

**Quantitative Methods Across the Social Sciences
Communication Studies 840-002**

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Fall, 2012

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Course Meetings:
W – 4:00-7:00 PM
2265 North Quad

Office Hours:
M – 3:00-4:00PM
5413 North Quad

What's the question?

Methodological innovation has become perhaps the fastest growing area in contemporary social science. Across all of the social sciences, new techniques are being developed that allow researchers to more effectively and efficiently answer their questions. But the expanding scope of methodological techniques has also posed distinct challenges. Researchers across different disciplines are increasingly unfamiliar with the strategies used in neighboring fields. Similarly, the plethora of novel statistical approaches has made it increasingly difficult to determine which approach is ideal for a particular question. And the diversity of methodological choices has made it increasingly difficult to evaluate research and to discriminate findings that represent methodological confounds from those providing ironclad evidence.

To the extent that researchers wish to understand, use, and communicate results from various techniques, the ever-changing methodological scope has presented a conundrum: The methodological toolbox of the social sciences has become far too large for common mastery. This course attempts to circumvent the problem. Instead of trying to train researchers to be proficient at each of dozens of

THE METHODOLOGY SECTION TRANSLATOR

What it says:

"All procedures were approved by the Internal Ethics Review Board"

"Samples were treated with 0.03% sodium citrate buffer for 60.3 min. at 37.4 deg with 20.5 mg/kg poly(I-C) dissolved in 0.97% sterile PBS volume of 8.2 ml/kg"

"The solution was isolated using catalyst CH₂Cl₂/Et₂O 4:1 in 71% yield as a mixture of 1 H NMR (CDCl₃) δ 7.90 (ddd, J = 3.2, 5.2, 20.4 Hz, 1H), 7.30 (dd, J = 0.8, 2.0 Hz, 1H)"

"Measurements were performed with -1.74 < η < 1.74 around a field of 1.16T with σ(pT) / pT ≈ 0.5% pT / GeV + 1.5%"

"Experimental kits from a commercial vendor were used and applied according to the manufacturer's instructions."

"Filter and gain settings varied with experimental conditions and objectives."

"Simulation parameters were chosen based on empirically realistic values."

"The treated preparation was incubated overnight."

"Analysis was performed using a commercially available software package."

"Statistical significance was assessed using the Student's T Test."

What it really means:

"Please don't come protest outside our lab."

"If you deviate from this by one number, it's not my fault when you can't replicate my results."

"My advisor has no idea what this means."

"I don't know why this works but this is how the previous grad student taught me to do it."

"We wasted a lot of time trying to do it ourselves, but it turned out you can just buy it."

"We twiddled the knobs until it worked."

"We made stuff up."

"I went to have a few beers with my friends."

"I put the numbers into this magic box and out came my thesis!"

"Yes, all that just to verify it with something they teach in High School now."

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methodological approaches, the goal is to develop a generalized roadmap. In a whirlwind tour of a number of methodologies, we attempt to demarcate the generalized approaches, assumptions, and presentational conventions underlying the statistical techniques examined.

Researchers should emerge from this class with a better sense of what a variety of quantitative methods actually do, how they are used in practice, the assumptions that are

being made, and what kinds of questions they can answer.

Course Content

Weekly classes will each focus on a general area of statistical methodology that is being widely used in the social sciences. The course will begin with the assumption that students have been exposed to statistical and methodological courses that have explained the principals behind basic probability and ordinary least squares regression.

Course Requirements

A number of academic articles are listed for each week's reading. Every week, each student will be responsible for closely reading and



presenting one article from the week's reading list. These articles will be chosen during the previous week. In addition to being prepared to present the methods from his or her article, each student will need to turn in a one page write-up outlining (1) the types of data that are being used, (2) how the method is applied, (3) the conclusions that are being drawn from the method, (4) how the method and results are presented, and (5) any assumptions that are being made about the nature of the method or the data to which it is applied.

In addition to this closely read piece, students will also need to read 1-3 required articles (* and **bolded**), that outline the use of the week's method. These articles will give a general foundation for the week's topic as well as an overview of some of the important considerations when using each methodology.

As a final project for the class, students will be expected to use any one of the methods discussed in class to analyze data from their own research. These final projects will be graded on how well they apply the method as well as their description of the benefits and limitations of the method for use with their data. These projects should take the form of the methods section from a typical research article.

Grading

Class Participation / Presentations	40%
One-page write-ups	30%
Final Project	30%

Course Schedule:

Sept 5 – Week 1 – Introduction

Today we will discuss the organization of the class, requirements for the class, and will outline the semester. We will also go over strategies for quickly and effectively reading empirical research articles. This class will also include a brief introduction to the statistical software package R.

Muenchen, R. A. (2007). *R for SAS and SPSS Users*. Springer: New York.

Available from:

<http://www.et.bs.edu/~etptupaf/pub/R/RforSAS&SPSSusers.pdf>

R-Core (2012). The R Project for Statistical Computing. www.rproject.org

Sept 12 – Week 2 – Binomial, Ordinal, and Multinomial Regressions

***Alvarez, R. M. & Nagler, J. (1998). When Politics and Models Collide: Estimating Models of Multiparty Elections. *American Journal of Political Science* 42: 55-96.**

***Bender, R. & Grouven, U. (1997). Ordinal Logistic Regression in Medical Research. *Journal of the Royal College of Physicians of London*, 31(5), 546-551.**

***Peng, C.-Y. J., Lee, K. L., & Ingersoll, G. M. (2002). An Introduction to Logistic Regression Analysis and Reporting. *Journal of Educational Research*, 96(1), 3-14.**

Alvarez, R. M., & Nagler, J. (1995). Economics, Issues and the Perot Candidacy: Voter Choice in the 1992 Presidential Election. *American Journal of Political Science*, 39(3), 714–744.

Arceneaux, K., & Kolodny, R. (2009). Educating the Least Informed: Group Endorsements in a Grassroots Campaign. *American Journal of Political Science*, 53(4), 755–770.

Balcetis, E., & Dunning, D. (2006). See what you want to see: Motivational influences on visual perception. *Journal of Personality and Social Psychology*, 91(4), 612-625.

Bazarova, N. N., & Hancock, J. T. (2012). Attributions After a Group Failure. *Communication Research*, 39(4), 499 -522.

