15/19/27
Liberal Arts and Sciences
Psychology
Ledyard R Tucker Papers, 1940-1988

Box 1: Correspondence, A-Z

A, 1949-71
American Association for the Advancement of Science 1963 Symposium, 1963-64
American Journal of Psychology, 1969
Allison--Notes and Correspondence, 1955-60
Alonso, Alfredo O. Lopez, 1960
American Psychological Association Division 15, 1962, 1970
Appelbaum, Mark, 1966-70
Arabie, Phipps, 1980
B, 1951-87
Ball, Geoffrey, 1967-68
Bargmann, Rolf E., 1966-68, 1980
Bechtel, Gordon, 1969-71
Bell Telephone Laboratories, 1967-68
Bishop, Doyle, 1964-65
Black, Michael C., 1962-66
Bock, R. Darrell, 1963-68
Bryan, Glenn L., Office of Naval Research, 1965-67
Bunderson, C. Victor, 1950, 1965
C, 1949-71, 1979
Campbell, Donald T., 1959-62, 1969
Carlson, Alfred, 1964-66
Carroll, John B., 1957-65
Cattell, Raymond B., 1955-68, 1977
Cleary, Anne, 1961-70
Conger, Anthony J., 1965-77
Coombs, C. H., 1963
Cooper, Lee Gordon, 1966-70, 1979
Cooper, Leslie M., 1960-63
Crow, Lowell T., 1961-62
Cronbach, Lee J., 1962
Cusick, Thomas W., 1963-64
D, 1947-70
Damarin, Fred, 1963-69
Davison, Mark L., 1973-74
Delbeke, Luc, 1965-67
Dielman, Ted E., 1966
Drasgow, Fritz, 1976-80
Drasgow-Dorans Manuscripts, 1979
DuBois, Philip H., 1961-62
Dunn, Terry, 1973-76
E, 1949-70
Engelhart, Max D., 1955-60, 1968
F, 1949-73
Finkbeiner, Carl, 1974-77
Fleishman, Allen, 1976-78
Frankmann, Raymond, 1964-66
Frederiksen, Carl H., 1962-67, 1972-74
G, 1945-71
Groves, Curtis, 1961, 1975-78
Gulliksen, Harold, 1960-69, 1974
Guttman, Louis, 1953-54, 1960-62

Box 2: Correspondence (continued)

H, 1950-70, 1979-80
Haley, John V., 1963-64
Hammond, Kenneth R., 1963-71
Harris, Chester, 1953-55, 1964-70, 1979
Harman, Harry H., 1965-69
Helm, Carl E., 1955, 1960, 1967
Herzberg, Paul A., 1964-69
Higgs, William, 1964-65
Hoffman, Edward L., 1961-72
Humphreys, Lloyd G., 1954-68
Hundleby, John D., 1963
Hunt, William, 1963-65
I, 1954-69, 1975
Ikeda, Hiroshi, 1960-68
Illini-Girl and Stenographic Bureau, 1970
Illinois Psychological Association, 1963-66
Psychological Registration Act--State of Illinois, 1963-65
Illinois Society for Medical Research, 1963-65
Indow, Tarow, 1965
Inn, Andres, 1970-75
J, 1954-70
Jaspen, Nathan, 1944, 1956-59
Johnson, Richard, 1963-64
Jöreskog, Karl, 1968
Journal of Experimental Psychology, 1968-69
K, 1949, 1957-70
Kaiser, Henry, 1959-69, 1976-77
Koopman, Raymond, 1963-70
Korth, Bruce, 1972-79
Krauss, Bea, 1977-78
L, 1949-71, 1980
Larkin, Willard D., 1966-69
Laughlin, James, 1975-76
Lazarsfeld Colloquium Feb. 24, 1967
Levin, Joseph, 1961-66
Lewis, Charles, 1970, 1975
Lin, Pang-Chieh, 1974-75
Linn, Robert L., 1964-70
Loevinger, Jane, American Psychological Association Division 5 Address, 1963
Lord, Frederic, 1963-74, 1979
Love, William, 1966-70
M, 1952-70, 1980
Madansky, Al, 1959, 1965
Marjoribanks, Kevin: "Another View of the Relation of Environment to Mental Abilities: A Reply," *Journal of Educational Psychology*, 1972-74
Mayeske, George, 1961-62
McCall, Robert B., 1964-74
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McKie, Douglas, 1962-69
*Journal of Mathematical Psychology*, 1964
Messick, Samuel, 1964-72
Mills, David, 1959-66
Montanelli, Rich, 1970
Moren, Richard L., 1961-64

