

OverviewData LaboratoryPreview

Workspace 1

Data Table

NodesEdgesconfigurationAdd nodeAdd edgeSearch/ReplaceImport SpreadsheetExport tableMore actions

FilterId

Id	Label	Interval
New York (JFK)		
London (LHR)		
Los Angeles (LAX)		
Tokyo (NRT)		
Dubai (DXB)		
Sydney (SYD)		
Singapore (SIN)		
Paris (CDG)		
Hong Kong (HKG)		
San Francisco (SFO)		
Chicago (ORD)		
Frankfurt (FRA)		
Toronto (YYZ)		
Mumbai (BOM)		
Delhi (DEL)		
Bangkok (BKK)		
Melbourne (MEL)		
Istanbul (IST)		
Shanghai (PVG)		
Madrid (MAD)		
Miami (MIA)		
Seoul (ICN)		
Johannesburg (JNB)		
Amsterdam (AMS)		
Rio de Janeiro (GIG)		
Lisbon (LIS)		
Mexico City (MEX)		
Beijing (PEK)		
Cape Town (CPT)		
Jakarta (CGK)		

Add columnMerge columnsDelete columnClear columnCopy data to other columnFill column with a valueDuplicate columnCreate a boolean column from regex matchCreate column with list of regex matching groupsNegate boolean valuesConvert column to dynamic

File

Workspace

View

Tools

Window

Help

Gephi 0.10.1 - Untitled

Overview

Data Laboratory

Preview

Workspace 1

Data Table

Nodes

Edges

configuration

Add node

Add edge

Search/Replace

Import Spreadsheet

Export table

More actions

Filter

Id

Id	Label	Interval
Johannesburg (JNB)		
Kuala Lumpur (KUL)		
Lima (LIM)		
Lisbon (LIS)		
London (LHR)		
Los Angeles (LAX)		
Madrid (MAD)		
Manila (MNL)		
Melbourne (MEL)		
Mexico City (MEX)		
Miami (MIA)		
Moscow (SVO)		
Mumbai (BOM)		
New York (JFK)		
Oslo (OSL)		
Paris (CDG)		
Rio de Janeiro (GIG)		
Rome (FCO)		
San Francisco (SFO)		
Sao Paulo (GRU)		
Seoul (ICN)		
Shanghai (PVG)		
Singapore (SIN)		
Stockholm (ARN)		
Sydney (SYD)		
Tokyo (NRT)		
Toronto (YYZ)		
Vienna (VIE)		
Warsaw (WAW)		
Zurich (ZRH)		

