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| Supplementary Table 1. Network metrics. | |
| Type | **Inference** |
| clustering coefficient | segregation measure |
| char. path length | integration measure |
| small-worldness | measure of optimal organization |
| connectivity | measure of connectedness |
| degree | number of neighbors connected to a node |
| betweenness centrality | quantifies the importance of a node |
| eccentricity | central/peripheral indicator of a node |
| diameter | maximum eccentricity (longest shortest path) |
| radius | minimum eccentricity (smallest shortest path) |
| leaf fraction | fraction of nodes with degree equal to one |
| tree-hierarchy | quantifies overloadness |
| kappa | measure of the broadness of the degree distribution |
| degree correlation | influence of node’s degree by its neighbors |