**Box 3:** Correspondence (continued)

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National Science Foundation, 1970
Nesselroade, John, 1965-66, 1973
National Institute of Mental Health, 1961-65
Nicholson, George, Jr., 1953
Nygren, Thomas E., 1974-75
O, 1958-72
Olkin, Ingram, 1970
Oregon Research Institute, 1964
Owens, William, 1964-65
P, 1950-70
Pedersen, Dahrl M., 1960-71
Ping, Chieh-Min, 1973-76
Posavac, Emil J., 1968
Pratscher, George, 1975
Pratt, Robin Whitlock, 1965-68
Psychological Corporation, 1958
Psychological Review, 1960-64
Psychometric Corporation, 1952-68
Psychometric Society, 1961-73
Psychometrika (2 folders), 1954-74
McDonald Manuscript, 1971-73
Psychonomic Society, 1962-64
Publishers, 1961-68
Q, 1967-68
R, 1954-70, 1978
Richards, Larry G., 1964-74
Rodwan, Albert S., 1960-67
Rondonelli, Robert, 1973-76
Rumery, Robert E., 1964-67
Rummel, R. J., 1968-69
S, 1950-70
Samejima, Fumiko, 1965-69
Schoneman, Peter H., 1963-69
Scott, Keith G., 1969-72
Sheth, Jagdish N., 1969
Sigborn, Frances, 1961-62
Slotnik, Burton N., 1961-62
Slotnik, Lee N. (Kaufman), 1961-63
Snyder, Frank W., 1964-70
Soltz, Donald, 1961-65
Stake, Robert E., 1959-68
Steffy, Richard A., 1960-63
Stewart, Thomas R., 1968-70
T, 1948-74
Tatsuoka, Kikumi, 1974
Taylor, Peter, 1965-68
Terwilliger, James, 1960-66
Thurstone, Louis L., 1950-56

Tribute to--Invitational Conference, 1955
Book Committee, 1952-55
Tzeng, Oliver, 1972-76
U, 1952-69
V, 1954-69, 1975

Box 4: Correspondence (continued)

W, 1950-70, 1982
Walker, Crayton C., 1964-65
Wearing, Alexander, 1966-68
Weintraub, Daniel J., 1961-62
White, Owen, 1966-68
Wiggins, Nancy Ann Hirschberg, 1963-73
Wrigley, Charles, 1957-62
Y, 1951, 1965-70, 1977
Yimer, Makonnen, 1973
Young, P. T., 1955
Zubin, Joseph, 1955, 1969

Student Placement (3 folders), 1967-70

Doctoral Candidate Correspondence
Adamopoulos, John, 1967-68
Amon Hortelano, Jesus, 1964-66
Anderson, Gary A.
Anderson, Lynn, 1963-64
Araway, Richard J., 1965-67
Atkin, Robert, 1974-75
Awuwoleye, Ezekiel O., 1969-73
Bass, Alan R., 1963
Blackburn, Margaret, 1968-70
Bolz, Charles R., 1972
Bowen, Max, 1965-69
Bowers, Patricia, 1965
Cohen, Harvey, 1972-73
Collins, James F., 1968-69
De Marco, William, 1962-69
Derman, Diran, 1961-63
Drude, Kenneth P., 1972
Dusek, Jerome, 1968-69
D'Zurilla, Thomas J., 1963-64
Erwin, William H., 1965
Frazee, Vernon, 1966
Friden, Tom, 1970
Frinke, Gerald, 1964
Gilbert, Susan, ca. 1964
Hackman, J. Richard, 1963-64
Hamilton, David L., 1967-68
Hamstra, Bruce, 1974
Herman, Jeanne, 1970-72
Herning, Ronald, 1973-75
Horn, John L., 1964
Hunka, Stephen M., 1960-63
Hunter, John E., 1963-67
Hunter, Ronda Fink, 1963
Johnson, Robert A., 1972
Julian, James, 1960-63
Kaplan, Kalman J., 1965-68
Karabinus, Robert A., 1965
Kelly, Geraldine, 1967-68
Keren, Gideon, 1974-76
Killian, Larry, 1966
Kohfeld, David L., 1965-66
Krantz, James M., 1974-75
Krieckhaus, Edward E., 1960-62
Krug, Ronald S., 1962-65
Kutschker, Charles, 1961-62
Lask, Emanuel (2 folders), 1960-62, 1965
Lubitz, Ralph, 1962
Magaro, Peter A., 1962
Marlin, Marjorie M., 1965-66
Marrer, Albert M., 1963
Mateson, Halsey H., 1962-63
McGaw, Barry, 1970
McQuarrie, Duncan, 1970-71
Meredith, Connie, 1963-69
Montanelli, Dale, 1969-75
Ogle, Michael E., 1964
Paraskevopoulos, John, 1966
Pieszko, Henry J., 1969-70
Richards, Meredith, ca. 1968
Rothman, Howard, 1967
Shikiar, Richard, 1967, 1971-72
Spitzer, Craig, 1977-78
Thompson, John H., 1962-64
Urbano, Richard, 1968-69  
Thesis Proposal, 1969
Vavra, Terry, 1969-70
Weldon, David, 1972-74
Williams, Esther Amy, 1970-71
Williamson, John, 1963-66
Yimer, Makonnen, 1973