- Brooks, C. (2000). Civil Rights Liberalism and the Suppression of a Republican Political Realignment in the United States, 1972 to 1996. *American Sociological Review* 65 (4), 483–505.
- Entwisle, B., Henderson, G. E., Short, S. E., Bouma, J., & Fengying, Z. (1995). Gender and Family Businesses in Rural China. *American Sociological Review*, 60(1), 36–57.
- Fiss, P.C., & Hirsch, P. M. (2005). The discourse of globalization: Framing and sensemaking of an emerging concept. *American Sociological Review* 70: 29-52. (multinomial logistic and negative binomial both used)
- Greeley, A. M., & Hout, M. (1999). Americans' Increasing Belief in Life After Death: Religious Competition and Acculturation. *American Sociological Review* 64 (6): 813–835.
- Loeb, S., Fuller, B., Kagan, S. L., & Carrol, B. (2004). Child Care in Poor Communities: Early Learning Effects of Type, Quality, and Stability. *Child Development*, 75(1), 47-65.
- Lundquist, J. H. (2008). Ethnic and Gender Satisfaction in the Military: The Effect of a Meritocratic Institution. *American Sociological Review*, 73(3), 477–496.
- Mare, R. D., & Maralani, V. (2006). The Intergenerational Effects of Changes in Women's Educational Attainments. *American Sociological Review*, 71(4), 542-564.
(ordered logits, also a poisson model)
- Parkes, A., Kearns, A., & Atkinson, R. (2002) What Makes People Dissatisfied with their Neighbourhoods? *Urban Studies*, 39(13), 2413-2438.
- Roderick, M., & Camburn, E. (1999). Risk and Recovery from Course Failure in the Early Years of High School. *American Educational Research Journal*, 36(2), 303 -343.
(ordered logit, also HLM with logit)
- Rudolph, T. J. (2003). Who's Responsible for the Economy? The Formation and Consequences of Responsibility Attributions. *American Journal of Political Science*, 47(4), 698–713.
- Smith, T. M., & Ingersoll, R. M. (2004). What Are the Effects of Induction and Mentoring on Beginning Teacher Turnover? *American Educational Research Journal*, 41(3), 681-714.

Sept 19 – Week 3 – Factor Analysis and Principal Components

* DeCoster, J. (1998). Overview of Factor Analysis. [Retrieved 8/27/12]. Available from <http://www.stat-help.com/notes.html>

* Fabrigar, J. R., Wegener, D. T., MacCallum, R. C., & Strahan, E. J. (1999). Evaluating the Use of Exploratory Factor Analysis in Psychological Research. *Psychological Methods*, 4(3), 272-299.

* Park, H. S., Dailey, R., & Lemus, D. (2002). The Use of Exploratory Factor Analysis and Principal Components Analysis in Communication Research. *Human Communication Research*, 28(4), 562-577.

Artz, R. D., Fairbank, D. T., Curtis, R. F., & Elton F. Jackson. (1971). Community Rank Stratification: A Factor Analysis. *American Sociological Review*, 36(6), 985-1002.

Campbell, D. E. (2009). Civic Engagement and Education: An Empirical Test of the Sorting Model. *American Journal of Political Science*, 53(4), 771-786.

Coppedge, M., Alvarez, A., & Maldonado, C. (2008). Two Persistent Dimensions of Democracy: Contestation and Inclusiveness. *Journal Of Politics*, 70(3), 632-647.

Dixon, J., & Lizotte, A. J. (1987). Gun Ownership and the "Southern Subculture of Violence." *American Journal of Sociology*, 93(2), 383-405.

Goldberg, L. R. (1990). An alternative 'description of personality': The Big-Five factor structure. *Journal Of Personality And Social Psychology*, 59(6), 1216-1229.

Good, C., Rattan, A., & Dweck, C. S. (2012). Why do women opt out? Sense of belonging and women's representation in mathematics. *Journal Of Personality And Social Psychology*, 102(4), 700-717.

Gurtman, M. B. (1992). Trust, Distrust, and Interpersonal Problems: A Circumplex Analysis. *Journal of Personality and Social Psychology*, 62(6) 989-1002.

Hayduk, L. A., Ratner, P. A., Johnson, J. L., & Bottorff, J. L. (1995). Attitudes, Ideology, and the Factor Model. *Political Psychology*, 16(3), 479-507.

Nichols, R. C. (1962). A Factor Analysis of Parental Attitudes of Fathers. *Child Development*, 33(4), 791-802.

Onwuegbuzie, A. J., Witcher, A. E., Collins, K. M. T., Filer, J. D., Wiedmaier, C. D., & Moore, C. W. (2007). Students' Perceptions of Characteristics of Effective College Teachers: A Validity Study of a Teaching Evaluation Form Using a Mixed-Methods Analysis. *American Educational Research Journal, 44*(1), 113–160.

Parrott, R., Silk, K., Weiner, J., Condit, C., Harris, T., & Bernhardt, J. (2004). Deriving Lay Models of Uncertainty About Genes' Role in Illness Causation to Guide Communication About Human Genetics. *Journal of Communication, 54*(1), 105–122.

Raskin, R., & Terry, H. (1988). A Principal-Components Analysis of the Narcissistic Personality Inventory and Further Evidence of Its Construct Validity. *Journal of Personality and Social Psychology, 54*(5), 890–902.

Rentfrow, P. J., Goldberg, L. R., & Levitin, D. J. (2011). The structure of musical preferences: A five-factor model. *Journal of Personality and Social Psychology, 100*(6), 1139–1157.

Rubin, R. B., Perse, E. M. and Barbato, C. A. (1988), Conceptualization and Measurement of Interpersonal Communication Motives. *Human Communication Research, 14*: 602--628.

White, K. J. (1977). Television Market Shares, Station Characteristics, and Viewer Choice. *Communication Research, 4*(4), 415–434.

**Sept 26 – Week 4 – Structural Equation Modeling and Instrumental Variables
[Note: THE DATE OF THIS CLASS WILL BE RESCHEDULED AS IT CURRENTLY
CONFLICTS WITH YOM KIPPUR]**

*** Bound, J., Jaeger, D. A., & Baker, R. M. (1995). Problems with Instrumental Variables Estimation When the Correlation Between the Instruments and the Endogeneous Explanatory Variable is Weak. *Journal of the American Statistical Association, 90*(430), 443-450.**

*** Hox, J. J., Bechger, T. M. (1998). An Introduction to Structural Equation Modeling. *Family Science Review, 11*, 354-373.**

*** MacCallum, R. C., & Austin, J. T. (2000). Applications of Structural Equation Modeling in Psychological Research. *Annual Review of Psychology, 51*(1), 201-226.**

Aarts, K., & Semetko, H. A. (2003). The Divided Electorate: Media Use and Political Involvement. *Journal of Politics, 65*(3), 759-784.

Bao, Y., Duan, N., & Fox, S. A. (2006) Is Some Provider Advice on Smoking Cessation Better Than No Advice? An Instrumental Variable Analysis of the 2001 National Health Interview Survey. *HSA: Health Services Research, 41*(6), 2114-2135.

