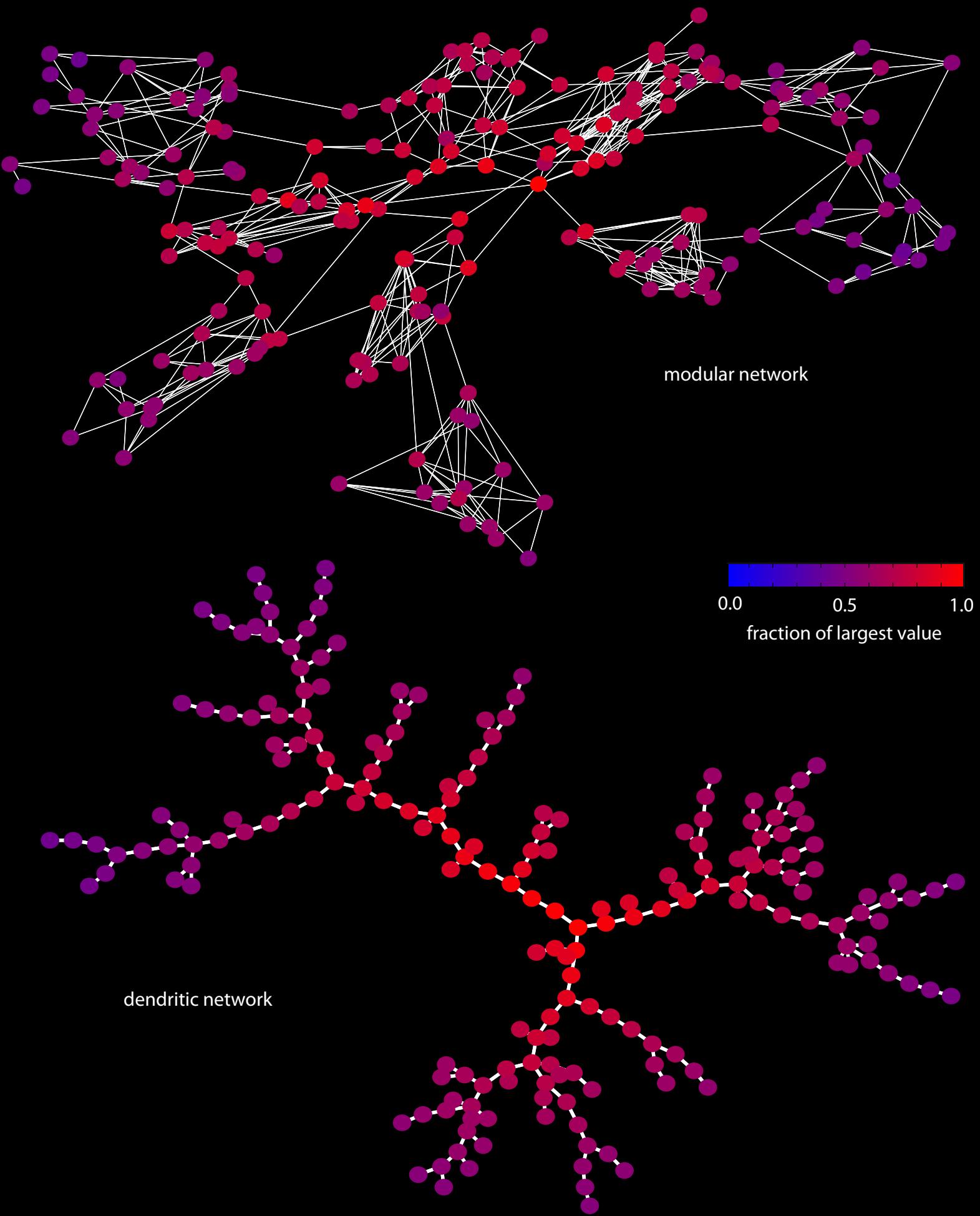
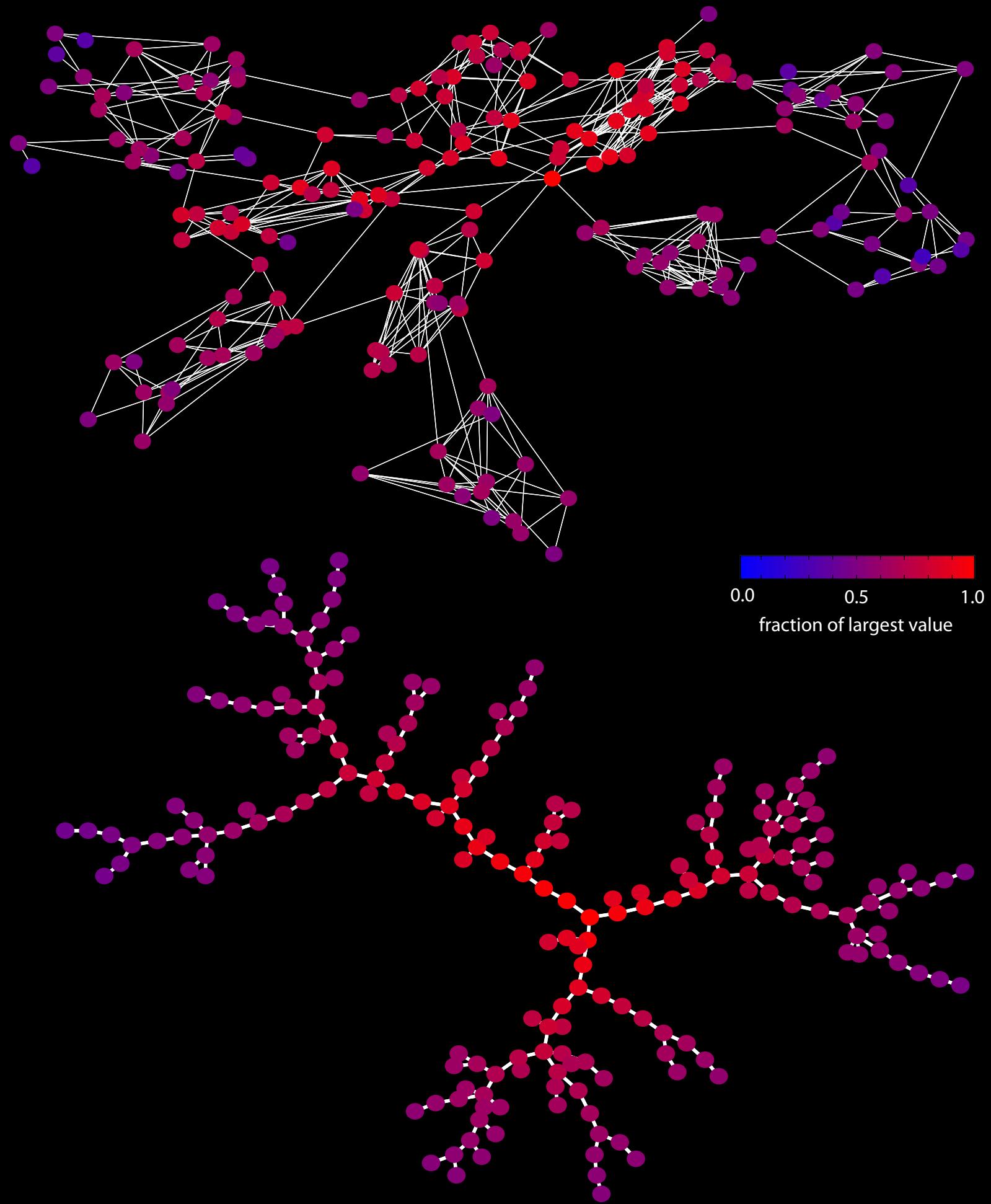


Appendix 1: Fig. S1a–d and Fig. S2a–g.