Add column

Merge columns

Delete column

Clear column

Copy data to other column

Fill column with a value

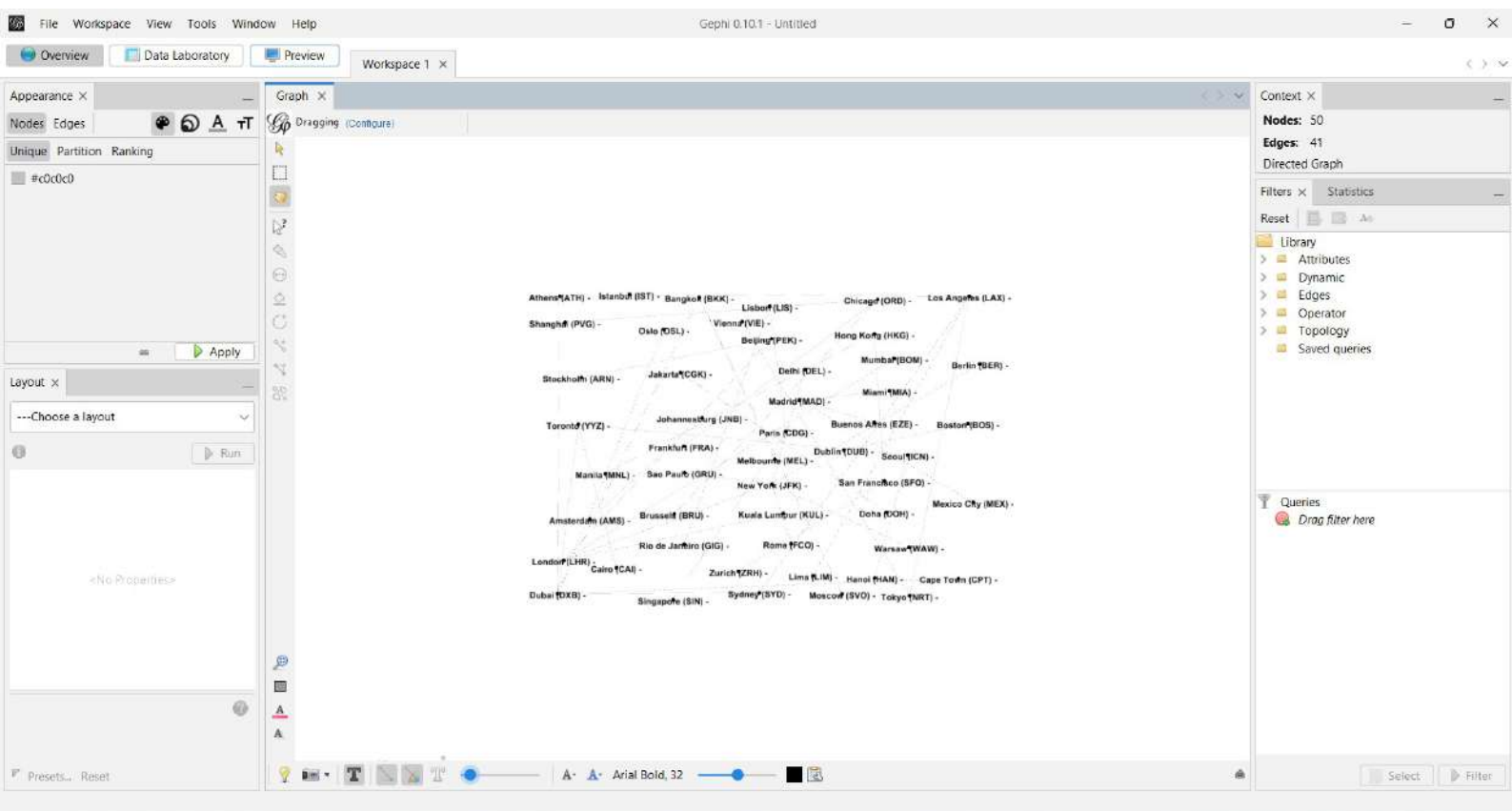
Duplicate column

Create a boolean column from regex match

Create column with list of regex matching groups

Negate boolean values

Convert column to dynamic



FileWorkspaceViewToolsWindowHelp

Gephi 0.10.1 - Untitled

OverviewData LaboratoryPreviewWorkspace 1

Data Table

NodesEdgesconfigurationAdd nodeAdd edgeSearch/ReplaceImport SpreadsheetExport TableMore actionsFilterId

Id	Label	Interval	In-Degree	Out-Degree	Degree
New York (JFK)		5	1	6	
London (LHR)		4	0	4	
Los Angeles (LAX)		3	1	4	
Tokyo (NRT)		2	0	2	
Dubai (DXB)		5	1	6	
Sydney (SYD)		1	1	2	
Singapore (SIN)		0	1	1	
Paris (CDG)		2	0	2	
Hong Kong (HKG)		1	1	2	
San Francisco (SFO)		2	0	2	
Chicago (ORD)		2	1	3	
Frankfurt (FRA)		1	0	1	
Toronto (YYZ)		2	1	3	
Mumbai (BOM)		0	1	1	
Delhi (DEL)		0	1	1	
Bangkok (BKK)		1	2	3	
Melbourne (MEL)		1	0	1	
Istanbul (IST)		0	1	1	
Shanghai (PVG)		0	1	1	
Madrid (MAD)		2	1	3	
Miami (MIA)		1	0	1	
Seoul (ICN)		1	1	2	
Johannesburg (JNB)		0	1	1	
Amsterdam (AMS)		1	0	1	
Rio de Janeiro (GIG)		0	1	1	
Lisbon (LIS)		1	1	2	
Mexico City (MEX)		0	1	1	
Beijing (PEK)		1	1	2	
Cape Town (CPT)		0	1	1	
Jakarta (CGK)		0	1	1	

