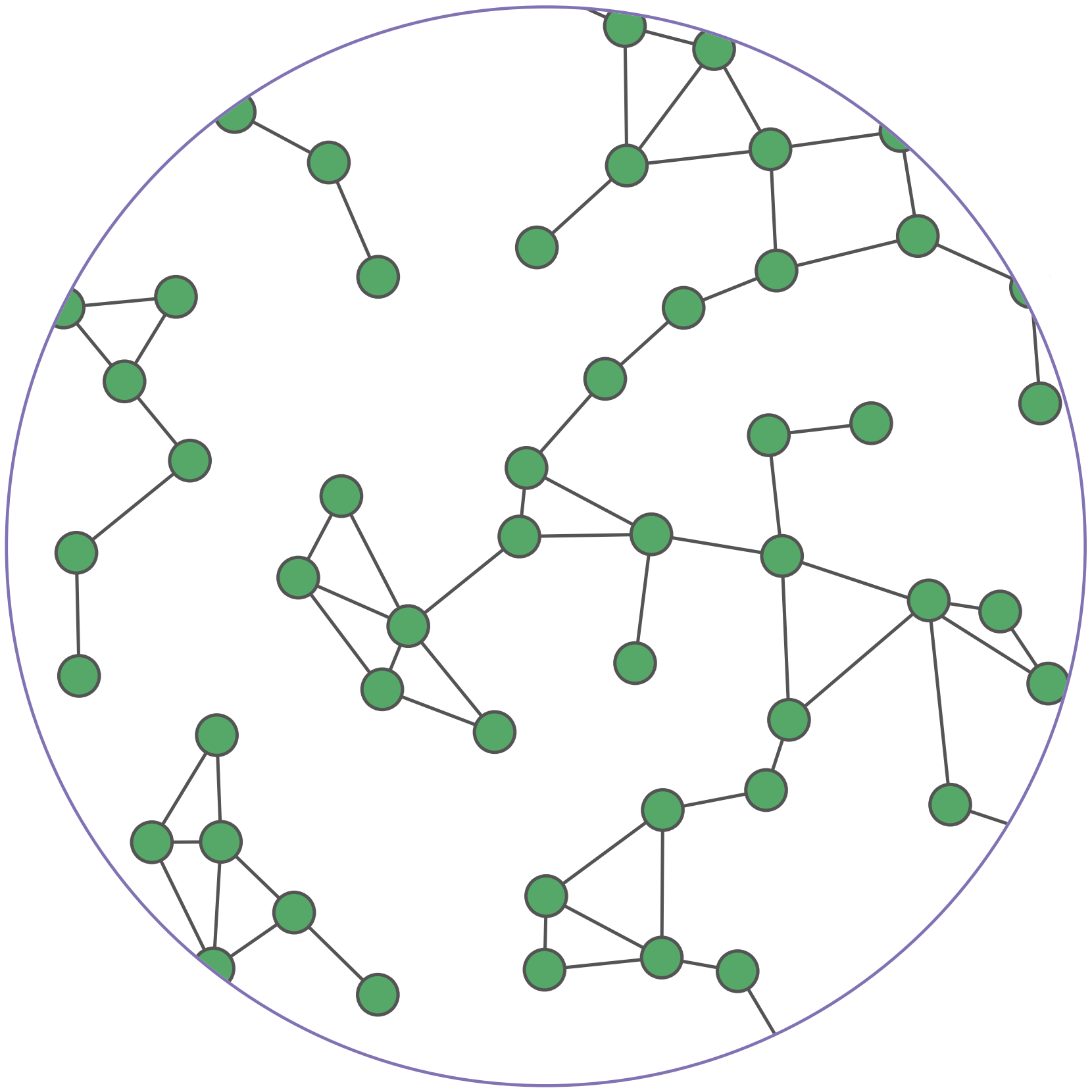


My friends have more friends than I have (on average).