Bizer, G. Y., & Krosnick, J. A. (2001). Exploring the structure of strength-related attitude features: The relation between attitude importance and attitude accessibility. *Journal of Personality and Social Psychology, 81*(4), 566-586.

Businelle, M. S., Kendzor, D. E., Reitzel, L. R., Costello, T. J., Cofta-Woerpel, L., Li, Y., et al. (2010). Mechanisms linking socioeconomic status to smoking cessation: A structural equation modeling approach. *Health Psychology, 29*(3), 262-273.

Cho, J., & Choy, S. P. (2011). From Podium to Living Room. *Communication Research, 38*(6), 778 -804.

De Figueiredo, R. J. P., Jr. & Elkins, Z. (2003) Are Patriots Bigots? An Inquiry into the Vices of In-Group Pride. *American Journal of Political Science, 47*(1), 171-188.

Gastil, J. & Xenos, M. (2010). Of Attitudes and Engagement: Clarifying the Reciprocal Relationship Between Civic Attitudes and Political Participation. *Journal of Communication, 60*(2), 318-343.

Goren, P. (2005). Party Identification and Core Political Values. *American Journal of Political Science, 49*(4), 881-896.

Hatemi, P. K., Hibbing, J. R., Medland, S. E., Keller, M. C., Alford, J. R., Smith, K. B., et al. (2010). Not by Twins Alone: Using the Extended Family Design to Investigate Genetic Influence on Political Beliefs. *American Journal Of Political Science, 54*(3), 798-814.

Highton, B., & Kam, C. D. (2011). The Long-Term Dynamics of Partisanship and Issue Orientations. *Journal of Politics, 73*(1), 202-215.

Hodson, G., Rush, J., & MacInnis, C. C. (2010). A joke is just a joke (except when it isn't): Cavalier humor beliefs facilitate the expression of group dominance motives. *Journal of Personality and Social Psychology, 99*(4), 660-682.

Huddy, L., & Khatib, N. (2007). American Patriotism, National Identity, and Political Involvement. *American Journal of Political Science, 51*(1), 63-77.

Kirk, D. S. (2009). A Natural Experiment on Residential Change and Recidivism: Lessons from Hurricane Katrina. *American Sociological Review*, 74(3), 484–505.

Ledbetter, A. M. (2009). Family Communication Patterns and Relational Maintenance Behavior: Direct and Mediated Associations with Friendship Closeness. *Human Communication Research*, 35: 130–147.

Martino, S. C., Collins, R. L., Kanouse, D. E., Elliott, M., & Berry, S. H. (2005). Social cognitive processes mediating the relationship between exposure to television's sexual content and adolescents' sexual behavior. *Journal of Personality and Social Psychology*, 89(6), 914–924.

Pond, R. S. Jr., DeWall, C. N., Lambert, N. M., Deckman, T., Bonser, I. M., & Fincham, F. D. (2012). Repulsed by violence: Disgust sensitivity buffers trait, behavioral, and daily aggression. *Journal of Personality and Social Psychology*, 102(1), 175-188.

Rabinowitz, J. L., Sears, D. O., Sidanius, J., & Krosnick, J. A. (2009). Why Do White Americans Oppose Race-Targeted Policies? Clarifying the Impact of Symbolic Racism. *Political Psychology*, 30(5), 805-828.

Weber, C., & Federico, C. M. (2007). Interpersonal Attachment and Patterns of Ideological Belief. *Political Psychology*, 28(4), 389–416.

Oct 3 – Week 5 – Permutation Tests and Bootstrapping

*** Henderson, A. R. (2005). The bootstrap: A technique for data-driven statistics. Using computer-intensive analyses to explore experimental data. *Clinica Chimica Acta*, 359(1), 1-26.**

Cacioppo, J. T., Fowler, J. H., & Christakis, N. A. (2009). Alone in the crowd: The structure and spread of loneliness in a large social network. *Journal of Personality and Social Psychology*, 97(6), 977-991.

de Bruin, M., Sheeran, P., Kok, G., Hiemstra, A., Prins, J. M., Hospers, H. J., & van Breukelen, G. J. P. (2012, March 5). Self-Regulatory Processes Mediate the Intention-Behavior Relation for Adherence and Exercise Behaviors. *Health Psychology*. Advance online publication. doi: 10.1037/a0027425

Desposato, S. W. (2003). Comparing Group and Subgroup Cohesion Scores: A Nonparametric Method with an Application to Brazil. *Political Analysis*, 11(3), 275-288.

- Dietz, T., Frey, R. S., & Kalof, L. (1987). Estimation with Cross-National Data: Robust and Nonparametric Methods. *American Sociological Review*, 52(3), 380–390.
- Goldstein, J. R., & Kenney, C. T. (2001). Marriage Delayed or Marriage Forgone? New Cohort Forecasts of First Marriage for U.S. Women. *American Sociological Review*, 66(4), 506–519.
- Gordon, S. B. (2001). All Votes Are Not Created Equal: Campaign Contributions and Critical Votes. *Journal of Politics*, 63(1), 249-269.
- Ho, D. E., & Imai, K. (2006). Randomization Inference With Natural Experiments. *Journal of the American Statistical Association*, 101(475), 888-900.
- Lax, J. R., & Rader, K. T. (2010). Legal Constraints on Supreme Court Decision Making: Do Jurisprudential Regimes Exist? *Journal of Politics*, 72(2), 273-284.
- Niederdeppe, J. (2008). Beyond Knowledge Gaps: Examining Socioeconomic Differences in Response to Cancer News. *Human Communication Research*, 34(3), 423–447.
- Niederdeppe, J., Farrelly, M. C., Thomas, K. Y., Wenter, D., & Weitzenkamp, D. (2007). Newspaper Coverage as Indirect Effects of a Health Communication Intervention. *Communication Research*, 34(4), 382–406.
- Peter, J. & Valkenburg, P. M. (2009). Adolescents' Exposure to Sexually Explicit Internet Material and Notions of Women as Sex Objects: Assessing Causality and Underlying Processes. *Journal of Communication*, 59(3), 407-433.
- Schuck, A. R. T., & de Vreese, C. H. (2012). When Good News Is Bad News: Explicating the Moderated Mediation Dynamic Behind the Reversed Mobilization Effect. *Journal of Communication*, 62(1), 57–77.
- Sturgis, P., Roberts, C., & Allum, N. (2005). A Different Take on the Deliberative Poll Information, Deliberation, and Attitude Constraint. *Public Opinion Quarterly*, 69(1), 30–65.
- Wilkinson, L. C., & Spinelli, F. (1983). Using Requests Effectively in Peer-directed Instructional Groups. *American Educational Research Journal*, 20(4), 479–501.
- Zentner, M., & Renaud, O. (2007). Origins of adolescents' ideal self: An intergenerational perspective. *Journal of Personality and Social Psychology*, 92(3), 557-574.

