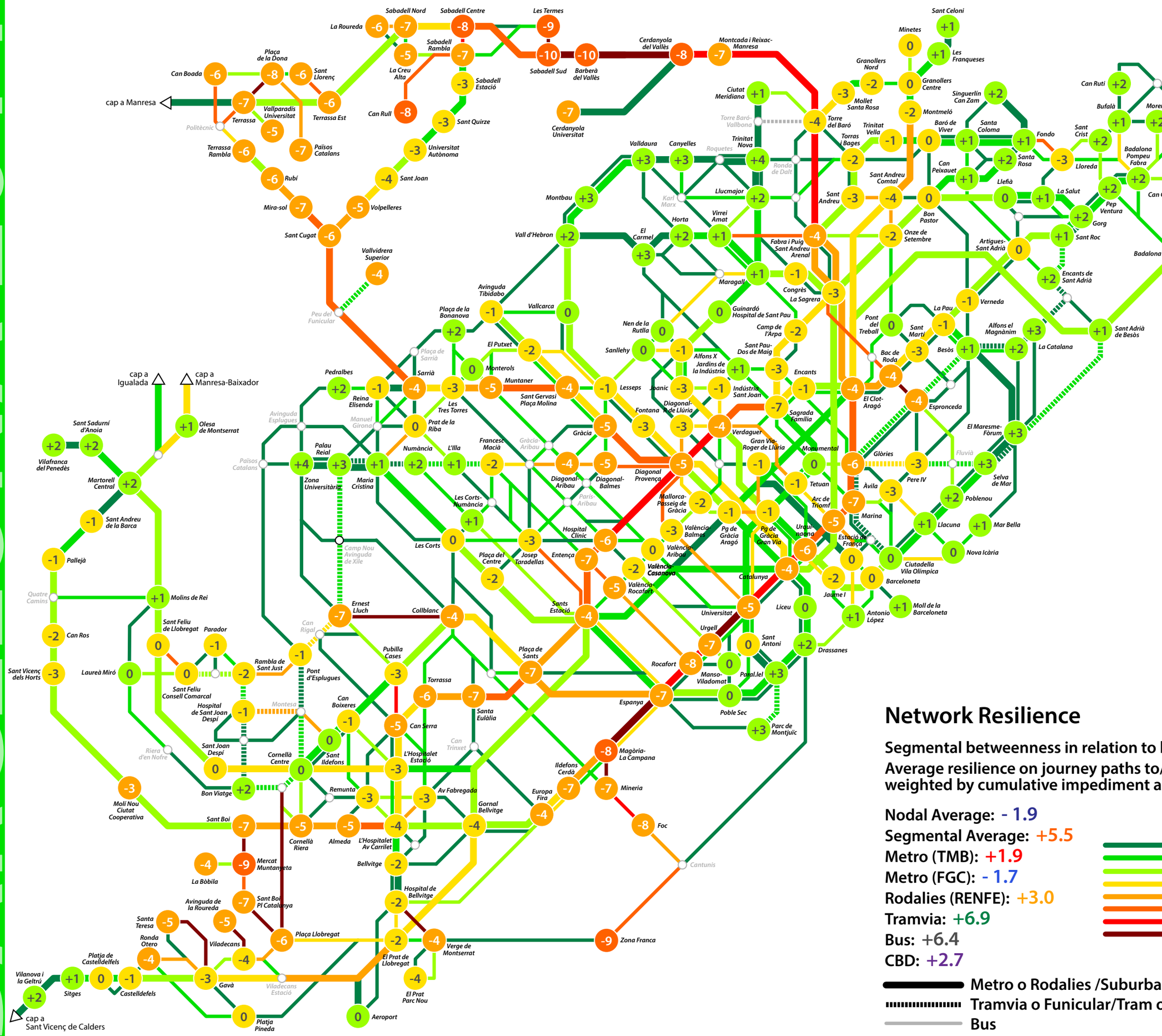
BARCELONA 2011

SIMULATIMOBIL 2.3

spatial network analysis for multimodal urban transport systems



Network Resilience

Segmental betweenness in relation to level of service

Average resilience on journey paths to/from node, weighted by cumulative impediment and number of activities

Nodal Average: - 1.9
Segmental Average: +5.5
Metro (TMB): +1.9
Metro (FGC): - 1.7
Rodalies (RENFE): +3.0
Tramvia: +6.9
Bus: +6.4
CBD: +2.7

+8/+12	High Resilience
+4/+8	
0/+4	
0/-4	
-4/-8	
-8/-12	
-12/-16	
<-16	Low Resilience

Metro o Rodalies /Suburban Rail
Tramvia o Funicular/Tram or Cable Car
Bus