

Cornell University ILR School DigitalCommons@ILR

ILR School Theses and Dissertations: A Listing

Bibliographies

10-17-2006

Subject: Statistics, Models, and Measurement

Susan LaCette

Cornell University, skl2@cornell.edu

Follow this and additional works at: http://digitalcommons.ilr.cornell.edu/ilrtheses

This Article is brought to you for free and open access by the Bibliographies at DigitalCommons@ILR. It has been accepted for inclusion in ILR School Theses and Dissertations: A Listing by an authorized administrator of DigitalCommons@ILR. For more information, please contact jdd10@cornell.edu.

Subject: Statistics, Models, and Measurement

Keywords

ILR School, New York State School of Industrial and Labor Relations, thesis, theses, dissertations, graduate

Comments

Suggested Citation

LaCette, S. (Compiler). (2006). *Subject: Statistics, models, and measurement*. Ithaca, NY: Cornell University, School of Industrial and Labor Relations, M. P. Catherwood Library. http://digitalcommons.ilr.cornell.edu/ilrtheses/34



ILR School Theses and Dissertations Categorized by Subject

ILR School Theses and Dissertations: a listing

Compiled by Susan LaCette M. P. Catherwood Library October, 2006

Statistics, Models, and Measurement

- 2006. M.S. Barger, Katherine. **Mixtures of exponential distributions to describe** the distribution of Poisson means in estimating the number of unobserved classes. Advisor: J. Bunge.
- 2005. Ph.D. Deneogean, Lisa Renee. **Improved Approximations of the Density Functions of Estimators in Population Genetics.** Advisor: M. Wells.
- 2005. Ph.D. Yu, Long. Bayesian Analysis of Levy Processes with Financial Applications. Advisor: M. Wells. Statistics.
- 2004. Ph.D. El-Sebakhy, Emad Ahmad. **Functional networks as a new framework for solving pattern classification problems.** Advisor: A. Hadi. *Pattern recognition systems. Statistical decision.*
- 2004. M.S. Horvath, Peter James. **Juror confidence in police testimony : corrective codification of survey response data.** Advisor: M. Wells.
- 2004. Ph.D. Zaretzki, Russell Lee. **Conditional properties of a parametric bootstrap.** Advisor: T. DiCiccio.
- 2003. Ph.D. El-Sheneity, Sahar Abdel-Monem. **Alternative methods to the maximum likelihood in the logistic discrimination model.** Advisor: A. Hadi.
- 2003. Ph.D. Zhang, Dabao. **Bayesian inference for differential gene expression data.** Advisor: M. Wells.
- 2001. M.S. Wu, Yanyan. **Bayesian estimation of optimal portfolio weights.** Advisor: M. Wells.

Portfolio management Statistics. Bayesian statistical decision theory Statistics.

- 2001. M.S. Zhang, Dabao. Simultaneous equation models with mixed coefficients: identification and estimation. Advisor: M. Wells.
- 2000. M.S. Eshleman, Larry Milton. **Prediction of cellular mobile handoffs using a sensor-based detection strategy.** Advisor: M. Wells (Statistics).
- 2000. Ph.D. Hogan, Steven Cannon. **Nonparametric estimation of stochastic volatility models.** Advisor: M. Wells.
- 1998. M.S. Shute, Rachel E. **Assessing punitive damages and adjusting census counts : a hierarchical Bayesian approach.** Advisor: M. Wells.

Exemplary damages--United States--Statistical methods. Regression analysis. United States--Census--Statistical methods.

1998. Ph.D. Trevor, Charles Oliver. **Establishing new relationships within a** traditional voluntary turnover model: the effects of a multidimensional approach to actual ease of movement in the job market. Advisor: B. Gerhart.

Labor turnover United States. Labor mobility United States.

- 1998. Ph.D. Wu, Samuel Shangwu. **Nonparametric estimation of hazard functions.** Advisor: M. Wells.
- 1997. Ph.D. Baird, William Russell. A Monte Carlo method for ordering markers and genes on a genetic map. Advisor: M. Wells.

Gene mapping Statistical methods. Genetics Statistical methods. Monte Carlo method.

- 1997. Ph.D. Borkowf, Craig Brian. **The empirical and parametric bivariate quantile-partitioned distributions.** Advisor: M. Wells.
- 1997. M.S. Debgupta, Shub. **The effects of Indian anti-retrenchment laws on a multi-sector economy.** Advisor: G. Fields.