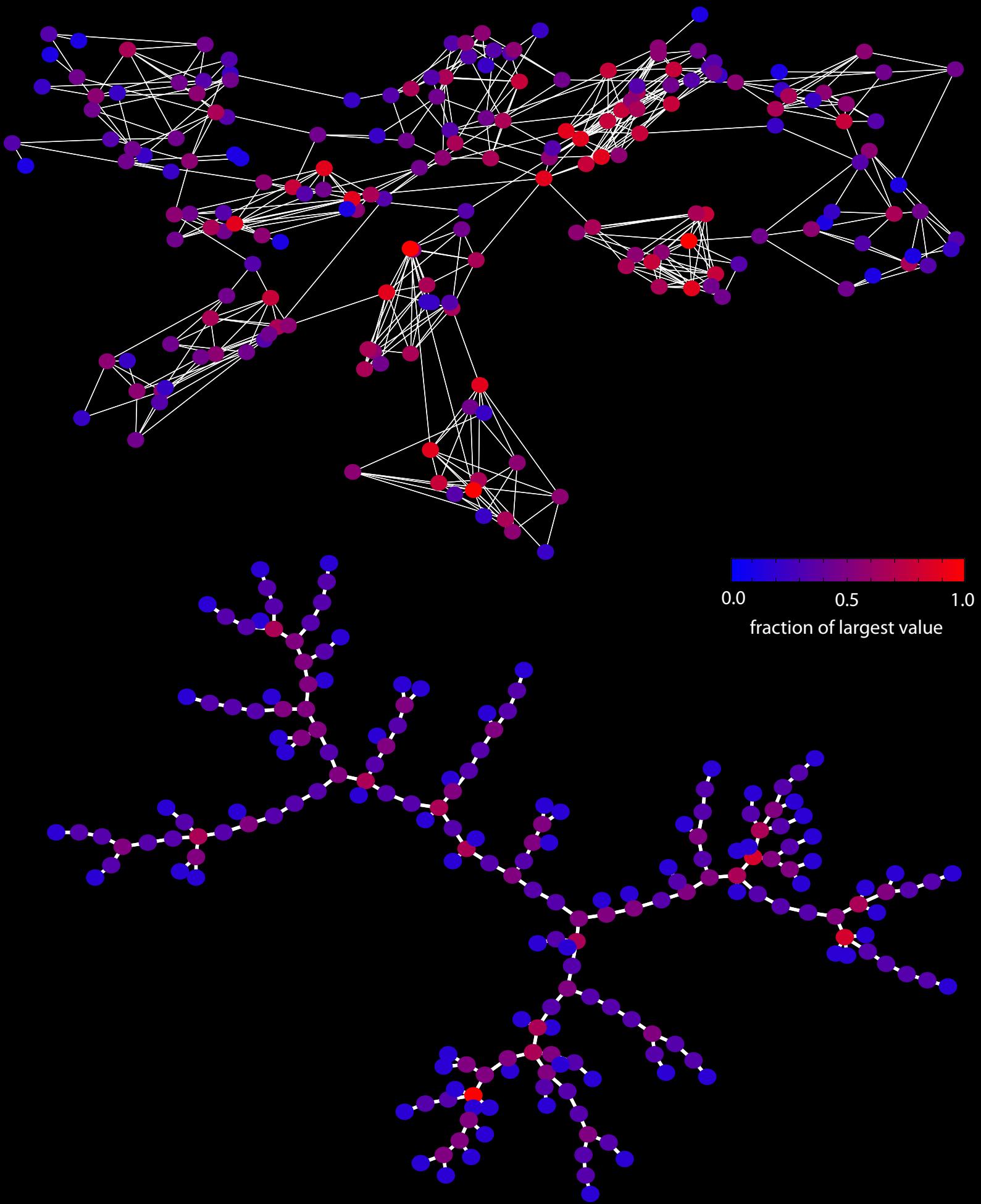
S1a: Geodesic Closeness Centrality



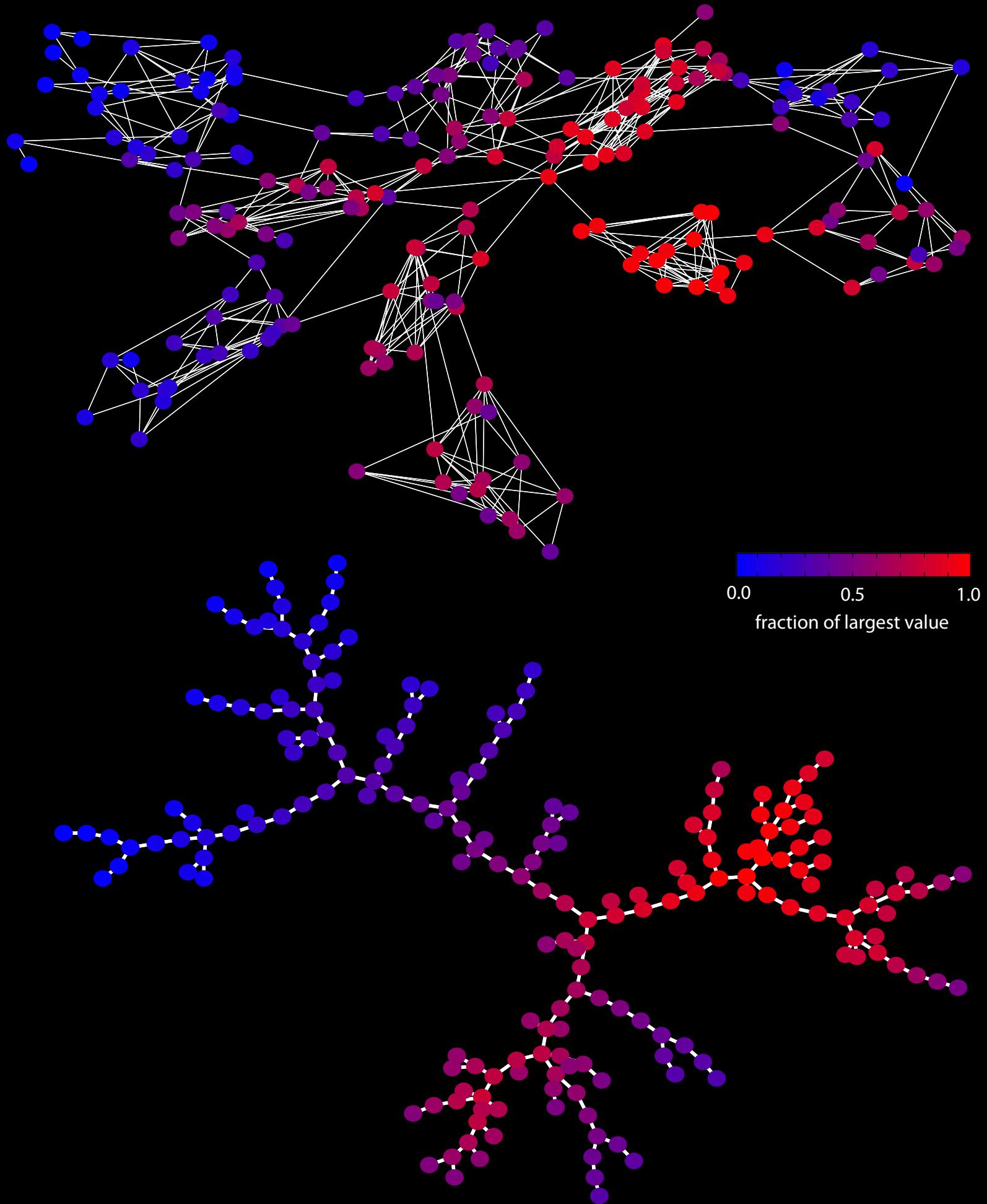
S1b: Resistance Closeness Centrality



