

## WEEK 10: RECENT ADVANCES IN STATISTICAL MODELS IN IR

- Clarke, Kevin A. 2001. "Testing Nonnested Models of International Relations: Reevaluating Realism." *American Journal of Political Science*, 45(3): 724-44.
- Signorino, Curtis S. 1999. "Strategic Interaction and the Statistical Analysis of International Conflict." *American Political Science Review*, 93(2): 279-297.
- King, Gary, and Langche Zeng. 2001. "Explaining Rare Events in International Relations." *International Organization*, 55(3): 693-715.
- King, Gary, and Langche Zeng. 2006. "The Dangers of Extreme Counterfactuals." *Political Analysis*, 14(2): 131-159.
- Beck, Nathaniel, Gary King, and Langche Zeng. 2000. "Improving Quantitative Studies of International Conflict: A Conjecture." *American Political Science Review*, 94(1): 20-35.  
For reaction and response, see:
  - De Marchi, Scott, Christopher Gelpi, and Jeffrey D. Grynaviski. 2004. "Untangling Neural Nets." *American Political Science Review*, 98(2): 371-378.
  - Beck, Nathaniel, Gary King, and Langche Zeng. 2004. "Theory and Evidence in International Conflict: A Response to de Marchi, Gelpi, and Grynaviski." *American Political Science Review*, 98(2): 379-389.
- Braumoeller, Bear F. and Gary Goertz. 2000. "The Methodology of Necessary Conditions." *American Journal of Political Science*, 44(4): 844-858.
- Clark, David H., and Timothy Nordstrom. 2003. "Risky Inference: Unobserved Treatment Effects in Conflict Studies." *International Studies Quarterly*, 47(3): 417-429.

### *Suggested Readings:*

- Bas, Muhammet Ali, Curtis S. Signorino, and Robert W. Walker. 2006. "Statistical Backwards Induction: A Simple Method for Estimating Strategic Models." Manuscript, Department of Political Science, University of Rochester.
- Braumoeller, Bear F. 2006. "Explaining Variance; Or, Stuck in a Moment We Can't Get Out Of." *Political Analysis*, 14(3): 268-290.
- Braumoeller, Bear F. 2004. "Hypothesis Testing and Multiplicative Interaction Terms." *International Organization*, 58(4): 807-820.
- Braumoeller, Bear F. 2003. "Causal Complexity and the Study of Politics." *Political Analysis*, 11: 209-233.
- Clarke, Kevin A. 2003. "Nonparametric Model Discrimination in International Relations." *Journal of Conflict Resolution*, 47(1): 72-93.
- Signorino, Curtis S., and Kuzey Yilmaz. 2003. "Strategic Misspecification in Regression Models." *American Journal of Political Science*, 47(3): 551-566.