Box 5: Course Materials

Math 315, Linear Transformations and Matrices, Fall Semester, 1960
Psychology 135, Fall Semester, 1962-63
Lab Material, Psychology 135 #1, Frequency Counts and Distributions
Psychology 135H, Fall '62-'63, Supplementary Notes on Correlation, 1963
Final Examination, 1963
Psychology 290, Introduction to Psychological Tests and Measurements, Lab before 1960-61
Fall Term (2 folders), 1960-61
Quizzes and Examinations, 1960-61 First Term, 1960-62
Record Materials, 1961
First Semester Tests, 1961-62
First Semester, 1961-62
Tests, 1961-62
Selected References, First Semester, 1961-62
Stencils for Mid-Term, 1961-62 Second Semester, 1962
Psychology 306, First Semester, 1963-64
Psychology 307, Factor Analysis (7 folders), 1963-64, 1968-79
Psychology 403, Proseminar I (7 folders), 1960-66
Proseminar talk, Jan. 5, 1966
Dec. 13, 1967
Psychology 409, Psychological Scaling (6 folders), 1955-57, 1961-69

Box 6: Course Materials (continued)

Exams, 1965-70
(Master) Reserve Book List and other "1st day" Masters, 1965-70
1st Semester 1969-70, Equal Appearing Intervals Project, 1965-69
Constant Sum Project, 1969
Multidimensional Scaling Project, 1968-69
Paired Comparisons Example, 1967-69
Box 7: Course Materials (continued)

Psychology 494, Multivariate Analysis (16 folders), 1967-84
  Examinations, 1970-84
Psychology 495, Theory of Measurement (3 folders), 1960-65
Research Bulletins, ETS Articles and other articles in boxes, 1966-70
Committee Files
  Graduate Education Committee, 1975-76
  Biomedical Computer Programs, 1969
  Course Evaluation Questionnaire Committee, 1971-72

Box 8: Committee Files (continued)

Ad Hoc Committee in re "Personal Profit," 1971-72
Grading Systems Committee, 1960-64
  Center for Advanced Study (2 folders), 1969-73
President's Faculty Conference "Educational Opportunities," Spring 1965
Digital Computer Laboratory Search, 1963-64
Committee on Computer Utilization, 1959-63
Computer Utilization, Social Science, 1960-62
Graduate College, Graduate Fellowship Committee (4 folders), 1964-68
Dean of Women's Studies, 1962-65
Grading Policy, U. of I., Robert E. Stake, 1968
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Poster: Measurement Psychology & Educational, 1962-63
Psychology 306-307 Committee, 1961-64
Instructor Evaluation Project by Undergraduates, 1959-63
Prelim Reading List, Measurement Psychology, 1965-66
Prelim Exam Rating Methods, 1964
Qualifying Examinations (17 folders), 1955-79, 1986
Specialist Examination Notes, 1954-59
Committee File (continued)
  Advisory Committee, Department of Psychology (3 folders), 1961-66
  American Association of University Professors, 1960-65
  Sigma Xi (2 folders), 1963-65
  Promotion Committee, J. Wiggins, 1965-66
  Evaluation Committee, 1969
Faculty Search Committee Measurement Psychology, 1969-70
Special Advisory Committee Election, Spring, 1967
Notice forms and distribution lists, Returned Schedules, 1969
Advisor Committee Election, 1966
Recommendations, 1961-70