Add columnMerge columnsDelete columnClear columnCopy data to other columnFill column with a valueDuplicate columnCreate a boolean column from regex matchCreate column with list of regex matching groupsNegate boolean valuesConvert column to dynamic

FileWorkspaceViewToolsWindowHelp

Gephi 0.10.1 - Untitled

OverviewData LaboratoryPreview

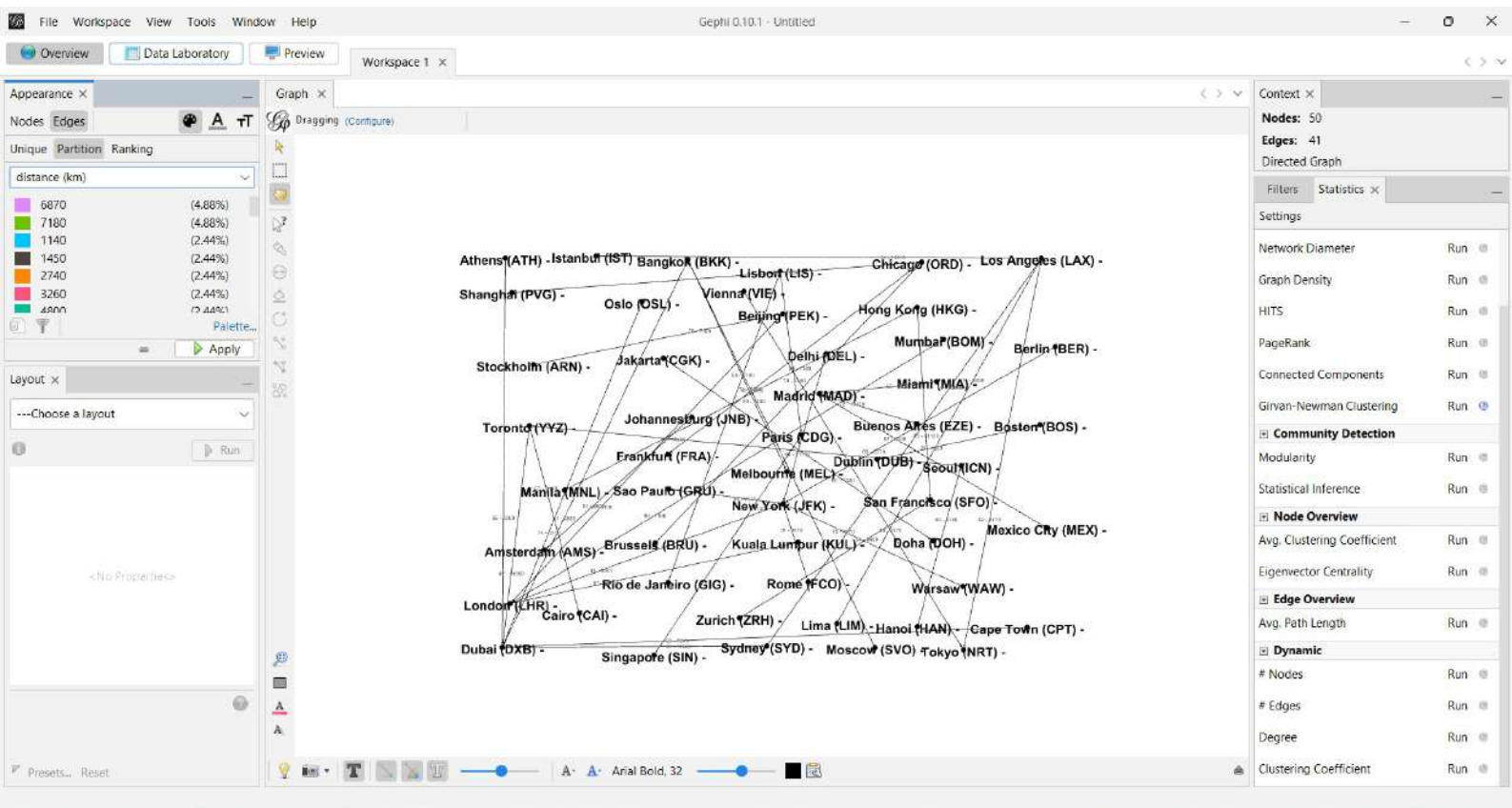
Workspace 1

Data Table

NodesEdgesConfigurationAdd nodeAdd edgeSearch/ReplaceImport SpreadsheetExport tableMore actionsFilterId

