

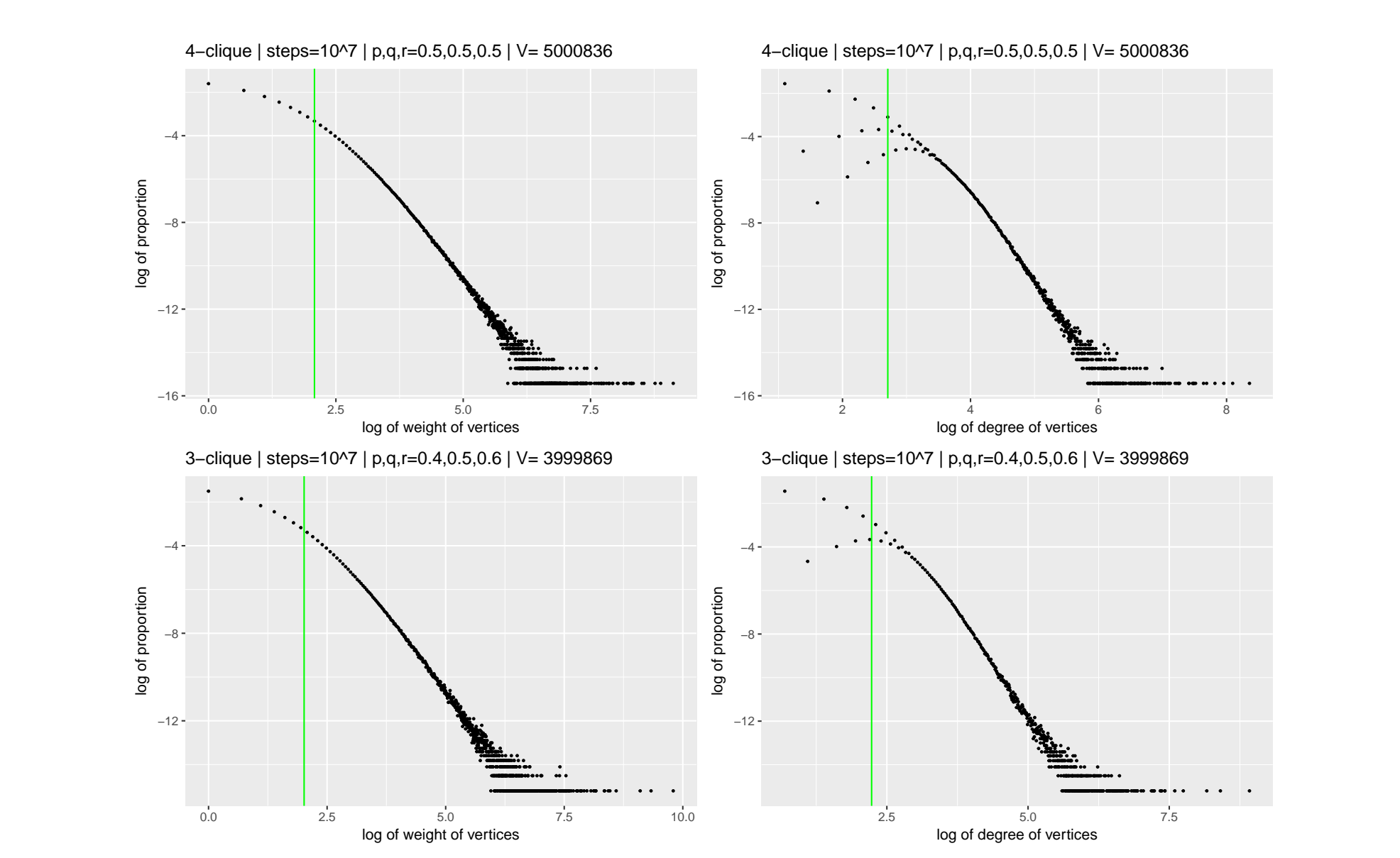
A comparison of two interaction based random graph models

