

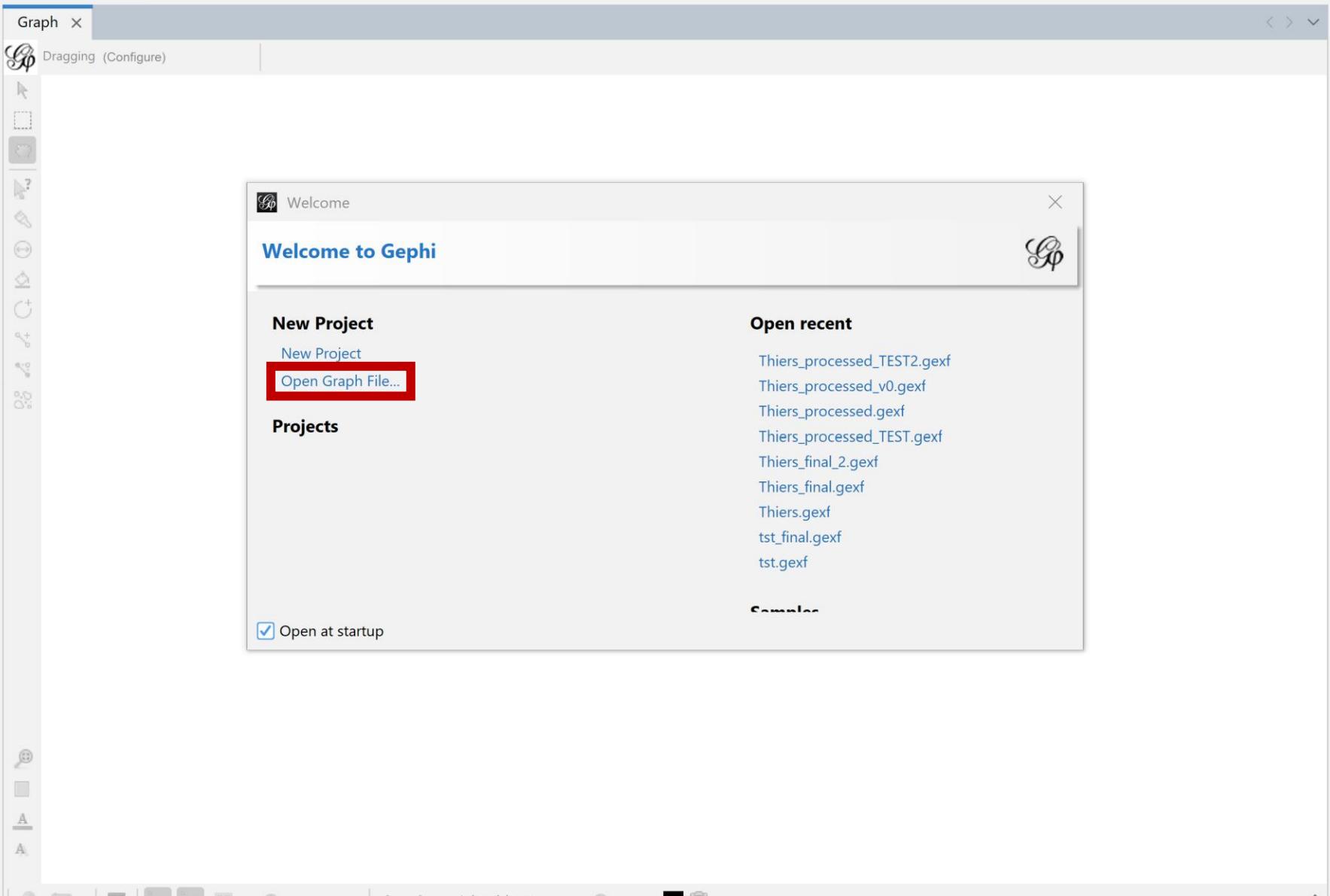
<https://gephi.org/>

Network visualization software

Open graph and choose a
layout

[Overview](#) [Data Laboratory](#) [Preview](#)[Appearance X](#)
Nodes Edges[Layout X](#)
[---Choose a layout](#)

<No Properties>

[Context X](#)
Nodes:
Edges:[Filters X](#) [Statistics](#)
Reset

Overview Data Laboratory Preview

Appearance X

Nodes Edges

Apply

Layout X

--Choose a layout

Run

<No Properties>

Presets... Reset

Graph X

Dragging (Configure)

Import report

Source: Thiers_processed_TEST2.gexf

Issues Report

Nodes	Issues
GEXF version 1.2 (deprecated)	INFO

Graph Type: Undirected More options...

of Nodes: 327
of Edges: 5818

New workspace Append to existing workspace

Dynamic Graph: no
Dynamic Attributes: no
Multi Graph: no

OK Cancel

Context X

Nodes:
Edges:

