

The Web App



Importing Data

To import a dataset; either drag and drop the file, or click the import box.

The dataset must be in .csv format and be structured in the correct way described in the documentation



Data Summary and Cleaning

On this page, the user can get a summary of the imported dataset

This is the cleaning page

The checks that need to be done:

- Check correct header names, should be: ID, Service, ReferralDate, DischargeDate
- Check that ID, Service, ReferralDate are complete
- Check ID is correct format (non-negative)
- Check ReferralDate and DischargeDate are in correct format (non-negative, sensible values, dd/mm/yy)

The number of rows in the dataset is 600

id 600 referraldate 600 dischargedate 532 team 600 service 600 generalspeciality 600 generalspecialityage 600 setting 600 locality 600 The headers have been labelled correctly

id	service	referraldate	dischargedate
14	Link Centre	25/02/2011	17/05/2016
14	Adult Community	22/07/2011	
14	PPT	30/12/2014	08/12/2015
14	Link Centre	24/09/2016	
64	PPT	04/11/2014	22/03/2016
64	PHAR	23/01/2015	09/08/2015
64	PPT	01/05/2016	01/07/2017
64	PHAT	20/04/2016	31/05/2016
64	CHMT	21/07/2016	
64	Link Centre	19/08/2017	
89	CHMT	19/04/2008	
89	Personality Disorders Service	09/03/2013	17/07/2015
89	Liaison Service	26/02/2015	26/02/2015
89	Liaison Service	30/01/2015	30/01/2015
89	Liaison Service	13/04/2015	13/04/2015
89	Liaison Service	07/03/2015	15/03/2015
89	Liaison Service	27/04/2015	27/04/2015

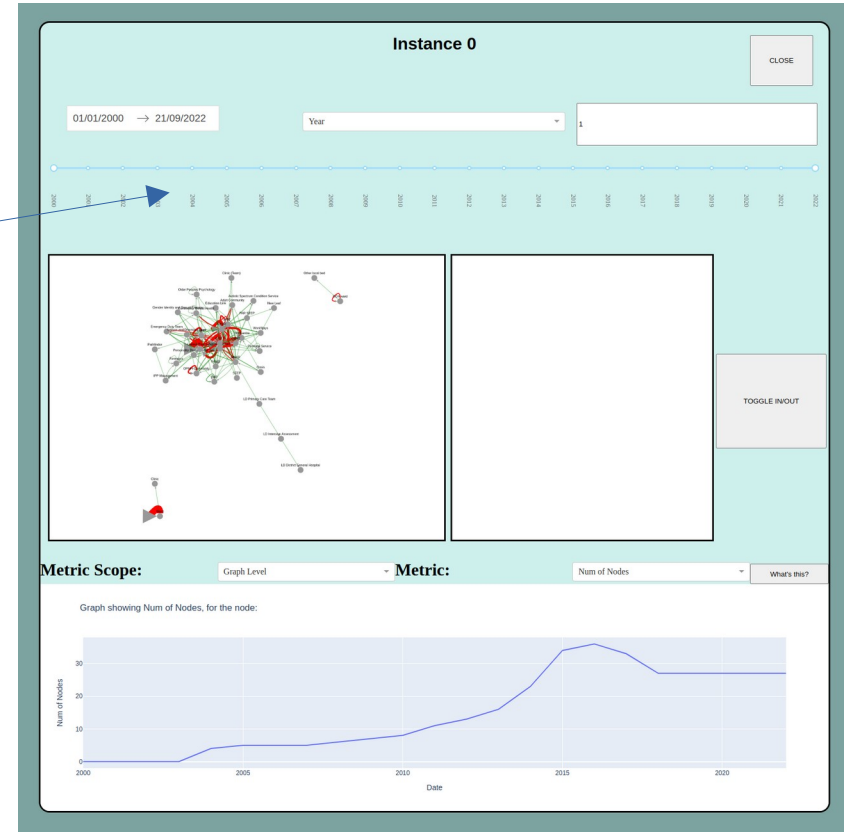
Data Visualisation and Graph Metrics

When going to the “Data Visualisation and Graph Metrics” page for the first time after importing a dataset, this is what you will see.