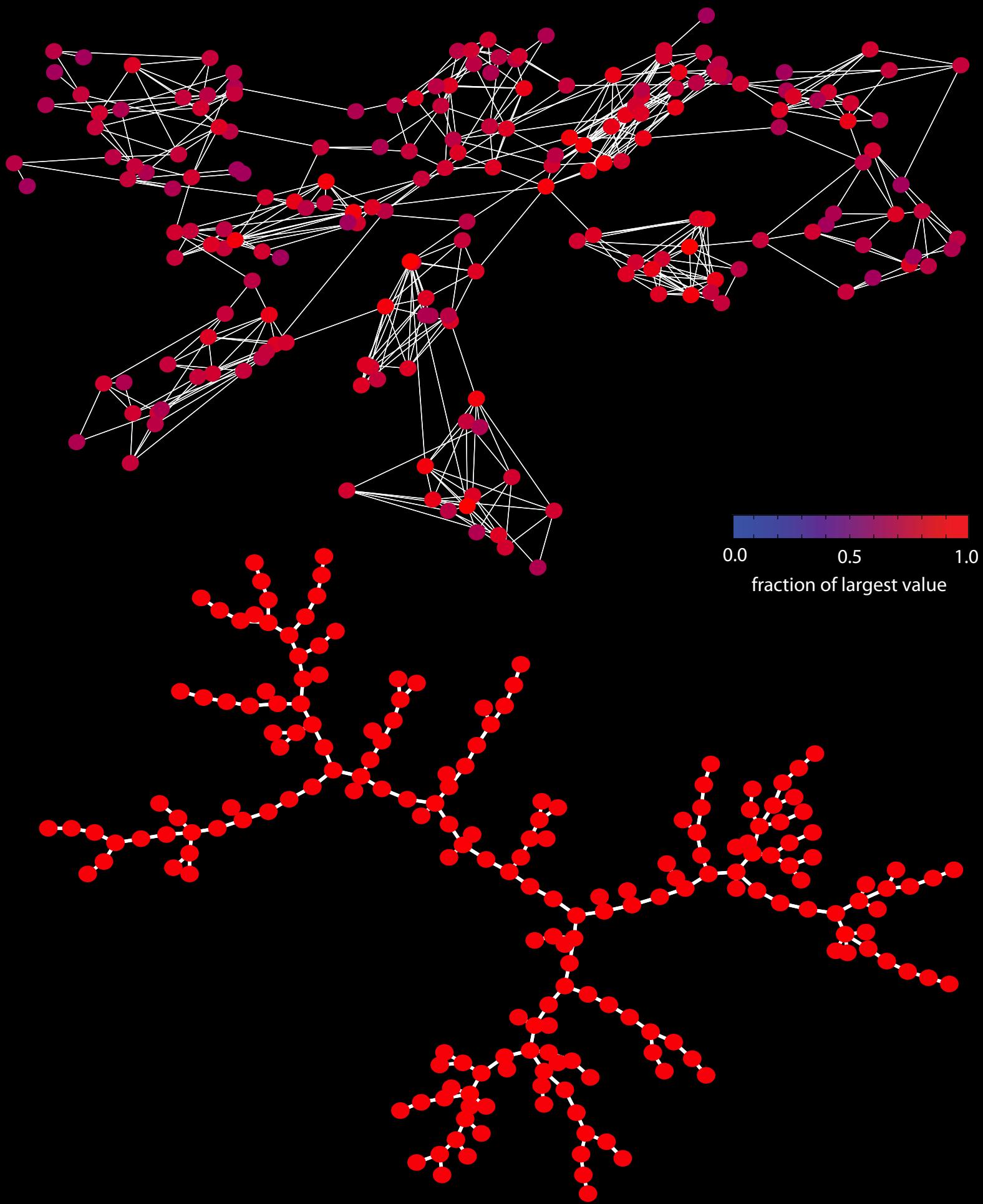
S1c: Degree Centrality



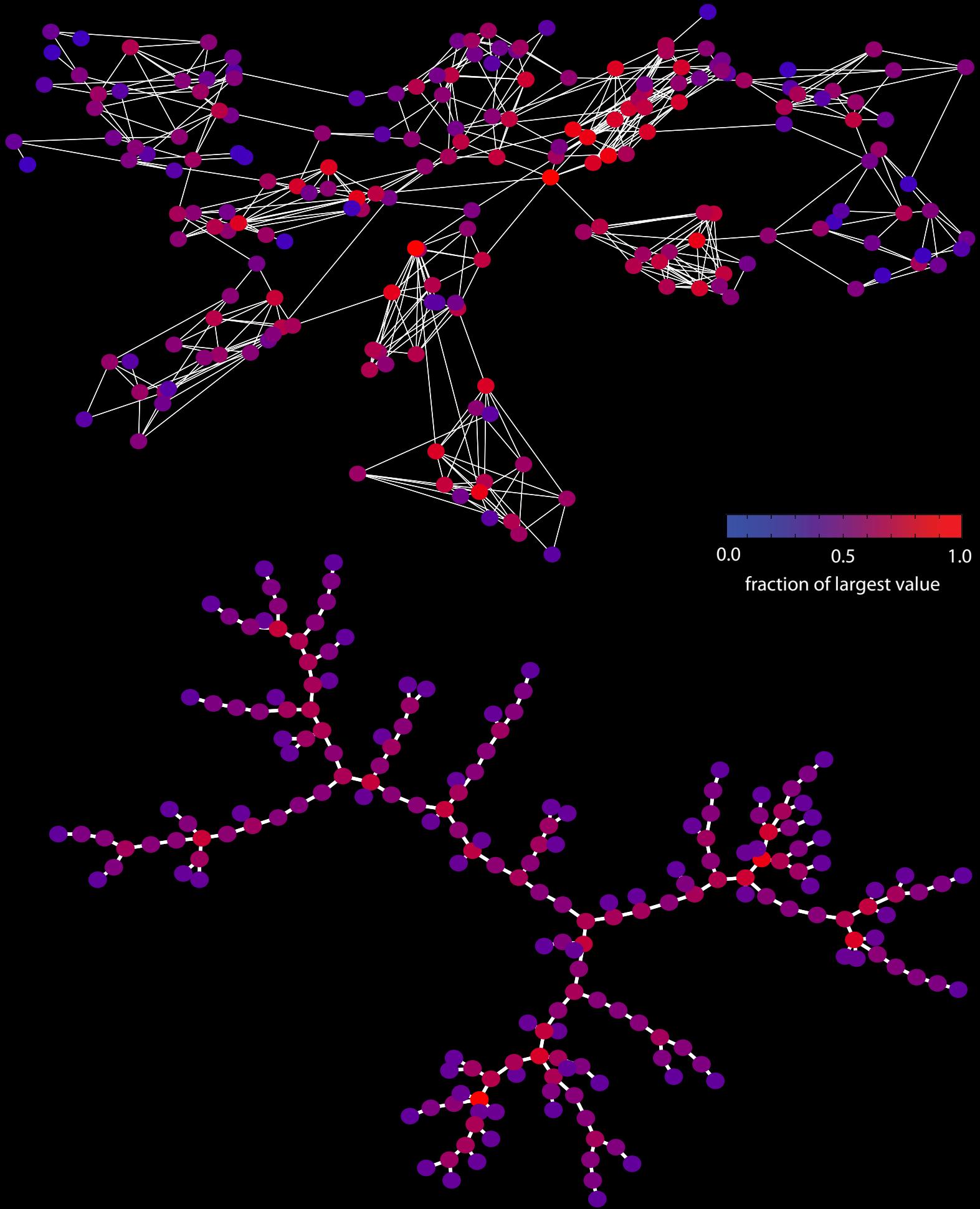
S1d: Eigenvector Centrality (rank)



