MULTILEVEL MODELING WORKSHOP
RECOMMENDED READINGS

Note: The following list includes readings associated with "traditional" multilevel and hierarchical data structures. I have also included readings associated with panel and time-series cross sectional (TSCS) data, which are followed by three asterisks (***).

TEXTBOOKS

Rabe-Hesketh, Sophia, and Anders Skrondal. 2008. *Multilevel and Longitudinal Modeling Using Stata* (Second Edition). Stata Press. [Available for purchase at www.statapress.com]

Gelman, Andrew, and Jennifer Hill. 2007. *Data Analysis Using Regression and Multilevel/Hierarchical Models*. Cambridge University Press.

Raudenbush, Stephen, and Anthony Bryk. 2002. *Hierarchical Linear Modeling*. Sage.

Skrondal, Anders, and Sophia Rabe-Hesketh. 2004. *Generalized Latent Variable Modeling: Multilevel, Longitudinal, and Structural Equation Models*. Chapman & Hall/CRC.

Hsaio, Cheng. 2003. *The Analysis of Panel Data (Second Edition)*. New York: Cambridge University Press.***

ARTICLES

Bafumi, Joseph, and Andrew Gelman. 2006. "Fitting Multilevel Models When Predictors and Group Effects Correlate." Presented at the Annual Meeting of the MPSA.

Bartels, Brandon L. 2009. "Beyond 'Fixed Versus Random Effects': A Framework for Improving Substantive and Statistical Analysis of Panel, TSCS, and Multilevel Data."

Bartels, Brandon L. 2009. "The Constraining Capacity of Legal Doctrine on the U.S. Supreme Court." *American Political Science Review* 103(3):474-95.

Bartels, Brandon L. 2011. "Choices in Context: How Case-Level Factors Shape the Magnitude of Ideological Voting on the U.S. Supreme Court." *American Politics Research* 39(1):142-75.

Beck, Nathaniel. 2001. "Time-Series—Cross-Sectional Data: What Have We Learned in the Past Few Years?" *Annual Review of Political Science* 4:271-93.***

Beck, Nathaniel, and Jonathan N. Katz. 1995. "What To Do (And Not To Do) With Time–Series Cross–Section Data." *American Political Science Review* 89:634–47.***

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Beck, Nathaniel, and Jonathan N. Katz. 2001. "Throwing Out the Baby with the Bath Water: A Comment on Green, Kim, and Yoon." *International Organization* 55:487-495.***

Beck, Nathaniel, and Jonathan N. Katz. 2007. "Random Coefficient Models for Time-Series–Cross-Section Data: Monte Carlo Experiments." *Political Analysis* 15:182-95.***

Blaydes, Lisa. 2006. "'Rewarding Impatience' Revisited: A Response to Goodrich." *International Organization* 60:515-525.***

Bowler, Shaun, Todd Donovan, and Robert Hanneman. 2003. "Art for Democracy's Sake? Group Membership and Political Engagement in Europe." *Journal of Politics* 65:1111-29.

Cho, Wendy K. Tam, James G. Gimpel, and Joshua J. Dyck. 2006. "Residential Concentration, Political Socialization, and Voter Turnout." *Journal of Politics* 68:156-67.

Cutts, David, and Edward Fieldhouse. 2009. "What Small Spatial Scales Are Relevant as Electoral Contexts for Individual Voters? The Importance of the Household on Turnout at the 2001 General Election." *American Journal of Political Science* 53(3): 726-39.

Elkins, Zachary, and John Sides. 2007. "Can Institutions Create Unity in Multiethnic Societies?" *American Political Science Review* 101(4): 693-708.

Franzese, Robert J., Jr., and Jude C. Hays. 2007. "Spatial Econometric Models of Cross-Sectional Interdependence in Political Science Panel and Time-Series-Cross-Section Data." *Political Analysis* 15:140-64.***

Fridkin, Kim L. and Patrick Kenney . 2011. "Variability in Citizens' Reactions to Different Types of Negative Campaigns." *American Journal of Political Science*.

Gelman, Andrew, John Carlin, Hal Stern, and Donald Rubin. 2003. *Bayesian Data Analysis*. Chapman & Hall/CRC.

Gelman, Andrew, and Iain Pardoe. 2006. "Bayesian Measures of Explained Variance and Pooling in Multilevel (Hierarchical) Models." *Technometrics* 48:241-51.

Gelman, Andrew, and Iain Pardoe. 2007. "Average Predictive Comparisons for Models with Nonlinearity, Interactions, and Variance Components." *Sociological Methodology* (Forthcoming).