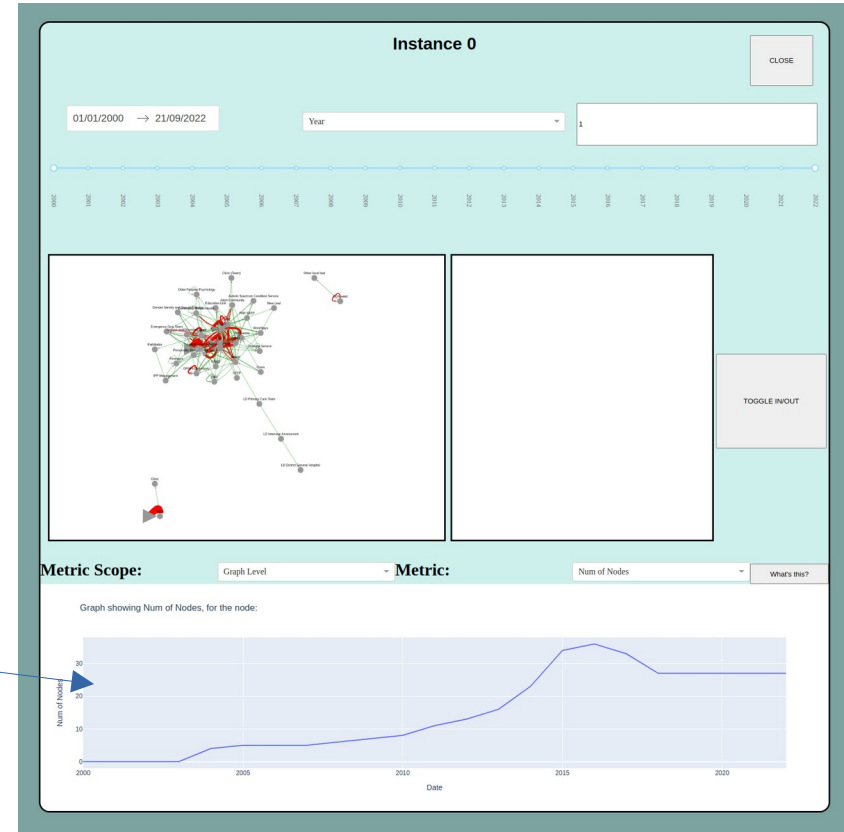
Data Visualisation and Graph Metrics

This is the date slider.
Use it to select a range
of dates. The data in
this time range will be
displayed on the
network graph, and
graph metrics
displayed on the
bottom plot



Data Visualisation and Graph Metrics

Notice that the plot is currently displaying the number of nodes on the graph, over the range of time on the date slider.



Data Visualisation and Graph Metrics

Currently, the graph is showing data between the 01/01/2000 and 21/09/2022.

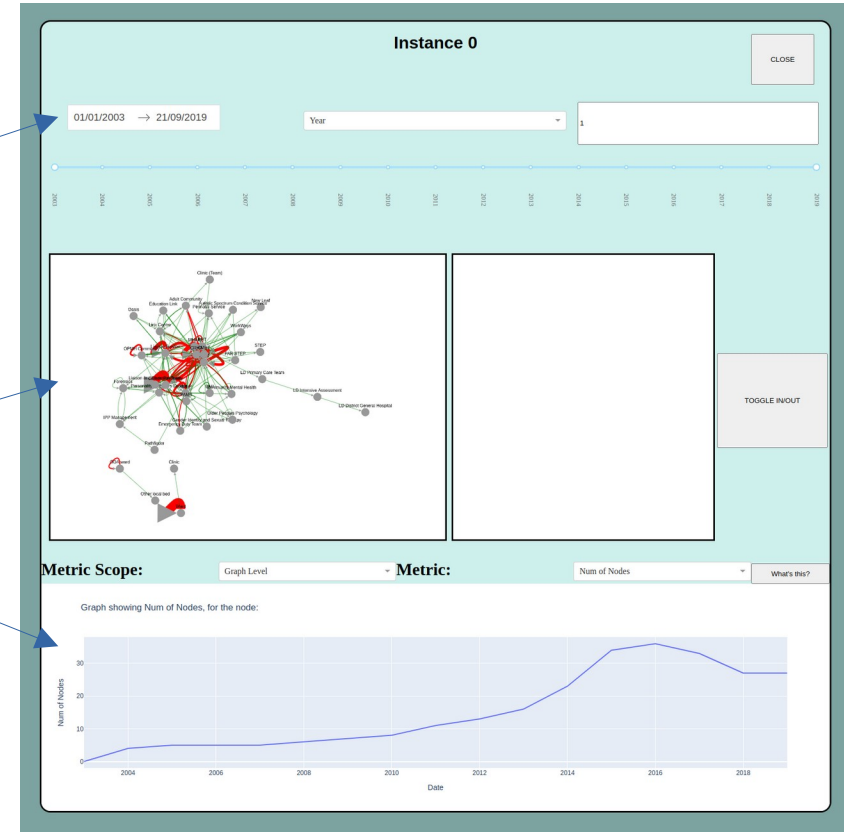
Most of the data, however, lies between 01/01/2003 and 01/01/2020



