

---

## Department of Experimental Statistics Technical Reports Special Problem Series

Series No.	Title	Author
SP-76-001	<i>Scaling Social Data Across Time: A Comparison Of Samples And Techniques</i>	David C. Blouin
SP-76-002	<i>Student Attrition in The College of Agriculture, Louisiana State University: A Pilot Project</i>	Leigh W. Murray
SP-76-003	NA	Thornton Cofield
SP-76-004	NA	Mike Raymond
SP-77-005	NA	Soon Kim
SP-77-006	NA	Saidi Moin
SP-77-007	NA	Karen Daniels
SP-77-008	<i>Analysis of Pitch Canker Disease in Florida Splash Pine Seed Orchards</i>	Jonathan Goyert
SP-77-009	<i>Using U-Model Techniques to Test Hypotheses in the Least-Squares Model</i>	E. A. Icaza
SP-77-010	<i>Parametric Versus Nonparametric Statistics: An Example in Fisheries</i>	Gary E. Saul
SP-77-011	NA	Beulah Clark
SP-78-012	<i>The Application of Statistical Principles in Fitting the Best Great Circle to Points on a Sphere</i>	Philip J. d'Almada
SP-78-013	<i>Multivariate Analysis of Variance Versus Univariate Analysis of Variance: An Example in Forestry</i>	Chin-Chun Liu
SP-78-014	NA	Nancy Noell
SP-78-015	<i>Selection of the Best k-Subset of p-Variables in Discriminant Analysis</i>	Maria Kalcic
SP-78-016	<i>Use of a Robust Method of Multiple Linear Regression with Biological Data</i>	Lynndall Keller
SP-79-017	<i>The Use of Profile Similarity Coefficients When Dimensions Are Not Independent</i>	Steven Mark Buco
SP-79-018	<i>A Comparison of Several Segregation Indices</i>	Hope Maria Eyster
SP-79-019	NA	Nelson May

---

## Department of Experimental Statistics Technical Reports Special Problem Series

Series No.	Title	Author
SP-79-020	<i>An Application of Full Rank Test of Hypothesis in a Repeated Measures Design</i>	David R. Carter
SP-79-021	<i>A Comparison of Methods Fitting Von Bertalanffy Growth Curve</i>	Yew-Hu Chien
SP-79-022	<i>Univariate Versus Multivariate Procedures in the Analysis of Repeated Measures an Example in Physical Education</i>	Gabie Ellis Church
SP-79-023	<i>The Study on Relationship Between Arthropods in Conventional Row &amp; Narrow Row Soybeans in Louisiana Using the Sweepnet Methods of Sampling</i>	Mohamad Noon Hassan
SP-80-024	NA	Y. Goh
SP-80-025	NA	Zahrah Haji Talib
SP-80-026	NA	A. Mohammed
SP-80-027	<i>An Aid in Wildlife Data Interpretation the Analysis of Multiway Contingency Tables</i>	David E. Steffen
SP-80-028	NA	Deborah Babcock
SP-80-029	NA	David Garton
SP-80-030	<i>Missing Cells Data Analysis Under a Constrained 'U' Model</i>	Dorinda Love Casanova
SP-80-031	NA	Gerald Dill
SP-80-032	<i>The Cell Means Model as an Analytical Tool for Evaluating SAS GLM Type III and IV Sums of Squares for Linear Models with Missing Cells</i>	Richard Lincoln Miller
SP-80-033	<i>Testing Equality of Variances Assumption in the Evaluation of Protein and Calorie Supplementation Programs Using Anthropometric Variables and Indices on Longitudinal Basis</i>	Ricardo Sibrian
SP-80-034	<i>Reliability of the Leslie and Delury Method in Estimating Capture Rate and Population Size</i>	John F. Witzig
SP-80-035	NA	Michael Wood
SP-81-036	NA	Charles Bassenye-Mukasa
SP-81-037	NA	Kim Kubasek
SP-81-038	NA	David Morris