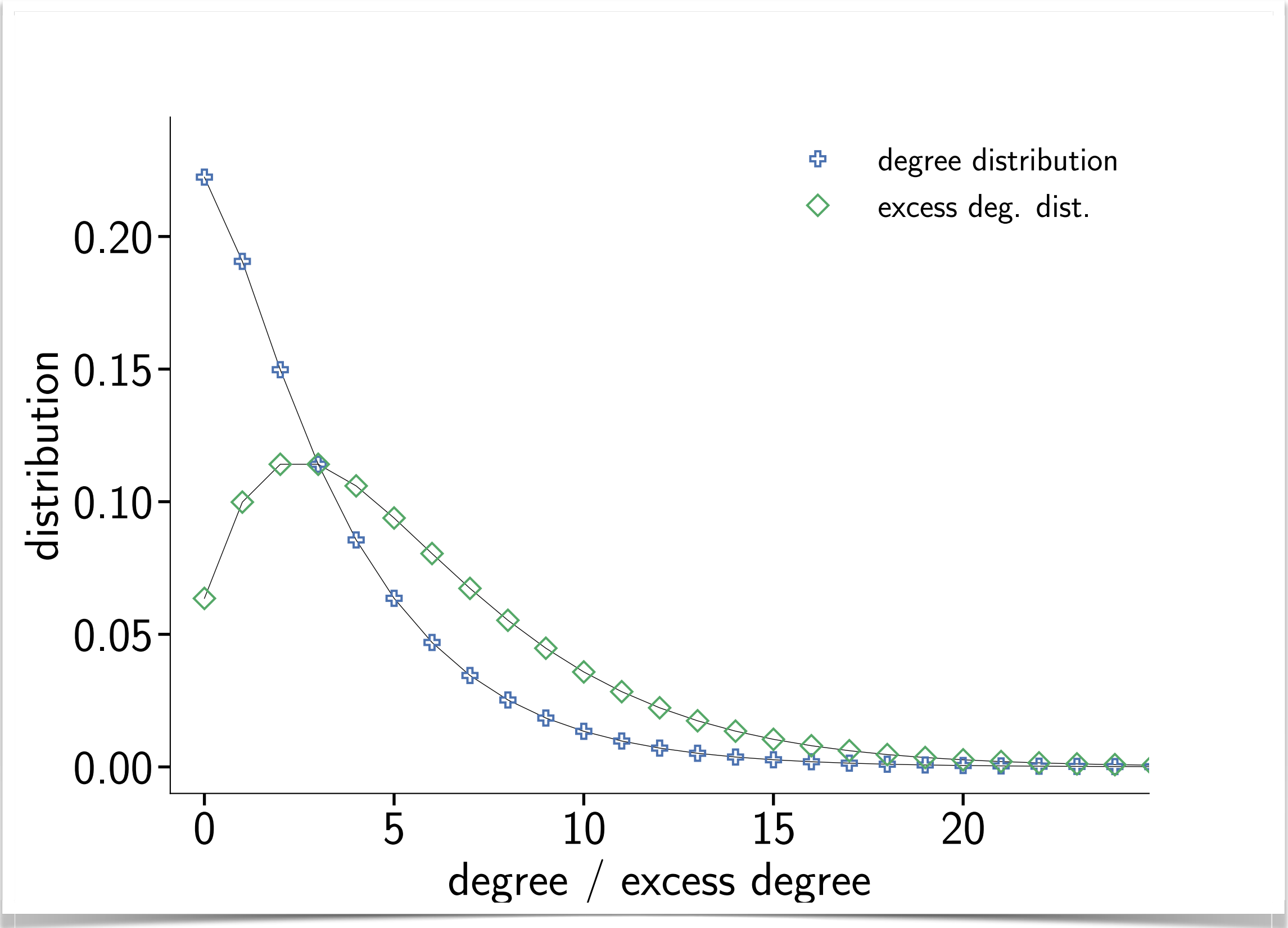
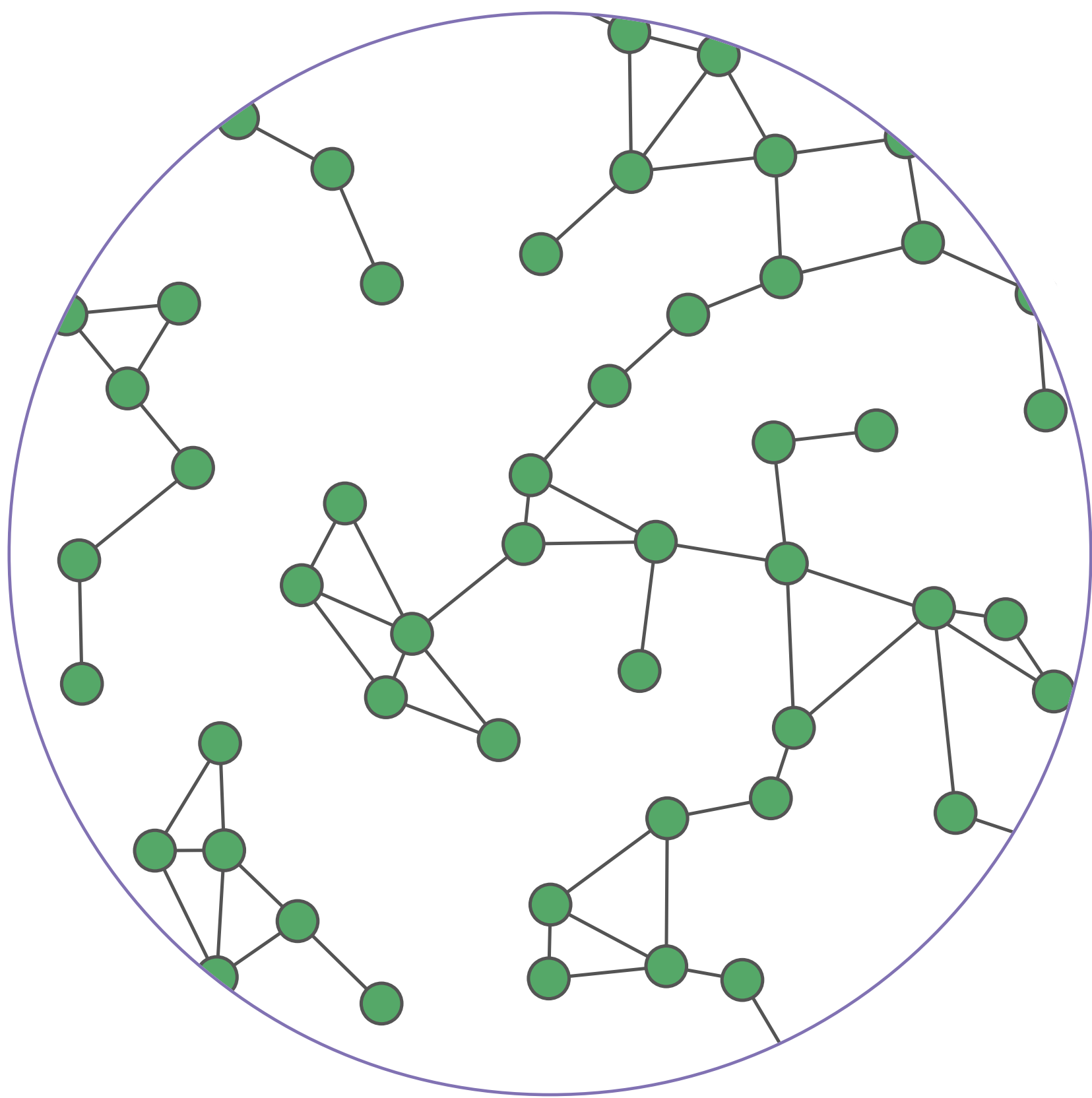