Filters X Statistics

Reset

Select Filter

Processing Thiers_processed_TEST2.gexf

Overview Data Laboratory Preview Thiers_processed_TEST2



Appearance X

Nodes Edges



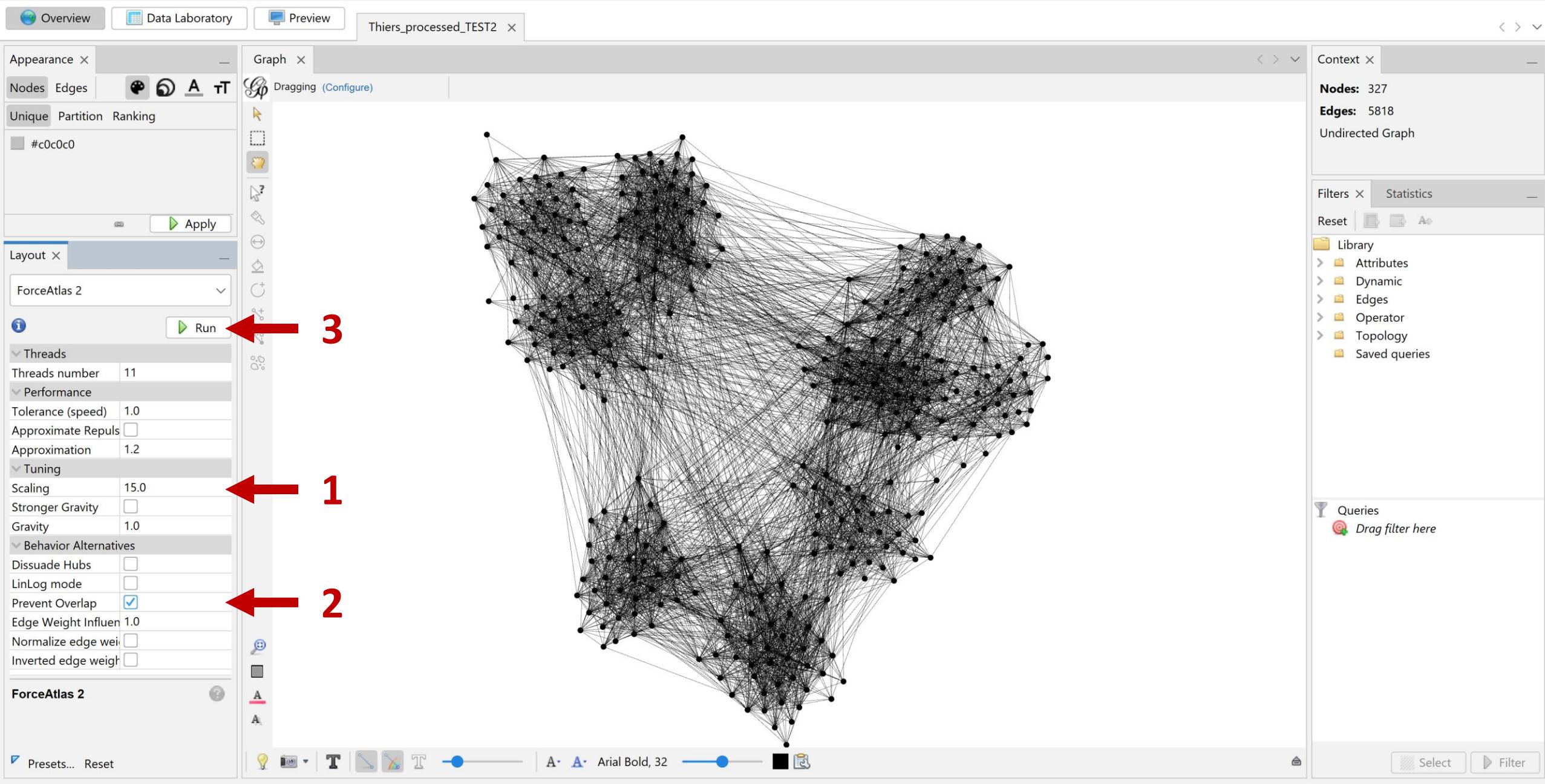
Unique Partition Ranking

#c0c0c0

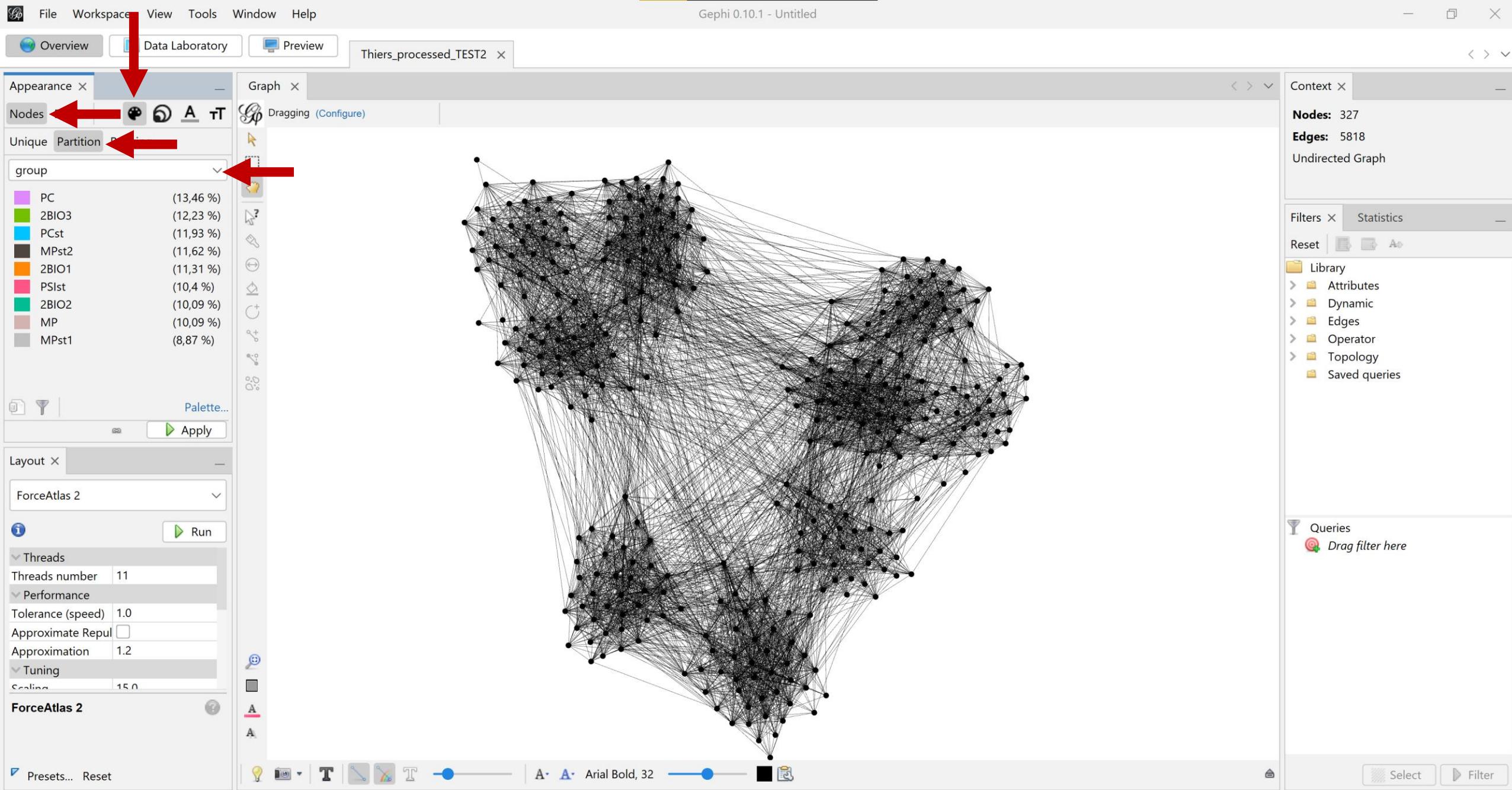
Graph X

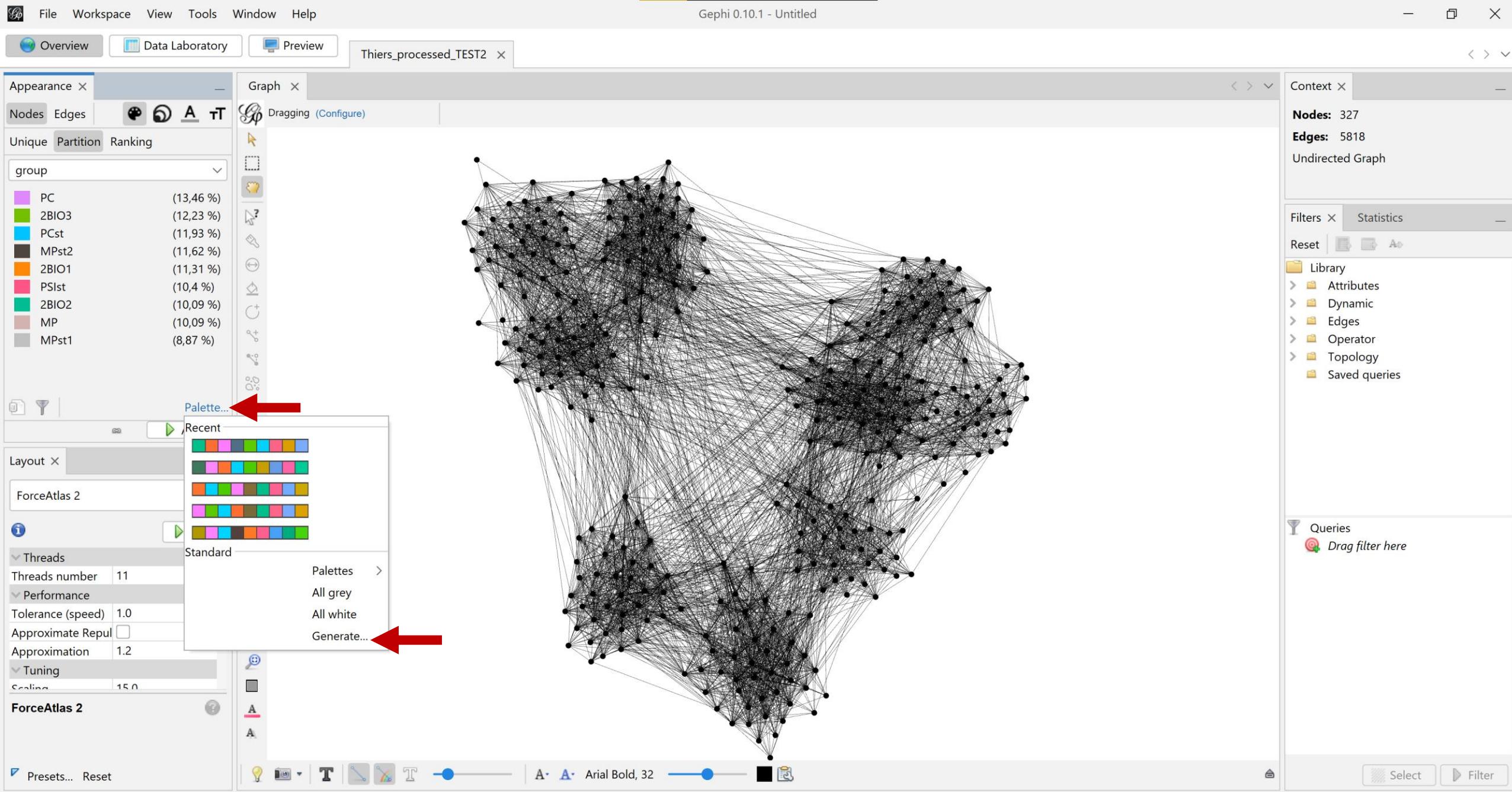
Gp Dragging (Configure)

