

36-780: Social Network Modeling

HW02

1. Please read the papers

- Wasserman, S. & Pattison, P. (1996). Logit models and logistic regressions for social networks I. An introduction to Markov graphs and p^* . *Psychometrika*, 61, 401–425. [<http://www.stat.cmu.edu/~brian/780/hw02/WassermanPattison-Psychometrika-1996.pdf>]
- Hunter, D. R., Handcock, M. S., Butts, C. T., Goodreau, S. M., & Morris, M. (2008). ergm: A package to fit, simulate and diagnose exponential-family models for networks. *Journal of Statistical Software*, 24(3). [<http://www.jstatsoft.org/v24/i03/>]

and **post a useful comment or question about them on blackboard**. Feel free to reply to others' comments/questions. **This must be done by 8am Tues before class.**

2. Please do

- Lab 7, part II only (on QAP regression)
- Lab 8

in the Stanford “Introduction to Social Networks” lab series; there is a somewhat-corrected copy of the labs available on our website, <http://www.stat.cmu.edu/~brian/780>. **Post a useful comment or question about these labs on blackboard**. Feel free to reply to others' comments/questions. **This must be done by 8am Tues before class.**