By spreading on a contact network, the disease naturally oversamples individuals more likely to cause a larger number of secondary infections.

Network effect: the friendship paradox

Network effect : the friendship paradox

My friends have more friends than I have (on average).



By spreading on a contact network, the disease naturally over-samples individuals more likely to cause a larger number of secondary infections.

...and then January 2020 came along.

statnews.com

Cause of Wuhan’s mysterious pneumonia cases still unknown, Chinese officials say

By Helen Branswell Jan. 5, 2020

China CDC Weekly

Notes from the Field

A Novel Coronavirus Genome Identified in a Cluster of Pneumonia Cases — Wuhan, China 2019–2020

Wenjie Tan^{1,2}; Xiang Zhao¹; Xuejun Ma¹; Wenling Wang¹; Peihua Niu¹; Wenbo Xu¹; George F. Gao¹; Guizhen Wu^{1,2,3}

THE NEW ENGLAND JOURNAL of MEDICINE

BRIEF REPORT

A Novel Coronavirus from Patients with Pneumonia in China, 2019

Na Zhu, Ph.D., Dingyu Zhang, M.D., Wenling Wang, Ph.D., Xingwang Li, M.D., Bo Yang, M.S., Jingdong Song, Ph.D., Xiang Zhao, Ph.D., Baoying Huang, Ph.D., Weifeng Shi, Ph.D., Roujian Lu, M.D., Peihua Niu, Ph.D., Faxian Zhan, Ph.D., Xuejun Ma, Ph.D., Dayan Wang, Ph.D., Wenbo Xu, M.D., Guizhen Wu, M.D., George F. Gao, D.Phil., and Wenjie Tan, M.D., Ph.D., for the China Novel Coronavirus Investigating and Research Team

cbc.ca

Previously unknown virus may be causing pneumonia outbreak in China, WHO says | CBC News

Thomson Reuters · Posted: Jan 09, 2020 11:27 AM ET | Last Updated: January 9, 2020

WHO Statement regarding cluster of pneumonia cases in Wuhan, China

9 January 2020 | Statement | China

SCIENTIFIC DATA | ARTICLE IN PRESS

Novel human virus? Pneumonia cases linked to seafood market in China stir concern

The health department of Wuhan initially reported 27 cases, but the tally stands at 59 as of 6 January

9 JAN 2020 · BY JENNIFER KORTLAND

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China pneumonia outbreak: Mystery virus probed in Wuhan

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COMMENTARY

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Outbreak of pneumonia of unknown etiology in Wuhan, China: The mystery and the miracle

Hongzhou Lu¹ | Charles W. Stratton² | Yi-Wei Tang³