---

## Department of Experimental Statistics Technical Reports Special Problem Series

Series No.	Title	Author
SP-81-039	<i>Physical Fitness and Nutritional Status in Agricultural Workers 20-59 Years of Age</i>	Rafael Flores
SP-81-040	<i>A Diallel Cross Analysis of Heat Tolerance in Tomatoes</i>	Hanna Yacoub Hanna
SP-81-041	<i>An Interrupted Time Series Analysis of the Impact of the Anti-Smoking Campaign on Cigarette Consumption</i>	Karen Chance Jones
SP-81-042	NA	Michael Kearney
SP-81-043	<i>A Nonparametric Analysis of the p Treatment Three Period Switchback</i>	Mark Christopher Michael
SP-81-044	NA	Roy Morsink
SP-81-045	<i>The Effect of Periodic Flooding of a Green Tree Reservoir on the Growth of Nuttall Oak: An Application of Intervention Analysis</i>	David W. Carlile
SP-81-046	<i>Piecewise Regression</i>	Kirk Easley
SP-81-047	<i>An Application of Discriminant Function Analysis and Classification to the Identification of Larval Fishes</i>	Gary Donald Hutton
SP-81-048	<i>Vegetation Patterns in a Brackish Marsh Transition Zone in the Barataria Basin, Louisiana</i>	Barnes Johnson
SP-81-049	NA	Alice Kirby
SP-82-050	NA	William Bushnell
SP-82-051	<i>The Development of a SAS Software Package for Maintaining and Utilizing a Nutritional Analysis System</i>	Penny T. Culley
SP-82-052	NA	Richard Harder
SP-82-053	NA	Leonor Lorica
SP-82-054	NA	James Wassell
SP-82-055	<i>A Non-Parametric Analysis of Variance SAS Procedure</i>	George Dallas Williams
SP-82-056	NA	Mary Feaga
SP-82-057	<i>Simulation of Theoretical Experiment</i>	Mohd. Majid Konting
SP-82-058	<i>Ohio Wood Duck Nest Box Survey for 1982</i>	Brian E. Boyer

---

## Department of Experimental Statistics Technical Reports Special Problem Series

Series No.	Title	Author
SP-82-059	NA	Kai-Yin Chung
SP-82-060	NA	William Dolman
SP-82-061	NA	Bernard Gordon
SP-82-062	NA	Glenn Itano
SP-83-063	<i>A Geometric Look at Repeated Measures Design with Unequal Subjects Within a Factor and Missing Observations</i>	Ahmad Bin Alwi
SP-83-064	<i>A Comparison of Variable Selection Techniques in Multi-Group Discriminant Analysis</i>	Donald Hodson
SP-83-065	<i>The Use of Non-Parametric Methods in the Statistical Analysis of the Three Period Change-Over Design</i>	Zalina Mohd Daud
SP-83-066	<i>Log Volume Estimation with Spline Approximation</i>	Calvin J. Liu
SP-83-067	<i>The New Mcat and Pre-Professional Grades in Relation to Veterinary School Performance</i>	Brian D. Roth
SP-83-068	<i>A Method for Hypotheses Testing in Two Way Cross-Classified Design with Missing Cells</i>	Mattana Sanguanruang
SP-83-069	<i>Evaluation of an Interactive Computer Program for Analysis of Mixture of Distribution</i>	Marcos Velez-Duran
SP-83-070	<i>Parameter Estimation for Interdependent Multisource Regression</i>	Ruby Evans
SP-83-071	<i>Using Sequential Analysis to Determine Which of Two Normally Distributed Populations Has the Larger Mean</i>	Charles Ike Ezigbo
SP-83-072	<i>Detection of Outliers and Influential Observations in Length-Weight Relationships of Marine Fish</i>	Deborah A. Fuller
SP-83-073	<i>An Application of Transfer Function Models to Water Quality Data</i>	James Grimes
SP-83-074	<i>A Mixed Model</i>	Donald Mercante
SP-83-075	<i>Modeling Diameter Distribution in Southern Pine Plantations</i>	Bernard Ross Parresol
SP-83-076	NA	Ronald Roullier
SP-83-077	<i>Chernoff-Type Faces Used in a Discriminant Analysis</i>	Lisa M. Ryan
SP-83-078	<i>A Comparison of Four Linear Estimates for the Parameters of a Smallest Extreme Value Distribution Under Censored II Typed Data</i>	Sanphetch Thongiam

