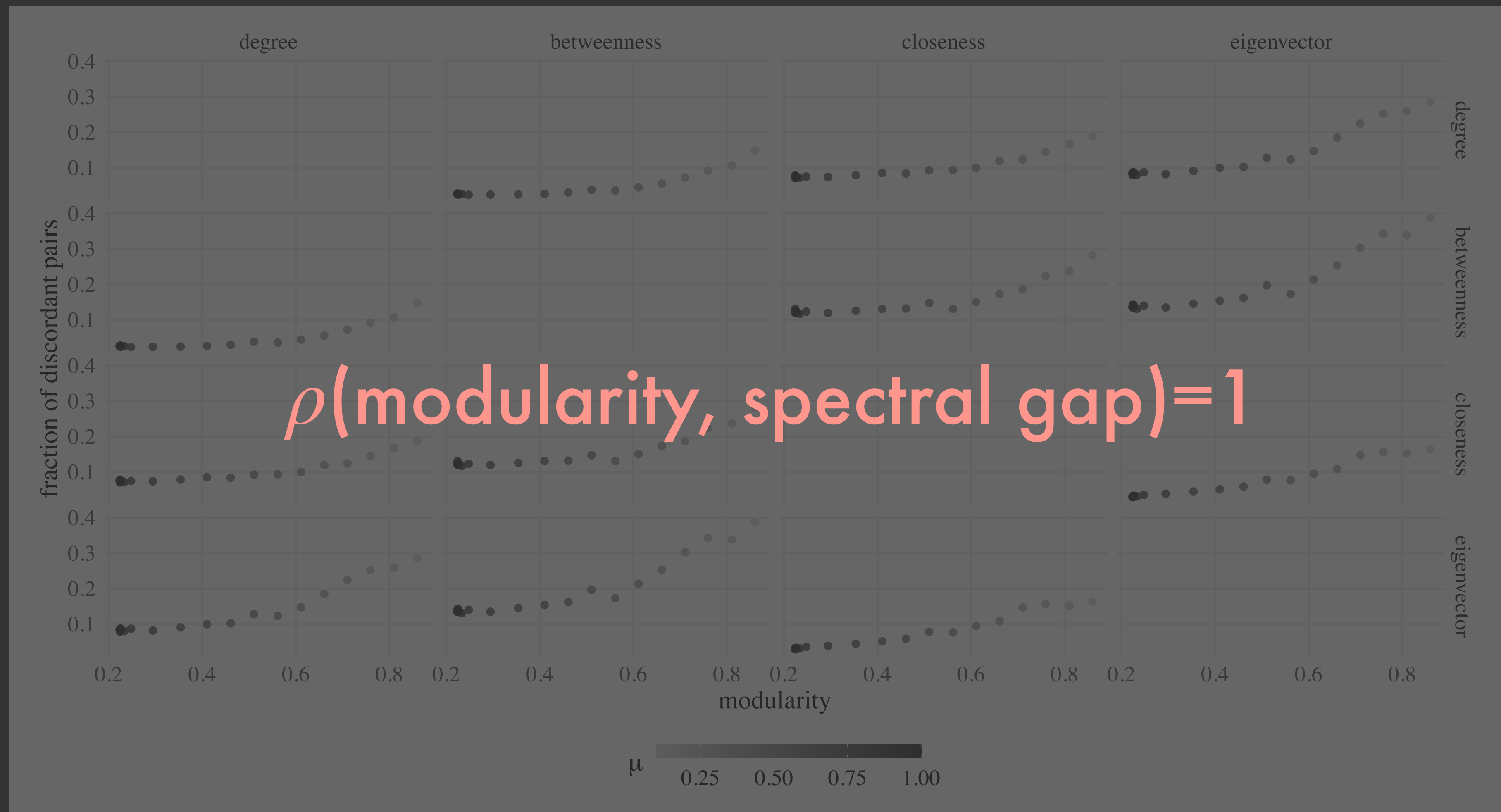


$\rho(\text{modularity, spectral gap}) = 1$

clustered graphs: LFR benchmark graphs

connection between modularity and rank dissimilarities between indices?



fragmented networks: $\mu \sim 0$

no cluster structure: $\mu \sim 1$

constructing networks with high discordance