Labor market India Econometric models. Unemployment India Econometric models. Wages India Econometric models. Job security Law and legislation India. Labor laws and legislation India.

1997. Ph.D. Freeman-Gallant, Adrienne Michele. **Minimum diameter confidence procedures.** Advisor: J. Bunge.

Parameter estimation.

- 1997. Ph.D. Wu, Yuhai. **Minimax estimation of nonparametric regression through white noise problem.** Advisor: M. Wells.
- 1996. Ph.D. Cooper, Michael Gordon. The impact of liquidity constraints on the search behavior of unemployed workers. Advisor: G. Jakubson.

Job hunting Finance Econometric models. Employment re-entry Econometric models. Unemployment Econometric models. Liquidity (Economics).

1996. M.S. Olsen, Cara Hendricks. **Hierarchical Bayes models for small area estimation.** Advisor: M. Wells.

Estimation theory. Bayesian statistical decision theory.

1996. M.S. Voldman, Pascale. **Nonlinear orthogonal distance regression with application to Lorenz curves.** Advisor: A. Hadi.

Regression analysis. Lorenz curve. Parameter estimation. Nonlinear theories.

1995. M.S. Freeman-Gallant, Adrienne Michele. **Orthogonal parameters.** Advisor: J. Bunge.

Parameter estimation.

1995. M.S. Hutcheson, Matthew C. **Trimmed resistant weighted scatterplot smooth.** Advisor: P. Velleman.

Smoothing (Statistics). Digital filters (Mathematics). Numerical analysis.

1995. Ph.D. Walker, John Harris. **The partially ordered linear model.** Advisor: P. Velleman.

Linear models (Statistics). Regression analysis. Parameter estimation.

1995. Ph.D. Wang, Weijing. **Estimation and modeling in bivariate survival analysis.** Advisor: M. Wells.

Survival analysis (Biometry). Multivariate analysis. Estimation theory.

1994. M.S. Baird, William Russell. **Chaotic dynamics of the logistic equation and fractal dimensions of invariant sets.** Advisor: J. Bunge.

Logistic distribution. Chaotic behavior in systems. Invariant measures. Fractals.

- 1994. Ph.D. Lando, David. **Three essays on contingent claims pricing.** Advisor: M. Wells and Professor Jarrow.
- 1994. Ph.D. Lu, Horng-Shing. Latent function and latent density estimation. Advisor: M. Wells.

 Estimation theory. Nonparametric statistics.
- 1993. M.S. Brooks-Cooper, Candace. **The effect of financial incentives on the standardized test performance of high school students.** Advisor: J. Bishop. *Educational tests and measurements United States. Motivation in education.*
- 1993. M.S. Joo, Hyeseon. **An empirical evaluation of procedures for the identification of outliers in multivariate data.** Advisor: A. Hadi.

 Outliers (Statistics). Multivariate analysis.
- 1993. Ph.D. Okunishi, Yoshio. **Internal promotion, wage profiles and mandatory retirement in Japan.** Advisor: R. Hutchens.

Retirement, Mandatory Japan Econometric models. Retirement age Japan Econometric models. Promotions Japan Econometric models. Executives Salaries, etc. Japan Econometric models.

1993. M.S. Walker, John Harris. **Influence measures for the GMANOVA model.** Advisor: P. Velleman.

Regression analysis. Multivariate analysis.

1993. M.S. Wang, Weijing. Linear models and covariance structures for elliptical distributions. Advisor: M. Wells.

Distribution (Probability theory). Differential equations, Elliptic. Multivariate analysis. Linear models (Statistics).

1992. M.S. Fitzpatrick, Mary Francis. **Estimation of parameters from incomplete** data for nonlinear models with applications to compartmental models. Advisor: M.

Wells.

Parameter estimation. Nonlinear functional analysis. Linear models (Statistics). Compartmental analysis (Biology).

1992. M.S. Gunasekera, Suparni. **Simultaneous inference procedures using the method of quasi-likelihood with an application to feedback models.** Advisor: M. Wells.

Estimation theory Asymptotic theory. Parameter estimation. Quasilinearization.

1992. Ph.D. Jersky, Brian. **Identifying and modeling non-stationarity and non-linearity in time series data.** Advisor: A. Hadi.

Time series analysis. Differential equations, Nonlinear.

- 1992. Senior Honors Sturman, Michael Craig. **Validation of expert systems.**Expert systems (Computer science) Validation. Cafeteria benefit plans United States

 Data processing. Personnel management Data processing.
- 1992. Ph.D. Yeo, Kwee Poo. **Density estimation for bivariate censored data.** Advisor: M. Wells.