Data Visualisation and Graph Metrics

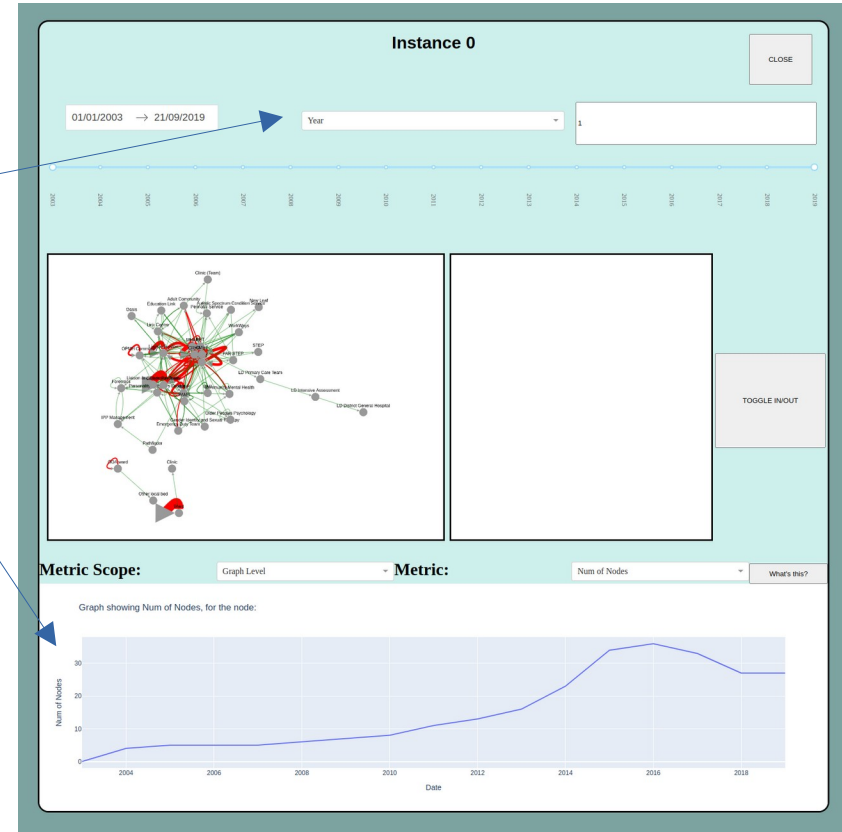
You can change the range of dates

This will update the graphs and plot



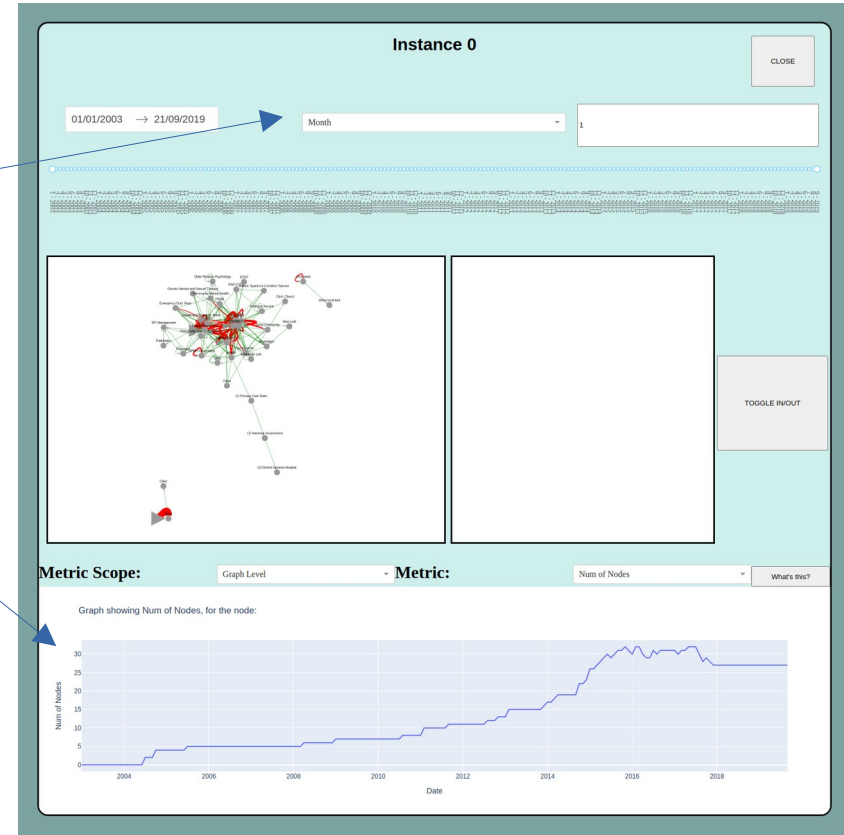
Data Visualisation and Graph Metrics

Currently, the resolution of the dates is “Year”. So on the plot, there is a new piece of data for each year.



