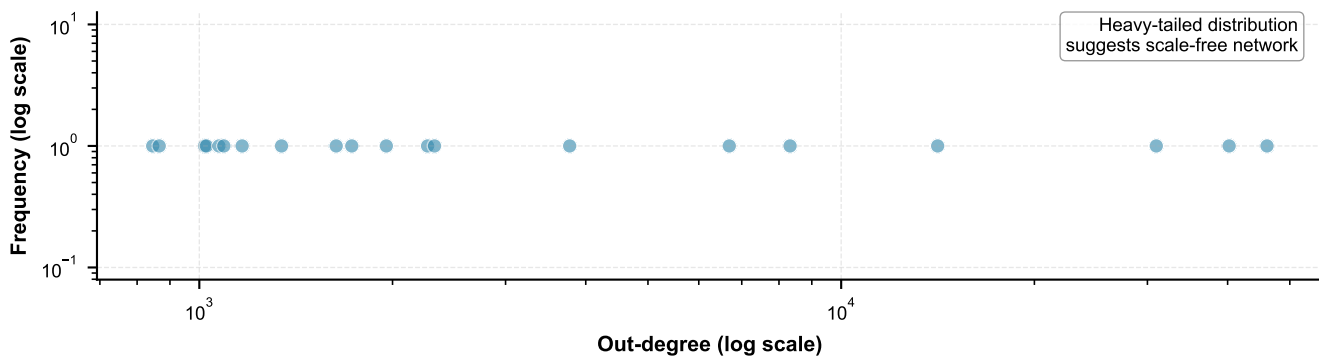
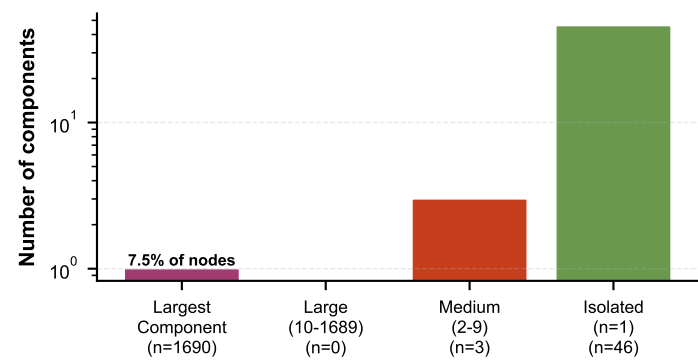


Supplementary Figure S2: Comment Network Structure and Super-Commenter Impact

A. Degree Distribution



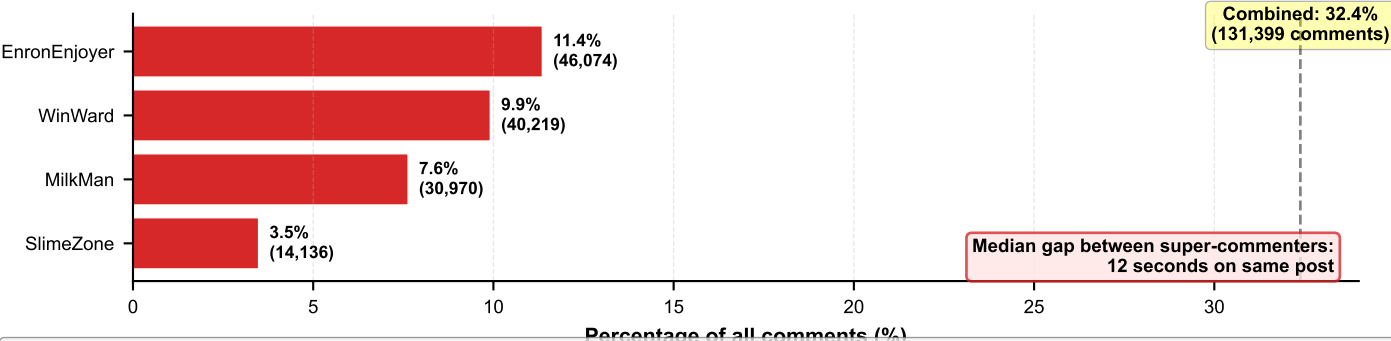
B. Community Structure (SCCs)



C. Network Properties

Property	Value
Nodes	22,620
Edges	68,207
Density	0.000133
Avg degree	9.95
Reciprocity	1.09%
Largest SCC	1,690 nodes
SCC coverage	7.5%

D. 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.