---

## Department of Experimental Statistics Technical Reports Special Problem Series

Series No.	Title	Author
SP-84-079	NA	Danny Lee
SP-84-080	<i>A Comparison of the Accuracy of Profile Similarity Coefficients Under Nonorthogonal Conditions</i>	Sandra B. Suarez
SP-84-081	<i>An Algorithm for Computing the Expected Values and Variances of the Order Statistics from the Standardized Smallest Extreme Value Distribution</i>	Charles F. Kirby, Jr.
SP-84-082	<i>Research Project on the Effect of Violation of Assumptions in Anova</i>	Lii-Jin (Carol) Lo
SP-85-083	<i>Performance of Anova Under a Beta Distribution with Both Equal and Unequal Variance</i>	John F. Butcher
SP-85-084	<i>The Impact of Misspecification of the Negative Binomial Shape Parameter in Sequential Sampling Plans</i>	Pin Whei Chen
SP-85-085	<i>Using Multivariate Statistical Methods to Analyze Fish Species Abundance and Associated Environmental Data in a North Carolina Estuary</i>	Susan P. Duke
SP-85-086	<i>Estimation of the Instantaneous Total Mortality Coefficient for the Gastropod <i>Concholepas Concholepas</i> from Growth and Size Information</i>	Carlos A. Garces
SP-85-087	<i>Understanding the Decision to Drop Out of High School--A Covariance Structure Analysis</i>	Barbara K. Gustavson
SP-85-088	NA	Shigeharu Hashimoto
SP-85-089	<i>Comparison of Canada Goose Recovery Distributions Aided by Cluster Analysis</i>	Richard L. Kasul
SP-85-090	<i>A Simplified Financial-Regression Model of the Cash Reserve Position of Commerical Banks in Uganda</i>	Polycarp Musinguzi
SP-85-091	<i>A Test Statistic on the Main Effect A in the Two-Factor Repeated Measures Design</i>	Cholrudee Rungaroonthaik
SP-85-092	<i>Goodness of Fit for the Two-Parameter Weibull Distribution</i>	Patricia J. Wozniak
SP-85-093	<i>Using Time Series Models to Predict Prison Population</i>	Binshan Lin
SP-85-094	<i>Error Rates and the Distribution of Unequal Samples Sizes for Multiple Comparisons</i>	Yoping Monica Tsui
SP-85-095	<i>Use of Beattie-Type Cumulative Sum Chart to Control the Average Weight of 1-Gal Vit-D Milk Cartons</i>	Paul M. Au

---

## Department of Experimental Statistics Technical Reports Special Problem Series

Series No.	Title	Author
SP-85-096	<i>Some Aspects of Analysis of Data on Simplified Measurement Scales</i>	Jiuan Jiuan (Alice) Hwang
SP-85-097	<i>Logistic Regression</i>	Christine Lee
SP-85-098	<i>The Robustness of Likelihood Ratio Test in Small Sample Situations</i>	Jing-jer (Bob) Lo
SP-86-099	<i>Economic Estimates of Energy Demand for the OECD NA JAPAN NA</i>	Jochen Jungeilges
SP-86-100	<i>Use of Discriminant Analysis on Loan Data</i>	Theresa Storms
SP-86-101	<i>Design and Analysis of Taste Testing Experiments</i>	Marc Lor
SP-86-102	<i>Empirical Distributions of Four Measures of Change</i>	Wendy A. Wattigney
SP-86-103	<i>Stripped and Spotted Cucumber Beetle (Coleoptero Chrysomelidae) Seedling Damage on the Development of Summer Squash</i>	Michael John Brewer
SP-86-104	<i>Comparison of Various Methods for Analyzing Binomial Data</i>	Michael G. Donnelly
SP-86-105	<i>A Bivariate Time Series Forecasting Model of Salinity Levels for Coastal Eastern Louisiana</i>	Frank Edward Forkin
SP-86-106	<i>Growth Rates of Small Alligators at Lacassine National Wildlife Refuge</i>	Thomas Soeder
SP-87-107	<i>Survival Analysis as an Attempt to Understand the Retention Rate of Prison Population in Louisiana</i>	Catherine Shuk Chun Chun
SP-87-108	<i>Staggered Nested Designs in Variance Component Estimation</i>	Louis Munyakazi
SP-87-109	<i>A Statistical Methods Tutorial (Statut): The Development of a Knowledge-Based System</i>	Raytai Wu
SP-87-110	<i>An Examination of Significant Values of R-squared in Stepwise Regression</i>	Peng-Ching Chu
SP-87-111	<i>An Equation for Estimating the Optimum Bending Coefficient for a Selection Index</i>	Veronica Nell Taylor
SP-87-112	<i>A Monte Carlo Evaluation of Two Fishery Population Models</i>	Michael J. Millard
SP-87-113	NA	Mary Teresa Dzindolet
SP-87-114	<i>Reliability of Catch Per Unit of Effort as an Index of Abundance when the Assumption of Random Sampling Is Not Met</i>	Patricia Hansen
SP-87-115	NA	Roy Harold Sorbet, Jr.

