Critical DataViz Workshop Reading list

Suggested background readings organized by topic covered for each workshop day.

Day 1
Critical engagements with big data, scientific & visual rhetoric
Lisa Gitelman and Virginia Jackson. "Introduction," in Raw Data is an Oxymoron,
https://dsl.lsu.edu/nehtextualdata/wp-content/uploads/2017/11/RawData.pdf

Craig Dalton and Jim Thatcher. (2014). "What does a critical data studies look like, and why should we care?" Society + Space, May 12, 2014. https://societyandspace.org/2014/05/12/what-does-a-critical-data-studies-look-like-and-why-do-we-care-craig-dalton-and-jim-thatcher/

Day 2
Data, Algorithm & Visualization Ethics
Hepworth, Katherine. "Big data visualization: promises & pitfalls." *Communication Design Quarterly Review* 4, no. 4 (2017): 7-19.
https://dl.acm.org/citation.cfm?id=3071090

Cairo, A. (2014). "Ethical Infographics," IRE Journal, 37(2), 25–27.
https://www.dropbox.com/s/pqgmg02yz0pgju4/EthicalInfographics.pdf

Luciano Floridi and Mariarosaria Taddeo. (2016). "What is data ethics?" Philosophical Transactions of the Royal Society A: Mathematical, Physical and Engineering Sciences, 374.
http://doi.org/10.1098/rsta.2016.0360

Day 3
Counter-mapping & visualization
Dalton, Craig, and Liz Mason-Deese. "Counter (Mapping) Actions: Mapping as Militant Research." *ACME: An International E-Journal for Critical Geographies* 11, no. 3 (2012).
https://www.countercartographies.org/wp-content/files/Countermapping_Actions.pdf

Mark Monmonier. (2015). "Lying with Maps," Statistical Science, 20(3): 215-222.
http://sentra.ischool.utexas.edu/Cherian_Antony/INF327E/restrict/lying_with_maps.pdf

Day 4
Designing For Edge Cases: Visualizing Data Assemblages and Future Power Relations
Kim, Tanyoung, and Carl DiSalvo. "Speculative visualization: A new rhetoric for communicating public concerns." In *Proceedings of the Design Research Society (DRS) international conference design & complexity*. 2010.
http://www.drs2010.umontreal.ca/data/PDF/066.pdf

Kate Crawford and Vladan Joler, "Anatomy of an AI System: The Amazon Echo As An Anatomical Map of Human Labor, Data and Planetary Resources," *AI Now Institute and Share Lab*, (September 7, 2018)
https://anatomyof.ai