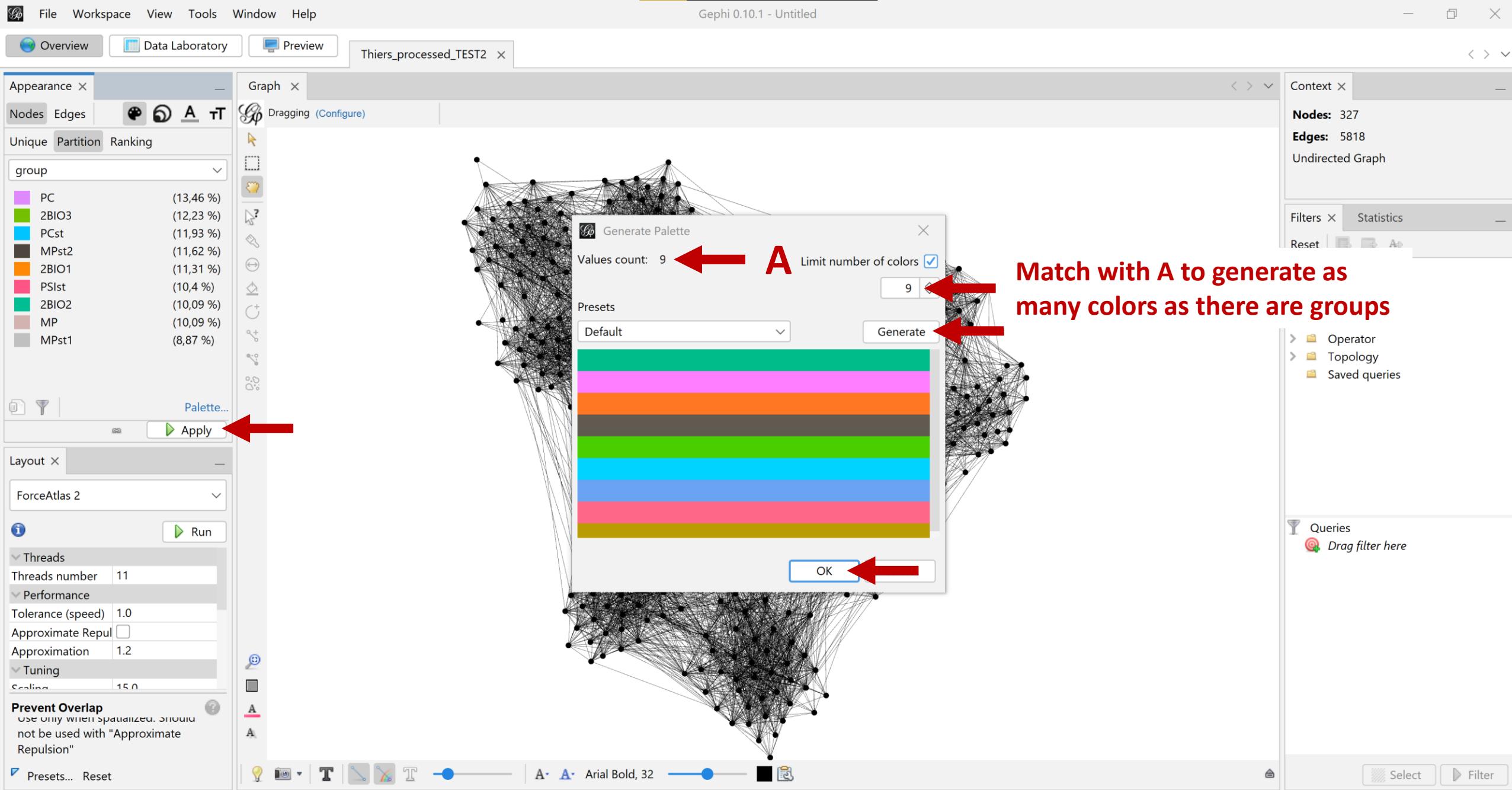


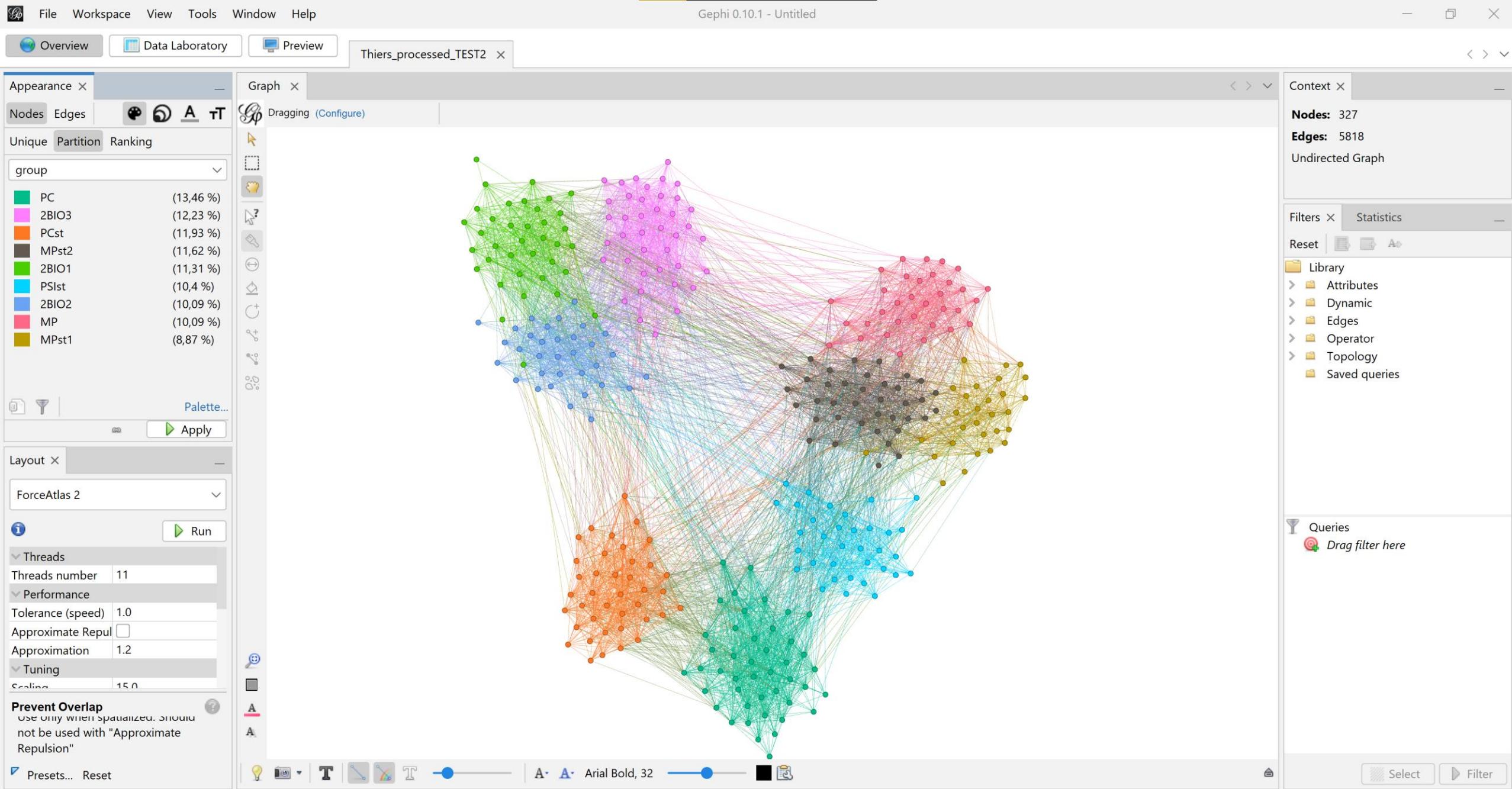


Color the nodes

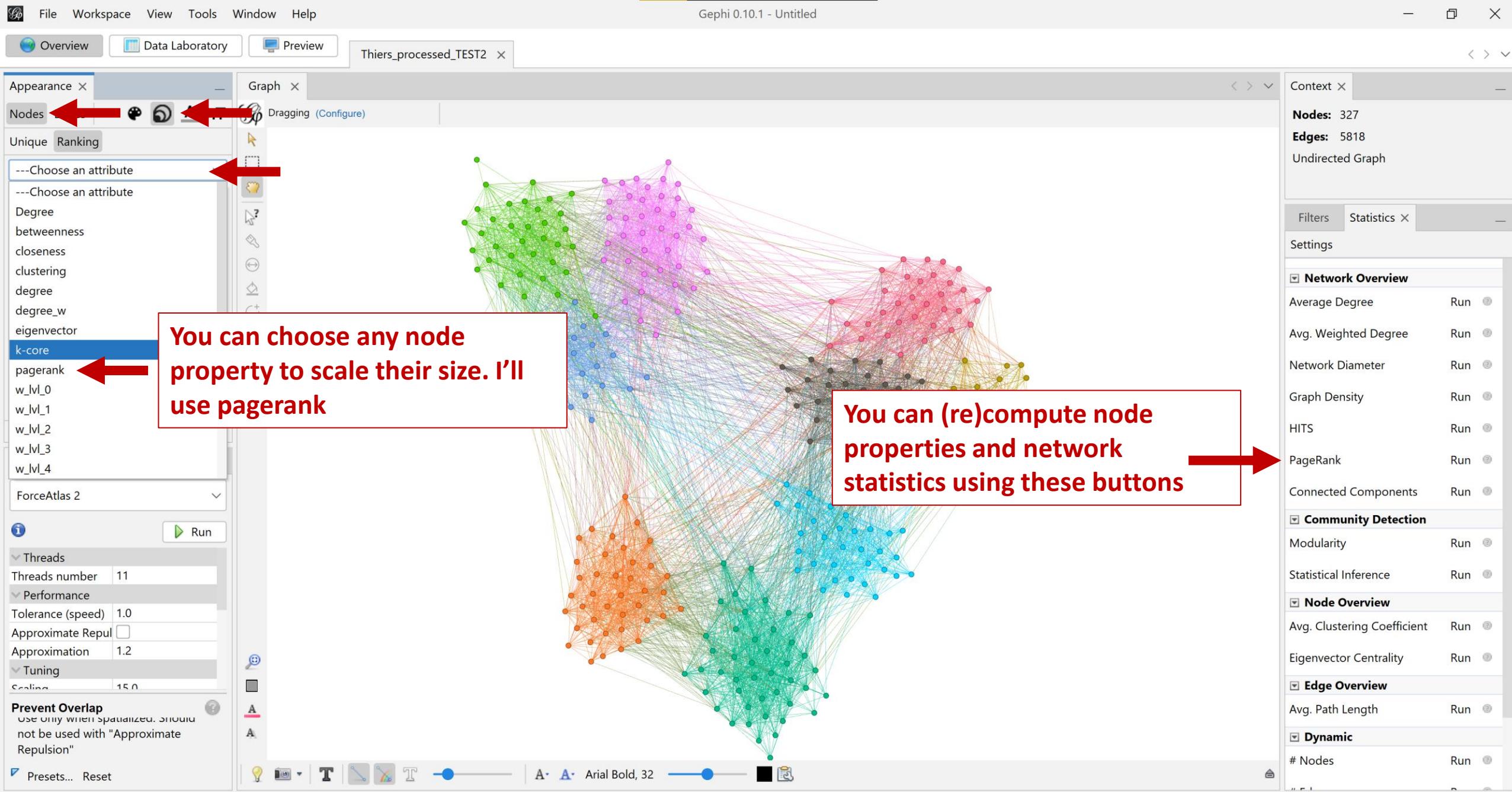


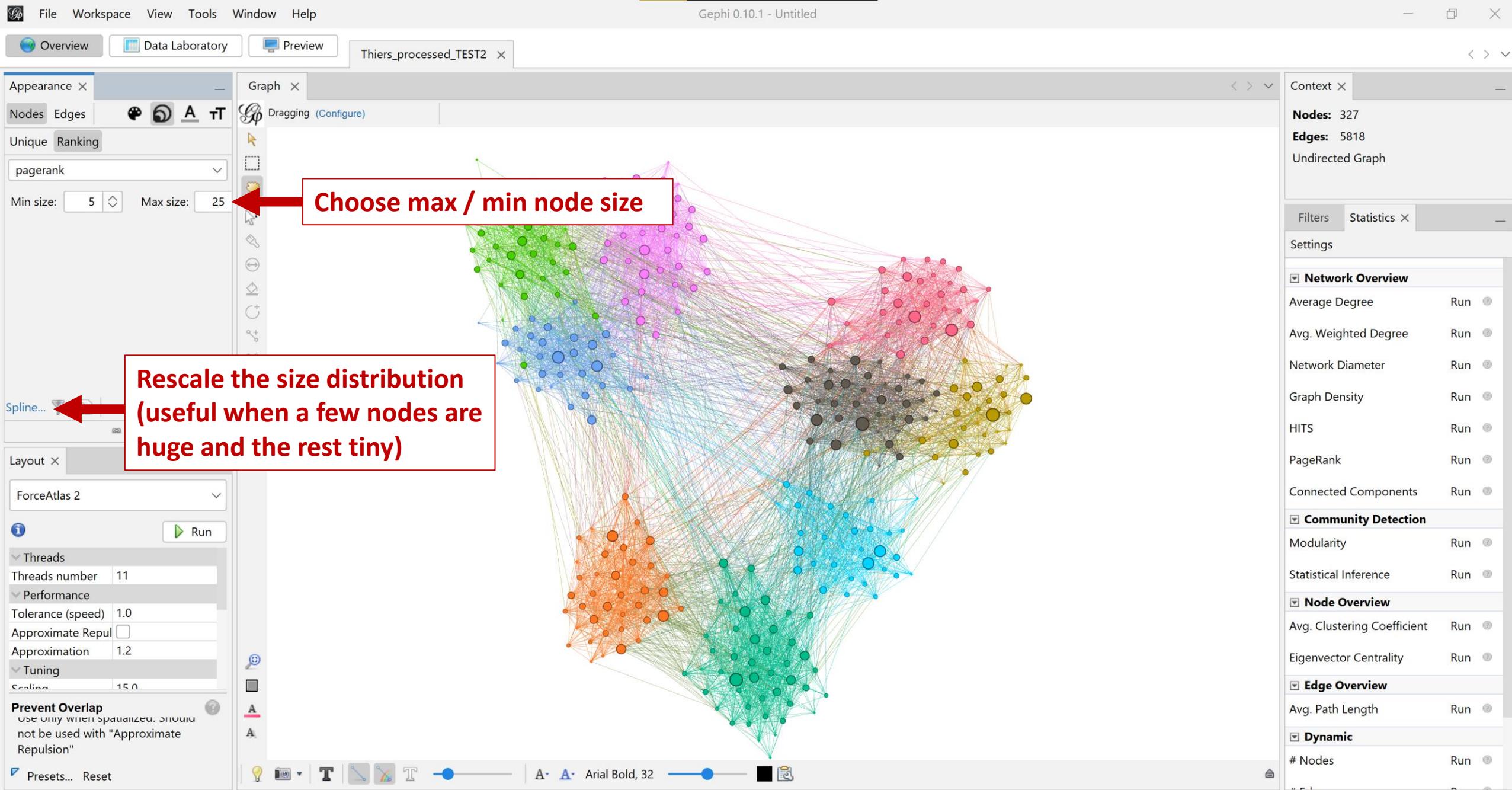




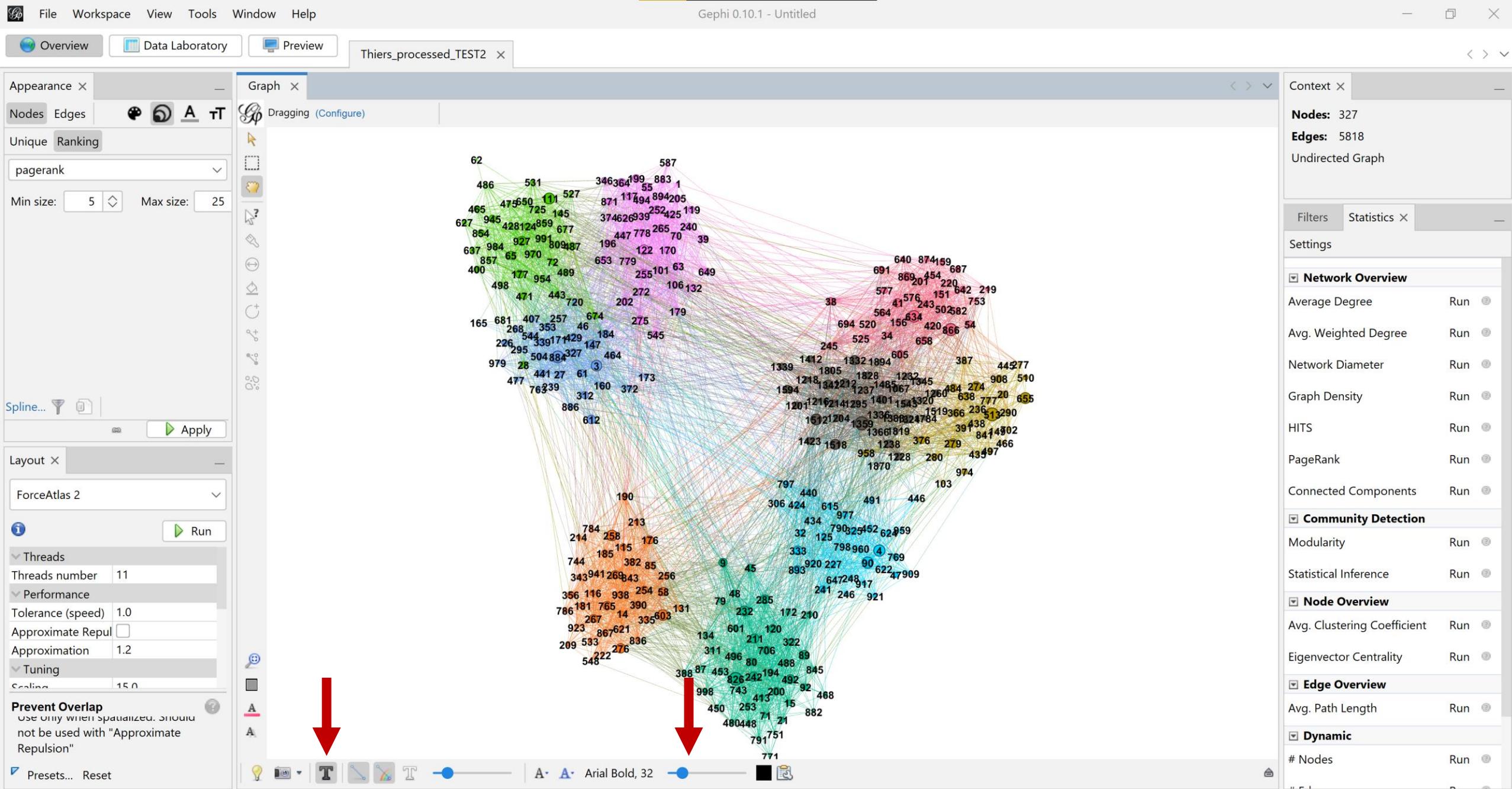


Set node size





Show node labels



Change node labels

File Workspace View Tools Window Help Gephi 0.10.1 - Untitled

Overview Data Laboratory 

Data Table X

Nodes Edges Configuration Add node Add edge Search/Replace Import Spreadsheet Export table More actions Filter: Id

Id	Label	Interval	group	degree	degree_w	eigenvector	pagerank	betweenness	closeness	clustering	w_lvl_0	w_lvl_1	w_lvl_2	w_lvl_3	w_lvl_4	w_lvl_5	w_lvl_6	w_lvl_7	w_lvl_8
1	1		2BIO3	23	366.0	0.000329	0.001167	0.0	15.26981	0.743083	283	8	0	0	0	0	0	0	0
55	55		2BIO3	28	2303.0	0.002935	0.004602	0.035658	18.165815	0.780423	283	8	0	0	0	0	0	0	0
63	63		2BIO3	47	1766.0	0.0072	0.003598	0.012383	16.873693	0.428307	283	8	0	0	0	0	0	0	0
101	101		2BIO3	45	1657.0	0.012101	0.003229	0.020387	17.434736	0.443434	283	8	0	0	0	0	0	0	0
106	106		2BIO3	87	1121.0	0.006344	0.002639	0.254422	21.07065	0.255547	4	8	0	0	0	0	0	0	0
117	117		2BIO3	40	1826.0	0.003201	0.003715	0.059575	18.808641	0.567949	283	8	0	0	0	0	0	0	0
170	170		2BIO3	33	1667.0	0.002182	0.003472	0.008268	17.797333	0.630682	283	8	0	0	0	0	0	0	0
179	179		2BIO3	59	1089.0	0.005222	0.002399	0.005814	16.648869	0.344243	283	8	0	0	0	0	0	0	0
196	196		2BIO3	51	1607.0	0.005061	0.003391	0.013818	18.034479	0.456471	283	8	0	0	0	0	0	0	0
199	199		2BIO3	38	2270.0	0.017255	0.004282	0.0158	16.987505	0.674253	283	8	0	0	0	0	0	0	0
202	202		2BIO3	49	1873.0	0.009491	0.003968	0.020746	19.24313	0.395408	283	8	0	0	0	0	0	0	0
205	205		2BIO3	39	1471.0	0.00135	0.003375	0.003379	17.23444	0.481781	4	8	0	0	0	0	0	0	0
252	252		2BIO3	41	2161.0	0.004229	0.004373	0.048457	18.526867	0.55122	283	8	0	0	0	0	0	0	0
364	364		2BIO3	41	2421.0	0.004344	0.004706	0.048608	18.720079	0.614634	283	8	0	0	0	0	0	0	0
494	494		2BIO3	30	1071.0	0.000832	0.002593	0.001944	16.830879	0.645977	283	8	0	0	0	0	0	0	0
640	640		MP	29	496.0	0.000012	0.001991	0.000094	12.134611	0.64532	317	1	0	0	0	0	0	0	0
653	653		2BIO3	55	1943.0	0.044235	0.004045	0.117754	19.739897	0.410101	283	8	0	0	0	0	0	0	0
778	778		2BIO3	56	1058.0	0.00719	0.002607	0.070788	19.991549	0.395455	283	8	0	0	0	0	0	0	0
779	779		2BIO3	37	1288.0	0.00214	0.002736	0.018764	17.994394	0.540541	283	8	0	0	0	0	0	0	0
871	871		2BIO3	38	1690.0	0.003073	0.003485	0.004493	16.859423	0.600284	283	8	0	0	0	0	0	0	0
883	883		2BIO3	30	825.0	0.001313	0.001975	0.0	16.857855	0.657471	283	8	0	0	0	0	0	0	0
894	894		2BIO3	33	1259.0	0.001374	0.002838	0.002832	17.107885	0.736742	283	8	0	0	0	0	0	0	0
939	939		2BIO3	36	1231.0	0.003734	0.00275	0.026239	18.237825	0.64127	283	8	0	0	0	0	0	0	0
1201	1201		MPst2	34	2004.0	0.000243	0.003958	0.022992	18.530983	0.440285	212	1	0	0	0	0	0	0	0
3	3		2BIO2	56	3960.0	0.468724	0.006736	0.027353	17.951847	0.346753	8	8	0	0	0	0	0	0	0
27	27		2BIO2	38	892.0	0.005706	0.002862	0.011458	15.664306	0.495021	8	8	0	0	0	0	0	0	0
28	28		2BIO1	41	1321.0	0.019176	0.003429	0.030278	16.699902	0.443902	8	8	0	0	0	0	0	0	0
46	46		2BIO2	26	292.0	0.007861	0.001093	0.000245	14.170788	0.483077	8	8	0	0	0	0	0	0	0
58	58		PCst	52	1689.0	0.000438	0.005156	0.036376	17.325207	0.406486	191	0	0	0	0	0	0	0	0
61	61		2BIO2	51	1571.0	0.016332	0.00385	0.02033	16.159113	0.376471	8	8	0	0	0	0	0	0	0