Oct 10 – Week 6 – Fixed and Random Effects

* Agresti, A., Booth, J. G., Hobert, J. P., & Caffo, B. (2008). Random-Effects Modeling of Categorical Response Data. *Sociological Methodology*, 30(1), 27-80.

Besley, T. & Reynal-Querol, M. (2011). Do Democracies Select More Educated Leaders? *American Political Science Review*, 105(3), 552-566.

England, P., Farkas, G., Kilbourne, B. S., & Dou, T. (1988). Explaining Occupational Sex Segregation and Wages: Findings from a Model with Fixed Effects. *American Sociological Review*, 53(4), 544-558.

Gartner, S. (2004). Making the International Local: The Terrorist Attack on the USS Cole, Local Casualties, and Media Coverage. *Political Communication*, 21(2), 139-159.

Gerber, A. S., Huber, G. A., Doherty, D., & Dowling, C. M. (2011). Citizens' Policy Confidence and Electoral Punishment: A Neglected Dimension of Electoral Accountability. *The Journal of Politics*, 73(04), 1206-1224.

Gordon, R. A., Chase-Lansdale, P. L., & Brooks-Gunn, J. (2004). Extended Households and the Life Course of Young Mothers: Understanding the Associations Using a Sample of Mothers with Premature, Low Birth Weight Babies. *Child Development*, 75(4), 1013-1038.

Haber, S., & Menaldo, V. (2011). Do Natural Resources Fuel Authoritarianism? A Reappraisal of the Resource Curse. *American Political Science Review*, 105(1), 1-26.

Judd, C. M., Westfall, J., & Kenny, D. A. (2012). Treating stimuli as a random factor in social psychology: A new and comprehensive solution to a pervasive but largely ignored problem. *Journal of Personality and Social Psychology*, 103(1), 54-69.

Kalev, A. (2009). Cracking the Glass Cages? Restructuring and Ascriptive Inequality at Work. *American Journal of Sociology* 114 (6), 1591-1643.

Kaplan, N., Park, D. K., & Ridout, T. N. (2006). Dialogue in American Political Campaigns? An Examination of Issue Convergence in Candidate Television Advertising. *American Journal of Political Science*, 50(3), 724-736.

Kollmeyer, C. (2009). Explaining Deindustrialization: How Affluence, Productivity Growth, and Globalization Diminish Manufacturing Employment. *American Journal of Sociology*, 114(6), 1644-1674.

Lee, F., Peterson, C., & Tiedens, L. Z. (2004). Mea Culpa: Predicting Stock Prices From Organizational Attributions. *Personality and Social Psychology Bulletin*, 30(12), 1636–1649.

McVeigh, R., & Diaz, M. E. D., (2009). Voting to Ban Same-Sex Marriage: Interests, Values, and Communities. *American Sociological Review* 74: 891-915.

Papay, J. P. (2011). Different Tests, Different Answers The Stability of Teacher Value-Added Estimates Across Outcome Measures. *American Educational Research Journal*, 48(1), 163–193.

See, K. E. (2009). Reactions to decisions with uncertain consequences: Reliance on perceived fairness versus predicted outcomes depends on knowledge. *Journal of Personality and Social Psychology*, 96(1), 104–118.

Slater, M. D., Goodall, C. E., & Hayes, A. F. (2009). Self-Reported News Attention Does Assess Differential Processing of Media Content: An Experiment on Risk Perceptions Utilizing a Random Sample of U.S. Local Crime and Accident News. *Journal of Communication*, 59(1), 117-134.

Tomaskovic-Devey, D., Thomas, M., & Johnson, K. (2005). Race and the Accumulation of Human Capital across the Career: A Theoretical Model and Fixed-Effects Application. *American Journal of Sociology*, 111(1), 58-89.

Western, B., & Beckett, K. (1999). How Unregulated Is the U.S. Labor Market? The Penal System as a Labor Market Institution. *American Journal of Sociology*, 104(4), 1030–60.

Oct 17 – Week 7 – Dealing With Missing Data

*** King, G., Honaker, J., Joseph, A., & Scheve, K. (2001). Analyzing Incomplete Political Science Data: An Alternative Algorithm for Multiple Imputation. *American Political Science Review*, 95(01), 49-69.**

Alexander, K. L., Entwisle, D. R., & Olson, L. S. (2007). Lasting Consequences of the Summer Learning Gap. *American Sociological Review*, 72(2), 167 -180.

Cho, J. (2011). The Geography of Political Communication: Effects of Regional Variations in Campaign Advertising on Citizen Communication. *Human Communication Research*, 37(3), 434-462.

- Downey, D. B., Paul T. von Hippel, & Hughes, M. (2008). Are “Failing” Schools Really Failing? Using Seasonal Comparison to Evaluate School Effectiveness. *Sociology of Education*, 81(3), 242–270.
- Gay, C. (2002). Spirals of Trust? The Effect of Descriptive Representation on the Relationship between Citizens and Their Government. *American Journal of Political Science*, 46(4), 717–732.
- Hayes, A. F., Matthes, J., & Eveland, W. P. (2011). Stimulating the Quasi-statistical Organ: Fear of Social Isolation Motivates the Quest for Knowledge of the Opinion Climate. *Communication Research*.
- Herring, M., Jankowski, T. B., & Brown, R. E. (1999). Pro-Black Doesn’t Mean Anti-White: The Structure of African-American Group Identity. *The Journal of Politics*, 61(2), 363–386.
- Li, L. (2011). Distrust in Government Leaders, Demand for Leadership Change, and Preference for Popular Elections in Rural China. *Political Behavior*, 33(2), 291–311.
- Martin, M. A. (2008). The Intergenerational Correlation in Weight: How Genetic Resemblance Reveals the Social Role of Families. *American Journal of Sociology* 114:s1, S67-S105
- Myers, T. A. (2011). Goodbye, Listwise Deletion: Presenting Hot Deck Imputation as an Easy and Effective Tool for Handling Missing Data. *Communication Methods and Measures*, 5(4), 297-310.
- Pasek, J., Tahk, A., Lelkes, Y., Krosnick, J. A., Payne, B. K., Akhtar, O., & Tompson, T. (2009). Determinants of Turnout and Candidate Choice in the 2008 U.S. Presidential Election Illuminating the Impact of Racial Prejudice and Other Considerations. *Public Opinion Quarterly*, 73(5), 943–994.
- Peytchev, A. (2012) Multiple Imputation for Unit Nonresponse and Measurement Error. *Public Opinion Quarterly*, 76(2), 214-237.
- Ross, M. (2006). Is Democracy Good for the Poor? *American Journal of Political Science*, 50(4), 860–874.
- Simonton, D. K. (2006). Presidential IQ, Openness, Intellectual Brilliance, and Leadership: Estimates and Correlations for 42 U.S. Chief Executives. *Political Psychology*, 27(4), 511–526.
- Winglee, M., Kalton, G., Rust, K., & Kasprzyk, D. (2001). Handling Item Nonresponse in the U.S. Component of the IEA Reading Literacy Study. *Journal of Educational and Behavioral Statistics*, 26(3), 343–359.

