Focus Degree Centrality

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$$F_C = \sum_{d=1}^m g(d) (o(d) - e(d))$$

where o(d) and e(d) are the observed and expected number of neighbors with the shortest paths d between center node v_c , and $g(d) = \exp(-d^2)$.

It considers not only the first-order degree (number of nodes connected to the center node), but also the higherorder degrees (number of nodes with the shortest paths to the center node larger than 1).