65	65		2BIO1	29	1552.0	0.001428	0.001072	0.01700	14.170788	0.483077	8	8	0	0	0	0	0	0	0

Add column Merge columns Delete column Clear column Copy data to other column Fill column with a value Negate boolean values Convert column to dynamic

Copy the column of the property you want to show as label to the Label column 



Overview

Data Laboratory

Preview

Thiers_processed_TEST2

< > ^

Data Table

Nodes	Edges	Configuration	Add node	Add edge	Search/Replace	Import Spreadsheet	Export table	More actions	Filter:	Id									
Id	Label	Interval	group	degree	degree_w	eigenvector	pagerank	betweenness	closeness	clustering	w_lvl_0	w_lvl_1	w_lvl_2	w_lvl_3	w_lvl_4	w_lvl_5	w_lvl_6	w_lvl_7	w_lvl_8
1	1	2BIO3	23	366.0	0.000329	0.001167	0.0	15.26981	0.743083	283	8	0	0	0	0	0	0	0	
55	55	2BIO3	28	2303.0	0.002935	0.004602	0.035658	18.165815	0.780423	283	8	0	0	0	0	0	0	0	
63	63	2BIO3	47	1766.0	0.0072	0.003598	0.012383	16.873693	0.428307	283	8	0	0	0	0	0	0	0	
101	101	2BIO3	45	1657.0	0.012101	0.003229	0.020387	17.434736	0.443434	283	8	0	0	0	0	0	0	0	
106	106	2BIO3	87	1121.0	0.006344	0.002639	0.254422	21.07065	0.255547	4	8	0	0	0	0	0	0	0	
117	117	2BIO3	40	1826.0	0.003201	0.003715	0.059575	18.808641	0.567949	283	8	0	0	0	0	0	0	0	
170	170	2BIO3	33	1667.0	0.002182	0.003472	0.008268	17.797333	0.630682	283	8	0	0	0	0	0	0	0	
179	179	2BIO3	59	1089.0	0.005222	0.002399	0.005814	16.648869	0.344243	283	8	0	0	0	0	0	0	0	
196	196	2BIO3	51	1607.0	0.005061	0.003391	0.013818	18.034479	0.456471	283	8	0	0	0	0	0	0	0	
199	199	2BIO3	38	2270.0	0.017255	0.004282	0.0158	16.987505	0.674253	283	8	0	0	0	0	0	0	0	
202	202	2BIO3	49	1873.0	0.009491	0.003968	0.020746	19.24313	0.395408	283	8	0	0	0	0	0	0	0	
205	205	2BIO3	39	1471.0	0.00135	0.003375	0.003379	17.23444	0.481781	4	8	0	0	0	0	0	0	0	
252	252	2BIO3	41	2161.0	0.004229	0.004373	0.048457	18.526867	0.55122	283	8	0	0	0	0	0	0	0	
364	364	2BIO3	41	2421.0	0.00434	0.048608	0.001944	18.720079	0.614634	283	8	0	0	0	0	0	0	0	
494	494	2BIO3	30	1071.0	0.00083	0.00094	0.001944	16.830879	0.645977	283	8	0	0	0	0	0	0	0	
640	640	MP	29	496.0	0.00001	0.000094	0.000094	12.134611	0.64532	317	1	0	0	0	0	0	0	0	
653	653	2BIO3	55	1943.0	0.04423	0.117754	0.070788	19.739897	0.410101	283	8	0	0	0	0	0	0	0	
778	778	2BIO3	56	1058.0	0.00719	0.091549	0.018764	19.991549	0.395455	283	8	0	0	0	0	0	0	0	
779	779	2BIO3	37	1288.0	0.00214	0.018764	0.004493	17.994394	0.540541	283	8	0	0	0	0	0	0	0	
871	871	2BIO3	38	1690.0	0.00307	0.004493	0.00570	16.859423	0.600284	283	8	0	0	0	0	0	0	0	
883	883	2BIO3	30	825.0	0.0013	0.00570	0.004493	16.857855	0.657471	283	8	0	0	0	0	0	0	0	
894	894	2BIO3	33	1259.0	0.00132	0.002832	0.00132	17.107885	0.736742	283	8	0	0	0	0	0	0	0	
939	939	2BIO3	36	1231.0	0.00373	0.026239	0.00373	18.237825	0.64127	283	8	0	0	0	0	0	0	0	
1201	1201	MPst2	34	2004.0	0.00024	0.022992	0.00024	18.530983	0.440285	212	1	0	0	0	0	0	0	0	
3	3	2BIO2	56	3960.0	0.46872	0.027353	0.027353	17.951847	0.346753	8	8	0	0	0	0	0	0	0	
27	27	2BIO2	38	892.0	0.00570	0.011458	0.011458	15.664306	0.495021	8	8	0	0	0	0	0	0	0	
28	28	2BIO1	41	1321.0	0.01912	0.030278	0.030278	16.699902	0.443902	8	8	0	0	0	0	0	0	0	
46	46	2BIO2	26	292.0	0.00786	0.000245	0.000245	14.170788	0.483077	8	8	0	0	0	0	0	0	0	
58	58	PCst	52	1689.0	0.00043	0.036376	0.036376	17.325207	0.406486	191	0	0	0	0	0	0	0	0	
61	61	2BIO2	51	1571.0	0.01633	0.02033	0.02033	16.159113	0.376471	8	8	0	0	0	0	0	0	0	
65	65	2BIO1	29	1552.0	0.00129	0.01700	0.01700	14.626016	0.401228	17	8	0	0	0	0	0	0	0	