Cs.Noszály, N.Uzonyi
Faculty of Informatics, University of Debrecen

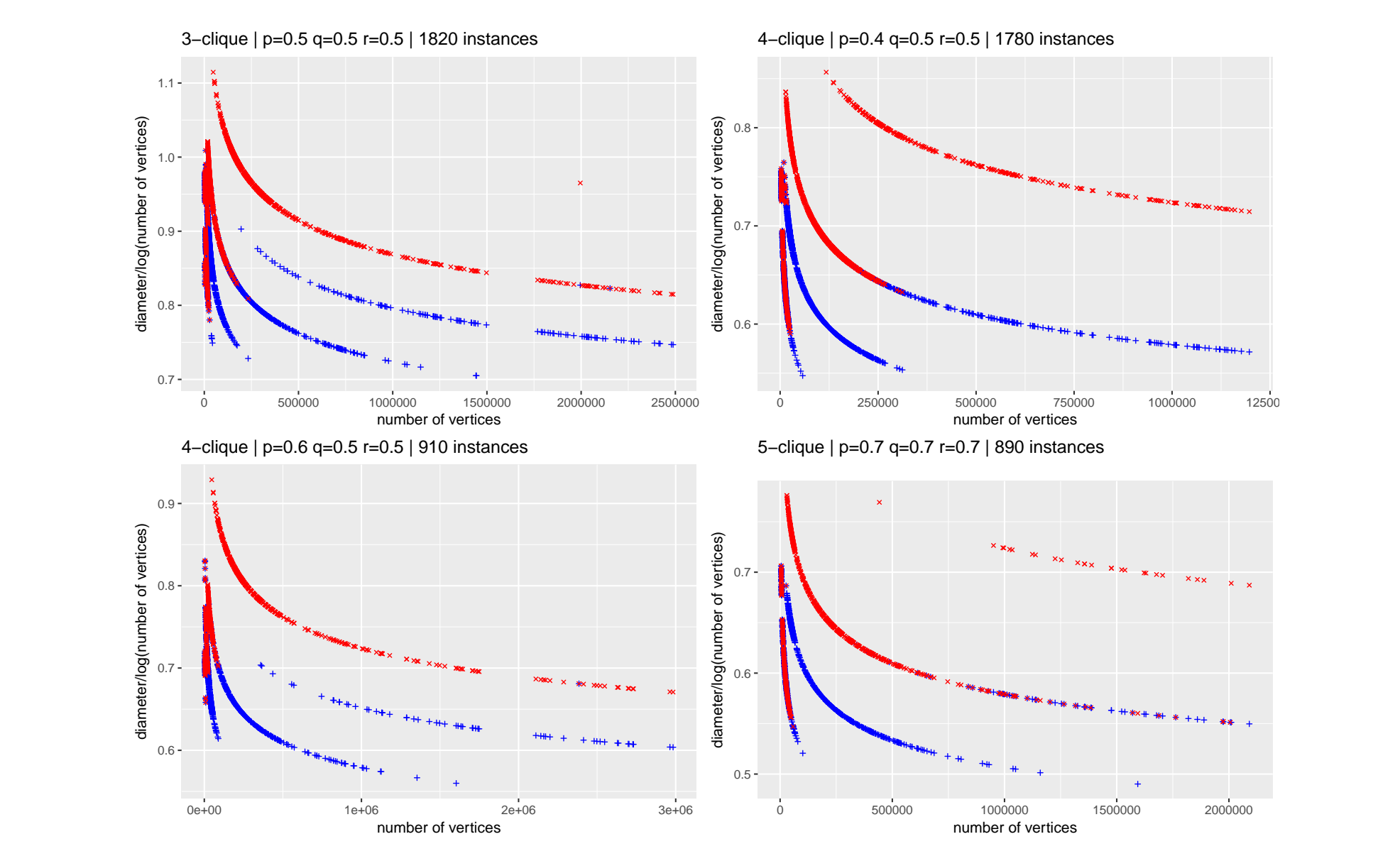
The N-clique model

Backhausz and Móri in [BM14] introduced a new class of random graphs based on interactions of three vertices.

