goodness of fit tests

some results:

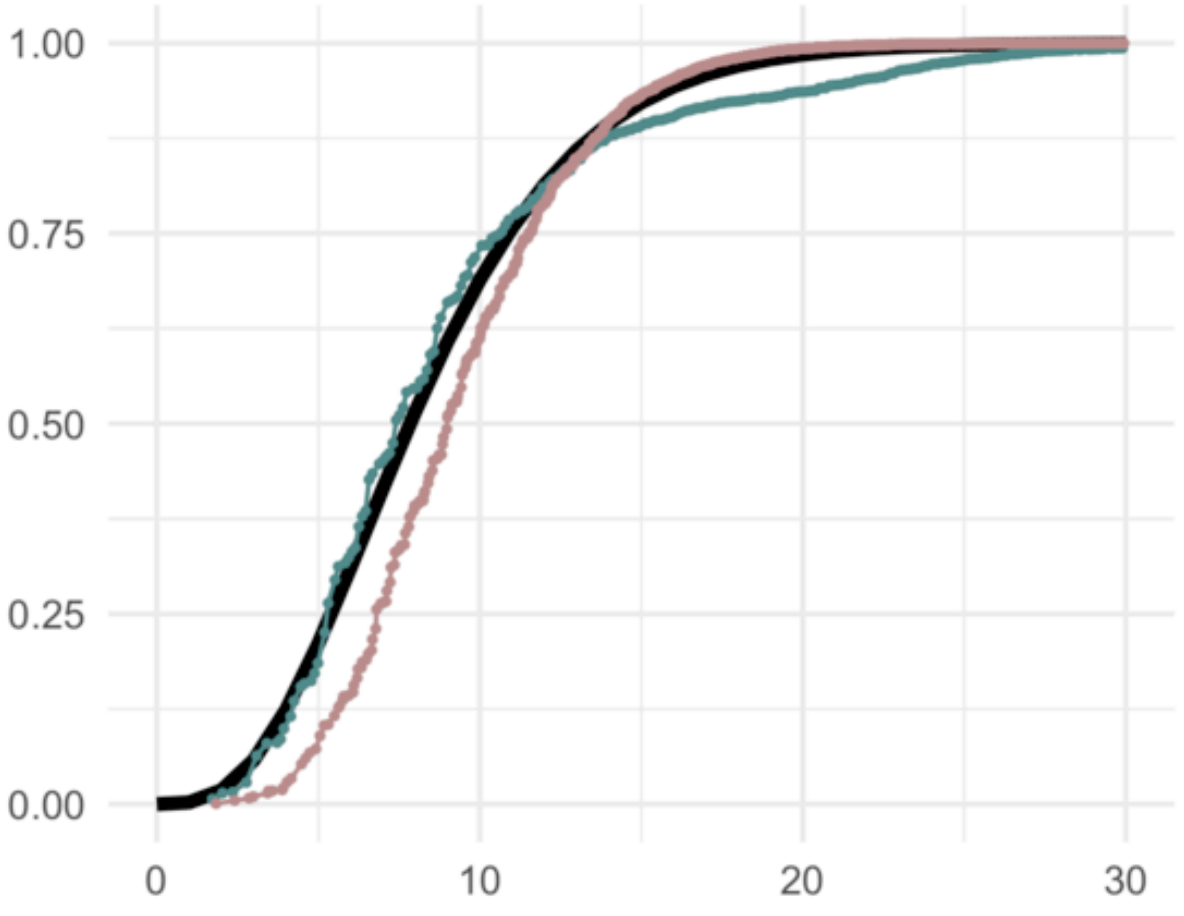
- ☑ even for very small *m*, null distributions of test statistics under IEA model are well approximated by asymptotic distributions
- ☑ the convergence of the cdf's of test statistics are rapid and depend on parameters in models

gof measures between observed and expected edge multiplicity sequence

test statistics:

