Curriculum Vitae

Michael J. Brusco

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GENERAL INFORMATION

University Address:	Department of Business Analytics, Information Systems, & Supply Chain College of Business Florida State University 821 Academic Way Tallahassee, Florida 32306-1110
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Professional Preparation

1982	Associate in Arts (AA), Broward Community College, Davie, FL.
1985	Bachelor of Business Administration (BBA), Florida Atlantic University, Boca Raton, FL. Major: Marketing.
1986	Master of Business Administration (MBA), Florida State University, Tallahassee, Florida. Major: Business.
1990	Ph.D. in Business Administration, Florida State University, Tallahassee, FL. Major: Information and Management Sciences, Name of minor*:* Statistics. Dissertation supervisor: Michael J. Showalter.

Michael J. Brusco. (1990). An Evaluation of Nurse Staffing Policy Options in a Constrained Labor Environment. Unpublished doctoral dissertation, Florida State University, Tallahassee, Florida.

Professional Experience

1975-1978	Hollywood Sun Tattler – Newspaper Delivery Technician, Hollywood, FL. Responsible for picking up newspapers (with my mom), folding the papers, putting them in plastic wrappers, packing them in my bicycle basket, riding around the neighborhood and throwing the papers into people's yards. Also, on weekends, going house-to-house and collecting payment.
1979-1980	Winn Dixie – Stock Clerk (Various Aisles), Hollywood, FL. Responsible for stocking shelves at all hours of the day and night.

1980-1985 Sears Roebuck & Company, Stock Clerk – Catalog Department, Hollywood, FL. Responsible for moving incoming catalog merchandise from the loading dock to the catalog staging area, and returned catalog merchandise from the staging area back to the loading dock. Basically, moving heavy stuff from point A to point B.

1986-1990 Doctoral Student – Department of Information and Management Sciences, College of Business, Florida State University, Tallahassee, FL. Responsible for teaching undergraduate courses in operations management and computer programming.

1990-1991 Assistant Professor of Management – Department of Management, College of Business, Ithaca College, Ithaca, NY. Responsible for teaching undergraduate courses in operations management.

1991-1995 Assistant Professor of Management – Department of Management, College of Commerce, DePaul University, Chicago, IL. Responsible for teaching graduate and undergraduate courses in operations management.

1995-1998 Assistant Professor of Business Administration – Department of Information and Management Sciences, College of Business, Florida State University. Responsible for teaching graduate and undergraduate courses in operations management and operations research.

1998-2001 Associate Professor of Business Administration – Department of Information and Management Sciences, College of Business, Florida State University, Tallahassee, FL. Responsible for teaching graduate and undergraduate courses in operations management and operations research.

2001-2003 Associate Professor of Business Administration – Department of Marketing, College of Business, Florida State University, Tallahassee, FL. Responsible for teaching graduate and undergraduate courses in operations management, marketing research and operations research.

2003-2016 Professor of Business Administration – Department of Marketing, College of Business, Florida State University, Tallahassee, FL. Responsible for teaching graduate and undergraduate courses in operations management, marketing research and operations research.

2016-Present Professor of Business Administration – Department of Business Analytics, Information Systems, & Supply Chain, College of Business, Florida State University, Tallahassee, FL. Responsible for teaching graduate and undergraduate courses in business analytics, operations management, and operations research.

2004-Present Synovus Professor of Business Administration, College of Business, Florida State University, Tallahassee, FL.

Honors, Awards, and Prizes

Recipient, Outstanding Research Award, Department of Management, DePaul University (1992)

Recipient, Outstanding Research Award, Department of Management, DePaul University (1994)

Recipient, Best Theoretical/Empirical Research Paper Award of the 1995 Decision Sciences National Meeting in Boston, Massachusetts (November, 1995).

Recipient, Best Application Paper Award of the 1996 Decision Sciences Institute National Meeting in Orlando, Florida (November, 1996).

Voted "Teacher of the Year", MIS Association, Florida State University (Spring 1998).

Voted "Outstanding MBA Teacher", MBA Association, Florida State University (Spring 2000).

Voted "Technical Professor of the Year", MBA Association, Florida State University (Spring 2001).

Recipient, Best Reviewer Award (*Psychometrika*), Psychometric Society (2017)

Current Memberships in Professional Organizations

Decision Sciences Institute

Past Memberships in Professional Organizations

Academy of Management, American Marketing Association, Association for Psychological Science, Classification Society of North America, Institute of Industrial Engineers, Institute for Operations Research and the Management Sciences, Psychometric Society.