Box 9: Meeting, Conference, and Research Publication File

Handbook of Multivariate Experimental Psychology, 1960-65
Psychometric Society Meeting, October 8-10, Niagara Falls, Ontario, Canada, 1964
Triandis Project, 1963-64
Mental Measurement Yearbook, 1963
Addison-Wesley Publishing Co., 1961
Paired Comparisons Maximum Likelihood, 1958, 1962
University Research Board, 1961-62
Eckart-Young Procedure, 1963
Mathematical Notes
Psychonomic and Psychometric Meetings, Niagara Falls, 1964
American Psychological Association (1962) Division 5 Presidential Address, 1959-63
Factor Analysis in Learning Conference (1959), Washington University, 1958-59
Formal Models for a Central Prediction System, 1961-63
An Individual Difference Model for Multidimensional Scaling, 1963
Obtaining Squared Multiple Correlations for Singular R, 1969-72
Office of Naval Research Symposia: Human Judgments and Optimality, 1962-64
Stanford Educational Conference (Cronbach) July 15-16, 1965
American Psychological Association, 1961
Meetings, 1967
A Method for Scaling Ability Test Items Taking Item Unreliability into Account, 1948
Factor Analysis Computing--Use of Whirlwind Computer at MIT for F. Lords Study, 1952
Symposium on Large Scale Digital Computing Machines 9-13-49, 1949-50
Meeting of Multivariate Experimentalists Nov. 14, 15, 16, 1960 (Cattell), 1960-61
American Psychological Association Fellow Nominations, 1968
Society of Multivariate Experimental Psychology, 1963
Three dimensional matrices, 1960-61
American Psychological Association Division of Evaluation and Measurement, 1960-62
Psychometric Society Symposium, Spring, 1969
Conference on Human Judgment (1970), University of Colorado, 1969-70
College of William and Mary, 1971
Training Conference on Multidimensional Scaling (June 1972), 1962, 1970-72
M. S. curricula, 1962-70
Measurement Psychology Curriculum, 1965-68
Quantitative Methods Reading List
December 1968 Committee on Applied Program in Measurement Psychology, 1968
Measurement Program, 1968-70
Test Questionnaire Analysis and Research
Simplified Punch Card Methods in Factor Analysis, 1946, 1953
Standard Scores Corresponding to Percentiles
A Method for Scoring Ability Test Items Taking Item Unreliability Into Account, 1948
General Goals of Life Inventory Answer Sheets, 3/55 Reprint 1955
Individual Differences in Multidimensional Scaling, draft, 1960
Determination of Generalized Learning Curves by Factor Analysis, Correspondence, 1961-62
General Goals of Life Inventory (Cooperative Study in General Education) 3/55 Reprint, 1955
Gulliksen Questionnaires Inter-Cultural Study

Box 10: Testing Research and Conference File

Dessert Preferences Paired Comparison, Graphs
Automobile Preference Study, Correspondence and Pictures (Originals), 1956
Reference Vector Model, 1954-59
Watch Reference Experiment
Conceptual Input Factor Loadings 3 Factor Domain, Table 1
(Seven Factors), Table 2
Tables Three and Four, Sums of Squares of Factor Loadings and Values of $c_j$
Matrix A, Table 5
Sums of Squares of $A_i$ Table 6
Values of $b_{ij}^2$ Table 7
Summary of $R^2$
$R^2$ RwSMC B Low (to 12 Factors)
Summary of the $\phi^2$
$\phi^2$ Middle Model
Principal Axes Roots Middle Model BL-7
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$R^2$ Middle Model RwSMC Low $b_{ij}^2$
Correlation Simulation Study, 1964
\( \Phi^2 \) RwSMC B Low (to 12 Factors)
Simulation Study: Maximum Likelihood Solutions, 1968
Simulated Correlation Matrices, 1964
Tables
Type S+R Model, 1962-63
Tests, 1955-64
Test Service Bulletin, 1948-59
Specimen Sets Kuhlmann-Anderson Test, 1960
Specimen Tests, 1956-66
Primary Mental Abilities, 1938-58
American Council on Education Psychological Examination, 1946
Evaluation of Factor Analytic Research Procedures by Means of Simulated Correlation Matrices, Correspondence Regarding, 1968-69
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Factors in Allocation of Votes..., American Psychological Association Analysis, 1972-75
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Naval Personnel and Training Research Laboratory, October Conference on Personnel Selection and Classification Research, 1970
Educational Testing Service 1964 Invitational Conference, 1964-65
Shannon Project, 1962
Some Mathematical Notes on Three-Mode Factor Analysis, 1965-66
Invitation Conference on "Problems in Measuring Change," 1961-62
Educational Testing Service Conference, Thurstone Hall, 1962-64
Dedication Ben D. Wood Hall, May 11-12, 1965
Horst Manuscript "Psychological Measurement and Prediction" and Wadsworth correspondence Spring-Summer, 1965
Kimberly-Clark, Creative Research Associates Study, 1966
George Peabody College, 1963-64
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December 9-11, 1966 Conference on Cluster Analysis, 1966-67
Psychometric Society Spring 1967 Meeting, 1966-67
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Paper for Psychometric Society March, 1967
Psychometric Society April 1968 Symposium, 1967-68
Fundamental Skills for Statistics
University of Hawaii, 1965-66
Quantitative Methods I Psychology 620
Workshop in Multivariate Analysis Summer, 1968
Seminar, 1966
Colloquium University of Chicago 1/16/67, 1965-67
The Ledyard R Tucker Symposium of Psychometric Theory 24-25 April 1980, 1978-80

