

First objective:

Show convergence. “Would be straightforward” way:
some sense of empirical eigenvectors (Note)

Theorem 2.2: $\lambda_1(L^{(n)}) \rightarrow \lambda_1(L)$ would
be sufficient to show convergence of $L^{(n)}$ to L .
Note: $\lambda_1(L^{(n)}) \rightarrow \lambda_1(L)$ would be sufficient to show convergence of $L^{(n)}$ to L .

Second objective: Theorem 3.1:

Show that $L^{(n)}$ converges to L in Frobenius norm.
Sufficiently small number of nodes.

Asymptotic recovery

Asymptotic recovery

Asymptotic recovery

Davis-Kahan)