Id	Label	Interval	In-Degree	Out-Degree	Degree
Miami (MIA)		1	0	1	
Seoul (ICN)		1	1	2	
Johannesburg (JNB)		0	1	1	
Amsterdam (AMS)		1	0	1	
Rio de Janeiro (GIG)		0	1	1	
Lisbon (LIS)		1	1	2	
Mexico City (MEX)		0	1	1	
Beijing (PEK)		1	1	2	
Cape Town (CPT)		0	1	1	
Jakarta (CGK)		0	1	1	
Doha (DOH)		1	0	1	
Berlin (BER)		0	1	1	
Kuala Lumpur (KUL)		0	1	1	
Zurich (ZRH)		0	1	1	
Sao Paulo (GRU)		0	1	1	
Athens (ATH)		0	1	1	
Cairo (CAI)		0	1	1	
Manila (MNL)		0	1	1	
Hanoi (HAN)		0	1	1	
Moscow (SVO)		0	1	1	
Buenos Aires (EZE)		0	1	1	
Warsaw (WAW)		0	1	1	
Oslo (OSL)		0	1	1	
Lima (LIM)		0	1	1	
Stockholm (ARN)		0	1	1	
Brussels (BRU)		0	1	1	
Rome (FCO)		0	1	1	
Boston (BOS)		0	1	1	
Dublin (DUB)		1	0	1	
Vienna (VIE)		0	1	1	

Add columnMerge columnsDelete columnClear columnCopy data to other columnFill column with a valueDuplicate columnCreate a boolean column from regex matchCreate column with list of regex matching groupsNegate boolean valuesConvert column to dynamic





FileWorkspaceViewToolsWindowHelp

Gephi 0.10.1 - Untitled

OverviewData LaboratoryPreviewWorkspace 1

Data Table

NodesEdgesconfigurationAdd nodeAdd edgeSearch/ReplaceImport SpreadsheetExport tableMore actions

FilterSource

Source	Target	Type	Id	Label	Interval	Weight	distance (km)
New York (JFK)	London (LHR)	Directed	41			1.0	5567
Los Angeles (LAX)	Tokyo (NRT)	Directed	42			1.0	8770
Dubai (DXB)	Sydney (SYD)	Directed	43			1.0	12040
Singapore (SIN)	Paris (CDG)	Directed	44			1.0	10730
Hong Kong (HKG)	San Francisco (SFO)	Directed	45			1.0	11130
Chicago (ORD)	Frankfurt (FRA)	Directed	46			1.0	6980
Toronto (YYZ)	Dubai (DXB)	Directed	47			1.0	11090
Mumbai (BOM)	London (LHR)	Directed	48			1.0	7180
Delhi (DEL)	New York (JFK)	Directed	49			1.0	11770
Bangkok (BKK)	Melbourne (MEL)	Directed	50			1.0	7400
Istanbul (IST)	Los Angeles (LAX)	Directed	51			1.0	11010
Shanghai (PVG)	Chicago (ORD)	Directed	52			1.0	11250
Madrid (MAD)	Miami (MIA)	Directed	53			1.0	7100
Seoul (ICN)	Toronto (YYZ)	Directed	54			1.0	10600
Johannesburg (JNB)	Amsterdam (AMS)	Directed	55			1.0	9050
Rio de Janeiro (GIG)	Lisbon (LIS)	Directed	56			1.0	7700
Mexico City (MEX)	Madrid (MAD)	Directed	57			1.0	9100
Beijing (PEK)	London (LHR)	Directed	58			1.0	8130
Cape Town (CPT)	Dubai (DXB)	Directed	59			1.0	7640
Sydney (SYD)	Los Angeles (LAX)	Directed	60			1.0	12050
Jakarta (CGK)	Doha (DOH)	Directed	61			1.0	7320
Berlin (BER)	New York (JFK)	Directed	62			1.0	6370
Kuala Lumpur (KUL)	London (LHR)	Directed	63			1.0	10530
Zurich (ZRH)	San Francisco (SFO)	Directed	64			1.0	9400
Sao Paulo (GRU)	New York (JFK)	Directed	65			1.0	7730
Athens (ATH)	Dubai (DXB)	Directed	66			1.0	3260
Cairo (CAI)	Toronto (YYZ)	Directed	67			1.0	9150
Manila (MNL)	Hong Kong (HKG)	Directed	68			1.0	1140
Hanoi (HAN)	Seoul (ICN)	Directed	69			1.0	2740
Lisbon (LIS)	Paris (CDG)	Directed	70			1.0	1450