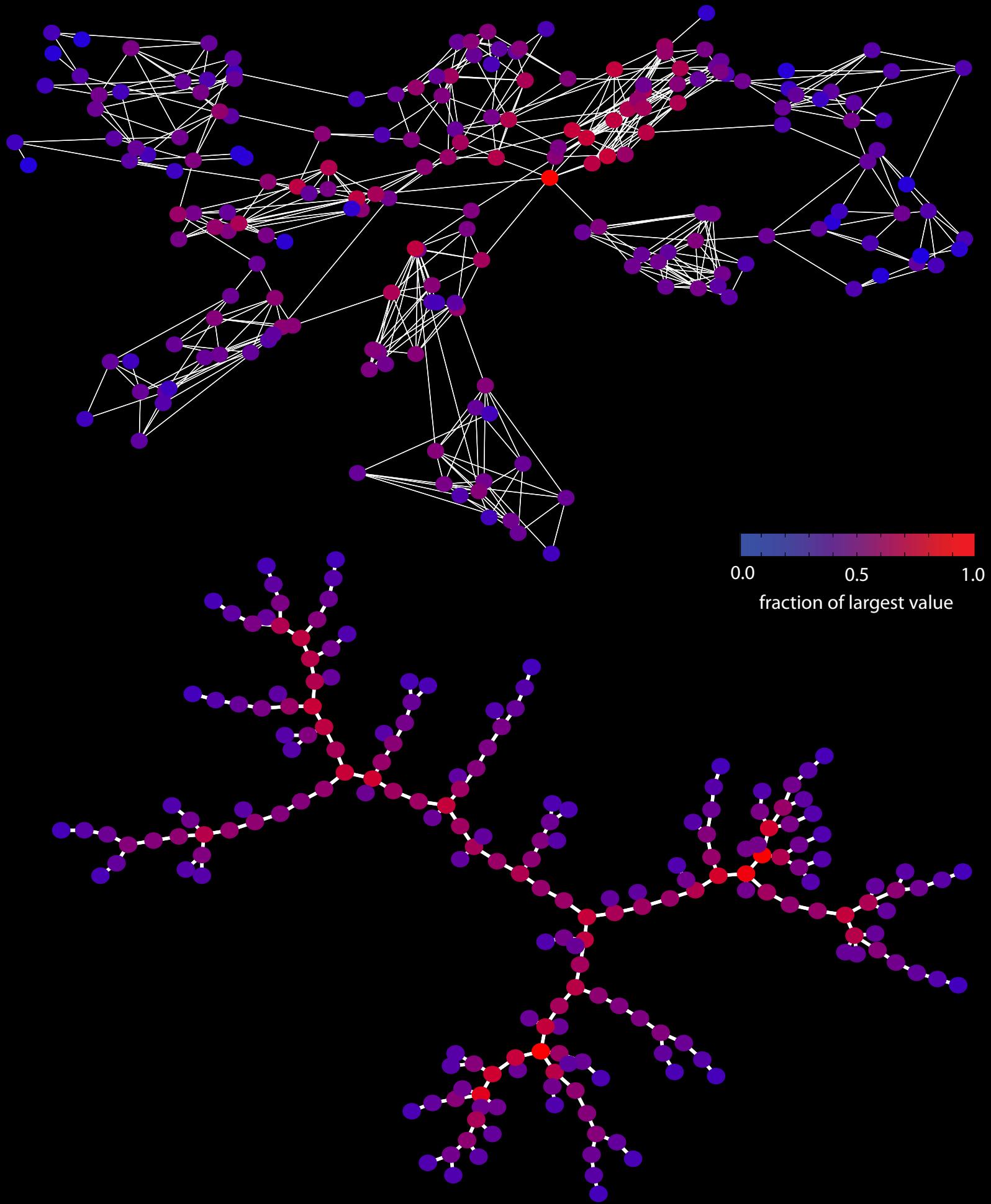
S2b: Equilibrium local (alpha) diversity at $m=1\times 10^{-6}$, $v=1\times 10^{-5}$



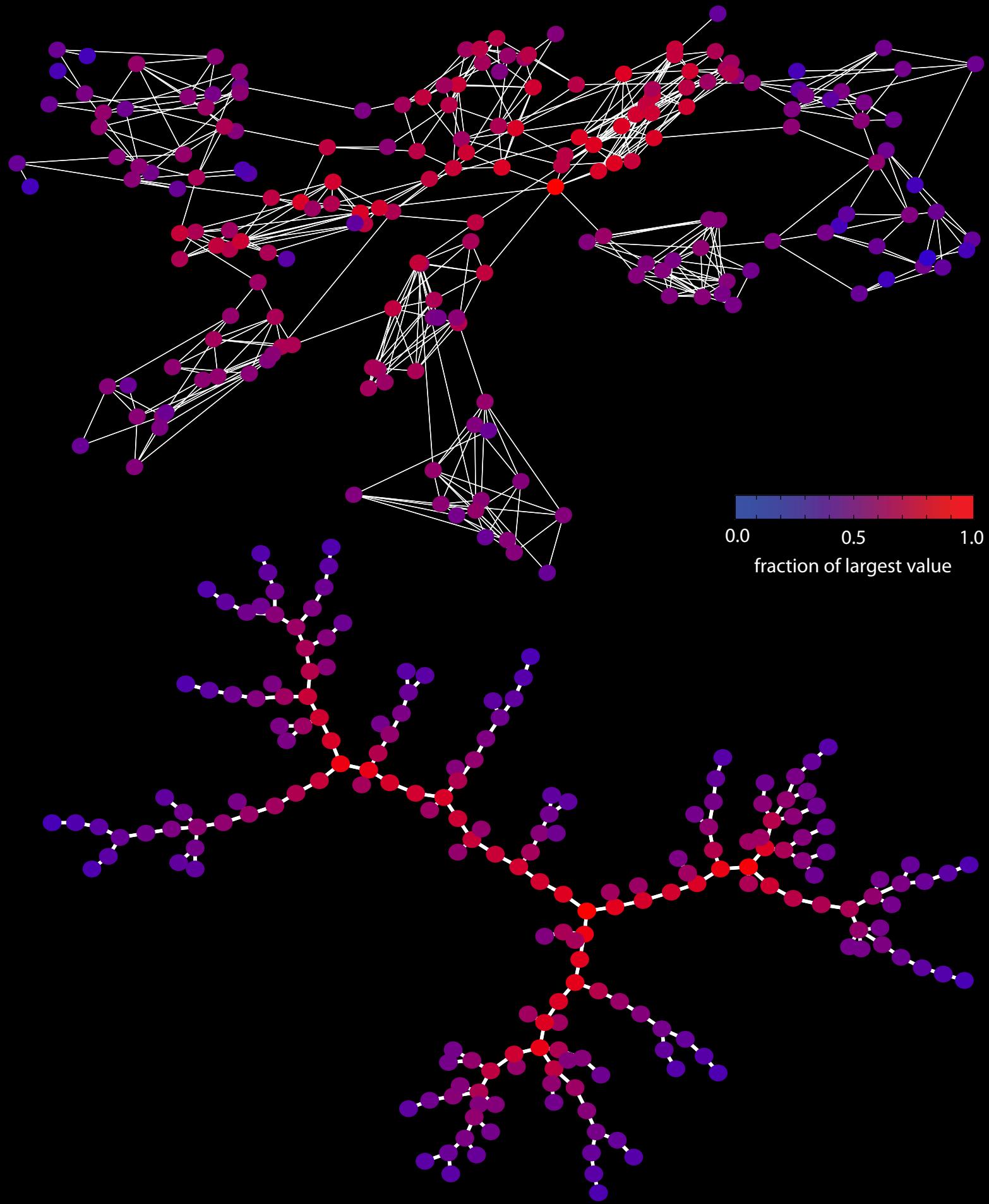