Data Visualisation and Graph Metrics

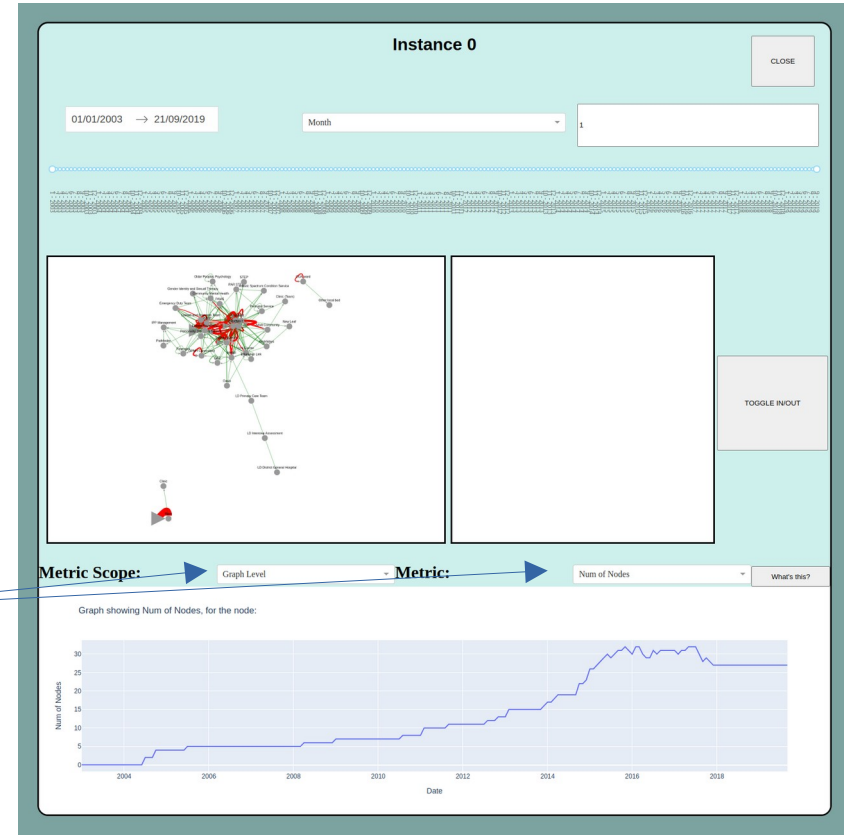
You can
change the
date resolution
and get more
data points on
the plot



Data Visualisation and Graph Metrics

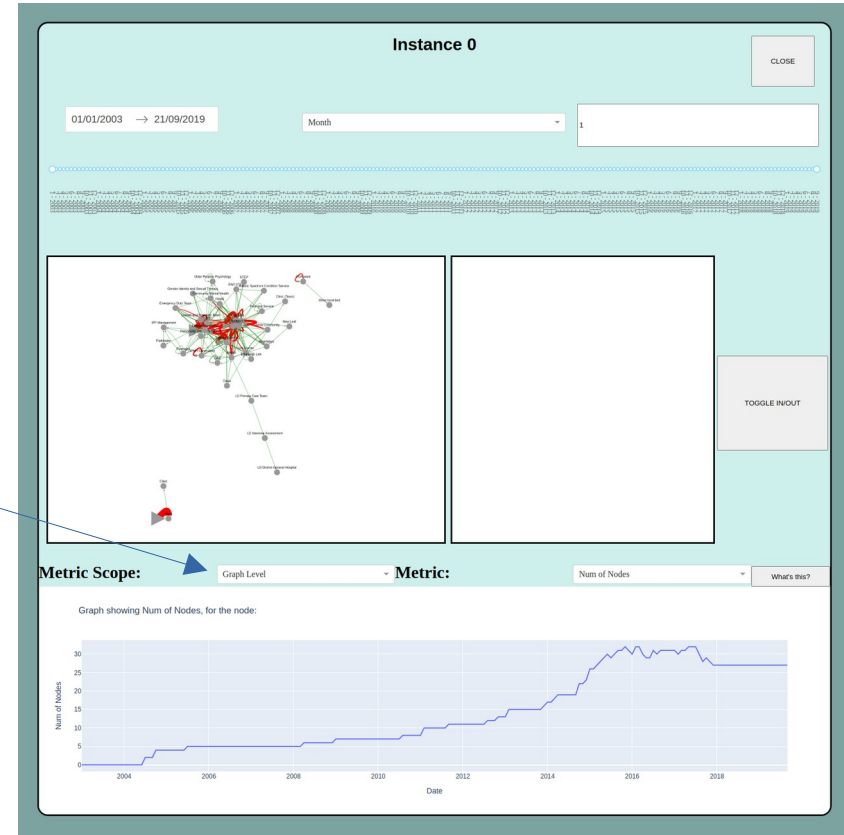
So far, the only metric that has been displayed on the plot is the number of nodes.

