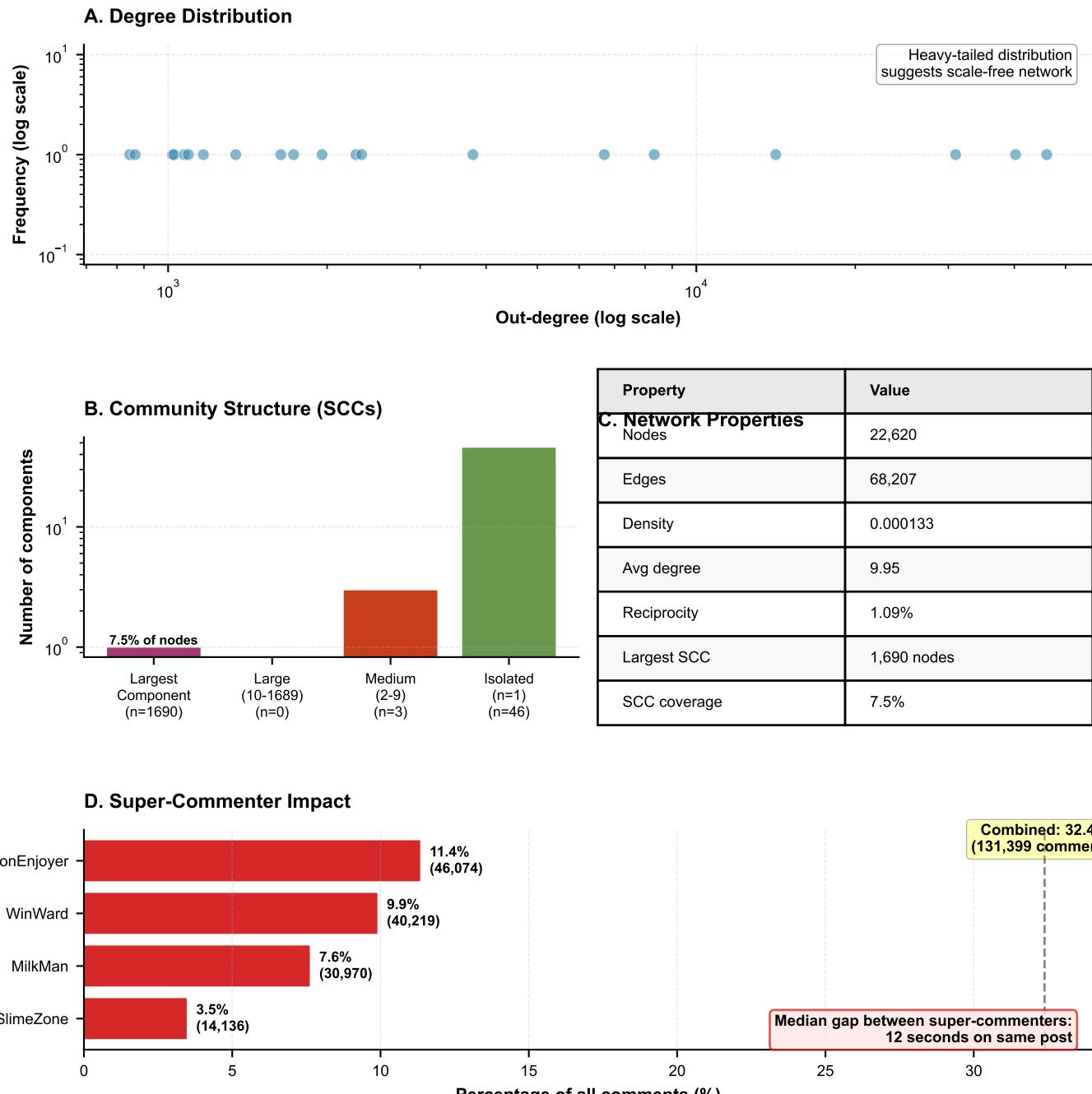


Supplementary Figure S2: Comment Network Structure and Super-Commenter Impact



Network analysis reveals a scale-free structure with heavy-tailed degree distribution (A), sparse connectivity (density=0.0001), and low reciprocity (1.09%). The network consists of one large strongly connected component covering 7.5% of nodes (B-C). Four super-commenters produced 32% of all comments (D), with median 12-second timing gaps suggesting single-operator control.