Scale-free property

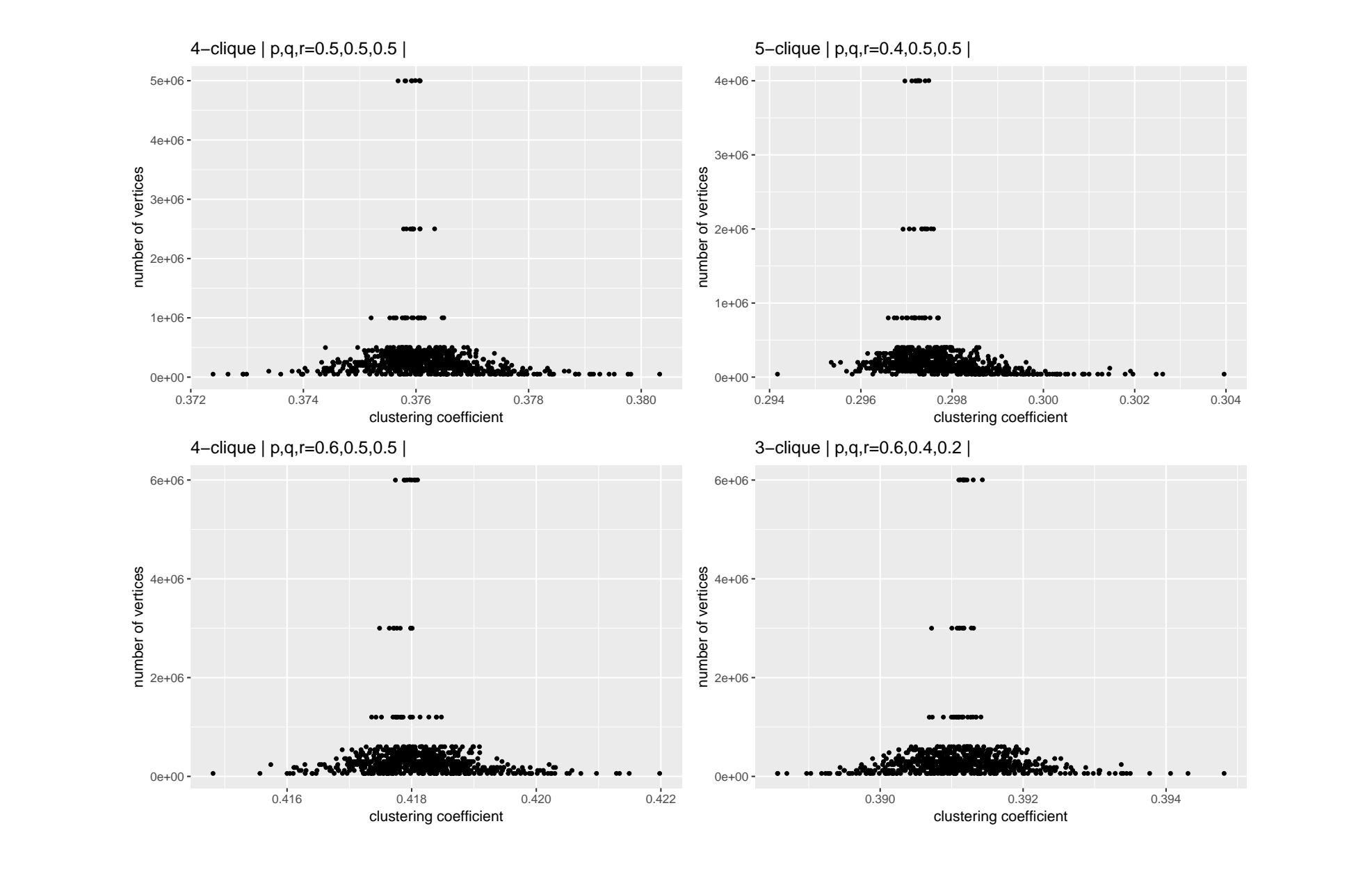


Small-world property



valami

Clustering coefficient