Denny, K., & Doyle, O. (2009). Does Voting History Matter? Analysing Persistence in Turnout. *American Journal of Political Science*, 53(1), 17–35.

Oct 24 – Week 8 – Hierarchical and Multilevel Models

*** Bryk, A. S., & Raudenbush, S. W. (1988). Toward a More Appropriate Conceptualization of Research on School Effects: A Three-Level Hierarchical Linear Model. *American Journal of Education*, 97(1), 65-108.**

*** Hofman, D. A. (1997). An Overview of the Logic and Rationale of Hierarchical Linear Models. *Journal of Management*, 23(6), 723-744.**

Almeida, D. M., & Kessler, R. C. (1998). Everyday stressors and gender differences in daily distress. *Journal of Personality and Social Psychology*, 75(3), 670–680.

Andersen, R., & Fetner, T. (2008). Economic Inequality and Intolerance: Attitudes toward Homosexuality in 35 Democracies. *American Journal of Political Science*, 52(4), 942–958.

Beaumont, E. (2011). Promoting Political Agency, Addressing Political Inequality: A Multilevel Model of Internal Political Efficacy. *The Journal of Politics*, 73(01), 216–231.

Bowler, S., Donovan, T., & Hanneman, R. (2003). Art for Democracy's Sake? Group Membership and Political Engagement in Europe. *The Journal of Politics*, 65(4), 1111–1129.

Cho, J. (2008). Political Ads and Citizen Communication. *Communication Research*, 35(4), 423–451.

Coley, R. L., Votruba-Drzal, E., & Schindler, H. S. (2009). Fathers' and Mothers' Parenting Predicting and Responding to Adolescent Sexual Risk Behaviors. *Child Development*, 80(3), 808–827.
(also, imputation and MCAR test, briefly)

Goldschmidt, P., & Wang, J. (1999). When Can Schools Affect Dropout Behavior? A Longitudinal Multilevel Analysis. *American Educational Research Journal*, 36(4), 715–738.

Hipp, J. R. (2007). Block, Tract, and Levels of Aggregation: Neighborhood Structure and Crime and Disorder as a Case in Point. *American Sociological Review*, 72(5), 659–680.

Jerit, J., Barabas, J., & Bolsen, T. (2006). Citizens, Knowledge, and the Information Environment. *American Journal of Political Science*, 50(2), 266–282.

Poteat, V. P., Espelage, D. L., & Green, H. D. J. (2007). The socialization of dominance: Peer group contextual effects on homophobic and dominance attitudes. *Journal of Personality and Social Psychology*, 92(6), 1040–1050.

Shulman, H. C. & Levine, T. R. (2012), Exploring Social Norms as a Group-Level Phenomenon: Do Political Participation Norms Exist and Influence Political Participation on College Campuses? *Journal of Communication*, 62: 532–552.

Slater, M. D., Henry, K. L., Swaim, R. C., & Anderson, L. L. (2003). Violent Media Content and Aggressiveness in Adolescents: A Downward Spiral Model. *Communication Research*, 30(6), 713–736.
(with latent growth curve)

Van Swol, L. M., & Seinfeld, E. (2006). Differences Between Minority, Majority, and Unanimous Group Members in the Communication of Information. *Human Communication Research*, 32(2), 178–197.

Wojcieszak & Mutz (2009). Online Groups and Political Discourse: Do Online Discussion Spaces Facilitate Exposure to Political Disagreement? *Journal of Communication*, 59(1), 40-56.

Wolbrecht, C., & Campbell, D. E. (2007). Leading by Example: Female Members of Parliament as Political Role Models. *American Journal of Political Science*, 51(4), 921–939.

Oct 31 – Week 9 – Empirical Bayes

*** Jackman, S. (2004). Bayesian Analysis for Political Research. *Annual Review of Political Science*, 7(1), 483–505.**

*** Rupp, A. A., Dey, D. K., & Zumbo, B. D. (2004). To Bayes or Not to Bayes, From Whether to When: Applications of Bayesian Methodology to Modeling. *Structural Equation Modelling*, 11(3), 424-451.**

Clark, T. S., & Lauderdale, B. (2010). Locating Supreme Court Opinions in Doctrine Space. *American Journal of Political Science*, 54(4), 871–890.

Clinton, J., Jackman, S., & Rivers, D. (2004). The Statistical Analysis of Roll Call Data. *American Political Science Review*. 98(2): 355-370.

Dominici, F., Peng, R. D., Bell, M. L., Pham, L., McDermott, A., Zeger, S. L., & Samet, J. M. (2006). Fine Particulate Air Pollution and Hospital Admission for Cardiovascular and Respiratory Diseases. *Journal of the American Medical Association*, 295(10), 1127-1134.

Fowler, J. H., Baker, L. A., & Dawes, C. T. (2008). Genetic Variation in Political Participation. *The American Political Science Review*, 102(2), 233-248.

Griffiths, T. L., & Tenenbaum, J. B. (2011). Predicting the future as Bayesian inference: People combine prior knowledge with observations when estimating duration and extent. *Journal of Experimental Psychology: General*, 140(4), 725-743.

Lock, K., & Gelman, A. (2010). Bayesian Combinations of State Polls and Election Forecasts. *Political Analysis*, 18, 337-348.

Jackman, S. (2004). What Do We Learn from Graduate Admissions Committees? A Multiple Rater, Latent Variable Model, with Incomplete Discrete and Continuous Indicators. *Political Analysis*, 12(4), 400-424.

Quinn, K. M., Martin, A. D., & Whitford, A. B. (1999). Voter choice in multi-party democracies: A test of competing theories and models. *American Journal of Political Science*, 43, 1231-1247.

Reed, W., Clark, D. H., Nordstrom, T., & Hwang, W. (2008). War, Power, and Bargaining. *The Journal of Politics*, 70(4), 1203-1216.