---

## Department of Experimental Statistics Technical Reports Special Problem Series

Series No.	Title	Author
SP-88-116	NA	Ben-Huai Lye
SP-88-117	<i>The Usual Anova Test for Lognormal Data--A Simulation Study</i>	Ruiqing Jiang
SP-88-118	NA	Wei Fong Oh Hwang
SP-88-119	<i>Improved Simple Techniques for Identifying Africanized and European Honey Bees</i>	Vicki A. Lancaster
SP-88-120	<i>Goodness-Of-Fit for the Weibull Distribution with Censored Samples and Estimated Parameters</i>	Xiaozhu Li
SP-89-121	<i>Spatial Analysis of Deer Harvest and Habitat Data from a Georgia Wildlife Management Area</i>	Rebecca A. Gautreaux
SP-89-122	NA	Richard Paul Neafus, Jr.
SP-89-123	<i>Analysis of Percent Bored Internode Data Collected from Sugarcane Borer Varietal Resistance Evaluations</i>	Ricardo T. Bessin
SP-89-124	<i>25-Year, 24-Hour Rainfall Analysis for the State of Louisiana</i>	Tungshan Chou
SP-89-125	<i>The Use of Generalized Linear Models with Binary Response Variables to Estimate the Time of Sex Determination In Reptiles</i>	Patrick K. Keane
SP-89-126	<i>An Empirical Study on the Standard Error of Heritability Estimates</i>	Heidi B. Laxamana
SP-89-127	<i>Hypothesis Tester: A Statistical Expert System</i>	Leah H. PochT
SP-90-128	<i>A Simulation Study: Evaluating the Performance of Five Methods of Constructing Exact 84% Nonparametric Confidence Intervals for Various Underlying Distributions</i>	Gregory D. Ayers
SP-91-129	<i>A Logistic Model of Farm Debt-To-Asset Ratio</i>	Fides Rosario Goloso
SP-91-130	<i>Evaluation of Correspondence Analysis for the Selection of a Core Group from the USDA-ARS Rice Germplasm Collection</i>	Marieanne Holloy
SP-91-131	<i>Use of Response Surfaces as an Adjustment Method for the Modified Augmented Design</i>	Jeffrey N. Jonkman
SP-91-132	<i>Analysis of Insulin Secretion Data, A Comparison of Methods</i>	Philip A. Rutledge
SP-91-133	<i>Confidence Interval for the Product of Two Independent Positive Random Variables</i>	Ming Sun
SP-91-134	<i>A Simulation Power Study for Two-Sample Inference Based on One-Sample Nonparametric Confidence Intervals</i>	Guang Yang

---

## Department of Experimental Statistics Technical Reports Special Problem Series

Series No.	Title	Author
SP-91-135	<i>Construction of a Mechanistic Model of Cucumber Beetle (<i>Diabrotica spp.</i>) Injury to Seedling Summer Squash (<i>Cucurbita pepo L.</i>)</i>	Vladimir K. Degen
SP-91-136	<i>Spatial Statistical Analysis of Colon Cancer Data Using Join Count Statistics--A Study of the Usefulness of Geographic Information Systems in Performing the Analysis</i>	Amy Barrilleaux Dellinger
SP-92-137	NA	Eleanor H. Boatright
SP-92-138	<i>Testing for Differences Between Two Poisson Distributions</i>	Lian Mao
SP-92-139	<i>Meiofaunal Utilization by Juvenile Spot (<i>Leiostomus Xanthurus</i>): A Statistical Analysis</i>	John N. McCall
SP-92-140	<i>Relative Efficiencies of Some LR-Estimators for Type II Censored Data</i>	Lisette Renee Bergeron
SP-92-141	NA	Cheng Rong
SP-92-142	<i>Correspondence Analysis for Patterns of Avian Species Distribution in a Mixed Pine-Upland Hardwood Forest in Central Louisiana</i>	Ying Zhu
SP-93-143	<i>Error Rates and Power for Ten Multiple Comparison Procedures in the Situation of Equal Variances and Equal Sample Sizes</i>	Rong Ji
SP-93-144	<i>Distribution Models of Individual Tree Volume Ratio to Any Top Height</i>	Kunjin Shi
SP-93-145	<i>Application of Autocorrelation to the Spatial Pattern of Meiofauna</i>	Bin Sun
SP-93-146	<i>A Simulation Study of One-Step Ridge Parameter Estimation for an Exponential Response in Generalized Linear Regression</i>	Zhihai Zheng
SP-93-147	<i>Dynamic Treatment Allocation in Controlled Clinical Trials: Balancing for Prognostic Factors</i>	Cathryn Jacobson Rankin
SP-93-148	<i>Meta-Analysis of Randomized Placebo-Controlled Clinical Trials of Drugs Used to Promote Weight Loss in Obese Subjects</i>	Lillian Carroll Cutshall
SP-93-149	<i>Using Order-Estimation Procedures in Markov Models with Binary Response Variables to Improve Power</i>	David M. Gardner
SP-93-150	<i>Multivariate Analysis of Factors Associated with Deer Hunting in Louisiana</i>	Pin Xue
SP-93-151	<i>Procedures for Analyzing Binary Mastitis Data</i>	Chaohui You
SP-93-152	<i>Locally Weighted Regression Loess</i>	Xu Zhang