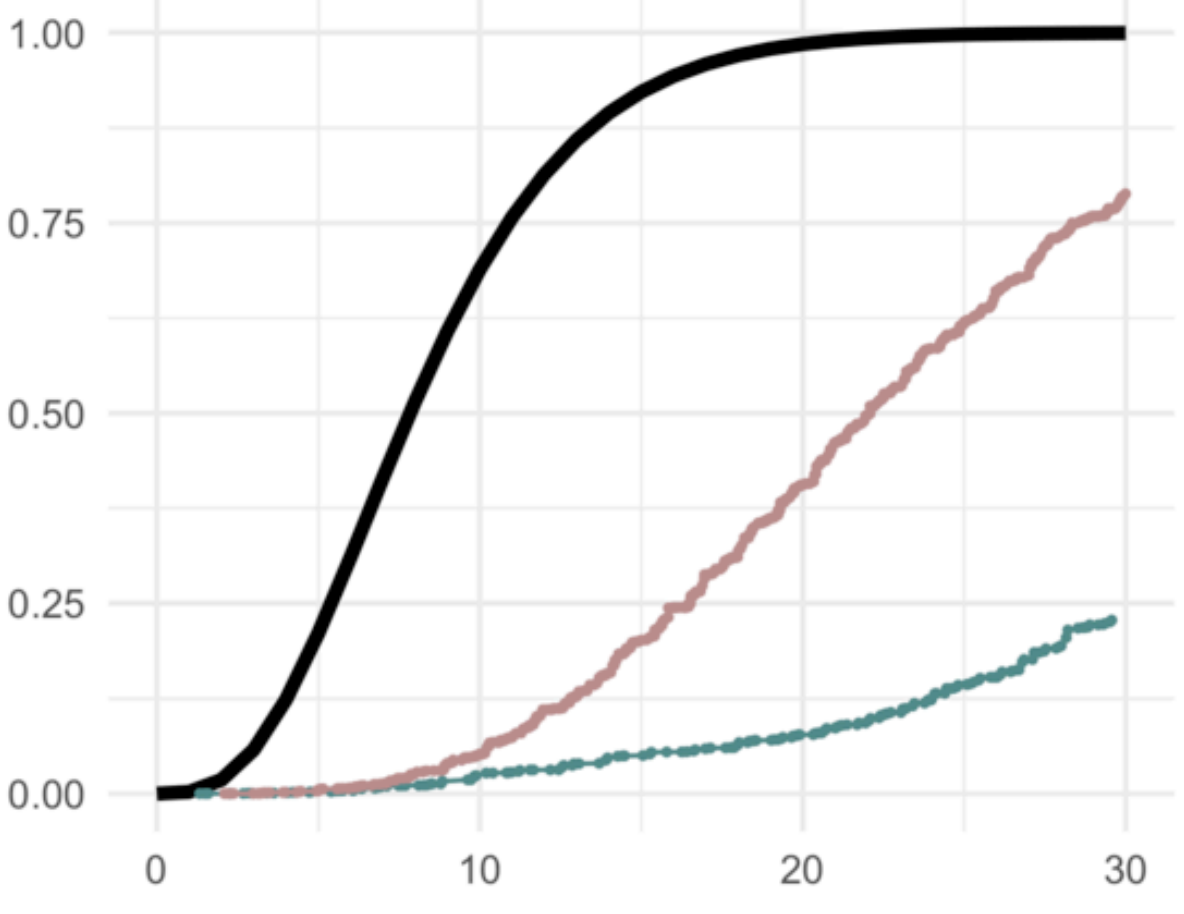
- ☑ S of Pearson type
- ☑ A of information divergence type