Add column

Merge columns

Delete column ▾

Clear column ▾

 group
 degree
 degree_w
 eigenvector
 pagerank
 betweenness
 closeness
 clustering
 w_lvl_0
 w_lvl_1
 w_lvl_2
 w_lvl_3
 w_lvl_4
 w_lvl_5
 w_lvl_6
 w_lvl_7
 w_lvl_8

Fill column with a value ▾

Duplicate column ▾

Create a boolean column from regex match ▾

Create column with list of regex matching groups ▾

Negate boolean values ▾

Convert column to dynamic ▾



Type here to search

15:48
17/05/2023



Data Table

Configuration

Add node Add edge Search/Replace Import Spreadsheet Export table More actions

Filter: Id

Id	Label	Interval	group	degree	degree_w	eigenvector	pagerank	betweenness	closeness	clustering	w_lvl_0	w_lvl_1	w_lvl_2	w_lvl_3	w_lvl_4	w_lvl_5	w_lvl_6	w_lvl_7	w_lvl_8	
1	1		2BIO3	23	366.0	0.000329	0.001167	0.0	15.26981	0.743083	283	8	0	0	0	0	0	0	0	
55	55		2BIO3	28	2303.0	0.002935	0.004602	0.035658	18.165815	0.780423	283	8	0	0	0	0	0	0	0	
63	63		2BIO3	47	1766.0	0.0072	0.003598	0.012383	16.873693	0.428307	283	8	0	0	0	0	0	0	0	
101	101		2BIO3	45	1657.0	0.012101	0.003229	0.020387	17.434736	0.443434	283	8	0	0	0	0	0	0	0	
106	106		2BIO3	87	1121.0	0.006344	0.002639	0.254422	21.07065	0.255547	4	8	0	0	0	0	0	0	0	
117	117		2BIO3	40	1826.0	0.003201	0.003715	0.059575	18.808641	0.567949	283	8	0	0	0	0	0	0	0	
170	170		2BIO3	33	1667.0	0.002182	0.003472	0.008268	17.797333	0.630682	283	8	0	0	0	0	0	0	0	
179	179		2BIO3	59	1089.0	0.005222	0.002399	0.005814	16.648869	0.344243	283	8	0	0	0	0	0	0	0	
196	196		2BIO3	51	1607.0	0.005061	0.003391	0.013818	18.034479	0.456471	283	8	0	0	0	0	0	0	0	
199	199		2BIO3	38	2270.0	0.017255	0.004282	0.0158	16.987505	0.674253	283	8	0	0	0	0	0	0	0	
202	202		2BIO3	49	1873.0	0.009491	0.003968	0.020746	Copy data to other col... Copy data from 'group' Copy to: <input style="width: 150px; height: 20px; margin-left: 10px;" type="text" value="Label"/> Ok Cancel			8	0	0	0	0	0	0	0	0
205	205		2BIO3	39	1471.0	0.00135	0.003375	0.003379				8	0	0	0	0	0	0	0	
252	252		2BIO3	41	2161.0	0.004229	0.004373	0.048457				8	0	0	0	0	0	0	0	
364	364		2BIO3	41	2421.0	0.004344	0.004706	0.048608				8	0	0	0	0	0	0	0	
494	494		2BIO3	30	1071.0	0.000832	0.002593	0.001944				8	0	0	0	0	0	0	0	
640	640		MP	29	496.0	0.000012	0.001991	0.000094				1	0	0	0	0	0	0	0	
653	653		2BIO3	55	1943.0	0.044235	0.004045	0.117754				8	0	0	0	0	0	0	0	
778	778		2BIO3	56	1058.0	0.00719	0.002607	0.070788				8	0	0	0	0	0	0	0	
779	779		2BIO3	37	1288.0	0.00214	0.002736	0.018764				8	0	0	0	0	0	0	0	
871	871		2BIO3	38	1690.0	0.003073	0.003485	0.004493	16.859423	0.600284	283	8	0	0	0	0	0	0	0	
883	883		2BIO3	30	825.0	0.001313	0.001975	0.0	16.857855	0.657471	283	8	0	0	0	0	0	0	0	
894	894		2BIO3	33	1259.0	0.001374	0.002838	0.002832	17.107885	0.736742	283	8	0	0	0	0	0	0	0	
939	939		2BIO3	36	1231.0	0.003734	0.00275	0.026239	18.237825	0.64127	283	8	0	0	0	0	0	0	0	
1201	1201		MPst2	34	2004.0	0.000243	0.003958	0.022992	18.530983	0.440285	212	1	0	0	0	0	0	0	0	
3	3		2BIO2	56	3960.0	0.468724	0.006736	0.027353	17.951847	0.346753	8	8	0	0	0	0	0	0	0	
27	27		2BIO2	38	892.0	0.005706	0.002862	0.011458	15.664306	0.495021	8	8	0	0	0	0	0	0	0	
28	28		2BIO1	41	1321.0	0.019176	0.003429	0.030278	16.699902	0.443902	8	8	0	0	0	0	0	0	0	
46	46		2BIO2	26	292.0	0.007861	0.001093	0.000245	14.170788	0.483077	8	8	0	0	0	0	0	0	0	
58	58		PCst	52	1689.0	0.000438	0.005156	0.036376	17.325207	0.406486	191	0	0	0	0	0	0	0	0	
61	61		2BIO2	51	1571.0	0.016332	0.00385	0.02033	16.159113	0.376471	8	8	0	0	0	0	0	0	0	
65	65		2BIO1	29	1552.0	0.001289	0.001072	0.01700	14.626016	0.401229	17	0	0	0	0	0	0	0	0	

Add column Merge columns Delete column Clear column Copy data to other column Fill column with a value Duplicate column Create a boolean column from regex match Create column with list of regex matching groups Negate boolean values Convert column to dynamic

