load Graph – File Menu -> Import SIF
- Hide/Show Edge Weights – Select "Always Show Edge Weights"

Results:

- GRNsight should lay out a network graph from the SIF file if there are no errors in the file
- All edge weights should always be visible.

## Test 6

Instructions:

- Load Graph – File Menu -> Import GraphML
- Hide/Show Edge Weights – Select "Always Show Edge Weights"

Results:

- GRNsight should lay out a network graph from the GraphML file if there are no errors in the file
- All edge weights should always be visible.

## Test 7

Instructions:

- Load Graph – File Menu -> Open
- Hide/Show Edge Weights – Select "Never Show Edge Weights"

Results:

- GRNsight should lay out a network graph from the Excel workbook if there are no errors in the file
- No edge weights should be visible.

## Test 8

Instructions:

- Load Graph – File Menu -> Import SIF
- Hide/Show Edge Weights – Select "Never Show Edge Weights"

Results:

- GRNsight should lay out a network graph from the SIF file if there are no errors in the file
- No edge weights should be visible.

## Test 9

Instructions:

- Load Graph – File Menu -> Import GraphML
- Hide/Show Edge Weights – Select "Never Show Edge Weights"

Results:

- GRNsight should lay out a network graph from the GraphML file if there are no errors in the file
- No edge weights should be visible.

## Test 10

Instructions:

- Load Graph – File Menu -> Open
- Hide/Show Edge Weights – Select "Show With Mouse Over"
- Set Normalization Factor – Enter a Number in the Box and Click "Set Normalization Factor" button

Results:

- GRNsight should lay out a network graph from the Excel workbook if there are no errors in the file
- A single edge weight should display when user mouses over a single edge.
- The graph should reload with the new normalization factor applied to its edge weight thicknesses

## Test 11

Instructions:

- Load Graph – File Menu -> Import SIF
- Hide/Show Edge Weights – Select "Show With Mouse Over"
- Set Normalization Factor – Enter a Number in the Box and Click "Set Normalization Factor" button

Results:

- GRNsight should lay out a network graph from the SIF file if there are no errors in the file
- A single edge weight should display when user mouses over a single edge.
- The graph should reload with the new normalization factor applied to its edge weight thicknesses

## Test 12

Instructions:

- Load Graph – File Menu -> Import GraphML
- Hide/Show Edge Weights – Select "Show With Mouse Over"
- Set Normalization Factor – Enter a Number in the Box and Click "Set Normalization Factor" button

Results:

- GRNsight should lay out a network graph from the GraphML file if there are no errors in the file

- A single edge weight should display when user mouses over a single edge.
- The graph should reload with the new normalization factor applied to its edge weight thicknesses

## Test 13

Instructions:

- Load Graph – File Menu -> Open
- Hide/Show Edge Weights – Select "Always Show Edge Weights"
- Set Normalization Factor – Enter a Number in the Box and Click "Set Normalization Factor" button

Results:

- GRNsight should lay out a network graph from the Excel workbook if there are no errors in the file
- All edge weights should always be visible.
- The graph should reload with the new normalization factor applied to its edge weight thicknesses

## Test 14

Instructions:

- Load Graph – File Menu -> Import SIF
- Hide/Show Edge Weights – Select "Always Show Edge Weights"
- Set Normalization Factor – Enter a Number in the Box and Click "Set Normalization Factor" button

Results:

- GRNsight should lay out a network graph from the SIF file if there are no errors in the file
- All edge weights should always be visible.
- The graph should reload with the new normalization factor applied to its edge weight thicknesses

## Test 15

Instructions:

- Load Graph – File Menu -> Import GraphML
- Hide/Show Edge Weights – Select "Always Show Edge Weights"
- Set Normalization Factor – Enter a Number in the Box and Click "Set Normalization Factor" button

Results:

- GRNsight should lay out a network graph from the GraphML file if there are no errors in the file
- All edge weights should always be visible.
- The graph should reload with the new normalization factor applied to its edge weight thicknesses

## Test 16

Instructions:

- Load Graph – File Menu -> Open
- Hide/Show Edge Weights – Select "Never Show Edge Weights"
- Set Normalization Factor – Enter a Number in the Box and Click "Set Normalization Factor" button

Results:

- GRNsight should lay out a network graph from the Excel workbook if there are no errors in the file
- No edge weights should be visible.
- The graph should reload with the new normalization factor applied to its edge weight thicknesses

## Test 17

Instructions:

- Load Graph – File Menu -> Import SIF
- Hide/Show Edge Weights – Select "Never Show Edge Weights"
- Set Normalization Factor – Enter a Number in the Box and Click "Set Normalization Factor" button

Results:

- GRNsight should lay out a network graph from the SIF file if there are no errors in the file
- No edge weights should be visible.
- The graph should reload with the new normalization factor applied to its edge weight thicknesses

## Test 18

Instructions:

- Load Graph – File Menu -> Import GraphML
- Hide/Show Edge Weights – Select "Never Show Edge Weights"
- Set Normalization Factor – Enter a Number in the Box and Click "Set Normalization Factor" button

Results:

- GRNsight should lay out a network graph from the GraphML file if there are no errors in the file
- No edge weights should be visible.
- The graph should reload with the new normalization factor applied to its edge weight thicknesses