Table 1. Network-specific/endogenous theoretical mechanisms (Source: adapted from Siciliano et al., 2021a).

Theoretical mechanism	Description
Transitivity/triadic closure	Tendency for actors with a common third partner to also be connected.
Reciprocity	Mutuality.
Preferential attachment	Tendency to partner with already popular actors. Also known as the Matthew Effect or the 'rich get richer'.
Multiplexity	Social relations tend to overlap. Ties in of one type are likely predictive or correlated with ties of another.

Table 2. Number of nodes in the transport governance network of London and NYC.

Governance network	Total number of nodes		
	All data	**Just organisations**	**Just individuals**
London	424	190*	265
NYC	321	163*	217

*The number of organisations explicitly named during the interviews in London and NYC were actually 134 (plus 265 individuals and 25 other social groups makes 424 nodes) and 93 (plus 217 individuals and 11 other social groups makes 321 nodes), respectively. The figures shown above in the table include those organisations plus the ones that were not directly mentioned but to which the some of the individuals are affiliated.

Table 3. Network density, centralisation, diameter and average path length in London and NYC (networks of organisations).

Governance network	Network density - directed data (average value)	Network density - undirected data (average value)	Centralisation - undirected, binary data	Diameter - undirected, binary data	Avg. path length - undirected, binary data
London	2.03% (0.0508)	3.70% (0.0907)	52.94%	4	2.20
NYC	2.27% (0.0414)	4.14% (0.0771)	32.05%	6	2.50

Table 4. Top 10 nodes in terms of normalised indegree centrality (directed, binary data, networks of organisations).

Nodes	Normalised Indegree
London	
Transport for London (TfL)	18.519
Mayor of London	18.519
Greater London Authority	14.286
Mayor's Office	11.111
London Cycling Campaign	10.053
Evening Standard	9.524
Department for Transport	8.466
Treasury	8.466
HM Government	8.466
London Assembly	7.407
NYC	
Governor of NY	17.284
Metropolitan Transportation Authority (MTA)	16.667
Regional Plan Association (RPA)	16.049
NYC Department of Transportation (DoT)	16.049
Mayor of NYC	12.963
Port Authority of New York and New Jersey (PANYNJ)	11.728
NY State DoT	9.877
Move NY	8.642
New York University	8.642
Riders Alliance	8.025

Table 5. Top 10 nodes in terms of eigenvector (undirected, valued data), betweenness (directed, binary data) and closeness (undirected, binary data) centrality (normalised values, networks of organisations).

Nodes	Normalised eigenvector centrality	Nodes	Normalised betweenness centrality	Nodes	Normalised closeness centrality
London					
TfL	90.431	TfL	7.650	TfL	69.485
Mayor of London	42.561	Greater London Authority	2.830	Greater London Authority	57.447
Mayor's Office	39.300	Mayor's Office	1.684	Mayor's Office	55.425
Greater London Authority	36.131	Department for Transport	1.281	Mayor of London	55.102
Campaign for Better Transport	29.749	Westminster City Council	1.090	Department for Transport	52.355
Department for Transport	25.099	London Cycling Campaign	1.088	London Cycling Campaign	52.210
London First	24.881	Campaign for Better Transport	0.760	London Assembly	51.639
TfL Board	19.864	London Assembly	0.677	Evening Standard	51.499
Centre for Cities	19.012	London First	0.478	London First	50.943
Treasury	18.290	University College London	0.420	University College London	50.670
NYC					
MTA	67.577	MTA	2.819	MTA	59.559
RPA	51.472	RPA	2.533	RPA	56.643
NYC DoT	39.038	Bloomberg Associates	2.447	Governor of NY	53.642
ENO Transportation	33.234	Move NY	2.346	NYC DoT	53.642
Move NY	31.979	NYC DoT	1.98	Port Authority of NY & NJ	52.769
Governor of NY	25.616	Port Authority of NY & NJ	1.735	Move NY	52.427
Port Authority of NY & NJ	25.393	Riders Alliance	1.609	Mayor of NYC	50.000
Bloomberg Associates	23.028	Municipal Art Society of NY	1.544	Bloomberg Associates	48.943
Transit Center	22.511	US DoT	1.018	Riders Alliance	48.795
CUNY	21.829	New York University	0.999	Transalt	48.649