This can be changed by using the dropdown boxes



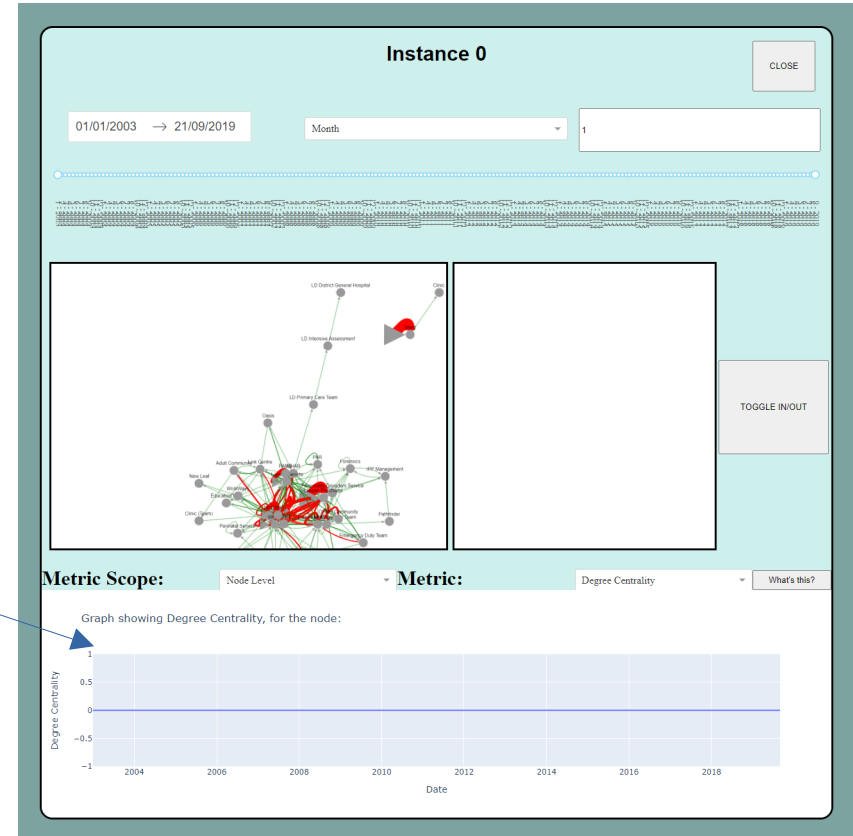
Data Visualisation and Graph Metrics

“Num of Nodes” is a graph level metric. To view a metric for a specific node, use the “Metric Scope” dropdown box to select “Node Level”