Failure time data analysis. Estimation theory Asymptotic theory. Nonparametric statistics Asymptotic theory. Multivariate analysis. Kernel functions.

1991. M.S. Wasserman, Paula Gail. **A Bayesian analysis of a mixture of exponentials.** Advisor: M. Wells.

Bayesian statistical decision theory. Mixture distributions (Probability theory). Exponential families (Statistics).

1990. Ph.D. Belzil, Christian. **Unemployment insurance, unemployment and labour market transitions : an empirical analysis with Canadian data.** Advisor: R. Ehrenberg.

Unemployment Effect of unemployment insurance on Econometric models.

Unemployment Canada Econometric models. Insurance, Unemployment Canada Econometric models.

Labor turnover Canada Econometric models.

1990. Ph.D. Bognanno, Michael Leonard. **An empirical test of tournament theory.** Advisor: R. Ehrenberg.

Incentives in industry Mathematical models. Merit pay Mathematical models. Employee competitive behavior Mathematical models. Wages and labor productivity Mathematical models.

1990. M.S. Jersky, Brian. **Statistical analysis of employment discrimination data.** Advisor: A. Hadi.

Discrimination in employment Statistical methods.

1990. M.S. Lu, Horng-Shing. Lattice structures in the bootstrap and nonparametric bootstrap inference for censored data. Advisor: M. Wells. Estimation theory. Error analysis (Mathematics). Sampling (Statistics). Nonparametric statistics. Lattice theory.

1989. M.S. Chang, Ling-Jiuan Joann. **Objective measures of alternative job opportunities and voluntary turnover.** Advisor: B. Gerhart.

Labor turnover United States Econometric models. Labor mobility United States Econometric models. Unemployment United States Econometric models. Job vacancies United States Econometric models. Job satisfaction United States Measurement.

1988. Ph.D. Chan, Elaine K. Labor market consequences of export-led growth with sector-specific wage floors. Advisor: G. Fields.

Foreign trade and employment Econometric models. Wages Econometric models.

1988. Ph.D. Chaykowski, Richard Paul. **The determination of nonwage collective bargaining outcomes : an application to Canadian data.** Advisor: J. Burton.

Employee fringe benefits Canada. Collective bargaining Canada Econometric models.

1987. M.S. Temescu, Carol Davis. **An empirical comparison of adjusted models used to analyze pay data for discrimination.** Advisor: G. Milkovich.

Pay equity. Wages Mathematical models. Discrimination in employment.

1986. M.S. Loria, Catherine Marie. **Approximate PRESS residuals and statistics for logistic regression.** Advisor: L. Stefanski.

Regression analysis.

1985. Ph.D. Greene, Tom H. **Simplicity and structure in underlying systems of linear relationships.** Advisor: P. Velleman.

Matroids. Multivariate analysis.

1985. Ph.D. Phelan, Michael. **Nonparametric inference from Poisson-type counting processes.** Advisor: I. Blumen.

Poisson processes. Nonparametric statistics.

1985. Ph.D. Schwarz, Joshua Lee. **The role of public income security programs in union wage determination.** Advisor: D. Lipsky.

Income maintenance programs United States. Wages United States Mathematical models.

- 1985. Ph.D. Sherman, Daniel Ronald. **Determinants of the individual demand for higher education by sectoral control of institution.** Advisor: R. Ehrenberg. *College choice United States. College choice Mathematical models.*
- 1983. Ph.D. Bazzoli, Gloria J. **The early retirement decision : the influence of health, pensions and social security.** Advisor: G. Fields.

 Early retirement United States Mathematical models.
- 1983. Ph.D. Gangopadhyay, Shubhashis. **Poverty, employment and choice of techniques in a labour surplus economy.** Advisor: G. Fields. *Economic policy--Mathematical models. Economic development--Mathematical*

Economic policy--Mathematical models. Economic development--Mathematical models.

1983. M.S. Greene, Tom H. The analysis of near linear dependencies among the explanatory variables in ordinary least squares regression. Advisor: P. Velleman.

Regression analysis.

- 1983. Ph.D. Koys, Daniel J. **Managerial goal setting and strategy development** : a model of their effects on behavior and performance. Advisor: L. Dyer.
 - Goal setting in personnel management. Performance standards.
- 1983. M.S. Schwarz, Joshua Lee. **The effect of unions on productivity in the newspaper industry.** Advisor: D. Lipsky.