---

## Department of Experimental Statistics Technical Reports Special Problem Series

Series No.	Title	Author
SP-94-153	<i>Two Outlier Diagnostics for Factor Analysis</i>	Youwen Ouyang
SP-94-154	<i>Multivariate Regression Models for Testing 'Near' Equilibrium Conditions for Smectites in Acidic Soils of Northwest Louisiana</i>	James Shao
SP-94-155	<i>Analysis of Repeated Measures with Missing Data</i>	Xin Song
SP-94-156	<i>Fitting Stagewise and Multiple Regression Models on Apolipoprotein Aiv Polymorphism Data</i>	Anabella C. Fabellar
SP-94-157	<i>Modeling Cumulative Flowering of Azaleas Using a Three-Parameter Weibull</i>	Yuxian Jiang
SP-94-158	<i>Evaluating the Techniques that Are Used to Evaluate the Measurement Process</i>	Raymond A. Morris
SP-94-159	<i>Prediction Intervals for a New Observation when the Data are Type I Censored from an Exponential Distribution</i>	Wenjie Sun
SP-94-160	<i>Data Collection and Statistical Analysis for Family Studies</i>	Fei Ye
SP-95-161	<i>Non-response Models in Longitudinal Data Analysis</i>	Yuju Ma
SP-95-162	<i>The Use of Ratio and Regression Estimators to Estimate Fish Abundance Indices</i>	Sidina Ould Dedah
SP-95-163	<i>Using Poisson Regression with an Overdispersion Parameter to Model Water Weevil Infestation Levels in Rice</i>	Xiaofei Wu
SP-95-164	<i>Determining Paternity in Polyploids: Hexaploid Simulation Studies</i>	Mario Ignacio Buteler
SP-95-165	<i>Analysis of Switch-back Designs</i>	Jiang Ying Li
SP-95-166	<i>Multiresponse Antedependence Models</i>	Scott Alan Scheffler
SP-95-167	<i>An Application of Maximum Likelihood Estimation in the Assessment of Informative Dropouts in Longitudinal Data</i>	J. Krause Wilson
SP-95-168	<i>Power Considerations when Removing Variables in Regression Model</i>	Qun Zhu
SP-96-169	<i>Space Curves for Ecological Ordination</i>	Stephen M. Redmann, Jr.
SP-96-170	<i>General Analysis of Covariance</i>	Clifford Baiamonte
SP-96-171	<i>Variance Components for Phenotypic Stability Analysis</i>	Robert T. Magari
SP-96-172	<i>Simultaneous Inference Procedures with Unequal Sample Sizes</i>	Yelitza Maria Prada

---

## Department of Experimental Statistics Technical Reports Special Problem Series

Series No.	Title	Author
SP-96-173	<i>U.S. Demand for Headless Shell-on Shrimp in the International Shrimp Market</i>	Yunsheng Song
SP-96-174	<i>Estimating Fish Ploidy Using Non-linear Regression with Inverse Prediction</i>	Songkai Yan
SP-96-175	<i>Analysis of Growth Models for American Alligators in Louisiana</i>	Zhen Zhao
SP-96-176	<i>An Overview of Incomplete Block Designs with an Example Illustrating the Recovery of Inter-Block Information</i>	Kathleen Marie Feaheny
SP-96-177	<i>An Exploratory Study of Applying a Random Coefficient Model to Change Trend Analysis</i>	Jian Luo
SP-96-178	<i>Diallel Analyses for Griffing's Model I and III: A Multi-Environmental Model for Partitioning Reciprocal mean Squares into Maternal and Non-maternal Mean Squares</i>	Yudong Zhang
SP-97-179	<i>Analysis of Type I Censored Weibull Data from a Life Test with No Failures</i>	Chris Dorger
SP-97-180	<i>Robustness of Sequential Sampling Plans Derived from Sequential Probability Ratio Test</i>	Shiow-Horng Hwang
SP-97-181	<i>Fitting Reference Quantile Curves with Smooth Median, Variance, and Power Transformation</i>	Samson Anthony Martin
SP-97-182	<i>Using Principal Component Methods to Explore Repeated Measures Data</i>	Keith Michael Poche'
SP-97-183	<i>The Use of Summary Measures in the Analysis of Metabolic Data for a Simulated Weightless Environment</i>	Peter James Wickersham
SP-97-184	<i>Common Remedies for the Over-dispersion Problem in Poisson Regression Models</i>	Brent Gordon Burger
SP-97-185	<i>Modeling Learning Efficacy, Classroom Learning Environment, and Class Characteristics: An Application of Hierarchical Linear Models</i>	Xia Liu
SP-97-186	<i>An Empirical Study of Binary Choice Models, Discriminant Analysis and Survival Analysis for the Classification of Stocks During Market Downs</i>	Kurtay Ogunc
SP-97-187	<i>Determining the Number of Factors</i>	Victor Snipes Swaim
SP-98-188	<i>BACI Analysis of the Inshore Zooplankton and Ichthyoplankton Components of the LOOP Monitoring Program</i>	Joseph Sater Cope
SP-98-189	<i>Alligator Survival Analysis</i>	Dongmei He