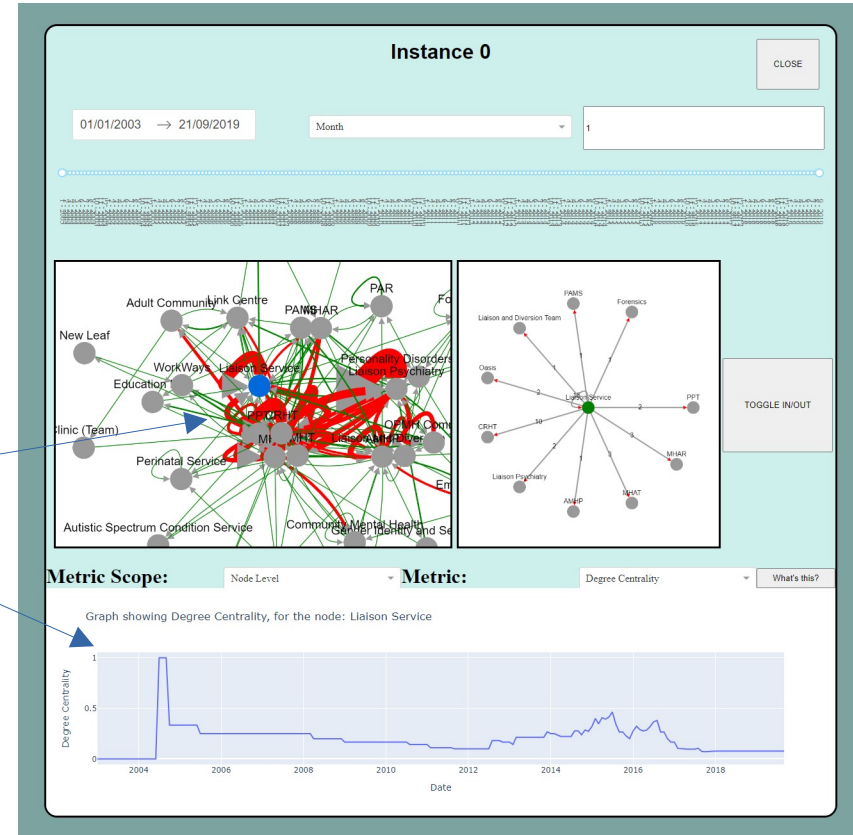
Data Visualisation and Graph Metrics

The plot now shows a straight line, because a node has not yet been selected

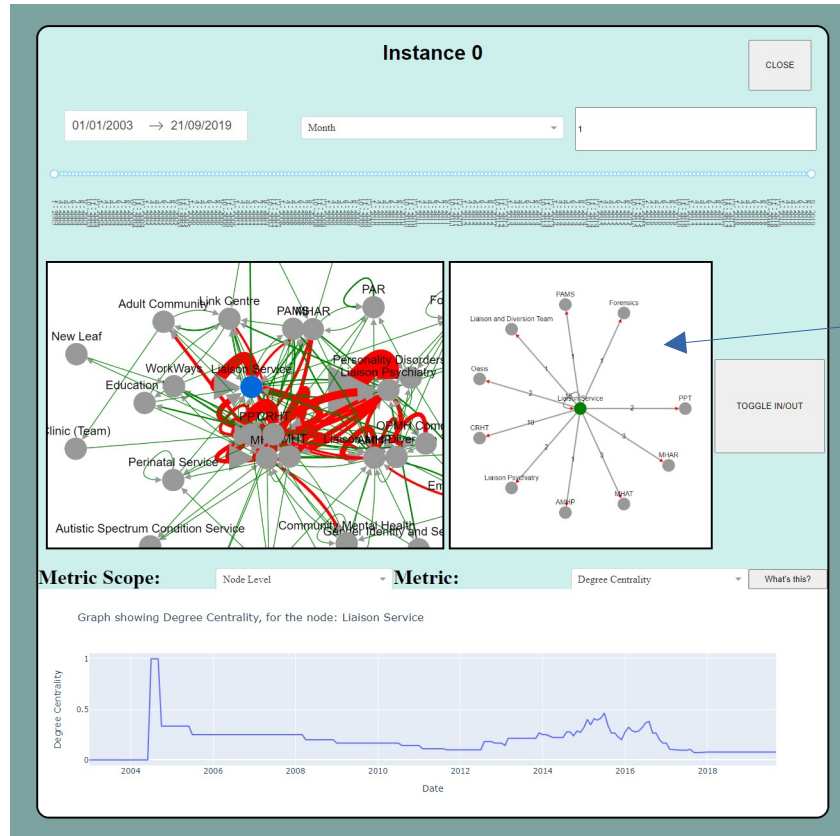


Data Visualisation and Graph Metrics

Select a node on the main graph, and metric data for that node will be plotted