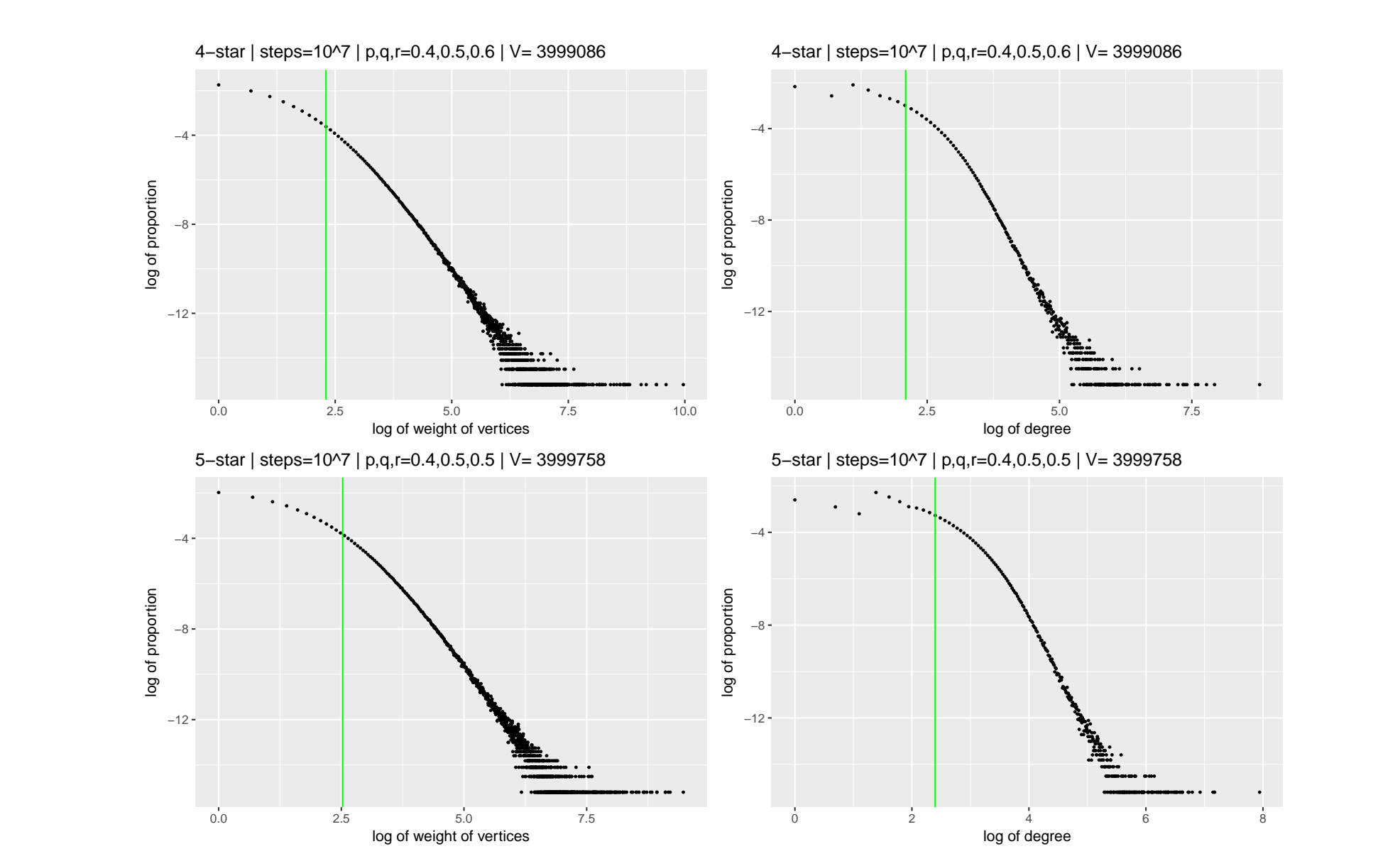


Methods

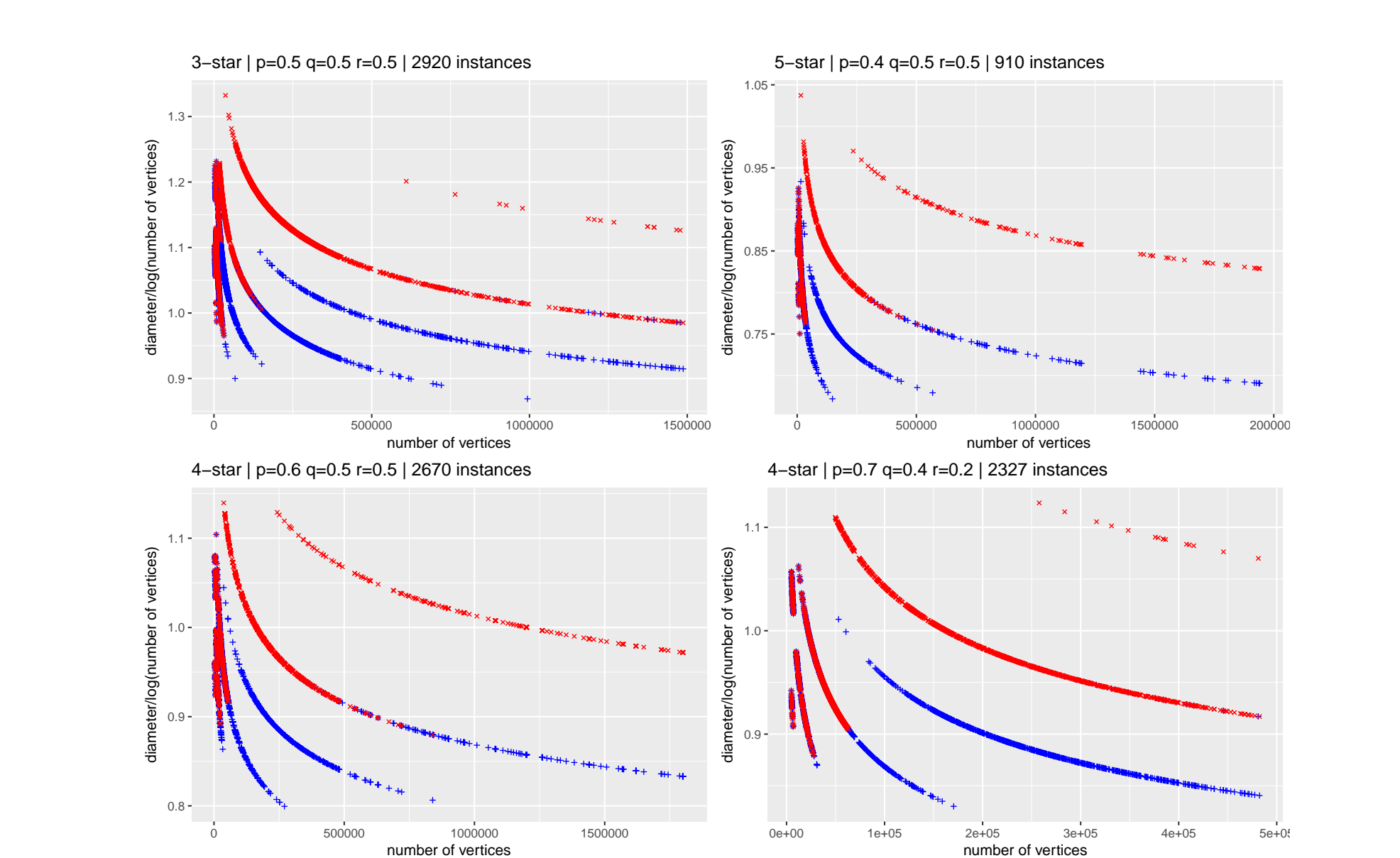
The N-star model

description

Scale-free property