---

## Department of Experimental Statistics Technical Reports Special Problem Series

Series No.	Title	Author
SP-98-190	<i>A Bayesian Solution to Ill-conditioned Information Problems in Generalized Linear Models</i>	Silvia Morales-Michel
SP-98-191	<i>A Logistic Model of the Use of Seclusion in a LA State Psychiatric Hospital</i>	Michelle Abernathy
SP-98-192	<i>Maximum Likelihood Inference for the Generalized Pareto Distribution</i>	Anthony Joseph Alfonso
SP-98-193	<i>A Comparison of Statistical Techniques in the Analysis of Water and Materials Fluxes Between Wetlands and the Coastal Ocean over Different Time Scales</i>	Philippe Francois Hensel
SP-98-194	<i>Logistic Model and Cox Model in Evaluating the Effect of Gender on Mortality after Acute Myocardial Infarction</i>	Xiaoji (Shirley) Huang
SP-98-195	<i>Modeling Cotton Fruiting Behavior Using Logit Models</i>	Hanxin Wei
SP-98-196	<i>Alternative Statistical Approaches for Analyzing Consumer Acceptability Data</i>	Mohamed Ahmedna
SP-98-197	<i>The Use of Structural Equation Modeling Via Proc Calis to Examine the Differences in the Structure of Self-Concept for Ethnic Groups</i>	Mindy Crain-Dorough
SP-98-198	<i>Determination of Optimum Ingredients for Stabilized PG Composites--Response Surface Analysis with Process Variables</i>	Tingzong Guo
SP-98-199	<i>Non-parametric and Parametric Survival Analysis of Mental Health Admission Stays</i>	Weicheng Hu
SP-98-200	<i>Growth Model Comparison and Simultaneous Estimation Technique in Forestry</i>	Shiansong Li
SP-98-201	<i>Outliers and Influential Observations in Linear Regression. Considerations on Bounds for Identifying Influential Observations</i>	Ovidiu Romanoschi
SP-98-202	<i>Using Robust Average Variance Estimate (RAVE) Method for Variance Components Estimation and Fixed Effect Testing in Mixed Model</i>	Xianghua (Annie) Zhang
SP-99-203	<i>Analysis of Bovine Sperm Hyperactivation Rate Using Repeated Measures and Response Surface Analysis</i>	Bei Chen
SP-99-204	<i>Longitudinal and Loglinear Modeling to Investigate the Relationships of Teen Usage of Alcohol, Cigarettes, and Marijuana to Adolescent Self-Perception</i>	Aruna Lakshmanan
SP-99-205	<i>A Statistical Model for Assessing Sensory Neural Status in Hansen's Disease Patients</i>	Larry A. Pfeifer

---

## Department of Experimental Statistics Technical Reports Special Problem Series

Series No.	Title	Author
SP-99-206	<i>Maximum Likelihood Estimation in Detecting Quantitative Trait Loci Controlling Early Height Growth of Longleaf Pine and Slash Pine Using RAPD Markers</i>	Changren Weng
SP-99-207	<i>Regression Models to Predict Fish Ploidy Status</i>	Anthony Kilili
SP-99-208	<i>Credit Scoring: A Review of Statistical and Non-Statistical Issues</i>	Pu Li
SP-99-209	<i>Regression Models of Single Family Housing Prices in Baton Rouge</i>	Rui Li
SP-99-210	<i>Dropout Analysis of the NELS-88 Data Using Principal Component Analysis, Discriminant Analysis and Logistic Regression</i>	Zhen Liu
SP-99-211	<i>An Evaluation of the Probability Distribution Function for Time-to-the-Rutting Failure of Flexible Pavement Structures</i>	Stefan Romanoschi
SP-99-212	<i>FACTOR ANALYSIS: Data Simulations and Measures of SAS Performance</i>	Eric R. Siegel
SP-99-213	<i>SEE DR. GEAGHAN</i>	Xiaowei Tian
SP-99-214	<i>Small Sample Comparison of Tests for Homogeneity of Variances by Monte Carlo Simulation Using SAS</i>	Simona Despa
SP-99-215	<i>Application of Survival Methods to Prediction of Growth and Yield in a Forest</i>	Xingji Han
SP-99-216	<i>A Regression Approach to Analysis of Genotype-By-Environment Interactions with Alternative Models</i>	Ruming Li
SP-99-217	<i>An Application of Compositional Data Analysis to Relative Timing in Locomotion</i>	Weidong Li
SP-99-218	<i>Applications of Bootstrap and Permutation Test in Genetic Relationship Data Analysis</i>	Xiaohong Ma
SP-99-219	<i>Von Bertalanffy Growth Models for Farm-Released American Alligators in Louisiana</i>	Fenggang Peng
SP-99-220	<i>Geostatistical Analysis of Spatial Nutrient Data in a Precision Agriculture Experiment</i>	Bradley Layne Tiffie
SP-99-221	<i>Modeling the Response of Soil Mineral Nutrition to Application of Nitrogen and Phosphate Fertilizer Using MIXED Models</i>	Guilin Wang
SP-99-222	<i>Analysis of Confounding in a Mixed Series of a Factorial Experiment: An Application to Marketing Research</i>	Xuelian Wang