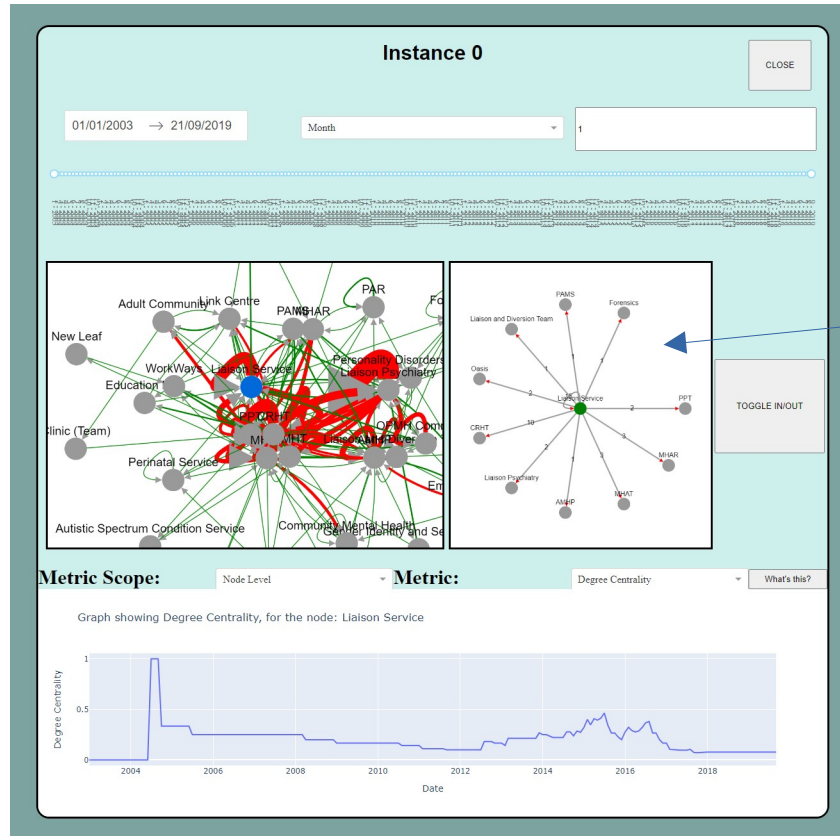


Data Visualisation and Graph Metrics



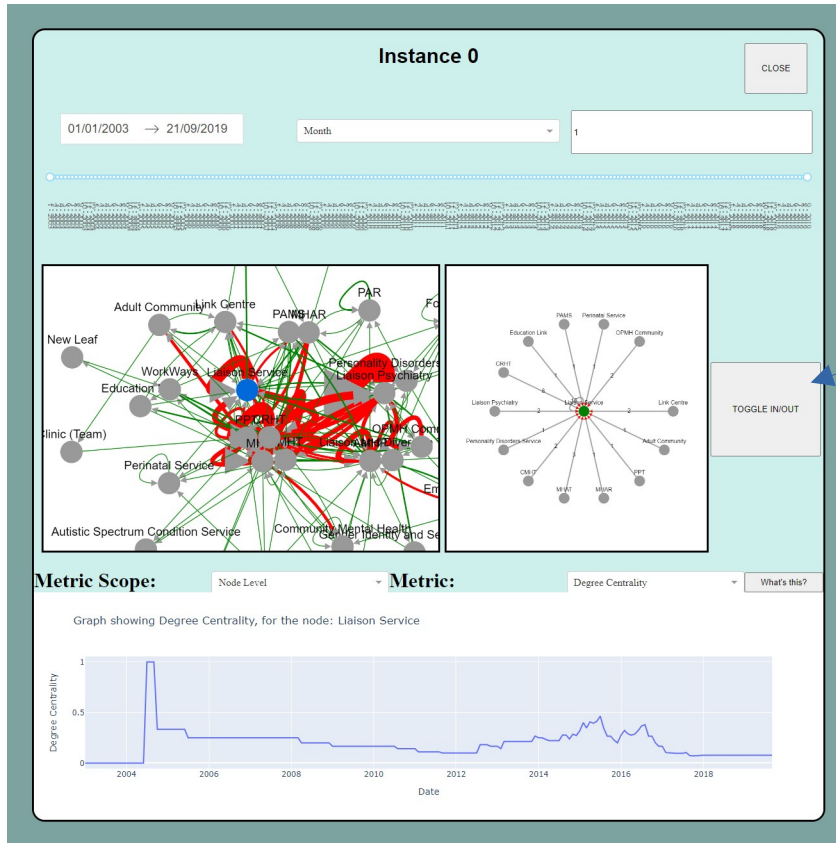
This smaller graph shows the selected node, along with the nodes that are connected to it. It shows the weight of the edges too, which represents the number of patients which go from the selected service to another