Add columnMerge columnsDelete columnClear columnCopy data to other columnFill column with a valueDuplicate columnCreate a boolean column from regex matchCreate column with list of regex matching groupsNegate boolean valuesConvert column to dynamic

FileWorkspaceViewToolsWindowHelp

Gephi 0.10.1 - Untitled

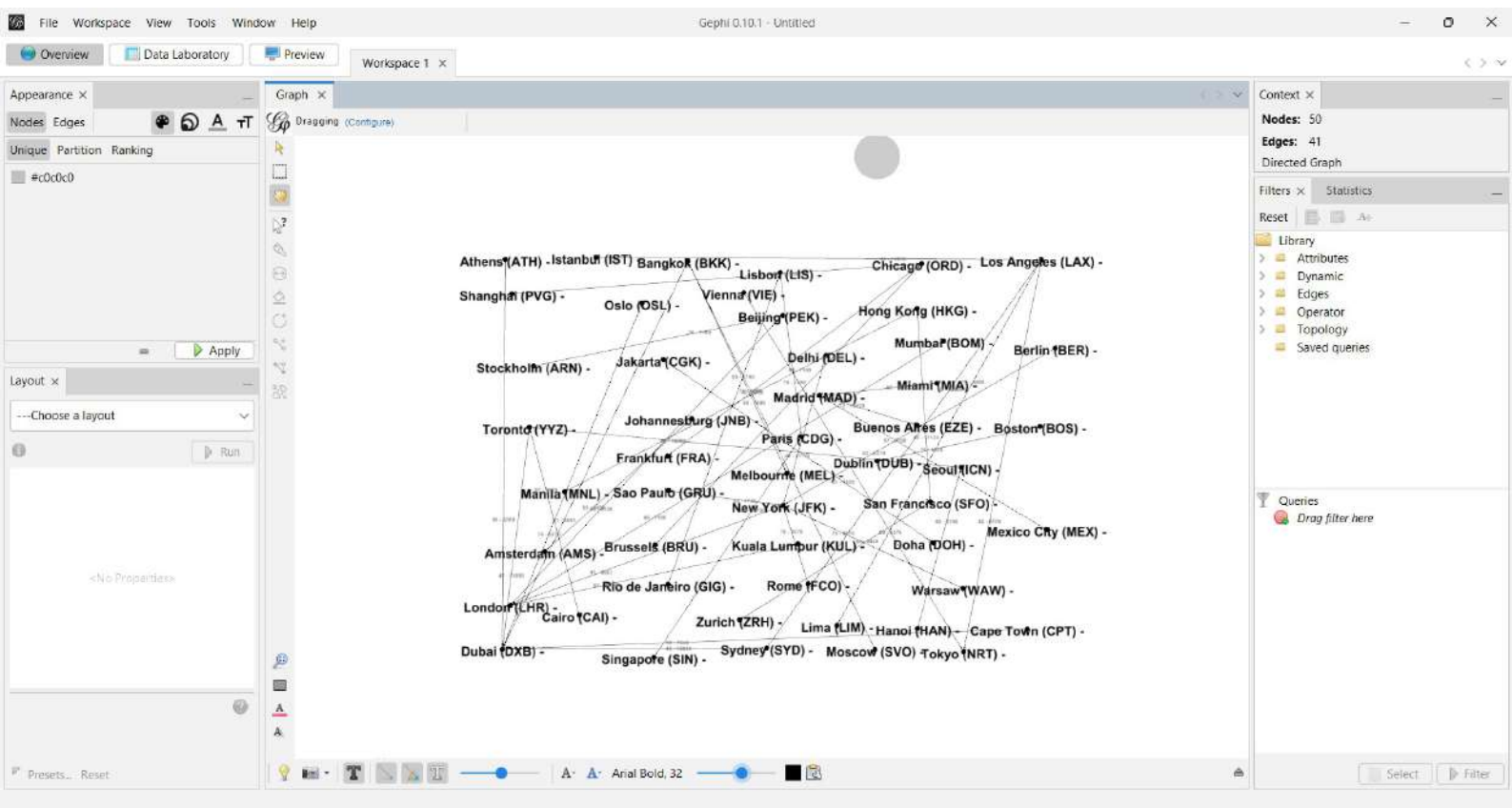
OverviewData LaboratoryPreviewWorkspace 1