Smith, A. (1999). Testing Theories of Strategic Choice: The Example of Crisis Escalation. *American Journal of Political Science*, 43(4), 1254-1283.

Wagenmakers, E.-J., Wetzels, R., Boorsboom, D., & van der Maas, H. L. J. (2011). Why Psychologists Must Change the Way They Analyze Their Data: The Case of Psi: Comment on Bem (2011). *Journal of Personality and Social Psychology*, 100(3), 426-432.

Western, B. (1994). Unionization and Labor Market Institutions in Advanced Capitalism, 1950-1985. *American Journal of Sociology*, 99, 1314-1341.

Western, B. (1998). Causal Heterogeneity in Comparative Research: A Bayesian Hierarchical Modelling Approach. *American Journal of Political Science*, 42(4), 1233-1259.

Western, B., & Pettit, B. (2005). Black-White Wage Inequality, Employment Rates, and Incarceration. *American Journal of Sociology*, 111(2), 553-578.

Nov 7 – Week 10 – Network Analysis

*** Marsden, P. V. (1990). Network Data and Measurement. *Annual Review of Sociology*, 16, 435-463.**

*** Rosvall, M., & Bergstrom, C. T. (2008). Maps of random walks on complex networks reveal community structure. *Proceedings of the National Academy of Sciences*, 105(4), 1118-1123.**

Adamic, L. A., & Glance, N. (2005). The Political Blogosphere and the 2004 U.S. Election: Divided They Blog. *Proceedings of the 3rd Annual Workshop on Link Discovery*, 36-43. Available from:
<http://dl.acm.org/citation.cfm?id=1134271.1134277>

Bearman, P. S., Moody, J., & Stovel, K. (2004). Chains of Affection: The Structure of Adolescent Romantic and Sexual Networks. *American Journal of Sociology*, 110(1) 44-91.

Bearman, P. S., & Parigi, P. (2004). Cloning Headless Frogs and Other Important Matters: Conversation Topics and Network Structure. *Social Forces*, 83(2) 535-557.

Bremer, S. A. (1992). Dangerous Dyads : Conditions Affecting the Likelihood of Interstate War, 1816-1965. *Journal of Conflict Resolution*, 36(2), 309-341.

Centola, D., & Macy, M. (2007). Complex Contagions and the Weakness of Long Ties. *American Journal of Sociology*, 113(3) 702-734.

Cho, H., & Lee, J.-S. (2008). Collaborative Information Seeking in Intercultural Computer-Mediated Communication Groups Testing the Influence of Social Context Using Social Network Analysis. *Communication Research*, 35(4), 548-573.

Christakis, N. A., & Fowler, J. H. (2007). The Spread of Obesity in a Large Social Network over 32 Years. *New England Journal of Medicine*, 357(4) 370-379.

Ennett, S. T., & Bauman, K. E. (1994). The contribution of influence and selection to adolescent peer group homogeneity: The case of adolescent cigarette smoking. *Journal of Personality and Social Psychology*, 67(4), 653-663.

Eveland, W., & Kleinman, S. (2011). Comparing General and Political Discussion Networks Within Voluntary Organizations Using Social Network Analysis. *Political Behavior*, 1-23.

- Fowler, J. H. (2006). Connecting the Congress: A Study of Cosponsorship Networks. *Political Analysis*, 14(4), 456–487.
- Kirkland, J. H. (2011). The Relational Determinants of Legislative Outcomes: Strong and Weak Ties Between Legislators. *The Journal of Politics*, 73(03), 887–898.
- Kossinets, G., & Watts, D. J. (2009). Origins of Homophily in an Evolving Social Network. *American Journal of Sociology*, 115(2), 405–450.
- Krackhardt, D., & Kilduff, M. (1999). Whether close or far: Social distance effects on perceived balance in friendship networks. *Journal of Personality and Social Psychology*, 76(5), 770–782.
- Leifeld, P., & Schneider, V. (2012). Information Exchange in Policy Networks. *American Journal of Political Science*, 56(3), 731-744.
- Podolny, J. M., & Baron, J. N. (1997). Resources and Relationships: Social Networks and Mobility in the Workplace. *American Sociological Review* 62:673-693.
- Reese, S. D., Grant, A. and Danielian, L. H. (1994), The Structure of News Sources on Television: A Network Analysis of “CBS News,” “Nightline,” “MacNeil/Lehrer,” and “This Week with David Brinkley”. *Journal of Communication*, 44: 84–107.
- Scholz, J. T., Berardo, R., & Kile, B. (2008). Do Networks Solve Collective Action Problems? Credibility, Search, and Collaboration. *The Journal of Politics*, 70(2), 393–406.
- Tam Cho, W. K., & Fowler, J. H. (2010). Legislative Success in a Small World: Social Network Analysis and the Dynamics of Congressional Legislation. *The Journal of Politics*, 72(01), 124-135.
- Watts, D. J. (1999). Networks, Dynamics, and the Small-World Phenomenon. *American Journal of Sociology*, 105(2) 493-527.
- Webster, J. G., & Ksiazek, T. B. (2012) The Dynamics of Audience Fragmentation: Public Attention in an Age of Digital Media. *Journal of Communication*, 62(1), 39-56.

Nov 14 – Week 11 – Working with GIS and Spatial Data

* Anselin, L., Le Gallo, J., & Jayet, H. (2008). Spatial Panel Econometrics. In Mátyás, L., & Sevestre, P. (Eds.) *The Econometrics of Panel Data* (pp. 625-660). New York: Springer.

Althaus, S. L., Cizmar, A. M., & Gimpel, J. G. (2009). Media Supply, Audience Demand, and the Geography of News Consumption in the United States. *Political Communication*, 26(3), 249-277.

Altman, M. (1998). Modeling the Effect of Mandatory District Compactness on Partisan Gerrymanders. *Political Geography*, 17(8) 989-1012.

Baybeck, B., & Huckfeldt, R. (2002). Spatially Dispersed Ties Among Interdependent Citizens: Connecting Individuals and Aggregates. *Political Analysis*, 10(3), 261–275.

Berry, W. D., & Baybeck, B. (2005). Using Geographic Information Systems to Study Interstate Competition. *The American Political Science Review*, 99(4), 505–519.

Chen, J. (Forthcoming). Voter Partisanship and the Effect of Distributive Spending on Political Participation. *American Journal of Political Science*.

Crowder, K., & South, S. J. (2008). Spatial Dynamics of White Flight: The Effects of Local and Extralocal Racial Conditions on Neighborhood Out-Migration. *American Sociological Review*, 73(5), 792–812.

