

Quantitative Methods Orals

with Jeremy Porter

Kasey Zapatka

Logic of Inquiry

- **Healey**, The Essentials of Statistics: A Tool for Social Research (2016)
- **Logan**, Making a Place for Space: Spatial Thinking in Social Science (2012)

Ordinary Least Squares Regression

- **Allison**, Multiple Regression: A Primer (1999)
- **Berry**, Understanding Regression Assumptions (1993)
- **Berry and Feldman**, Multiple Regression in Practice (1985)
- **Jaccard**, Interaction Effects in Multiple Regression (2003)
- **Schroeder**, Understanding Regression Analysis (1986)

Application: OLS

- **Faber and Ellen**, Race and the Housing Cycle: Differences in Home Equity Trends Among Long-Term Homeowners (2016)
- **Thompson and Keith**, The Blacker the Berry: Gender, Skin Tone, Self-Esteem, and Self-Efficacy (2001)

Logistic Regression

- **Agresti**, Categorical Data Analysis (2013)
- **DeMaris**, A Tutorial in Logistic Regression (1995)
- **Long and Freese**, Regression Models for Categorical Dependent Variables using Stata (2014)
- **Menard**, Applied Logistic Regression Analysis (2002)
- **Pampel**, Logistic Regression: A Primer (2000)
- **Williams**, Using the Margins Command to Estimate and Interpret Adjusted Predictions and Marginal Effects (2012)

Application: Logistic Regression

- **Freeman and Braconi**, Gentrification and Displacement: New York City in the 1990s (2004)
- **Timberlake and Johns-Wolfe**, Neighborhood Ethnoracial Composition and Gentrification in Chicago and New York, 1980 to 2010 (2017)

Hierarchical Linear Modeling

- **Finch, Bolin, Kelley**, Multilevel Modeling Using R (2014)
- **Raudenbush and Bryk**, Hierarchical Linear Models: Applications and Data Analysis Methods (2002)

Application: Hierarchical Linear Modeling

- **Leishman et.al.**, The Predictive Performance of Multilevel Models of Housing Sub-markets: A Comparative Analysis (2013)
- **Molina**, Foreclosures, Investors, and Uneven Development During the Great Recession in the Los Angeles Metropolitan Area (2015)
- **Sampson, Raudenbush, Earls** Neighborhoods and Violent crime: A Multilevel Study of Collective Efficacy (1997)

Spatial Regression

- **Anselin**, Spatial Econometrics: Methods and Models (1988)
- **Anselin**, Under the Hood Issues in the Specification and Interpretation of Spatial Regression Models (2002)
- **Anselin and Rey**, Properties of Tests for Spatial Dependence in Linear Regression Models (1991)
- **Fotheringham, Brunson, and Charlton**, Geographically Weighted Regression: The Analysis of Spatially Varying Relationships (2002)
- **Ward and Gleditsch**, Spatial Regression Models (2008)

Application: Spatial Regression

- **Cromley**, Neighborhood Characteristics and Depressive Symptoms of Older people: Local Spatial Analyses (2012)
- **Gray**, District House Price Movements in England and Wales 1997–2007: An Exploratory Spatial Data Analysis Approach (2012)
- **Pijnenburg**, The Spatial Dimension of US House Prices (2017)

Missing Data

- **Allison**, Missing Data (2001)
- **Porter and Eckland**, Missing Data in Sociological Research: An Overview of Recent Trends and an Illustration for Controversial Questions, Active Nonrespondents, and Targeted Samples (2012)
- **Rubin**, Multiple Imputation after 18+ Years (1996)

Application: Missing Data

- **Poston**, Missing Data and the Statistical Modeling of Adolescent Pregnancy (2014)

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