Labor productivity United States Mathematical models. Printing industry Employees Labor unions United States. Newspaper publishing United States.

- 1983. M.S. Sherman, Daniel Ronald. **Teachers' unions and the production and distribution of educational outcomes : the case of California.** Advisor: R. Ehrenberg. Collective bargaining Education United States Mathematical models. Education United States Mathematical models. Collective bargaining Education California.
- 1982. M.S. Bechtell, Michele Louise. A confidence interval for the slope coefficient of the resistant line. Advisor: P. Velleman.

Confidence intervals. Regression analysis. Nonparametric statistics. Robust statistics.

1982. Ph.D. Li, Elizabeth Hon-ming. **A theoretical and empirical analysis of the compensating differentials for cyclical employment variations.** Advisor: R. Ehrenberg.

Human capital--Mathematical models. Wages--Mathematical models. Business cycles.

1982. M.S. Phelan, Michael Joseph. A nonparametric procedure for estimation and classification in bivariate distributions. Advisor: I. Blumen.

Nonparametric statistics. Distribution (Probability theory).

1981. M.S. Bazzoli, Gloria J. **The decision to migrate : a theory of the joint choice of migration and job training investments.** Advisor: R. Hutchens.

Labor mobility United States Mathematical models. Migration, Internal United States Mathematical models. Employees Training of United States Mathematical models.

1981. M.S. Dodt, Harold Renold. **A fixed cost explanation for unionists' hours of work.** Advisor: R. Butler.

Hours of labor United States Mathematical models. Labor unions United States Mathematical models. Labor supply United States Mathematical models. Employment (Economic theory) Mathematical models.

1981. Ph.D. Dumas, Agelia Ypelaar. A generalization of univariate Lehmann populations to the bivariate case with an application to Kendall's tau. Advisor: I.

Blumen.

Multivariate analysis. Mathematical Statistics.

- 1981. M.S. Edelstein, Steven Arthur. An empirical investigation of the behavior of bounded-influence regression estimators. Advisor: P. Velleman. Regression analysis.
- 1981. M.S. Lichtenstein, Carolyn Helen. **Ridge regression and its effect on high leverage points in the data.** Advisor: P. Velleman.

Regression analysis. Correlation (Statistics). Least squares.

- 1981. Ph.D. Mauro, Martin John. **Strikes as a result of imperfect information.** Advisor: R. Ehrenberg.

 Collective bargaining--Mathematical models. Strikes and lockouts.
- 1980. Ph.D. Luckett, James Pearson. **Estimating unemployment duration and unemployment flows from cross-section data.** Advisor: R. Ehrenberg.

 Unemployment--Mathematical models.

 Labor turnover--Mathematical models.
- 1980. M.S. McDermott, Edward Patrick, United States. National Labor Relations Board. and United States. An analysis of the reinstatement remedy under the National Labor Relations Act. Advisor: D. Cullen.

Employees Reinstatement Law and legislation United States. Employees Dismissal of Law and legislation United States. Regression analysis.

1980. Ph.D. Scherer, Peter Andrew. **Wage policies and income distribution in an open economy with special reference to the Australian context.** Advisor: R. Ehrenberg.

Wage-price policy Australia Mathematical models. Income distribution Australia Mathematical models.

1979. Ph.D. Allen, Isabel Elaine. Some properties of estimated asymptotic variances and covariances for loglinear models in multidimensional contingency tables. Advisor: I. Francis.

Contingency tables. Analysis of variance.

1979. M.S. Kaplan, Bruce Alan. **A comparison of methods and programs for computing variances of estimators from complex sample surveys.** Advisor: I. Francis.

Analysis of variance. Sampling (Statistics).

- 1977. M.S. Driscoll, Eileen Frances. **Some measures of regression package performance.** Advisor: I. Francis.
- 1977. Ph.D. Kane, William Duncan Jr. **Technology and the perception of power.** Advisor: S. Bacharach.

Power (Social sciences) Mathematical models. Technological complexity. Organizational behavior. Power (Social sciences).

1977. M.S. Miller, John E. **Modeling syntactic performance with a probabilistic phrase structure grammar.** Advisor: I. Francis.

Linguistic models. Grammar, Comparative and general Syntax.

1976. Ph.D. Bobko, Philip. **On two new measures of multiple rank correlation.** Advisor: I. Blumen.

**Correlation (Statistics).

1975. M.S. Pinciaro, Susan Jeanne. The small sample behavior of Kendall's tau under a specific alternative hypothesis. Advisor: I. Blumen.