Goodrich, Ben. 2006. "A Comment on 'Rewarding Impatience.'" *International Organization* 60:499-513.***

Green, Donald P., Soo Yeon Kim, and David Yoon. 2001. "Dirty Pool." *International*

Organization 55:441–68.***

Hicklin, Alisa and Kenneth J. Meier. 2008. "Race, Structure, and State Governments: The Politics of Higher Education Diversity." *Journal of Politics.* 70(3): 851-860.

Jerit, Jennifer, Jason Barabas, and Toby Bolsen. 2006. "Citizens, Knowledge, and the Information Environment." *American Journal of Political Science* 50(2): 266-82.

King, Gary. 2001. "Proper Nouns and Methodological Propriety: Pooling Dyads in International Relations Data." *International Organization* 55:497-507.***

Lax, Jeffrey R., and Justin H. Phillips. 2008. "How Should We Estimate Public Opinion in the States?" *American Journal of Political Science* 53(1): 107-121.

Lax, Jeffrey R., and Justin H. Phillips. 2009. "Gay Rights in the States: Public Opinion and Policy Responsiveness." *American Political Science Review* 103(3): 367-86.

Mattes, Robert, and Michael Bratton. 2007. "Learning about Democracy in Africa: Awareness, Performance, and Experience." *American Journal of Political Science* 51: 192–217.

Martin, Andrew D. 2001. "Congressional Decision Making and the Separation of Powers." *American Political Science Review* 95:361-78.

Mishler, William, and Richard Rose. 2007. "Generation, Age, and Time: The Dynamics of Political Learning during Russia's Transformation." *American Journal of Political Science* 51(4): 822-834.

Neuhaus, J. M., and J. D. Kalbfleisch. 1998. "Between– and Within–Cluster Covariate Effects in the Analysis of Clustered Data." *Biometrics* 54:638–45.***

Oliver, J. Eric, and Shang E. Ha. 2007. "Vote Choice in Suburban Elections." *American Journal of Political Science* 101(3): 393-408.

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Plumper, Thomas, and Vera E. Troeger. 2007. "Efficient Estimation of Time-Invariant and Rarely Changing Variables in Finite Sample Panel Analyses with Unit Fixed Effects." *Political Analysis* 15:124-39.***

Rabe-Hesketh, Sophia, Anders Skrondal, and Andrew Pickles. 2002. "Reliable Estimation of Generalized Linear Mixed Models Using Adaptive Quadrature." *Stata Journal* 2:1-21.

Rahn, Wendy M., and Thomas J. Rudolph. 2005. "A Tale of Political Trust in American Cities." *Public Opinion Quarterly* 69:530-60.

Rodriguez, German, and Noreen Goldman. 2001. "Improved Estimation Procedures for Multilevel Models with Binary Response: A Case-Study." *Journal of the Royal Statistical Society, Series A* 164:339-55.

Rudolph, Thomas J. 2003. "Institutional Context and the Assignment of Political Responsibility." *Journal of Politics* 65:190-215.

Solt, Frederick. 2008. "Economic Inequality and Democratic Political Engagement." *American Journal of Political Science* 52: 48–60.

Steenbergen, Marco, and Bradford Jones. 2002. "Modeling Multilevel Data Structures." *American Journal of Political Science* 46:218-37.

Weldon, Steven A. 2006. "The Institutional Context of Tolerance for Ethnic Minorities: A Comparative, Multilevel Analysis of Western Europe." *American Journal of Political Science* 50(2): 331-349

Wells, Jason M. and Jonathan Krieckhaus. 2006. "Does National Context Influence Democratic Satisfaction? A Multi-Level Analysis." *Political Research Quarterly* 59(4): 569-578.

Western, Bruce. 1998. "Causal Heterogeneity in Comparative Research: A Bayesian Hierarchical Modelling Approach." *American Journal of Political Science* 42:1233-59.

Western, Bruce, and Simon Jackman. 1994. "Bayesian Inference for Comparative Research." *American Political Science Review* 88:412-23.

Wilson, Sven E., and Daniel M. Butler. 2007. "A Lot More to Do: The Sensitivity of Time-Series Cross-Section Analyses to Simple Alternative Specifications." *Political Analysis* 15:101-23.***

Zorn, Christopher. 2001. "Estimating Between– and Within–Cluster Covariate Effects, with an Application to Models of International Disputes." *International Interactions* 27(4):433–45.***