Data Table

NodesEdgesconfigurationAdd nodeAdd edgeSearch/ReplaceImport SpreadsheetExport tableMore actionsFilterSource

Source	Target	Type	Id	Label	Interval	Weight	distance (km)
Shanghai (PVG)	Chicago (ORD)	Directed	52		1.0	11250	
Madrid (MAD)	Miami (MIA)	Directed	53		1.0	7100	
Seoul (ICN)	Toronto (YYZ)	Directed	54		1.0	10600	
Johannesburg (JNB)	Amsterdam (AMS)	Directed	55		1.0	9050	
Rio de Janeiro (GIG)	Lisbon (LIS)	Directed	56		1.0	7700	
Mexico City (MEX)	Madrid (MAD)	Directed	57		1.0	9100	
Beijing (PEK)	London (LHR)	Directed	58		1.0	8130	
Cape Town (CPT)	Dubai (DXB)	Directed	59		1.0	7640	
Sydney (SYD)	Los Angeles (LAX)	Directed	60		1.0	12050	
Jakarta (CGK)	Doha (DOH)	Directed	61		1.0	7320	
Berlin (BER)	New York (JFK)	Directed	62		1.0	6370	
Kuala Lumpur (KUL)	London (LHR)	Directed	63		1.0	10530	
Zurich (ZRH)	San Francisco (SFO)	Directed	64		1.0	9400	
Sao Paulo (GRU)	New York (JFK)	Directed	65		1.0	7730	
Athens (ATH)	Dubai (DXB)	Directed	66		1.0	3260	
Cairo (CAI)	Toronto (YYZ)	Directed	67		1.0	9150	
Manila (MNL)	Hong Kong (HKG)	Directed	68		1.0	1140	
Hanoi (HAN)	Seoul (ICN)	Directed	69		1.0	2740	
Lisbon (LIS)	Paris (CDG)	Directed	70		1.0	1450	
Moscow (SVO)	Bangkok (BKK)	Directed	71		1.0	7080	
Buenos Aires (EZE)	Madrid (MAD)	Directed	72		1.0	10120	
Warsaw (WAW)	New York (JFK)	Directed	73		1.0	6870	
Oslo (OSL)	Dubai (DXB)	Directed	74		1.0	5270	
Lima (LIM)	Los Angeles (LAX)	Directed	75		1.0	6680	
Stockholm (ARN)	Beijing (PEK)	Directed	76		1.0	7180	
Brussels (BRU)	Chicago (ORD)	Directed	77		1.0	6660	
Rome (FCO)	New York (JFK)	Directed	78		1.0	6870	
Boston (BOS)	Dublin (DUB)	Directed	79		1.0	4800	
Vienna (VIE)	Tokyo (NRT)	Directed	80		1.0	9370	
Bangkok (BKK)	Dubai (DXB)	Directed	81		1.0	4880	

Add columnMerge columnsDelete columnClear columnCopy data to other columnFill column with a valueDuplicate columnCreate a boolean column from regex matchCreate column with list of regex matching groupsNegate boolean valuesConvert column to dynamic





Girvan-Newman Report

Parameters:

Respect edge type for shortest path betweenness: yes

Respect parallel edges for shortest path betweenness: yes

Respect edge type for modularity computation: yes

Respect parallel edges for modularity computation: yes

Processed Graph Data

Nodes: 50

Edges 41

Processing time: 0.021 sec.