Overview Data Laboratory Preview

Thiers_processed_TEST2

Appearance X

Nodes Edges

Unique Ranking

pagerank

Min size: 5 Max size: 25

Spline... Apply

Layout X

ForceAtlas 2

Run

Threads

Threads number 11

Performance

Tolerance (speed) 1.0

Approximate Repulsion

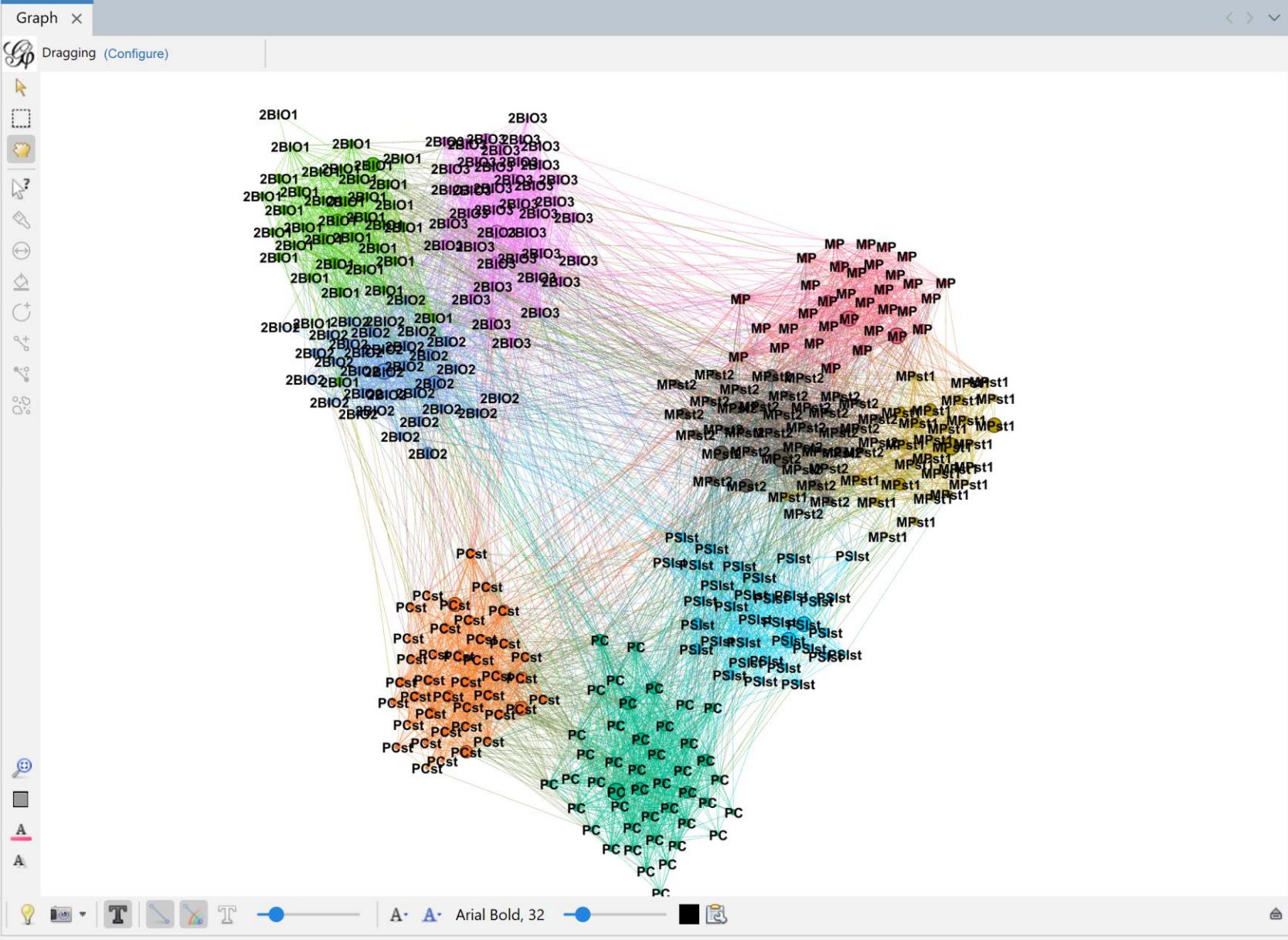
Approximation 1.2

Tuning

Scaling 150

ForceAtlas 2

Presets... Reset



Context X

Nodes: 327
Edges: 5818
Undirected Graph

Filters Statistics X

Settings

Network Overview

Average Degree Run

Avg. Weighted Degree Run

Network Diameter Run

Graph Density Run

HITS Run

PageRank Run

Connected Components Run

Community Detection

Modularity Run

Statistical Inference Run

Node Overview

Avg. Clustering Coefficient Run

Eigenvector Centrality Run

Edge Overview

Avg. Path Length Run

Dynamic

Nodes Run

Edges Run

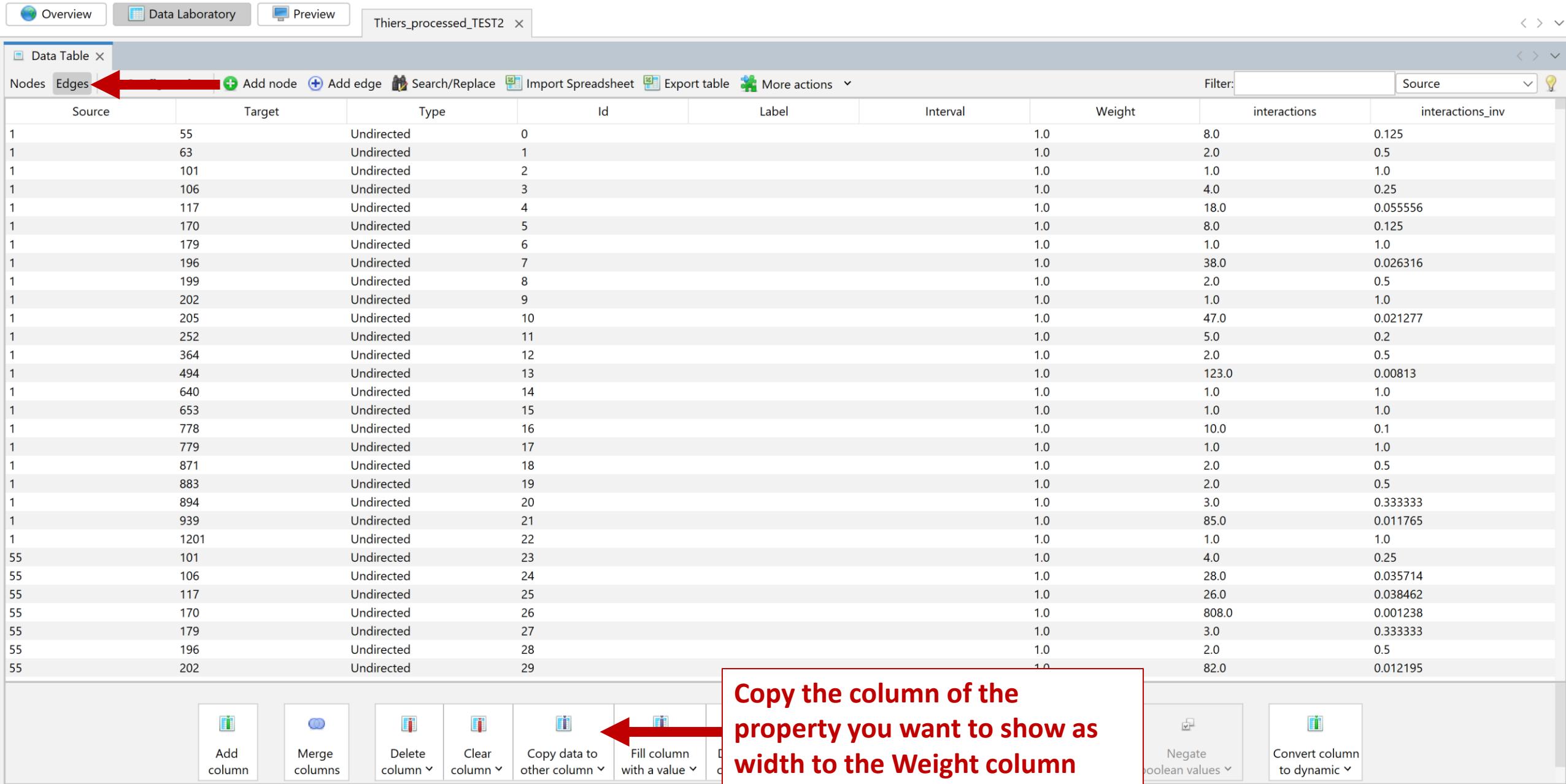
Degree Run



9°C

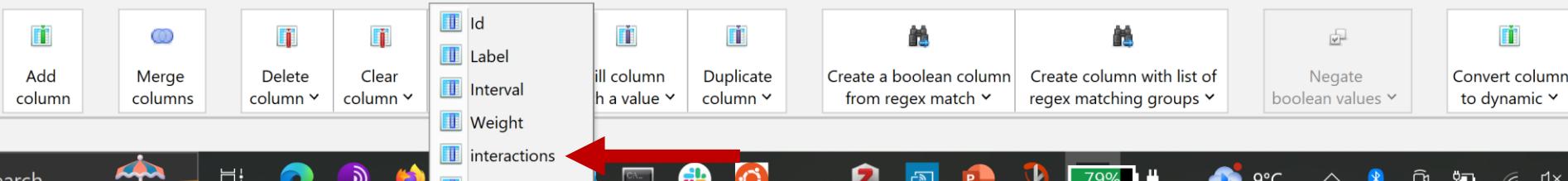


Set edge width



Data Table

Nodes	Edges	Configuration	Add node	Add edge	Search/Replace	Import Spreadsheet	Export table	More actions	Filter:	Source
Source	Target	Type								
1	55	Undirected	0						1.0	8.0
1	63	Undirected	1						1.0	2.0
1	101	Undirected	2						1.0	1.0
1	106	Undirected	3						1.0	4.0
1	117	Undirected	4						1.0	18.0
1	170	Undirected	5						1.0	8.0
1	179	Undirected	6						1.0	1.0
1	196	Undirected	7						1.0	38.0
1	199	Undirected	8						1.0	2.0
1	202	Undirected	9						1.0	1.0
1	205	Undirected	10						1.0	47.0
1	252	Undirected	11						1.0	5.0
1	364	Undirected	12						1.0	2.0
1	494	Undirected	13						1.0	123.0
1	640	Undirected	14						1.0	1.0
1	653	Undirected	15						1.0	1.0
1	778	Undirected	16						1.0	10.0
1	779	Undirected	17						1.0	1.0
1	871	Undirected	18						1.0	2.0
1	883	Undirected	19						1.0	2.0
1	894	Undirected	20						1.0	3.0
1	939	Undirected	21						1.0	85.0
1	1201	Undirected	22						1.0	1.0
55	101	Undirected	23						1.0	4.0
55	106	Undirected	24						1.0	28.0
55	117	Undirected	25						1.0	26.0
55	170	Undirected	26						1.0	808.0
55	179	Undirected	27						1.0	3.0
55	196	Undirected	28						1.0	2.0
55	202	Undirected	29						1.0	82.0