TEACHING

Undergraduate Courses Taught: Operations Management (Ithaca College, DePaul, FSU), Operations Research (FSU), Quantitative Methods / Analytics (Ithaca College), Logistics (FSU), Marketing Research (FSU), Computer Programming (FSU), Service Sector Management (DePaul)

Master's Courses Taught: Operations Management (DePaul, FSU), Operations Research (FSU), Business Analytics (FSU), Marketing Analytics (FSU), Operations Strategy (DePaul), Quality Control (DePaul).

PhD Courses Taught: Quantitative Methods (FSU).

Online Courses Taught (all at the Master's level at FSU): Operations Management, Marketing Analytics, Business Analytics

Online Teaching Platforms Used: Canvas and Blackboard

New Course Development

MAR 5625 Marketing Analytics & Research (Summer 2010). I developed this course for the new Master's Degree in Marketing program. The course was taught for the first time in the summer of 2011.

Chair of Doctoral Dissertation Supervisory Committees

Susan Brudvig, Graduate. (2007). *From coarse to fine and weak to strong: The impact of scale granularity and rating strength on the ability of K-means to recover true cluster structure.*

Co-Chair of Doctoral Dissertation Supervisory Committees

Renu Singh, Graduate. (2006). *An empirical investigation into the effects of shopping motivation on store environment-value relationship.*

Member of Doctoral Dissertation Supervisory Committees

Tom DeWitt, Graduated. (2004).
Kishore Gopalakrishnan, Graduated. (2005).
Clay Voorhees, Graduated. (2006).
Jason Stoner, Graduated. (2007).
Hans-Friedrich Köhn, University of Illinois, Psychology, Graduated. (2007).
Daniel Aloise, University of Montreal, Mathematics, Graduated. (2009).
Gavin Fox, Graduated. (2009)
Edward Ramirez, Graduated. (2010).
Doug Johansen, Graduated. (2011).
Real Carbonneau, University of Montreal, Mathematics, Graduated. (2012).
Cinthia Satornino, Graduated. (2014).
Bill Montford. Graduated. (2016).
Sid Anderson, Graduated. (2016)
James Gaboardi, Geography. Graduated. (2019)

Chair of Bachelor's Thesis Supervisory Committees

Steven Vandercook, Bachelor's student. Graduated. (2011).

Member of Bachelor's Thesis Supervisory Committees

Meylin Perla, Bachelor's student. Graduated. (2016).

RESEARCH

Refereed Journal Articles (By Discipline)

Business, Industrial Engineering, and Computational Statistics

1. Bechtold, S. E., Brusco, M. J., & Showalter, M. J. (1991). A comparative evaluation of labor tour scheduling methods. *Decision Sciences*, *22* (4), 683-699.
2. Brusco, M. J., & Jacobs, L. W. (1993). A simulated annealing approach to the cyclic staff scheduling problem. *Naval Research Logistics, 40* (1), 69-84.
3. Brusco, M. J., & Jacobs, L. W. (1993). A simulated annealing approach to the solution of flexible labor scheduling problems. *Journal of the Operational Research Society*, *44* (12), 1191-1200.
4. Brusco, M. J., Futch, J., & Showalter, M. J. (1993). Nurse staff planning under conditions of a nursing shortage. *Journal of Nursing Administration*, *23* (7/8), 58-64.
5. Brusco, M. J., & Showalter, M. J. (1993). Constrained nurse staffing analysis. *Omega*, *21* (2), 175-186.
6. Brusco, M. J., & Jacobs, L. W. (1993). Developing flexible personnel schedules using a microcomputer. *Work Study, 42* (5), 5-8.
7. Bechtold, S. E., & Brusco, M. J. (1994). Working set generation methods for labor tour scheduling. *European Journal of Operational Research, 74* (3), 540-551.
8. Bechtold, S. E., & Brusco, M. J. (1994). A microcomputer-based heuristic for tour scheduling of a mixed workforce. *Computers and Operations Research, 21* (9), 1001-1009.
9. Lauer, J., Jacobs, L. W., Brusco, M. J., & Bechtold, S. E. (1994). An interactive, optimization-based decision support system for scheduling computer lab attendants. *Omega, 22* (6), 613-626.
10. Bechtold, S. E., & Brusco, M. J. (1995). Microcomputer-based working set generation methods for personnel scheduling. *International Journal of Operations & Production Management, 15* (10), 63-74.
11. Brusco, M. J., & Johns, T. R. (1995). The impact of demand smoothness and mean demand on tour scheduling heuristic performance. *International Journal of Operations & Production Management, 15* (1), 74-88.
12. Brusco, M. J., & Johns, T. R. (1995). Improving the dispersion of surplus labor in personnel scheduling solutions. *Computers and Industrial Engineering, 28* (4), 745-754.
13. Brusco, M. J., Jacobs, L. W., Bongiorno, R. J., Lyons, D., & Tang, B. (1995). Improving personnel scheduling at airline stations. *Operations Research, 43* (5), 741-751.
14. Brusco, M. J., & Jacobs, L. W. (1995). Cost analysis of alternative formulations for personnel scheduling in continuous operating organizations. *European Journal of Operational Research*, *86* (2), 249-261.
15. Jacobs, L. W., & Brusco, M. J. (1995). Note: A local-search heuristic for large set-covering problems. *Naval Research Logistics, 42* (7), 1129-1140.