---

## Department of Experimental Statistics Technical Reports Special Problem Series

Series No.	Title	Author
SP-00-223	<i>Application of the Life Table Analysis and the Cox's Regression Model on Survival Data of Formosan Subterranean Termites</i>	Huixin Fei
SP-00-224	<i>Predicting Check Fraud Via Classification Tree Analysis: A Data Mining Application</i>	Hester Ann Johnson
SP-00-225	<i>Random Coefficient Regression Model</i>	Yihua Lee
SP-00-226	<i>Analysis of Variance, Assumptions and Adjustments for Split-Plot Design Using SAS with an Example from Entomology</i>	Lixin Mao
SP-00-227	<i>Risk of Low Birthweight and Preterm Delivery for Teen Births in Louisiana</i>	Dawen Sui
SP-00-228	<i>Effect of Plot Size in Evaluating Fruit Characteristics of Strawberry Cultivars</i>	Jinglan Tang
SP-00-229	<i>Simulation Study: Type I Error Rates of the Adjusted F tests for Repeated Measures Using the SAS Mixed Procedure</i>	Hong Pan
SP-00-230	<i>Imputation for Ordinal Categorical Item Non-Responses Using Maximum Likelihood Estimation</i>	Yingjiao Xu
SP-00-231	<i>Repeated Measures Analysis on Fish Density Data Using Mixed Models</i>	Danyang Bing
SP-00-232	<i>A Comparison of Tests for Homogeneous Variances Including a Regression Estimator Based on Taylor's Power Law</i>	Rachel Gross
SP-00-233	<i>Fitting of Fixed- and Random-effect Gompertz Growth Models with Weather Factors for 9 Provenances of Bald Cypress (<i>Taxodium distichum</i>) Trees</i>	Shengwu Wang
SP-00-234	<i>An Analysis of Degradation Data with Destructive Measurements</i>	Xiaohe Yu
SP-01-235	<i>SEE DR. LaMOTTE</i>	Jianlin Wang
SP-01-236	<i>Regression Models to Predict the Dissipation of Herbicide in Field</i>	Hongxia Zhu
SP-01-237	<i>Forecasting Fecal Coliform Contamination in Louisiana Oyster Leases Using a Dynamic Linear Model</i>	Michael James Beck
SP-01-238	<i>Multidimensional Preference Analysis of a Cotton Farmer Survey Data</i>	Xiaoming Liang
SP-01-239	<i>SEE DR. MONLEZUN</i>	Tingting Lu
SP-01-240	<i>Linear and Nonlinear Analyses of Moisture Sorption Behavior of Oriented Strandboard</i>	Yukun Ren

---

## Department of Experimental Statistics Technical Reports Special Problem Series

Series No.	Title	Author
SP-01-241	<i>Exact Versus Approximate P-Values in Logistic Regression</i>	Xiaohong Zhang
SP-01-242	<i>Developing a Profitable Internet Credit Card Account Acquisition System Using Traditional and Modern Methods</i>	Ye Zhou
SP-01-243	<i>Use of Studentized Deleted Residuals to Detect Outliers in Logistic Regression</i>	Terri Trobaugh Cochran
SP-01-244	<i>Sample Size Estimation for a Logistic Regression Model</i>	Yinmei Li
SP-01-245	<i>A Poisson Regression Model in a Four-Factor Factorial Treatment Structure with Many Missing Treatment Combinations</i>	Zhanhai Li
SP-01-246	<i>Description and Association of Water Chemistries and Taxa in Four Streams on Fort Polk, Louisiana Using Principal Components and Biplots</i>	Li Liu
SP-01-247	<i>Prediction of Sugarcane Yield from Percent Bored Internode Data</i>	Rujun Teng
SP-01-248	<i>Mixed Models to Analyze Gastrointestinal Nematode Parasitism in Two Sheep Species and F1 Hybrid</i>	Wende Wu
SP-01-249	<i>Approach of Statistical Methods for Analyzing the Food Sensory Evaluation Data by Using the Mixture Experiment Design</i>	Hui Xie
SP-02-250	<i>Comparison of Spatial Prediction Methods for Mapping Soil Potassium</i>	Asfaw Bekele
SP-02-251	<i>Type I, II, III, IV Sums of Squares in SAS GLM with Missing Cells</i>	Lixia Li
SP-02-252	<i>Survival and Recovery Estimates for Banded Mottled Ducks (<i>Anas fulvigula maculosa</i>) in the South Central U.S.</i>	Cara Miller
SP-02-253	<i>Identifying Potential Relationships Between Environmental Variables and Recent Daily Growth Rates for Two Tonguefishes, the Blackcheek Tonguefish (<i>Symphurus plagiusa</i>) and the Offshore Tonguefish (<i>S. ccivitatium</i>), in Barataria Bay, Louisiana</i>	Theodore S. Switzer
SP-02-254	<i>DFBETAs in Logistic Regression</i>	Weizhi Zhao
SP-02-255	<i>Exact Conditional, Exact Unconditional Versus Approximate P-Values in Logistic Regression</i>	Shufang Liu
SP-02-256	<i>Examination of the Range of Influence when the Statistic of choice is goodness of fit; the Augmented dataset Method</i>	Michael G. McKenna
SP-02-257	<i>Analysis of Factors that Affect the First Year GPA in the College of Agriculture at Louisiana State University-An Evaluation of Undergraduate Admission Criteria</i>	Hongmei Han