Communities

Number of communities: 11

Maximum found modularity: 0.81737065



Print



Copy



Save

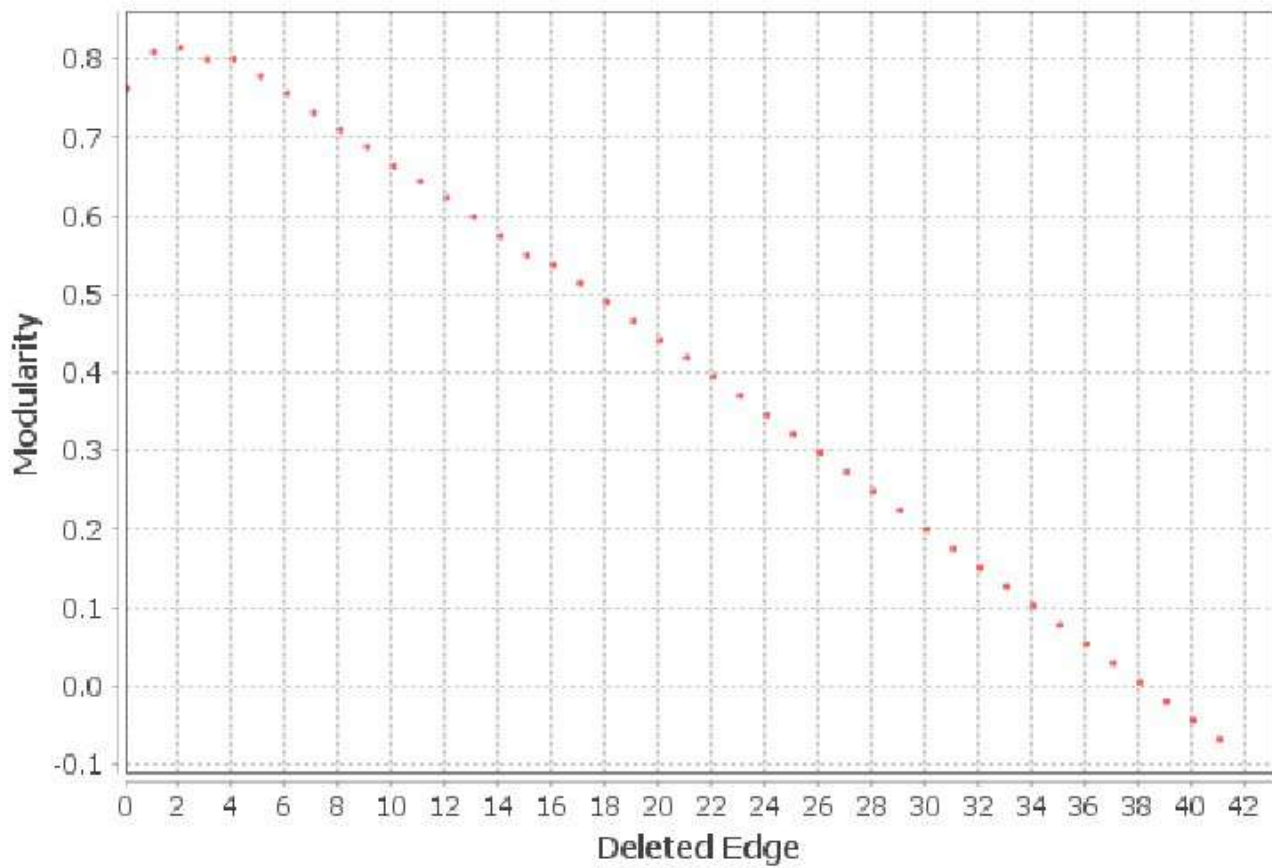
Close



Communities

Number of communities: 11

Maximum found modularity: 0.81737065



Print



Copy



Save

Close

FileWorkspaceViewToolsWindowHelp

Gephi 0.10.1 - Untitled

OverviewData LaboratoryPreviewWorkspace 1

Data Table

NodesEdgesConfigurationAdd nodeAdd edgeSearch/ReplaceImport SpreadsheetExport tableMore actionsFilterId