Box 11: Office of Naval Research Individual Differences Project, Factor Analysis

- Document Control Data Sheet Forms and Instructions, 1965-71
- Office of Naval Research Project Application (2 folders), 1961-63
- Office of Naval Research Proposal (7 folders), 1963-70
- Office of Naval Research Project Progress Reports (8 folders), 1962-69
- Office of Naval Research Status Reports (2 folders), 1970
- Mailing List for Technical Reports, from Office of Naval Research, 1962-69
- Defense Documentation Center Accession Notices, 1967
- Office of Naval Research Project Notes, 1961-72
- Office of Naval Research, 1967-71
  - Project Reprints, 1964-66
  - Contract, Computer Miscellany, 1962-70
- Monthly Time Reports Office of Naval Research Project, 1961-68
- Office of Naval Research, List of Participants, 1961
  - Report of First Meeting, 1961
  - Correspondence, 1961-62
  - Memoranda, 1961-63
- Office of Naval Research Project Factor Analysis Working Group (19 folders), 1960-70

Box 12: Factor Analysis Research File

- Rotation of Axes by Cubic Hyperbola, 1969
- Canonical Correlations and Factor Analysis, 1965-66
- Multiple Regression from Factor Analysis, 1950-60
- Linn, Rotation of Axes
- Three-Mode Factor Analysis Program, Oct., 1964
- Box Problems, 1960
- Max A. Woodbury, Three dimensional factors, 1962
- Three Dimensional Factor Analysis "School Administrators In Basket" Intercorrelations, 1962
- Three Dimensional Component Analysis of "School Administration Inbasket Scores," 1962-63
- Three-Dimensional Analysis In-Basket Rotation of Axes, 1962-63
- Proverbs Test, 1967

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Reports, Office of Naval Research Project on Techniques for Investigation of Structure of Individual Differences in Psychological Phenomena, 1964-71
Drasgow, Fritz (6 publications), 1978-83
University of Illinois Psychology Department, 1986
Research Bulletin, ACOVSM, 1971
Factor Analysis, 1967-80
"A Fortran II Program for Three-Mode Factor Analysis," 1966-68
Computation of Discriminant Components, Notes on LRT 11/15/73 Psychology 494, 1936, 1971-81
Canonical Correlation Example Dec. 15, 1971
Transformation of Factors Handouts, 1975-80
Covariance Papers, 1946, 1970

Box 13:

An Introduction to Matrix Algebra Operations (Lecture Notes) 1/23/80, 1978-82
Statistical Analysis of Research Proposals
Armstrong Article, 1967-74
Jöreskog and Sörbom 8/16/76, 1973-76
Individual Differences in Paired Comparison Scaling, 1968-71
Victoria Seitz, 1970-71
Three Mode Factor Analysis of Serial Learning, 1971-72
Miron Wish Data, 1969, 1974-75
Carl Helm Data Reanalysis, 1970-71
TORSCA [Young-Torgeson Nonmetric Multidimensional Scaling] Analysis
Canonical Inter-Battery Factor Analysis, 1958, 1965, 1971-73
Note on Number of Attributes, 1974
Statement of the Method of False Position, 1965
An experiment in generating a problem correlation matrix for Maximum Likelihood Factor Analysis, 1977-84
Emanuel Donchin Data, 1970-71
Jerry Hirsch - Emanuel Donchin Proposal, 1970
Varimax Rotation for Simulated Correlation Matrices
Math Note, 1964-68
Draft Program for Three-Mode MDS, 1972-75
Battery Adequacy, 1966-73
Binary data, 1974
Dimensional Analysis of Binary Data, 1965-67
Item Simulation Study, 1972-73
College Entrance Examination Board Score Distribution for Item Distribution, 1971-72
Constrained Regression System, 1971=73
Singular Value Decomposition of Matrices, 1969-70
Predictive Composites by Least Squares, 1973-77
Factor Fitting to Original Measures, 1967-70
Factor Fitting Notes, 1967-68
Fitting of Factor Model to Original Observations by a Canonical Approach, 1972
Fitting of Hyper-Planes by a Personal Probability Function, 1970
Symmetric Subjective Probability Function, 1970
Montanelli-Humphreys Weights June, 1979
Canonical Predictive Composites, 1970-73, 1978-81
Correspondence, 1983-86