Overview Data Laboratory Preview

Thiers_processed_TEST2

< > ^

Appearance X

Nodes Edges

Unique Partition Ranking

--Choose an attribute

Apply

Layout X

ForceAtlas 2

Run

Threads

Threads number 11

Performance

Tolerance (speed) 1.0

Approximate Repulsion

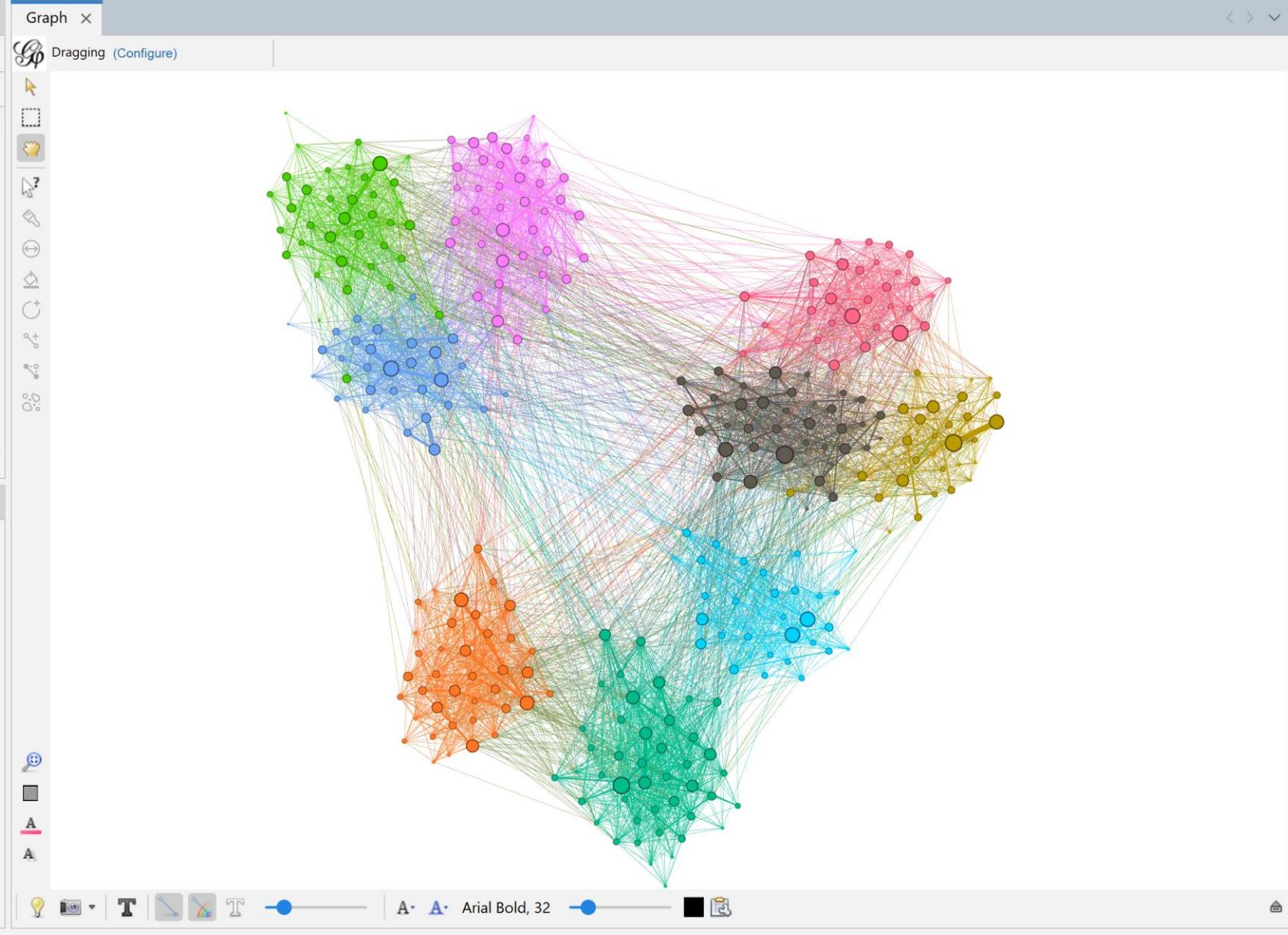
Approximation 1.2

Tuning

Scaling 150

ForceAtlas 2

Presets... Reset



Context X

Nodes: 327
Edges: 5818
Undirected Graph

Filters Statistics X

Settings

Network Overview

- Average Degree Run ⓘ
- Avg. Weighted Degree Run ⓘ
- Network Diameter Run ⓘ
- Graph Density Run ⓘ
- HITS Run ⓘ
- PageRank Run ⓘ
- Connected Components Run ⓘ

