

EDMS PhD STUDENT DISSERTATION TITLE, ADVISOR and GRADUATION YEAR

NAME	TITLE OF DISSERTATION	ADVISOR	YEAR	
Alban	Theresa	Evaluating School & Teacher Effectiveness: A Comparison of Analytic Models	Lissitz	2002
Anderson	Janet	Factor Structure Invariance of Measures over Groups and Settings	Schafer	1985
Arnold-Berkovits	Ilona	Structural modeling/ ordered polytomous & cont.variables: Sim.study comparing full-Info Bayesian esti.to correlation/co-variance meth.	Hancock	2002
Bandalos	Deborah	Factors Influencing the Cross-validation of Confirmatory Factor Analysis Models	Benson	1991
Batcher	Mary	Maximum likelihood multidimensional scaling : a multivariate approach	Lissitz	1986
Bates	Marina	The effect of partial information on confidence weighting behavior.	Dayton	1971
Baum	Susan	A Study of Answer-Changing Behavior on Multiple-Choice Tests	Schafer	1981
Blahut	Steven	Latent Class Logistic Regression with Complex Sample Survey Data	Dayton	2004
Blalock	Cheryl	A comparison of randomized response models and devices with consideration of technique understanding	Johnson	1981
Bolesta	Monica	Comparison of standard errors within a latent class framework using resampling and Newton techniques	Dayton	1998
Brager	Gary	A study of the phenomenon of experimenter bias using three types of classroom tasks.	Dayton	1968
Campbell	John	An evaluation, by use of Monte Carlo techniques, of nonnormality and nonlinearity on certain tests of nonassociation.	Johnson	1972
Chen	Li-wan	Analysis of Multi-trait-Multi-method Data: A Monte Carlo Simulation of G Multiplicative Model	Johnson	1994
Choi	Jaehwa	Effect of categorization on type I error and power in ordinal indicator latent means models for between-subjects designs	Hancock	2006
Crew	John	An investigation of personality profile congruence between pupil and teacher as a predictor of course achievement.	Giblette	1968
Davis	Floyd	The effects of requestioning and study directives on affective variables in computer assisted testing	Giblette	1982
Day	Roberta	An empirical investigation of the Fisher Z transformation in comparing two multiple correlations	Dayton	1976
Dayton	C. Mitchell	An empirical evaluation of the effects of small expected values in 2 X 2 contingency tables on the chi-square test of significance.	Anderson	1964
Douglas	Karen	A General Method for Estimating the Classification Reliability of Complex Decisions Based on Configural Combinations of Multiple Test Scores	Mislevy	2006
Dworkin	Fay	An investigation of criterion keying to three types of residuals in order to enhance predictive validity	Giblette	1974
Edgar	Suzanne	Adjustment procedures for nonresponse bias in mail surveys	Schafer	1987
Fan	Weihua	Robust means modeling: An alternative to hypothesis testing of mean equality in the between-groups design under variance heterogeneity and non-normality	Hancock	2006
Fein	Melissa	Comparison of HLM & MLWIN Multilevel Analysis Software Packages: A Monte Carlo Investigation into the Quality of the Estimates	Lissitz	2000
Fitzmartin	Ronald	Class characteristic correlates of error in generalizability of student course ratings	Johnson	1982
Gagne	Phillip	Generalized confirmatory factor mixture models: A tool for assessing factorial invariance across unspecified populations	Hancock	2004
Galindo	Martha	Cultural and educational predictors as individual differential item functioning	Johnson	1991
Greer	Joanne	Prediction of learning disability by computerized pattern analysis	Giblette	1974
Gugel	John	Evaluation of a normalized direct approach to estimating the parameters of the normal ogive three-parameter model for ability tests	Johnson	1987
Hamilton	Basil	A Monte Carlo comparison of parametric and nonparametric uses of a concomitant variable.	Rogers	1972
Hayek	Leeann	Properties of maximum likelihood estimators for a class of probabilistic models	Dayton	1978
Herrick	Mary Lee	State Level Performance Assessments and Consequential Evidence of Validity	Lissitz	1999
Higazi	Sohair	Approximate upper percentage points for a multivariate extension of the studentized range distribution	Dayton	1982
Holden-Pitt	Lisa	Listeners' ratings of response confidence and speech quality in the measurement consonant perception	Schafer	1996
Holt	Judith	A Monte Carlo study of the likelihood ratio difference statistic for subsuming latent state models under violation of regularity conditions	Macready	1986
Huang	Chuen-chuen	An evaluation of model-selection criteria as alternatives to Pairwise Comparison Procedures	Dayton	1993
Huang	Chun-Wei	Psychometric analy. based on evidence-centered design & cognitive science/learning to explore students' problem solving in Physics	Mislevy	2003
Isman	Suci	The use of judgemental item parameter estimates for ability estimation in item response theory: The Rasch Model	Lissitz	1995
Jonas	Bruce	A procedure for establishing placement cutoffs in a sequential series of objective based referenced tests	Dayton	1980
Jones	Gregory	The effects of sample size, number of categories, boundary distribution and item discrimination on item parameter recovery	Schafer	1993
Kaskowitz	Gary	The Effect of Error in Item Parameter Estimates on Linking and Equating with IRT Test Characteristic Curve Method	DeAyala	1998
Keawkungwal	Javanit	The effect of missing data on confirmatory factor analysis models: A Monte Carlo comparison of two regression imputation methods	Benson	1988
Kenyon	Dorry	Linking multiple-choice test scores to verbally-defined proficiency levels : an application to Chinese reading proficiency	Schafer	1995
Kip	Marinus	An empirical study of the effects of differential factor structure on discriminant function analysis.	Dayton	1974
Knack	Randall	Error estimation methods for latent class models	Macready	1991
Koenig	Judith	Comparison of Characteristic Curve Methods for linking parameters estimated with the generalized grading unfolding model	Roberts	2003
Kolb	Rita	Correcting for nonresponse in latent class modeling evaluation of the EM Algorithm	Dayton	1992
Kuo	Wen Ling	Two-Stage Concomitant Variable Latent Class Analysis	Dayton	2001
Leitner	Dennis	A rank test of two group concordance with an a priori ranking	Dayton	1975
Levy	Roy	Posterior predictive model checking for multidimensionality in item response theory and Bayesian networks	Mislevy	2006
Li	Yuan	An Eval. of Multidimensional IRT Equating Methods by Assess.the Accuracy of Transforming Parameters onto a Target Test Metric	Lissitz	1997
Lin	Ting Hsiang	An empirical study of selection criteria for latent class models	Dayton	1994
Littlefield	Barbara	Effect of corrected for guessing & partial info.scoring proced. & # of alternative on reliab., validity & difficulty in multiple-choice test items	Johnson	1977
Malech	Arlene	A comparative analysis of four classification procedures for use with criterion-referenced tests	Giblette	1978
Malizio	Andrew	Effects of item format and feedback on confidence, difficulty, and response latency using microcomputer-administered tests	Johnson	1986
Manicke	Robert	A unified theory of metric multi-dimensional scaling	Lissitz	1982
Markovitz	Carrie	Assessing fit of latent class models to complex survey data: Implications for drug-use research	Dayton	2003
Martuza	Victor	A psychometric analog of the gambler's final bet.	Dayton	1968
Mitchell	Alice	A methodological examination of white racial consciousness and attitudes toward women, people who are deaf, gay men and lesbians	Johnson	1997
Mueller	Arthur	Effects of short-term delay in item feedback during computer testing on retention of performance	Johnson	1986
Murphy	Patricia	Sequential analysis of learning paths and their relationship to performance	Johnson	1987
Nelson	Bonnie	The effects of symbolic content of test items on perceived difficulty, anxiety, and achievement in computer administered quizzes	Giblette	1983
Nevitt	Jonathan	Evaluating Small Sample Approaches for Mode Test Statistics in Structural Equation Modeling	Hancock	2000
Nevius	Anna	Techniques for combining 2 x 2 contingency tables : a simulation study	Dayton	1984
Pan	Xuemei	Factors influencing the mixture index of model fit in contingency tables showing independence	Dayton	2006

