

BASIC BACKGROUND READING FOR ALL SESSIONS

Garton, L., Haythornthwaite, C. and Wellman, B. (1997), Studying Online Social Networks. *Journal of Computer-Mediated Communication*, 3: 0. doi: 10.1111/j.1083-6101.1997.tb00062.x

Gruzd, A. & Haythornthwaite, C. (2011). Networking Online: Cybercommunities. In Scott, J. & Carrington, P. (Eds.), *Handbook of Social Network Analysis*. London: Sage, pp. 449-487.

Gruzd, A., Wellman, B., and Takhteyev, Y. (2011). Imagining Twitter as an Imagined Community. *American Behavioral Scientist* 55 (10): 1294-1318, DOI: 10.1177/0002764211409378<<http://abs.sagepub.com/content/55/10/1294>>.

Influence in online networks

REQUIRED

Sinan Aral and Dylan Walker. 2012. "Identifying Influential and Susceptible Members of Social Networks." *Science* 337:6092:337-41.

Robert M. Bond, Christopher J. Fariss, Jason J. Jones, Adam D. I. Kramer, Cameron Marlow, Jaime E. Settle, and James H. Fowler. 2012. "A 61-million-person experiment in social influence and political mobilization." *Nature* 489, 295–298

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Sinan Aral and Dylan Walker. 2012. "Identifying Influential and Susceptible Members of Social Networks." *Science* 337:6092. Online Supplement Material

Robert M. Bond, Christopher J. Fariss, Jason J. Jones, Adam D. I. Kramer, Cameron Marlow, Jaime E. Settle, and James H. Fowler. 2012. "A 61-million-person experiment in social influence and political mobilization." *Nature* 489, Online Supplement Material

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Sinan Aral, Lev Muchnik, and Arun Sundararajan. 2009. "Distinguishing influence-based contagion from homophily-driven diffusion in dynamic networks." *PNAS* 106:51:21544-9.

Geography of online networks

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- Yuri Takhteyev, Anatoliy Gruzd, and Barry Wellman. 2012. "Geography of Twitter networks." *Social Networks* 34:1:73–81.

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- David Liben-Nowell, Jasmine Novak, Ravi Kumar, Prabhakar Raghavan, Andrew Tomkins and Ronald L. Graham. Geographic Routing in Social Networks. *Proceedings of the National Academy of Sciences of the United States of America*, Vol. 102, No. 33 (Aug. 16, 2005), pp. 11623-11628.
- M.T. Gastner, M.E.J. Newman. The spatial structure of networks. *THE EUROPEAN PHYSICAL JOURNAL B* 49, 247–252 (2006).
- Salvatore Scellato, Anastasios Noulas, Renaud Lambiotte, Cecilia Mascolo. Socio-Spatial Properties of Online Location-Based Social Networks. *Proceedings of the Fifth International AAAI Conference on Weblogs and Social Media*.

Structure and subgroups

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- Robert Ackland, Mathieu O’Neil. 2011 Online collective identity: The case of the environmental movement. *Social Networks* 33: 177-190

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- Jeffrey A. Smith. 2012. "Macrostructure from Microstructure: Generating Whole Systems from Ego Networks." *Sociological Methodology* 42:1:155-205.
- John Kelly, Bruce Etling (2008) Mapping Iran's Online Public: Politics and Culture in the Persian Blogosphere. Berkman Center Research Publication No. 2008-01.

Online networks evolution and cycles

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- Haibo Hu, Xiaofan Wang. Evolution of a large online social network. *Physics Letters A*. Volume 373, Issues 12–13, 16 March 2009, Pages 1105–1110.
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- Petter Holme, Christofer R. Edling, Fredrik Liljeros. Structure and time evolution of an Internet dating community. *Social Networks*. Volume 26, Issue 2, May 2004, Pages 155–174.
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http://link.springer.com/content/pdf/10.1007%2F978-1-84628-905-7_3.pdf