Community Detection

- Modularity Run ⓘ
- Statistical Inference Run ⓘ

Node Overview

- Avg. Clustering Coefficient Run ⓘ
- Eigenvector Centrality Run ⓘ

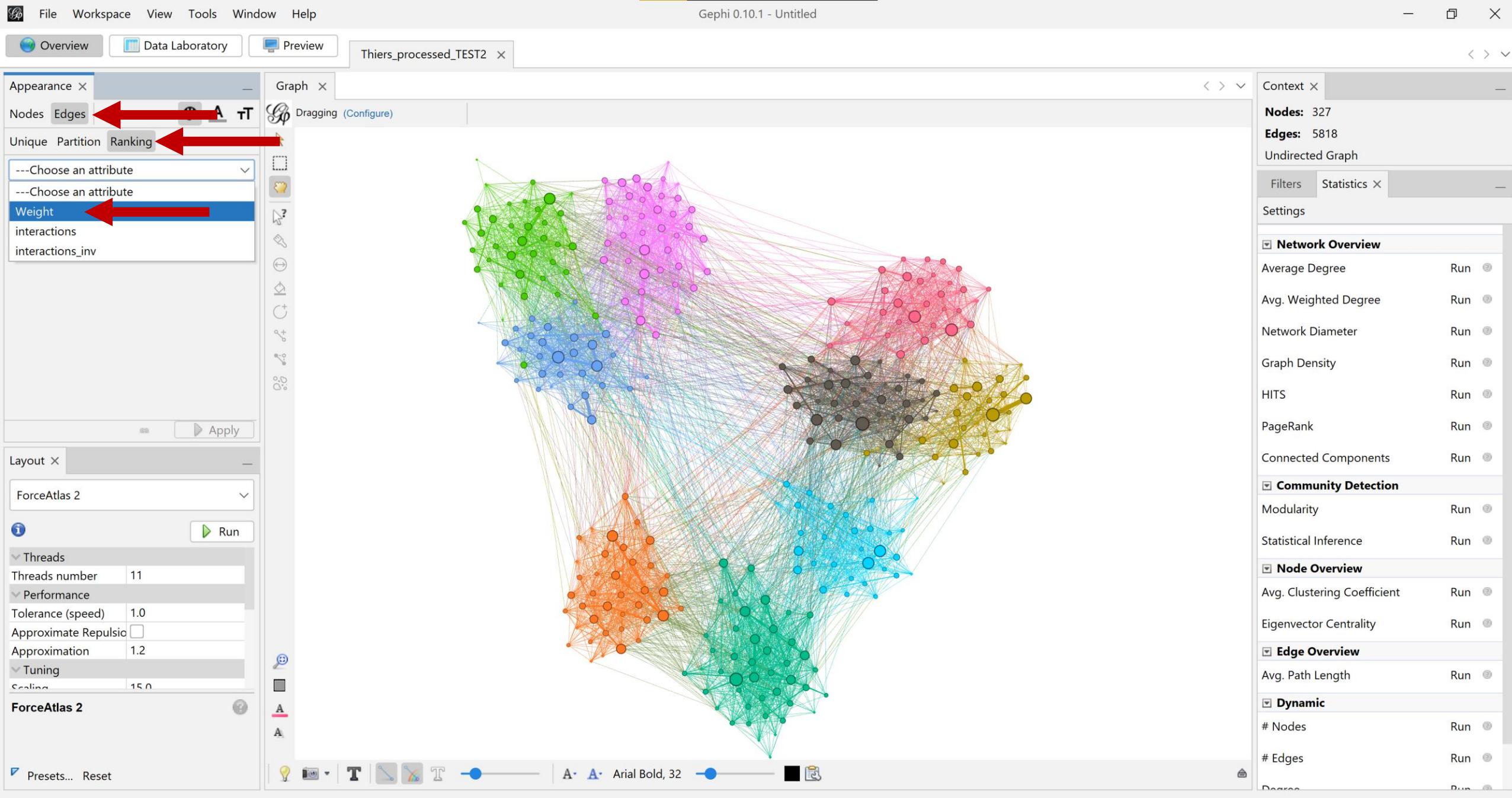
Edge Overview

- Avg. Path Length Run ⓘ

Dynamic

- # Nodes Run ⓘ
- # Edges Run ⓘ
- Degree Run ⓘ

Set edge color

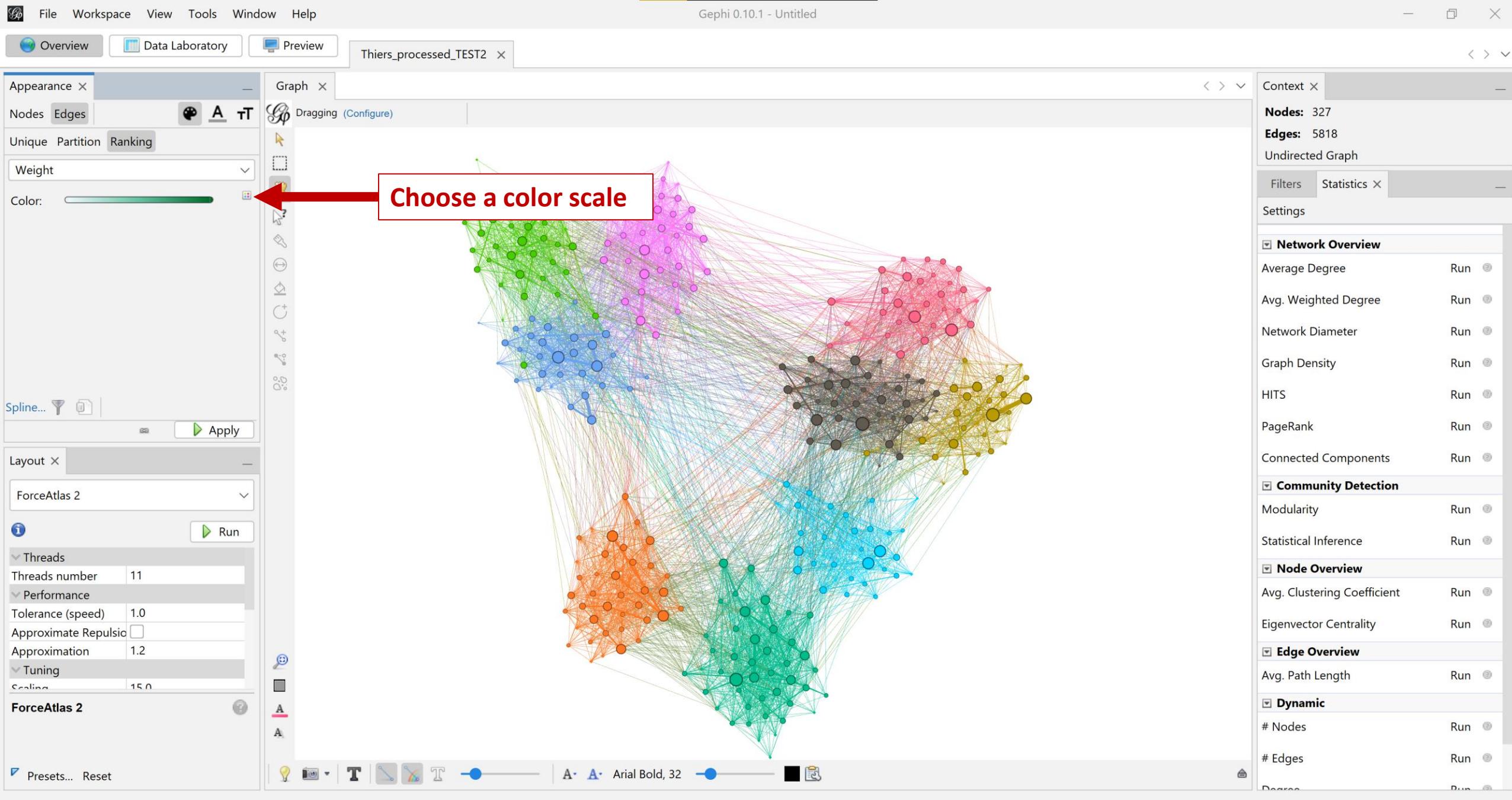


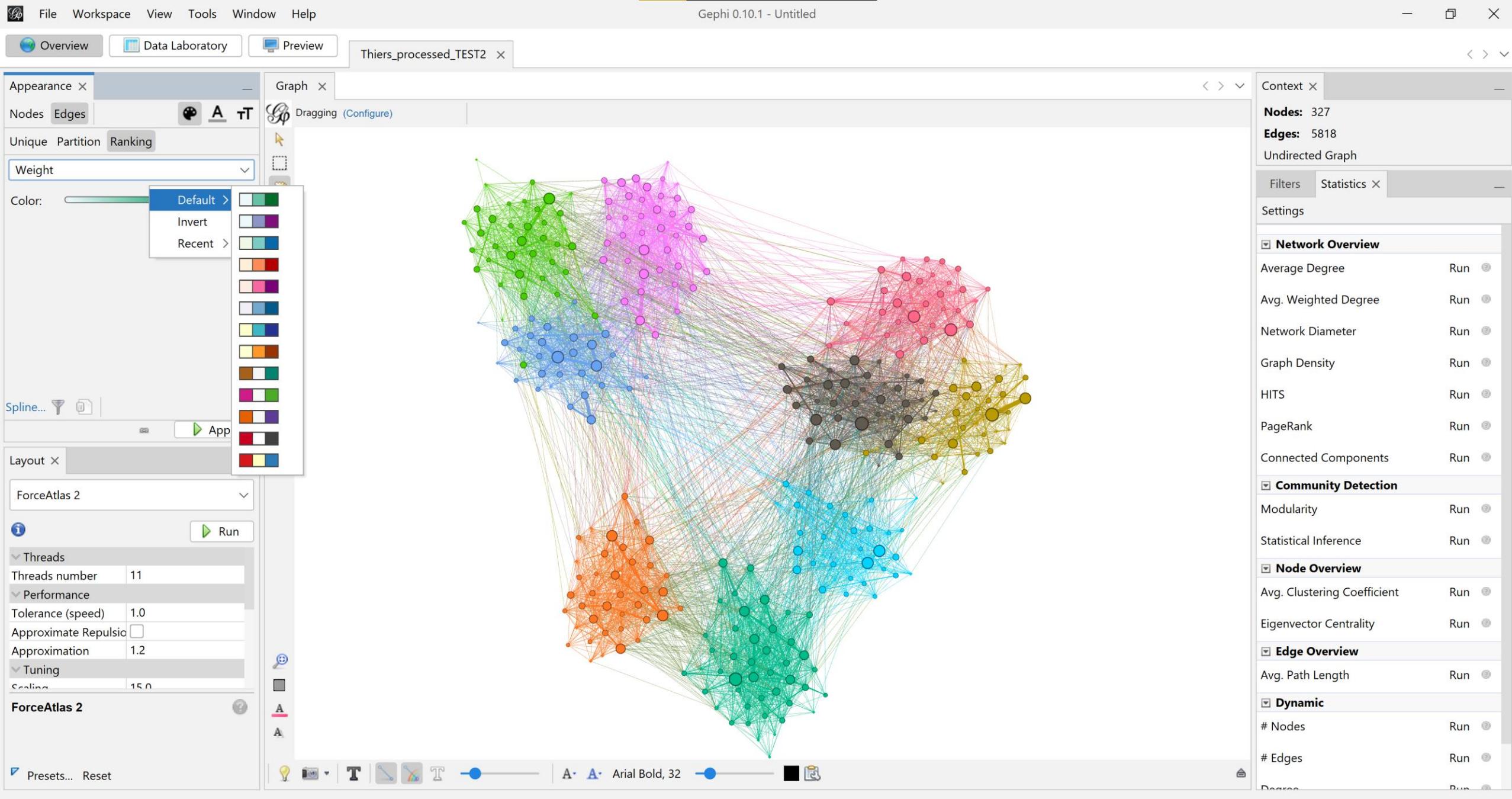
Type here to search

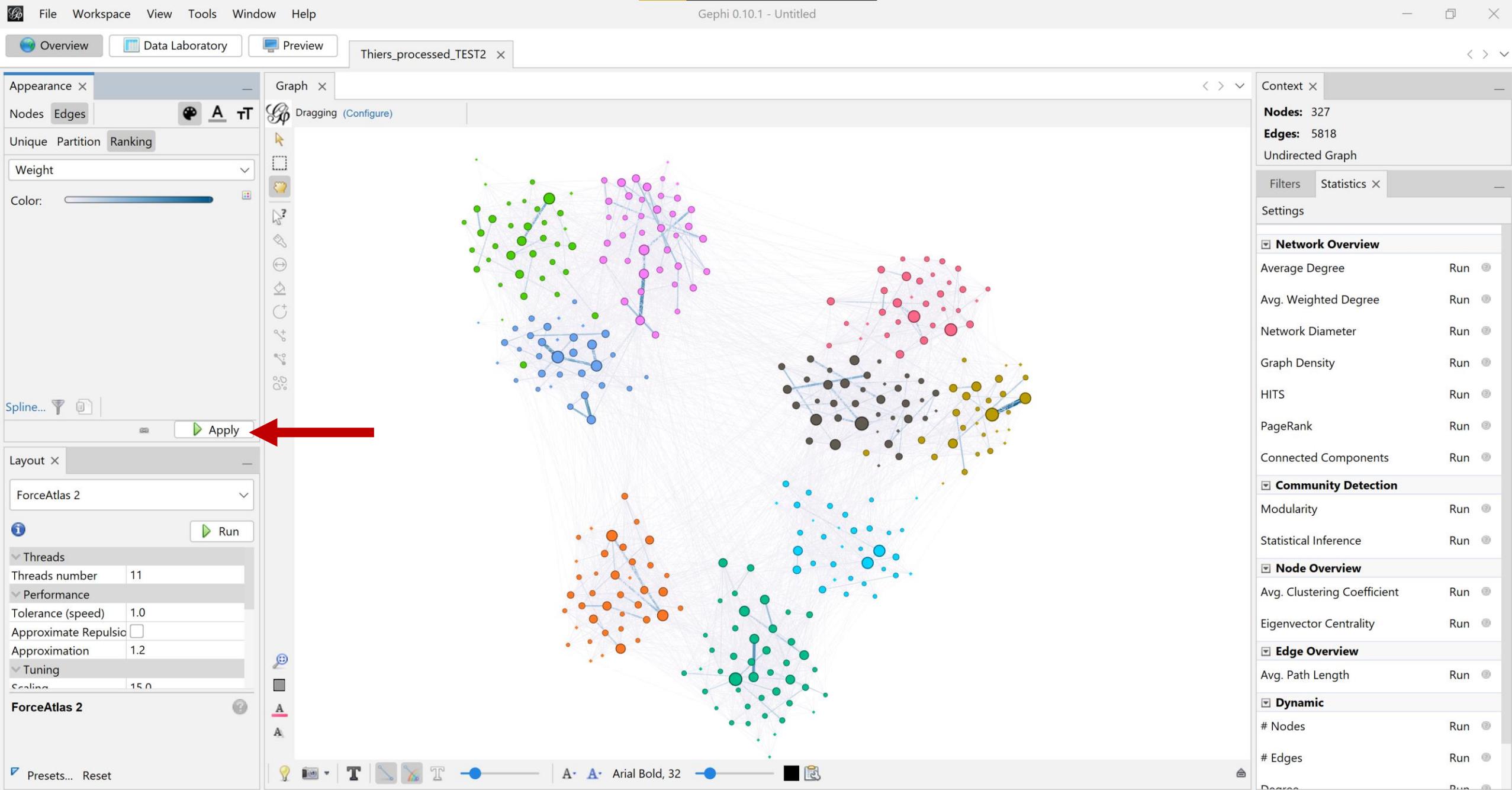


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17/05/2023

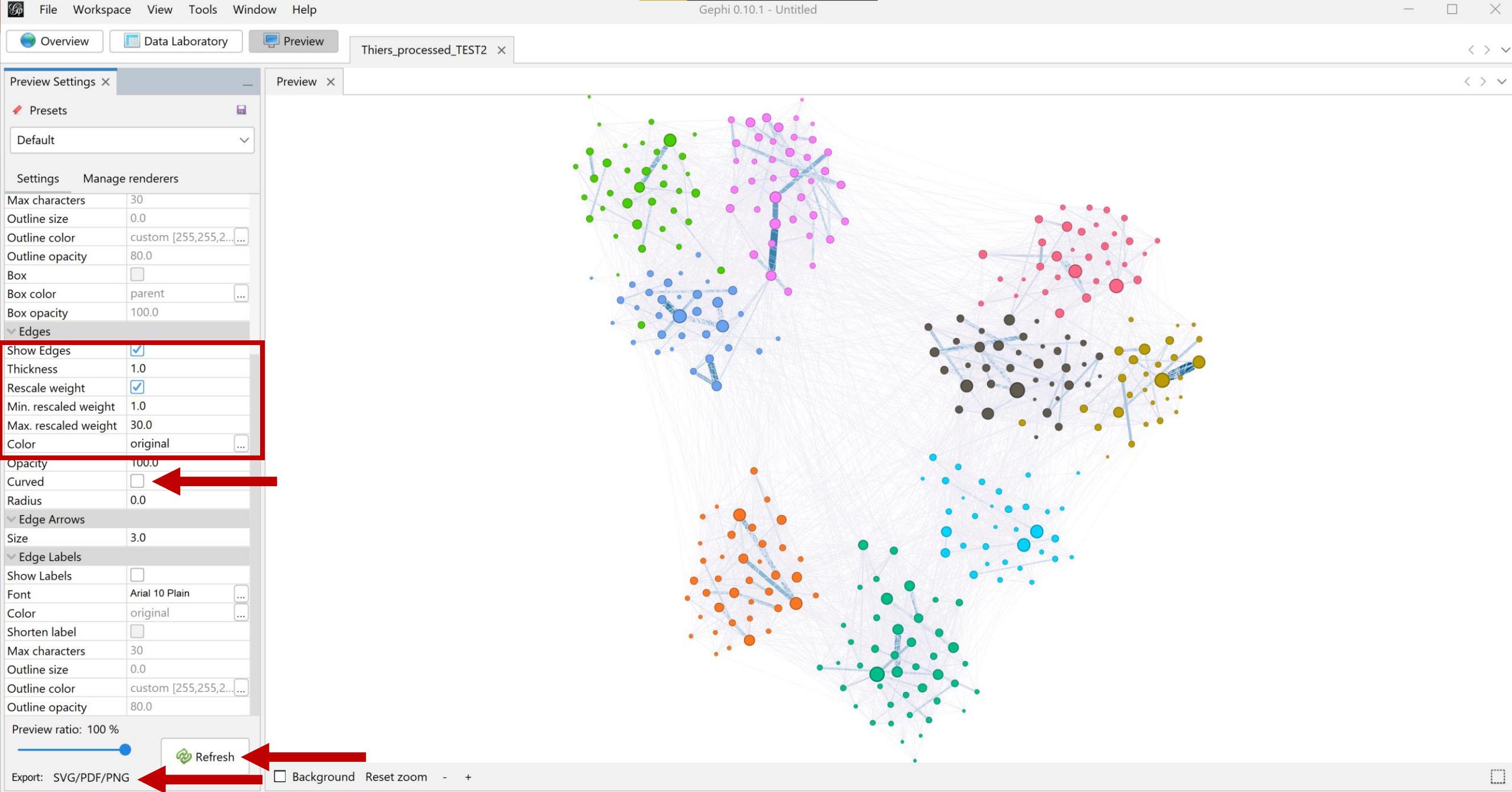








Export visualization



Type here to search