Patterson	Blossom	Latent Class Analysis of Sample Survey Data	Dayton	1998
Pollack	Jessie	Effects of stimulus complexity in computer graphics and prediction of graphed concepts in statistics instruction	Macready	1987
Potthast	Margaret	A simulation of categorical variable methodology in confirmatory factor analysis	Dayton	1991
Powell	Douglas	The Robustness of the Chi-Square Goodness of Fit Test for Structural Equations Models: A Meta-Analysis	Schafer	1999
Price	Lewis	Algorithms for discovering hierarchical relationships among dichotomous items	Dayton	1978
Romberg	Elaine	The effects of test-taking skills and attitudes on validity of standardized achievement test scores of inner-city children	Giblette	1977
Ross	Phillip	Power comparisons of fixed effects randomized blocks and analysis of concomitant variables.	Dayton	1973
Samuelsen	Karen	Examining differential item functioning from a latent class perspective.	Dayton	2005
Scheers	N J	The covariate unrelated question randomized response model	Dayton	1982
Sedlacek	Deborah	A Monte Carlo invest. into the robustness of latent class models to violations of the local independence and equal error rates assumpt.	Macready	1983
Shields	Joyce	An emp. invest. of the effect of heteroscedasticity and heterogeneity of var. on the analy. of covariance and the Johnson-Neyman tech.	Dayton	1973
Skaggs	Gary	A Monte Carlo exploration of the robustness of four test equating models	Lissitz	1983
Soeken	Karen	The effect of parameter changes on estimates using randomized response	Giblette	1979
Stapleton	Laura	The Incorporation of Design Information in Multilevel Structural Equations Models for Complex Sample Data	Hancock	2001
Thompson	Marian	Predictive validity of subset regression procedure	Giblette	1979
Tippets	Elizabeth	A comparison of methods for evaluating and modifying covariance structure models	Benson	1991
Vogt	Dorothee	An extension of the Rasch model to the case of polychotomously scored items.	Dayton	1971
von Secker	Clare	Using Hierarchical Linear Growth Models to Examine Factors Related to Science Achievement	Lissitz	1998
Walston	Jill	The effects of web-based survey design features on survey cooperation, respondents' perceptions and survey responses	Lissitz	2000
Wang	Yuh Yin	Maximum likelihood and minimum distance estimation applied to univariate mixture distributions	Schafer	1992
Ware	Herbert	The sampling distribution of generalizability statistics in nested survey designs.	Giblette	1980
Willhoft	Joseph	The effects of mean pattern and non-sphericity on univariate and multivariate analyses for a two-factor, repeated measures design	Lissitz	1988
Wilson	Leslie	An investigation of factors affecting item parameter invariance in the partial credit model	Lissitz	1988
Yen	Shi-Jing	Latent Structure of the IEA Reading Literacy Test	Dayton	1997
Yu	Ching-Hsi	The Sampling variability of mastery decision consistency indices	Johnson	1993