16. Brusco, M. J., & Johns, T. R. (1996). A sequential integer programming-based heuristic for discontinuous tour scheduling. *European Journal of Operational Research, 95* (3), 537-548.
17. Jacobs, L. W. & Brusco, M. J. (1996). Overlapping start-time bands in implicit tour scheduling. *Management Science, 42* (9), 1247-1259.
18. Venkataraman, R., & Brusco, M. J. (1996). An integrated analysis of nurse staffing and scheduling policies. *Omega, 24* (1), 57-71.
19. Brusco, M. J., Thompson, G. M., & Jacobs, L. W (1997). A morph-based simulated annealing heuristic for a modified bin-packing problem. *Journal of the Operational Research Society, 48* (4), 433-439.
20. Brusco, M. J. (1998). Solving personnel tour scheduling problems using the dual all-integer cutting plane. *IIE Transactions, 30* (9), 835-844.
21. Brusco, M. J., & Jacobs, L. W. (1998). Eliminating redundant columns in continuous tour scheduling problems. *European Journal of Operational Research, 111* (3), 518-525.
22. Brusco, M. J., & Jacobs, L. W. (1998). Personnel tour scheduling when starting-time restrictions are present. *Management Science, 44* (4), 534-547.
23. Brusco, M. J., & Johns, T. R. (1998). Staffing a multi-skilled workforce with varying levels of productivity: An analysis of cross-training policies. *Decision Sciences, 29* (2), 499-515.
24. Brusco, M. J., Johns, T. R., & Reed, J. (1998). Cross-utilization of a two-skilled workforce. *International Journal of Operations & Production Management, 18* (6), 555-564.
25. Brusco, M. J., Jacobs, L. W., & Thompson, G. M. (1999). A morphing procedure to supplement a simulated annealing heuristic for cost- and coverage-correlated set-covering problems. *Annals of Operations Research, 86,* 611-627.
26. Brusco, M. J., & Jacobs, L. W. (2000). Optimal models for meal-break and start-time flexibility in continuous tour scheduling. *Management Science, 46* (12), 1630-1641.
27. Brusco, M. J., & Jacobs, L. W (2001). Starting time decisions in labor tour scheduling: An experimental analysis and case study. *European Journal of Operational Research, 131* (3), 459-475.
28. Brusco, M. J., Cradit, J. D., & Stahl, S. (2002). A simulated annealing heuristic for a bicriterion partitioning problem in market segmentation. *Journal of Marketing Research, 39* (1), 99-109.
29. Brusco, M. J., Cradit, J. D., & Tashchian, A. (2003). Multiobjective clusterwise regression for joint segmentation settings: An application to customer value. *Journal of Marketing Research, 40* (2), 225-234.
30. Brusco, M. J. (2004). Optimal solution methods for the minimum-backtracking row layout problem. *IIE Transactions, 36* (1), 181-189.
31. Brusco, M. J., & Steinley, D. (2007). Exact and approximate algorithms for part-machine clustering based on a relationship between interval graphs and Robinson matrices. *IIE Transactions, 39* (10), 925-935.

32. Brusco, M. J. (2008). An exact algorithm for a workforce allocation problem with application to an analysis of cross-training policies. *IIE Transactions, 40* (5), 495-508.

