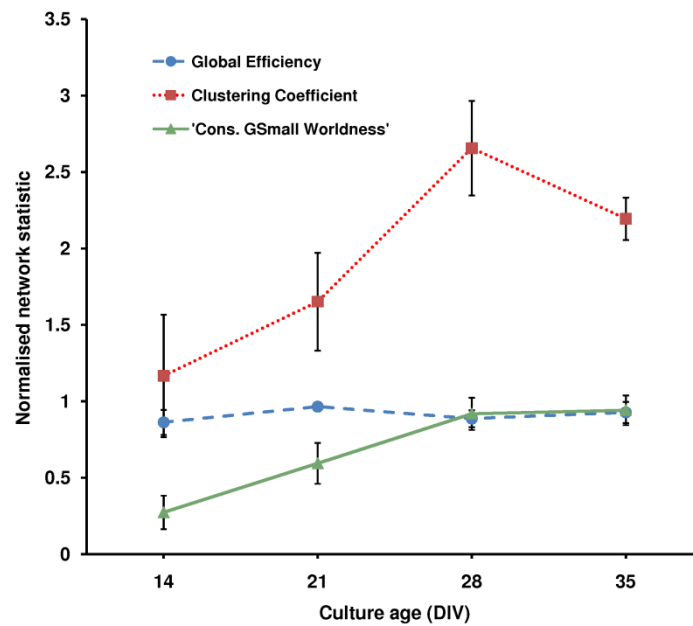


Global efficiency based small-worldness



Global efficiency, clustering coefficient and conservative global-efficiency based 'small-worldness' of persistent networks as a function of culture age.

Averages ($n = 4-6$), were normalized as follows: Global efficiency (E) and clustering coefficient (C) were normalized against the expected value from an equivalent population of random networks ($n = 50$), therefore clustering coefficient is the same as in Figure 3 main text. Small-worldness was calculated conservatively as $(C_{\text{real}} / C_{\text{lattice}}) / (E_{\text{real}} / E_{\text{rand}})$. Error bars represent \pm s.e.m. The global efficiency-based small-worldness increased with culture age (as per the mean path length based small-worldness).