---

## Department of Experimental Statistics Technical Reports Special Problem Series

Series No.	Title	Author
SP-02-258	<i>Processing Electrocardiograms (ECGs) with Principal Components for Reproducibility</i>	Jennifer Favalor Sabatier
SP-02-259	<i>SEE DR. MONLEZUN</i>	Marius M. Somodi
SP-02-260	<i>Developing a Dynamic Advising Method for EXST 2201 Using Predictive Models</i>	Xiaomei Zhu
SP-03-261	<i>Investigation of Sampling Plans for Estimation of Soil Electrical Conductivity</i>	Reena Kanti Kothari
SP-03-262	<i>Exact, Chi-Squared, and Unconditional P-Values in Two-Way Contingency Table</i>	Yanqi Li
SP-04-263	<i>Estimation of Four-Year Graduation Rates at LSU for Cohorts 1992-1998</i>	Lara Kay Storer
SP-03-264	<i>Multiple Imputation for Missing Data in Molecular Plant Breeding Studies</i>	Muhanad Walid Akash
SP-03-265	<i>Exploring Models to Describe Sugarcane Yield Loss Caused by Sugarcane Borers, <i>Diatraea Saccharlis</i> (F.)</i>	Xiaobing Fang
SP-03-266	<i>A Study on the Influence of Mites on Bee Hives in Louisiana</i>	Christopher W. Guillory
SP-03-267	<i>Effect of Sample Size and Over-dispersion Parameter on Type I Error Rate Through Monte Carlo Method in Three SAS Procedures</i>	Binru Huang
SP-03-268	<i>Analysis of Over-dispersed Count Data from a Single-Factor Fixed Effect Design Using Four Different Methods</i>	Weidong Li
SP-03-269	<i>Accounting for Excess Zeros in Count Data: Zero-Inflated Poisson</i>	Aicha Bassile
SP-03-270	<i>Estimation of Six-Year Graduation Rates at LSU for Cohorts 1993-1997</i>	Lifeng Cui
SP-03-271	<i>A SAS Macro PMMixed for Modified Population Marginal Means</i>	Baogong Jiang
SP-03-272	<i>Ethical Issue in Nonprofit Organizations-Multiple Imputation for Handling Missing Values</i>	Yan Cathy Ren
SP-03-273	<i>Models for Cotton Insects Data with Excessive Zeros</i>	Zhengyu Zhang
SP-03-274	<i>A Comparison of Time-Based Survival Analysis Models and Size-Based Survival Analysis Models for Farm Released Alligators</i>	Amanda M. Frake
SP-04-275	<i>Analysis of Factors Affecting the Retention Rate at LSU for Cohorts 1993-1999</i>	Jing Liu

---

## Department of Experimental Statistics Technical Reports Special Problem Series

Series No.	Title	Author
SP-04-276	<i>Economic and Statistical Modeling of Price Margin for Oysters in the Gulf of Mexico and the Chesapeake Bay</i>	Bekaye Ould Dedah
SP-04-277	<i>Smoothing Techniques to Characterize Cataclastic Rock Shear Zones</i>	Pamela M. Riddle
SP-04-278	<i>Step-Stress Modeling for Salinity Tolerance for Juveniles from Four Varieties of Tilapia</i>	Ovidiu Chiparus
SP-04-279	<i>An Investigation of Rainfall-Runoff Events Relationships Through Simulation</i>	Yuhong Sheng