Downey, L. (2006). Using Geographic Information Systems to Reconceptualize Spatial Relationships and Ecological Context. *American Journal of Sociology*, 112(2), 567–612.

Gimpel, J. G., Dyck, J. J., & Shaw, D. R. (2004). Registrants, Voters, and Turnout Variability Across Neighborhoods. *Political Behavior*, 26(4), 343–375.

Lee, B. A., Firebaugh, G., Matthews, S. A., Reardon, S. F., Farrell, C. R., & O’Sullivan, D. (2008). Beyond the Census Tract: Patterns and Determinants of Racial Segregation at Multiple Geographic Scales. *American Sociological Review*, 73(5), 766–791.

Leeson, P. T., & Dean, A. M. (2009). The Democratic Domino Theory: An Empirical Investigation. *American Journal of Political Science*, 53(3), 533–551.

Loftin, C., & Ward, S. K. (1983). A Spatial Autocorrelation Model of the Effects of Population Density on Fertility. *American Sociological Review*, 48(1), 121-128.

Matei, S., Ball-Rokeach, S. J., & Qiu, J. L. (2001). Fear and Misperception of Los Angeles Urban Space: A Spatial-Statistical Study of Communication-Shaped Mental Maps. *Communication Research*, 28(4), 429–463.

O’Loughlin, J. (2002). The Electoral Geography of Weimar Germany: Exploratory Spatial Data Analyses (ESDA) of Protestant Support for the Nazi Party. *Political Analysis*, 10(3), 217–243.

Reeves, A., & Gimpel, J. G. (2011). Ecologies of Unease: Geographic Context and National Economic Evaluations. *Political Behavior*.

Ross, C. E., Reynolds, J. R., & Geis, K. J. (2000). The Contingent Meaning of Neighborhood Stability for Residents’ Psychological Well-Being. *American Sociological Review*, 65(4), 581–597.

Tam Cho, W. K. (2003). Contagion Effects and Ethnic Contribution Networks. *American Journal of Political Science* 47(2): 368-87.

Tam Cho, W. K., & Gimpel, J. G. (2012). Geographic Information Systems and the Spatial Dimensions of American Politics. *Annual Review of Political Science*, 15(1), 443-460.

Weidmann, N. B. (2011). Violence “from above” or “from below”? The Role of Ethnicity in Bosnia’s Civil War. *The Journal of Politics*, 73(4), 1178-1190.

Nov 21 – Week 12 – NO CLASS – Thanksgiving

Nov 28 – Week 13 – Survey Weighting and Matching Techniques

*** Arceneaux, K., Gerber, A. S., & Green, D. P. (2010). A Cautionary Note on the Use of Matching to Estimate Causal Effects: An Empirical Example Comparing Matching Estimates to an Experimental Benchmark. *Sociological Methods & Research*, 39(2), 256–282.**

*** Gelman, A. (2007) Struggles With Survey Weighting and Regression Modeling. *Statistical Science*, 22(2) 153-164.**

Berinsky, A. J. (2006). American Public Opinion in the 1930s and 1940s The Analysis of Quota-Controlled Sample Survey Data. *Public Opinion Quarterly*, 70(4), 499–529.

Berk, R. A., & Newton, P. J. (1985). Does Arrest Really Deter Wife Battery? An Effort to Replicate the Findings of the Minneapolis Spouse Abuse Experiment. *American Sociological Review*, 50(2), 253–262.

Berrens, R. P., Bohara, A. K., Jenkins-Smith, H., Silva, C., & Weimer, D. L. (2003). The Advent of Internet Surveys for Political Research: A Comparison of Telephone and Internet Samples. *Political Analysis*, 11(1), 1–22.

Brunell, T. L., & DiNardo, J. (2004). A Propensity Score Reweighting Approach to Estimating the Partisan Effects of Full Turnout in American Presidential Elections. *Political Analysis*, 12(1), 28–45.

Gasper, J., DeLuca, S., & Estacion, A. (2012). Switching Schools Revisiting the Relationship Between School Mobility and High School Dropout. *American Educational Research Journal*, 49(3), 487–519.

Harding, D. J. (2003). Counterfactual Models of Neighborhood Effects: The Effect of Neighborhood Poverty on Dropping Out and Teenage Pregnancy. *American Journal of Sociology*, 109(3), 676–719.

Haviland, A., Nagin, D. S., & Rosenbaum, P. R. (2007). Combining propensity score matching and group-based trajectory analysis in an observational study. *Psychological Methods*, 12(3), 247–267.

Imai, K. (2005). Do Get-Out-the-Vote Calls Reduce Turnout? The Importance of Statistical Methods for Field Experiments. *The American Political Science Review*, 99(2), 283–300.

Lassen, D. D. (2005). The Effect of Information on Voter Turnout: Evidence from a Natural Experiment. *American Journal of Political Science*, 49(1), 103–118.

Mayer, A. K. (2011). Does Education Increase Political Participation? *Journal of Politics*, 73(3), 633–645.

Olson, K. (2006). Survey Participation, Nonresponse Bias, Measurement Error Bias, and Total Bias. *Public Opinion Quarterly*, 70(5), 737–758.

Voss, D. S., Gelman, A., & King, G. (1995). A Review: Preelection Survey Methodology: Details From Eight Polling Organizations, 1988 and 1992. *Public Opinion Quarterly*, 59(1), 98–132.

Yeager, D. S., Krosnick, J. A., Chang, L., Javitz, H. S., Levendusky, M. S., Simpser, A., & Wang, R. (2011). Comparing the Accuracy of RDD Telephone Surveys

and Internet Surveys Conducted with Probability and Non-Probability Samples. *Public Opinion Quarterly*, 75(4), 709–747.

Dec 5 – Week 14 – Count, Event Frequency, Hazard, and Survival Models

*** Singer, J. D., & Willett, J. B. (1991). Modeling the Days of Our Lives: Using Survival Analysis When Designing and Analyzing Longitudinal Studies of Duration and the Timing of Events. *Psychological Bulletin*, 110(2), 268-290.**

*** Box-Steffensmeier, J. M., & Jones, B. S. (1997). Time is of the Essence: Event History Models in Political Science. *American Journal of Political Science*, 41(4), 1414–1461.**

*** Gardner, W., Mulvey, E. P., & Shaw, E. C. (1995). Regression Analyses of Counts and Rates: Poisson, Overdispersed Poisson, and Negative Binomial Models. *Psychological Bulletin*, 118(3), 392-404.**

Berry, C. R., Burden, B. C., & Howell, W. G. (2010). After Enactment: The Lives and Deaths of Federal Programs. *American Journal of Political Science*, 54(1), 1–17.