33. Brusco, M. J. (2008). Scheduling advertising slots for television. *Journal of the Operational Research Society, 59* (10), 1373-1382.

34. Brusco, M. J., Steinley, D., & Cradit, J. D. (2009). An exact algorithm for finding hierarchically well-formulated subsets in second-order polynomial regression. *Technometrics, 51* (3), 306-315.

35. Andrews, R. L., Brusco, M. J., & Currim, I. S. (2010). Amalgamation of partitions from multiple segmentation bases: A comparison of model-based and non-model-based procedures. *European Journal of Operational Research, 201* (2), 608-618.

36. Andrews, R. L., Brusco, M. J., Currim, I. S., & Davis, B. (2010). An empirical comparison of methods for clustering problems: Are there benefits from having a statistical model? *Review of Marketing Science, 8* (1), article 3, pages 1-32. Retrieved from http://www.bepress.com/romsjournal/vol8/iss1/art3/ .

37. Brusco, M. J., & Singh, R. (2010). Assigning commercial videotapes to time slots under alternative message spacing policies. *International Journal of Advertising, 29* (3), 431-450.

38. Brusco, M. J., & Steinley, D. (2010). Neighborhood search heuristics for selecting hierarchically well-formulated subsets in polynomial regression. *Naval Research Logistics, 57* (1), 33-44.

39. Liu, Y., Ram, S., Lusch, R., & Brusco, M. (2010). Multicriterion market segmentation: A new model, implementation and evaluation. *Marketing Science, 29* (5), 880-894.

40. Brusco, M. J., & Johns, T. R. (2011). An integrated approach to shift-starting time selection and tour schedule construction. *Journal of the Operational Research Society, 62* (7), 1357-1364.

41. Brusco, M. J., & Steinley, D. (2011). Exact and approximate algorithms for variable selection in linear discriminant analysis. *Computational Statistics and Data Analysis, 55* (1), 123-131.

42. Steinley, D., Brusco, M. J., & Wasserman, S. (2011). Clusterwise *p** models for social network analysis. *Statistical Analysis and Data Mining, 4* (5), 487-496.

43. Brady, M. K., Voorhees, C. M., & Brusco, M. J. (2012). Service sweethearting: Its antecedents and customer consequences. *Journal of Marketing, 76* (2), 81-98.

44. Brusco, M. J., Steinley, D., Cradit, J. D., & Singh, R. (2012). Emergent clustering methods for empirical OM research. *Journal of Operations Management, 30* (6), 454-466.

45. Liu, Y., Kiang, M., & Brusco, M. (2012). A unified framework for market segmentation and its applications. *Expert Systems with Applications, 39* (11), 10292-10302.

46. Brusco, M. J., Köhn, H.-F., & Steinley, D. (2013). Exact and approximate methods for a one-dimensional minimax bin-packing problem. *Annals of Operations Research, 206* (July), 611-626.

47. Fox, G. L., Smith, J. S., Cronin, J. J., & Brusco, M. J. (2013). Weaving webs of innovation. *International Journal of Operations & Production Management*, *33* (1), 5-24.

48. Ramirez, E., David, M., & Brusco, M. (2013). Marketing's SEM based nomological network: Constructs and research streams in 1987-1997 and in 1998-2008. *Journal of Business Research*, *66* (9), 1255-1260.

49. Brusco, M. J. (2014). A comparison of simulated annealing algorithms for variable selection in principal component analysis and discriminant analysis. *Computational Statistics and Data Analysis*, *77* (1), 38-53.

50. Brusco, M. J. (2015). An exact algorithm for maximizing grouping efficacy in part-machine clustering. *IIE Transactions*, *47* (6), 653-671.

51. Brusco, M. J. (2015). A bicriterion algorithm for allocating a cross-trained workforce based on operational and human-resource objectives. *European Journal of Operational Research*, *247* (1), 46-59.

52. Brusco, M. J. (2015). An iterated local search heuristic for cell formation. *Computers & Industrial Engineering*, *90* (December), 242-254.

53. Pillai, K. G., Brusco, M., Goldsmith, R., & Hofacker, C. (2015). Consumer knowledge discrimination. *European Journal of Marketing*, *49* (1/2), 82-100.

54. Brusco, M. J. (2017). Partitioning methods for pruning the Pareto set with application to multiobjective allocation of a cross-trained workforce. *Computers & Industrial Engineering*, *111*, 29-38.