Kendall, Maurice G. 1907-. Sampling (Statistics).

1975. M.S. Valliant, Richard L. **A comparison of three mobility models.** Advisor: P. McCarthy. *Labor mobility Mathematical models.*

1973. M.S. Conklyn, Elizabeth Deborah. **A test of the four-factor model of decision-making.** Advisor: N. Rosen.

Decision making Mathematical models. Decision making Case studies.

- 1973. Ph.D. Farbman, Michael Edward. **An econometric analysis of variations in the size distribution of family incomes in U. S. cities, 1960.** Advisor: W. Galenson. *Income United States. Income Mathematical models. Economics, Mathematical.*
- 1972. M.S. Miller, Renée Helen. **Estimation of parallel multiple regression equations when an additional unclassified observation is available.** Advisor: I. Blumen.

Mathematical statistics.

1972. Ph.D. Swimmer, Eugene Roy. **Measurement of the effectiveness of urban law enforcement; a simultaneous equations approach.** Advisor: L. Perl. Law enforcement United States. Cities and towns United States. Criminals United States. United States Social policy.

1971. Ph.D. Arbuthnot, Jack Braeden. Field independence and maturity of moral judgement, critical distinctive feature analysis, and perceived locus of control. Advisor: L. Gruenfeld.

Perception. Psychometrics. Psychology.

1971. M.S. Mangold, Donald Carl. **A statistic for testing grouped correlated variates.** Advisor: I. Blumen. *Correlation (Statistics). Statistics.*

1970. Ph.D. Chapman, David Welland. Cluster sampling and approximate distribution-free confidence intervals for a median. Advisor: P. McCarthy.

Sampling (Statistics). Mathematical statistics.

- 1970. M.S. Gilman, Barry Martin. **Effect of basing exclusion intervals on sample data for binomial observations subject to misclassification.** Advisor: P. McCarthy. *Mathematical statistics. Error analysis (Mathematics).*
- 1969. M.S. Butelmann, Aurelio. **Productivity and wage determination: a microeconomic model for the Gran Mineria of copper in Chile.** Advisor: R. Raimon.

 Copper industry and trade Chile. Wages Copper industry Chile. Wages and labor productivity Chile. Labor economics Mathematical models.
- 1968. M.S. Segre, Malvina. The Buenos Aires fertility study: estimation of variance by the balanced half-sample replication method and analysis of some results of the survey. Advisor: P. McCarthy.

Fertility. Argentina Population. Argentina Statistics, Vital.

1967. Ph.D. Balk, Walter L. **Certain social psychological aspects of supervisory performance quantification in large work organizations.**

Supervision of employees. Psychology, Industrial. Employee attitude surveys. Work measurement. Organization.

- 1967. M.S. Wells, Mary Finan. **An approximate bivariate confidence region.** *Mathematical statistics. Sampling (Statistics).*
- 1967. M.S. Wiseman, Frederick. Procedures for ranking n elements when only ${\bf k}$ (${\bf k}$ less than n) can be compared at a single time.

Mathematical statistics.

1966. M.S. Chapman, David Welland. An approximate test of independence based on replications of a complex sample survey design.

Sampling (Statistics). Mathematical statistics.

1966. Ph.D. Goodman, Paul Samuel. **A study of time perspective: measurement and correlates.**

Time perspective. Psychology, Industrial. Organization.

1966. Ph.D. Howard, William Anthony. Money wage determination in United States manufacturing industry: a statistical model derived from an analysis of the variables involved in the Eckstein and Wilson model of wage determination.

Wages United States. Wages.

1964. M.S. McPartland, James Michael. **On the multivariate analysis of interaction for nominal variables.**

Psychometrics. Scale analysis (Psychology). Social sciences Methodology.

1963. Ph.D. Hulin, Charles Lee. **A linear model of job satisfaction.** *Job satisfaction.*

1961. M.S. Garza-Hernandez, Thomas. **An approximate test of homogeneity on the basis of a stratified random sample.**

Mathematical statistics.

1961. Ph.D. Rushforth, Norman Burleigh. A comparison of sample correlation matrices and a multivariate analysis of job concepts of selected industrial executive groups.

Matrices. Mathematics. Executives.

1958. M.S. El-Agizy, Mostafa N. Nonparametric tests for trend : an experimental investigation of power.

Nonparametric statistics.