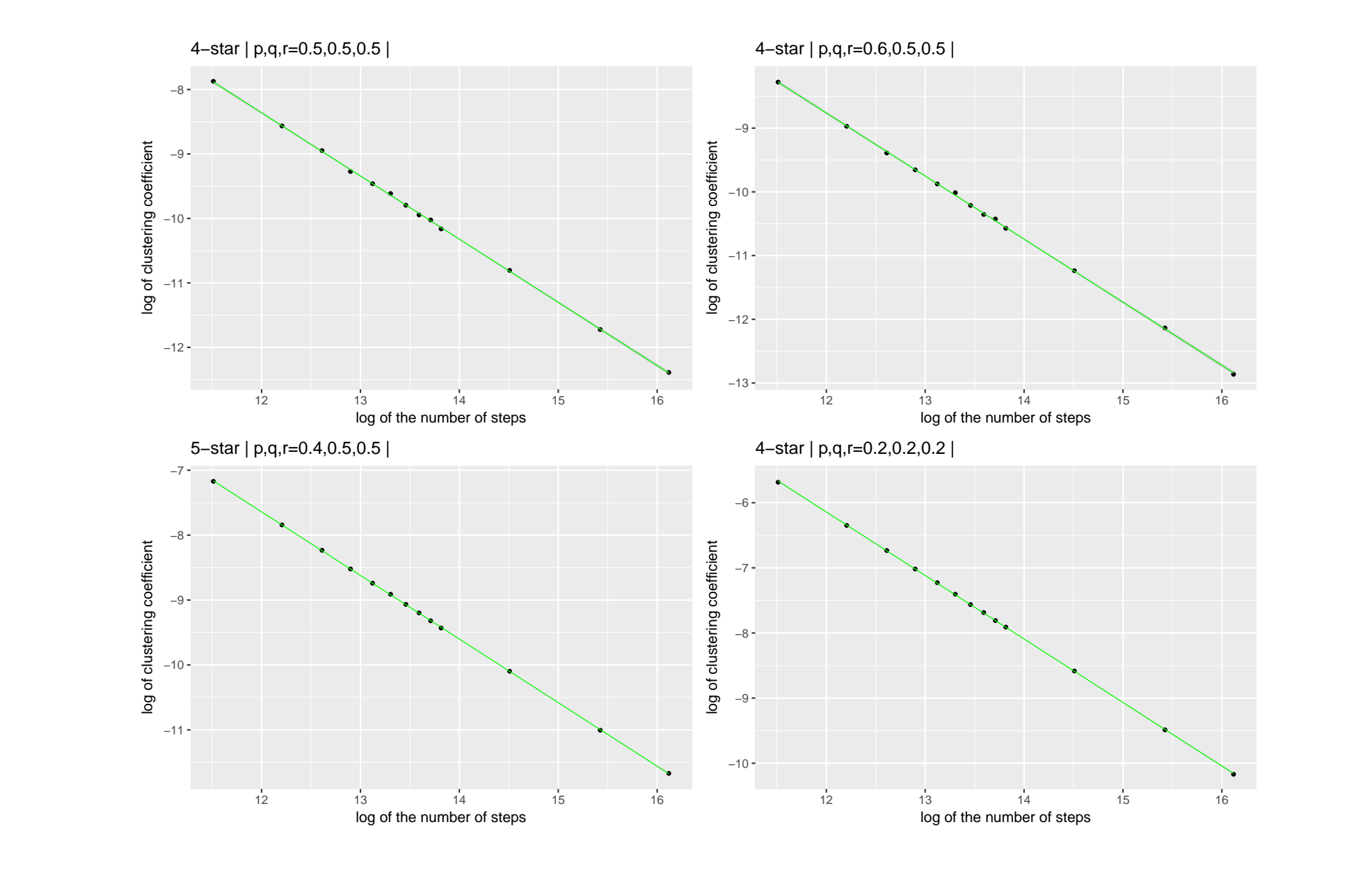


Small-world property



ref

Clustering coefficient



Methods

[BM14] Agnes Backhausz and Tamas F Mori. “Weights and degrees in a random graph model based on 3-interactions”. In: *Acta Math. Hungar.* 143 (2014), pp. 23–43.