S2b: Equilibrium local (alpha) diversity at $m=1\times 10^{-5}$, $v=1\times 10^{-5}$



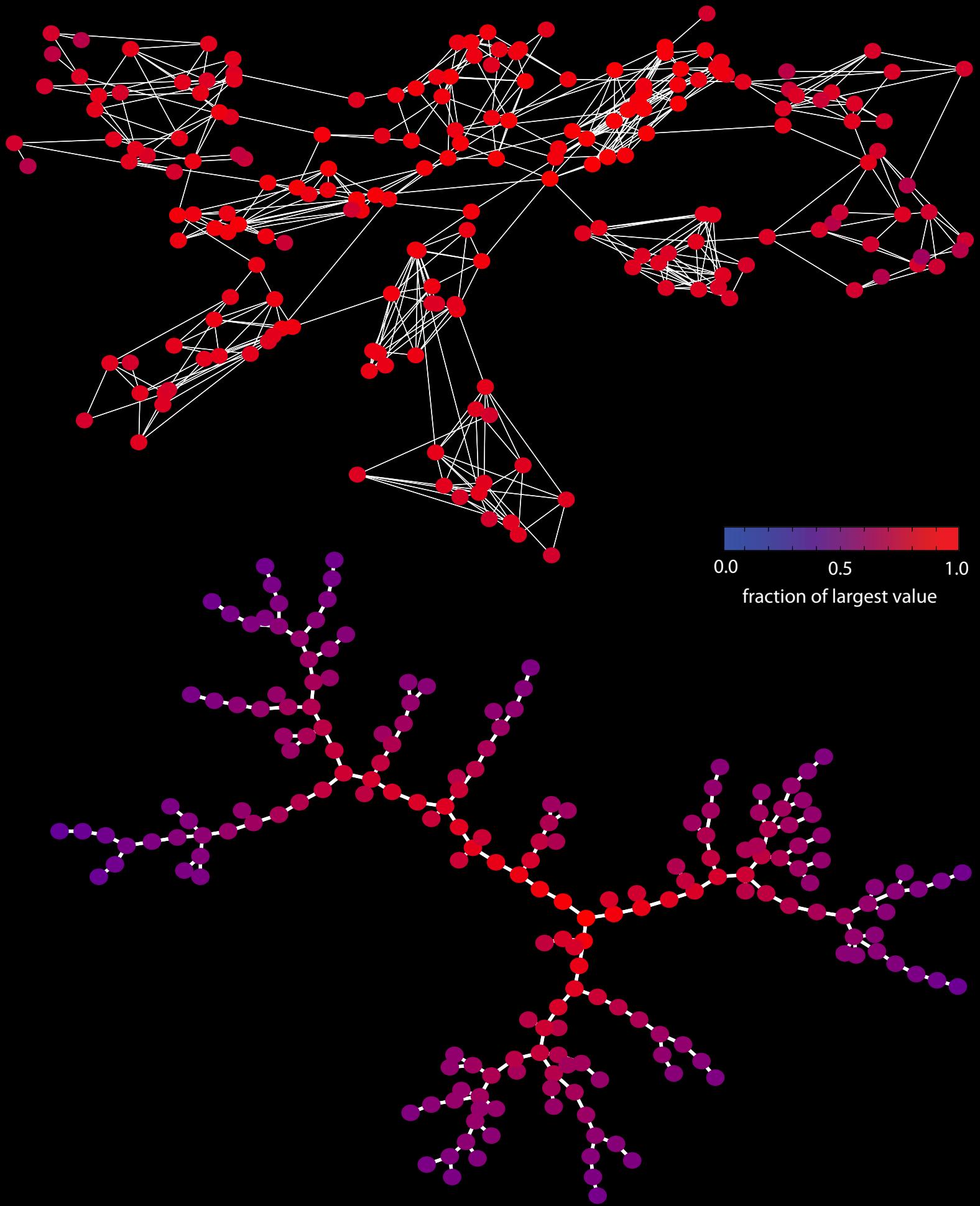
S2b: Equilibrium local (alpha) diversity at $m=1\times 10^{-4}$, $v=1\times 10^{-5}$



S2e: Equilibrium local (alpha) diversity at $m=1\times 10^{-3}$, $v=1\times 10^{-5}$



S2f: Equilibrium local (alpha) diversity at $m=1\times 10^{-2}$, $v=1\times 10^{-5}$



S2g: Equilibrium local (alpha) diversity at $m=1\times 10^{-1}$, $v=1\times 10^{-5}$