55. Brusco, M. J., Singh, R., Cradit, J. D., & Steinley, D. (2017). Cluster analysis in OM research: Survey and recommendations. *International Journal of Operations & Production Management*, *37* (3), 300-320.

56. Brusco, M. (2018). Demonstrating the mechanics of principal component analysis via spreadsheets. *Spreadsheets in Education*, 11 (1), Retrieved from: https://sie.scholasticahq.com/article/6895-demonstrating-the-mechanics-of-principalcomponent-analysis-via-spreadsheets

57. Brusco, M. J., Johns, T. R., & Venkataraman, R. (2018). LP-based working subsets for personnel scheduling: evaluation and augmentation. *European Journal of Industrial Engineering*, *12* (2), 175-198.

58. Ilk, N., Brusco, M., & Goes, P. (2018). Workforce management in omnichannel service centers with heterogeneous channel response urgencies. *Decision Support Systems*, *105* (January), 13-23.

59. Stolze, H. J., Mollenkopf, D., Thornton, L., Brusco, M. J., & Flint, D. J. (2018). Supply chain and marketing integration: tension in frontline social networks. *Journal of Supply Chain Management*, *54* (3), 3-21.

60. Brusco, M. (2019). An Excel spreadsheet and VBA macro for model selection and predictor importance using all-possible-subsets regression. *Spreadsheets in Education, 12* (1), Retrieved from: https://sie.scholasticahq.com/article/8064-an-excel-spreadsheet-andvba-macro-for-model-selection-and-predictor-importance-using-all-possible-subsetsregression

61. Brudvig, S., Brusco, M. J., & Cradit, J. D. (2019). Joint selection of variables and clusters: Recovering the underlying structure of marketing data. *Journal of Marketing Analytics, 7* (1), 1-12.

62. Brusco, M. J., Cradit, J. D., & Brudvig, S. (2019). An integrated dominance analysis and dynamic programming approach for measuring predictor importance for customer satisfaction. *Communications in Statistics – Theory and Methods, 48* (21), 5290-5307.

63. Brusco, M. J., Steinley, D., & Köhn, H.-F. (2019). Residual analysis for unidimensional scaling in the L2-norm. *Communications in Statistics – Simulation and Computation, 48* (7), 2210-2221.

64. Brusco, M. J., Steinley, D., & Stevens, J. (2019). K-medoids inverse regression. *Communications in Statistics – Theory and Methods, 48* (20), 4999-5011.

65. Brusco, M. J., Voorhees, C. M., Calantone, R. J., Brady, M. K., & Steinley, D. (2019). Integrating linear discriminant analysis, polynomial basis expansion, and genetic search for two-group classification. *Communications in Statistics – Simulation and Computation, 48* (6), 1623-1636.

66. Stolze, H. J., Brusco, M. J., & Smith, J. S. (2021). Exploring the social mechanisms for variation reduction for direct store delivery (DSD) and vendor managed inventory performance: An integrated network governance and coordination theory perspective. *International Journal of Production Economics, 234*, Article 108025, pp. 1-10. https://doi.org/10.1016/j.ijpe.2021.108025

67. Huse, C., & Brusco, M. J. (2021). A tale of two linear programming formulations for crashing project networks. *INFORMS Transactions on Education, 21* (2), 82-95.

68. Brusco, M. J., & Steinley, D. (in press). A variable neighborhood search heuristic for nonnegative matrix factorization with application to microarray data. *Optimization Letters*.

69. Brusco, M. J. (in press). Solving classic discrete facility location problems using Excel spreadsheets. *INFORMS Transactions on Education*.

Quantitative Psychology and Social Sciences

70. Brusco, M. J. (1999). Morph-based local-search methods for large-scale combinatorial data analysis. *Journal of Classification, 16* (2), 163-180.

71. Brusco, M. J., & Stahl, S. (2000). Using quadratic assignment methods to generate initial permutations for unidimensional scaling of symmetric proximity matrices. *Journal of Classification, 17* (2), 197-223.

72. Brusco, M. J. (2001). A simulated annealing heuristic for unidimensional and multidimensional (city-block) scaling of symmetric proximity matrices. *Journal of Classification, 18* (1), 3-33.

73. Brusco, M. J. (2001). Seriation of asymmetric matrices using integer linear programming. *British Journal of Mathematical and Statistical Psychology, 54* (2), 367-375.

74. Brusco, M. J., & Cradit, J. D. (2001). A variable selection heuristic for *K*-means clustering. *Psychometrika, 66* (2), 249-270.