Bienen, H., & Walle, N. van de. (1992). A Proportional Hazard Model of Leadership Duration. *The Journal of Politics*, 54(3), 685–717.

Box-Steffensmeier, J. M., Arnold, L. W., & Zorn, C. J. W. (1997). The Strategic Timing of Position Taking in Congress: A Study of the North American Free Trade Agreement. *The American Political Science Review*, 91(2), 324–338.

Chiozza, G., & Goemans, H. E. (2004). International Conflict and the Tenure of Leaders: Is War Still Ex Post Inefficient? *American Journal of Political Science*, 48(3), 604–619.

Cowen, J. M., Fleming, D. J., Witte, J. F., & Wolf, P. J. (2012). Going Public Who Leaves a Large, Longstanding, and Widely Available Urban Voucher Program? *American Educational Research Journal*, 49(2), 231–256.

Cornwell, B., Laumann, E. O., & Schumm, L. P. (2008). The Social Connectedness of Older Adults: A National Profile. *American Sociological Review*, 73(2), 185 -203.

Cunningham, D., & Phillips, B. T. (2007). Contexts for Mobilization: Spatial Settings and Klan Presence in North Carolina, 1964–1966. *American Journal of Sociology*, 113(3), 781–814.

Damore, D. F. (2005). Issue Convergence in Presidential Campaigns. *Political Behavior*, 27(1), 71–97.

Isaac, L., & Christiansen, L. (2002). How the Civil Rights Movement Revitalized Labor Militancy. *American Sociological Review*, 67(5), 722–746.

Miller, J. M., & Krosnick, J. A. (2004). Threat as a Motivator of Political Activism: A Field Experiment. *Political Psychology*, 25(4), 507–523.

Minkoff, D. C. (1997). The Sequencing of Social Movements. *American Sociological Review*, 62(5), 779–799.

Nagin, D., & Tremblay, R. E. (1999). Trajectories of Boys' Physical Aggression, Opposition, and Hyperactivity on the Path to Physically Violent and Nonviolent Juvenile Delinquency. *Child Development*, 70(5), 1181–1196.

Nelson, J. F. (1980). Multiple Victimization in American Cities: A Statistical Analysis of Rare Events. *American Journal of Sociology*, 85(4), 870–891.

Rao, H., Monin, P., & Durand, R. (2005). Border Crossing: Bricolage and the Erosion of Categorical Boundaries in French Gastronomy. *American Sociological Review*, 70(6), 968–991.

Scherer, N., Bartels, B. L., & Steigerwalt, A. (2008). Sounding the Fire Alarm: The Role of Interest Groups in the Lower Federal Court Confirmation Process. *The Journal of Politics*, 70(04), 1026–1039.

Yan, M. Z., & Napoli, P. M. (2006). Market Competition, Station Ownership, and Local Public Affairs Programming on Broadcast Television. *Journal of Communication*, 56(4), 795–812.

Dec 12 – Week 15 – Presentations on Applications

Week on Time Series Data, Regression Discontinuity, and Growth Curves?

* Collins, L. M. (2006). Analysis of Longitudinal Data: The Integration of Theoretical Model, Temporal Design, and Statistical Model. *Annual Review of Psychology*, 57, 505-528.

* Johnston, R., & Brady, H. E. (2002). The Rolling Cross-Section Design. *Electoral Studies*, 21, 283-295.

Abramson, P. R., & Inglehart, R. (1986). Generational Replacement and Value Change in Six West European Societies. *American Journal of Political Science*, 30(1), 1-25.

Baker, L. R., & McNulty, J. K. (2011). Self-compassion and relationship maintenance: The moderating roles of conscientiousness and gender. *Journal Of Personality And Social Psychology*, 100(5), 853-873.

Boas, T. C., & Hidalgo, F. D. (2011). Controlling the Airwaves: Incumbency Advantage and Community Radio in Brazil. *American Journal of Political Science*, 55(4), 869-885.

Cahan, S., & Davis, D. (1987). A Between-Grade-Levels Approach to the Investigation of the Absolute Effects of Schooling on Achievement. *American Educational Research Journal*, 24(1), 1-12.

Chaves, M., (1991). Family Structure and Protestant Church Attendance: The Sociological Basis of Cohort and Age Effects. *Journal for the Scientific Study of Religion*, 30(4), 501-514.

Cherlin, A. J., Chase-Lansdale, P. L., & McRae, C. (1998). Effects of Parental Divorce on Mental Health Throughout the Life Course. *American Sociological Review*, 63(2), 239-249.

Gerber, E. R., & Hopkins, D. J. (2011). When Mayors Matter: Estimating the Impact of Mayoral Partisanship on City Policy. *American Journal of Political Science*, 55(2), 326-339.

Hopkins, D. J. (2011). Translating into Votes: The Electoral Impacts of Spanish-Language Ballots. *American Journal of Political Science*, 55(4), 814-830.

Kern, M. L., Reynolds, C. A., & Friedman, H. S. (2010). Predictors of Physical Activity Patterns Across Adulthood: A Growth Curve Analysis. *Personality and Social Psychology Bulletin*, 36(8), 1058 -1072.

Luyten, H., Peschar, J., & Coe, R. (2008). Effects of Schooling on Reading Performance, Reading Engagement, and Reading Activities of 15-Year-Olds in England. *American Educational Research Journal*, 45(2), 319–342.

Orth, U., Robins, R. W., & Widaman, K. F. (2012). Life-span development of self-esteem and its effects on important life outcomes. *Journal of Personality and Social Psychology*, 102(6), 1271-1288.

Plutzer, E. (2002). Becoming a Habitual Voter: Inertia, Resources, and Growth in Young Adulthood. *The American Political Science Review*, 96(1), 41–56.

Prior, M. (2010). You've Either Got It or You Don't? The Stability of Political Interest over the Life Cycle. *Journal of Politics*, 72(3), 747-766.

Robinson, R. V., & Jackson, E. F. (2001). Is Trust in Others Declining in America? An Age-Period-Cohort Analysis. *Social Science Research*, 30, 117-145.

Schafer, M. H., Ferraro, K. F., & Mustillo, S. A. (2011). Children of Misfortune: Early Adversity and Cumulative Inequality in Perceived Life Trajectories. *American Journal of Sociology*, 116(4), 1053–1091.

Slater, M. D., & Hayes, A. F. (2010). The Influence of Youth Music Television Viewership on Changes in Cigarette Use and Association With Smoking Peers: A Social Identity, Reinforcing Spirals Perspective. *Communication Research*, 37(6), 751–773.

Wlezien, C. (1995). The Public as Thermostat: Dynamics of Preferences for Spending. *American Journal of Political Science*, 39(4), 981-1000.