Id	Label	Interval	In-Degree	Out-Degree	Degree	Cluster-ID
New York (JFK)		5	1	6	0	
London (LHR)		4	0	4	10	
Los Angeles (LAX)		3	1	4	9	
Tokyo (NRT)		2	0	2	9	
Dubai (DXB)		5	1	6	1	
Sydney (SYD)		1	1	2	9	
Singapore (SIN)		0	1	1	2	
Paris (CDG)		2	0	2	2	
Hong Kong (HKG)		1	1	2	3	
San Francisco (SFO)		2	0	2	3	
Chicago (ORD)		2	1	3	4	
Frankfurt (FRA)		1	0	1	4	
Toronto (YYZ)		2	1	3	1	
Mumbai (BOM)		0	1	1	10	
Delhi (DEL)		0	1	1	0	
Bangkok (BKK)		1	2	3	1	
Melbourne (MEL)		1	0	1	1	
Istanbul (IST)		0	1	1	9	
Shanghai (PVG)		0	1	1	4	
Madrid (MAD)		2	1	3	5	
Miami (MIA)		1	0	1	5	
Seoul (ICN)		1	1	2	1	
Johannesburg (JNB)		0	1	1	6	
Amsterdam (AMS)		1	0	1	6	
Rio de Janeiro (GIG)		0	1	1	2	
Lisbon (LIS)		1	1	2	2	
Mexico City (MEX)		0	1	1	5	
Beijing (PEK)		1	1	2	10	
Cape Town (CPT)		0	1	1	1	
Jakarta (CGK)		0	1	1	7	

Add columnMerge columnsDelete columnClear columnCopy data to other columnFill column with a valueDuplicate columnCreate a boolean column from regex matchCreate column with list of regex matching groupsNegate boolean valuesConvert column to dynamic

File

Workspace

View

Tools

Window

Help

Gephi 0.10.1 - Untitled

Overview

Data Laboratory

Preview

Workspace 1 x

Data Table x

Nodes

Edges

Configuration

Add node

Add edge

Search/Replace

Import Spreadsheet

Export table

More actions

Filter

Id

Id	Label	Interval	In-Degree	Out-Degree	Degree	Cluster-ID
Miami (MIA)		1	0	1	5	
Seoul (ICN)		1	1	2	1	
Johannesburg (JNB)		0	1	1	6	
Amsterdam (AMS)		1	0	1	6	
Rio de Janeiro (GIG)		0	1	1	2	
Lisbon (LIS)		1	1	2	2	
Mexico City (MEX)		0	1	1	5	
Beijing (PEK)		1	1	2	10	
Cape Town (CPT)		0	1	1	1	
Jakarta (CGK)		0	1	1	7	
Doha (DOH)		1	0	1	7	
Berlin (BER)		0	1	1	0	
Kuala Lumpur (KUL)		0	1	1	10	
Zurich (ZRH)		0	1	1	3	
Sao Paulo (GRU)		0	1	1	0	
Athens (ATH)		0	1	1	1	
Cairo (CAI)		0	1	1	1	
Manila (MNL)		0	1	1	3	
Hanoi (HAN)		0	1	1	1	
Moscow (SVO)		0	1	1	1	
Buenos Aires (EZE)		0	1	1	5	
Warsaw (WAW)		0	1	1	0	
Oslo (OSL)		0	1	1	1	
Lima (LIM)		0	1	1	9	
Stockholm (ARN)		0	1	1	10	
Brussels (BRU)		0	1	1	4	
Rome (FCO)		0	1	1	0	
Boston (BOS)		0	1	1	8	
Dublin (DUB)		1	0	1	8	
Vienna (VIE)		0	1	1	9	

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