$\mathbf{d}_0 = \mathbf{d} = (6, 6, 6, 2)$



$\mathbf{d}_0 = (14, 2, 2, 2)$

$\mathbf{d} = (8, 8, 2, 2)$



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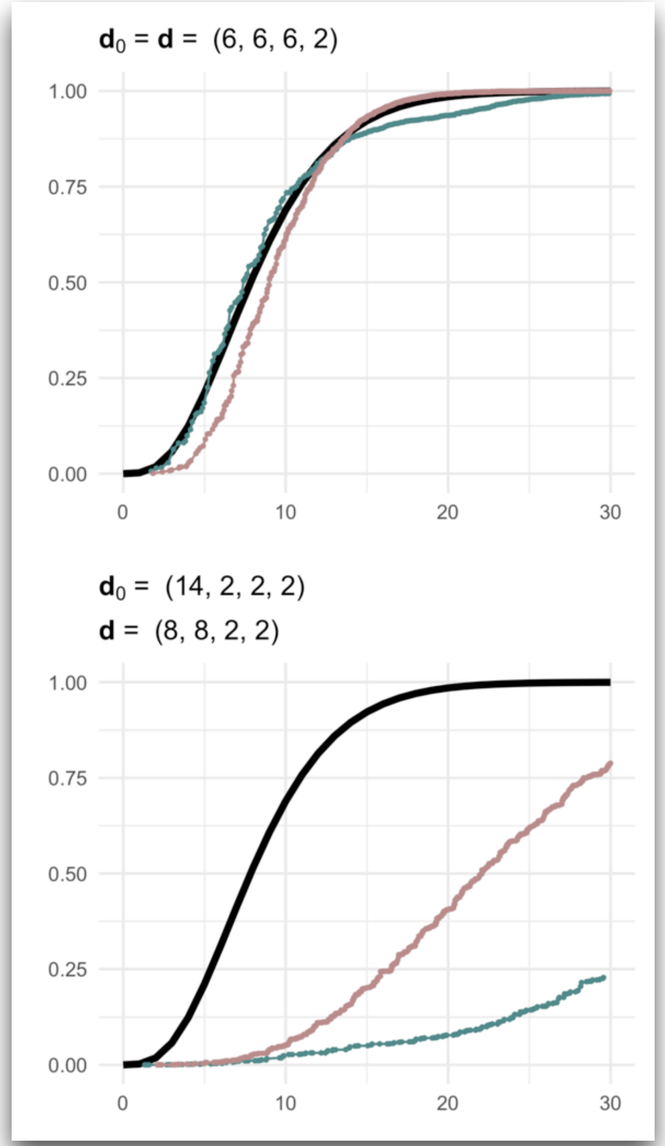
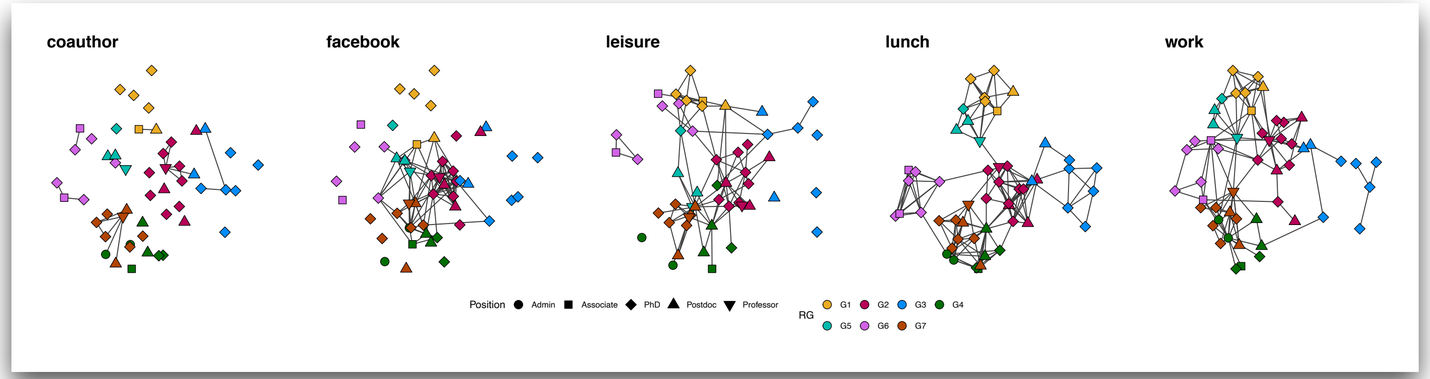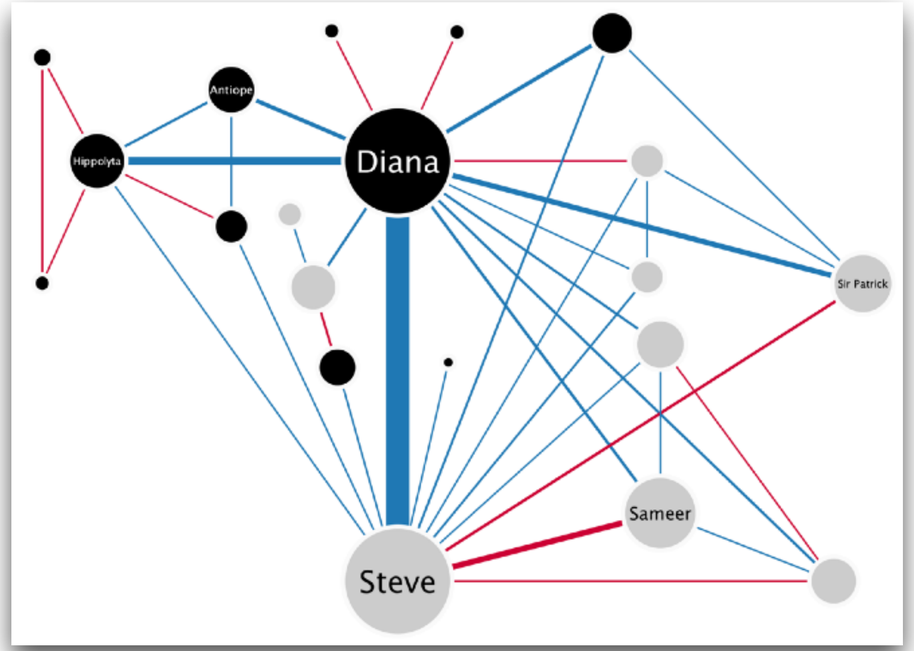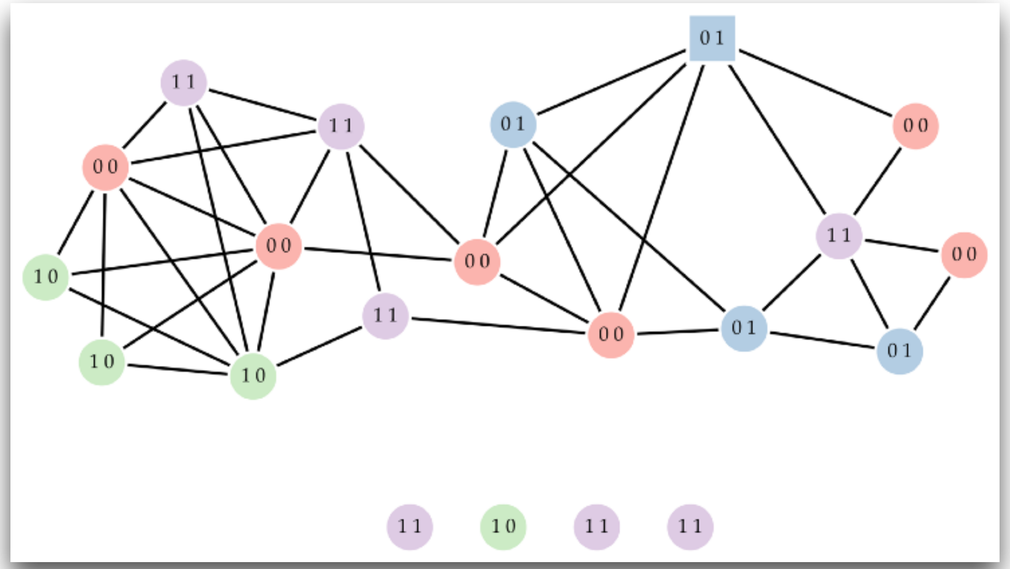
empirical examples