Data Visualisation and Graph Metrics



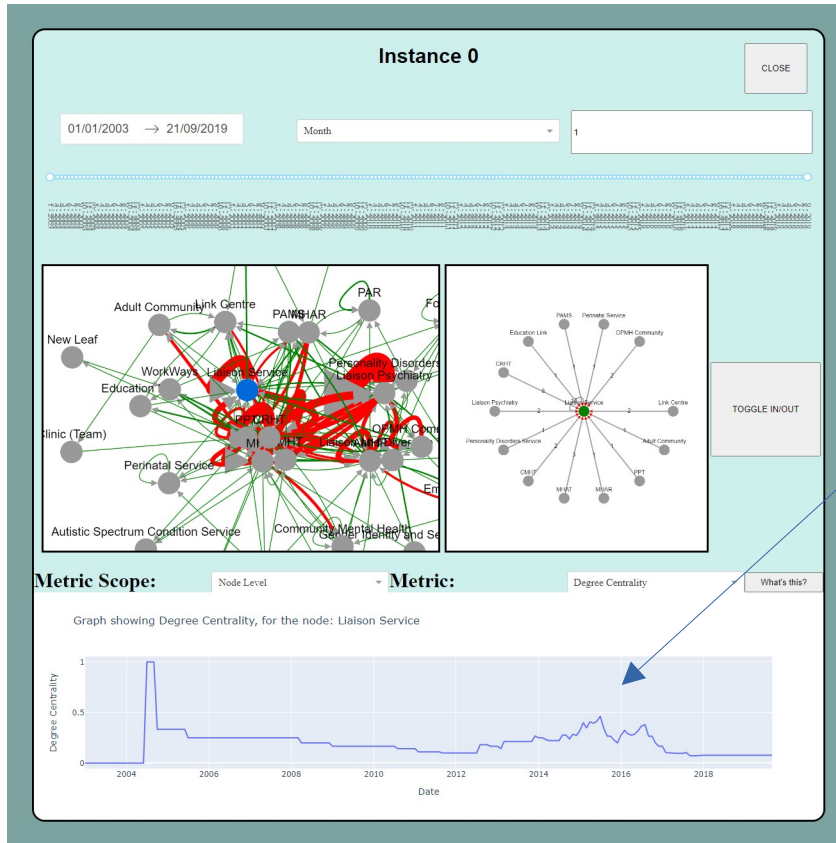
Currently the graph is showing patients going *from* the selected node (service) *to* another node (service)

Data Visualisation and Graph Metrics



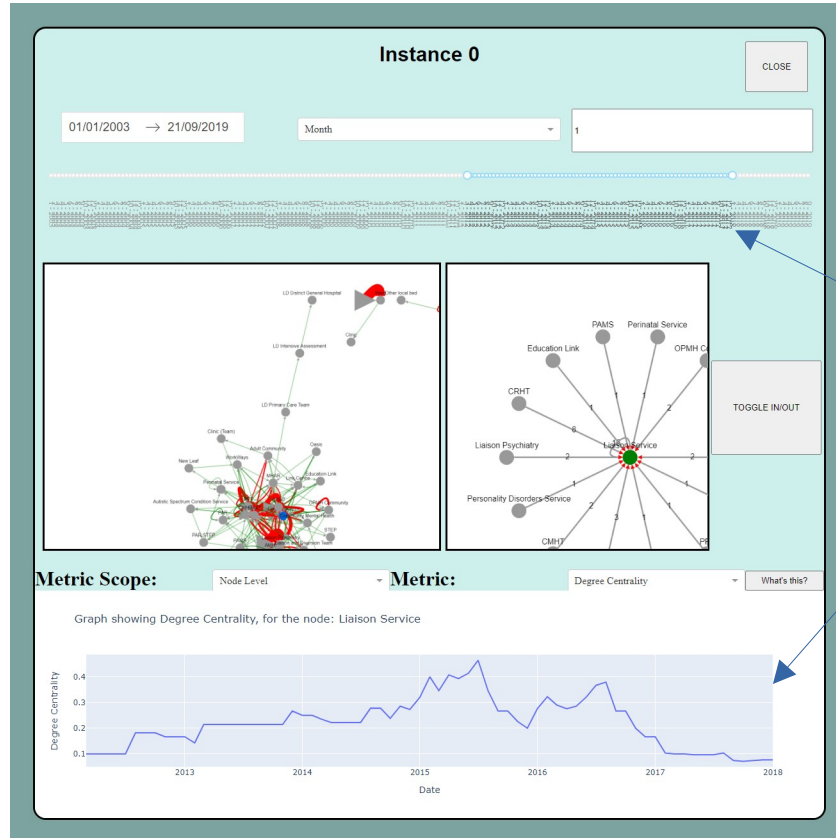
Click the “TOGGLE IN/OUT” button to switch the view. Now the graph shows patients going *from* other nodes (services) *to* the selected node (service)

Data Visualisation and Graph Metrics



This data in this time range looks interesting

Data Visualisation and Graph Metrics



Use the date slider to pick a chunk of data to look at within the selected date range