75. Brusco, M. J., & Stahl, S. (2001). An interactive approach to multiobjective combinatorial data analysis. *Psychometrika, 66* (1), 5-24.

76. Brusco, M. J., & Stahl, S. (2001). Compact integer programming models for extracting subsets of stimuli from confusion matrices. *Psychometrika, 66* (3), 405-420.

77. Brusco, M. J. (2002). Integer programming methods for seriation and unidimensional scaling of proximity matrices: A review and some extensions. *Journal of Classification, 19* (1), 45-67.

78. Brusco, M. J. (2002). Identifying a reordering of the rows and columns of multiple proximity matrices using multiobjective programming. *Journal of Mathematical Psychology, 46* (6), 731-745.

79. Brusco, M. J. (2002). A branch-and-bound method for fitting anti-Robinson structures to symmetric dissimilarity matrices. *Psychometrika, 67* (3), 459-471.

80. Brusco, M. J. (2003). An enhanced branch-and-bound algorithm for a partitioning problem. *British Journal of Mathematical and Statistical Psychology, 56* (1), 83-92.

81. Brusco, M. J. (2004). On the concordance among empirical confusion matrices for visual and tactual letter recognition. *Perception & Psychophysics, 66* (3), 392-397.

82. Brusco, M. J. (2004). Clustering binary data in the presence of masking variables. *Psychological Methods, 9* (4), 510-523.

83. Brusco, M. J., & Cradit, J. D. (2004). Graph coloring, minimum-diameter partitioning, and the analysis of confusion matrices. *Journal of Mathematical Psychology, 48* (5), 301-309.

84. Brusco, M. J., & Cradit, J. D. (2005). ConPar: A method for identifying groups of concordant subject proximity matrices for subsequent multidimensional scaling analyses. *Journal of Mathematical Psychology, 49* (2), 142-154.

85. Brusco, M. J., & Cradit, J. D. (2005). Bicriterion methods for partitioning dissimilarity matrices. *British Journal of Mathematical and Statistical Psychology, 58* (2), 319-332.

86. Brusco, M. J., & Stahl, S. (2005). Bicriterion seriation methods for skew-symmetric matrices. *British Journal of Mathematical and Statistical Psychology, 58* (2), 333-343.

87. Brusco, M. J., & Stahl, S. (2005). Optimal least-squares unidimensional scaling: Improved branch-and-bound procedures and a comparison to dynamic programming. *Psychometrika, 70* (2), 253-270.

88. Brusco, M. J. (2006). A repetitive branch-and-bound algorithm for minimum within-cluster sums of squares partitioning. *Psychometrika, 71* (2), 347-363.

89. Brusco, M. J. (2006). On the performance of simulated annealing for large-scale L_2 unidimensional scaling. *Journal of Classification, 23* (2), 255-269.

90. Brusco, M. J., & Steinley, D. (2006). Clustering, seriation, and subset extraction of confusion data. *Psychological Methods, 11* (3), 271-286.

91. Brusco, M., & Steinley, D. (2006). Inducing a blockmodel structure for two-mode binary data using seriation procedures. *Journal of Mathematical Psychology, 50* (5), 468-477.

92. Brusco, M. J. (2007). Measuring human performance on clustering problems: Some potential objective criteria and experimental research opportunities. *Journal of Problem Solving, 1* (2), 33-51. Retrieved from http://docs.lib.purdue.edu/jps/vol1/iss2/5/ .

93. Brusco, M. J., & Stahl, S. (2007). An algorithm for extracting maximum cardinality subsets with perfect dominance or anti-Robinson structures. *British Journal of Mathematical and Statistical Psychology, 60* (2), 333-351.

94. Brusco, M. J., & Steinley, D. (2007). A comparison of heuristic procedures for minimum within-cluster sums of squares partitioning. *Psychometrika*. *72* (4), 583-600.

95. Brusco, M., & Steinley, D. (2007). A variable neighborhood search method for generalized blockmodeling of two-mode binary matrices. *Journal of Mathematical Psychology*, *51* (5), 325-338.

96. Stahl, S., & Brusco, M. (2007). On a linear assignment permutation test applied to parapsychological data: Computational enhancements and additional applications," *European Journal of Parapsychology*, *22* (1), 30-48.

97. Steinley, D., & Brusco, M. J. (2007). Initializing *K*-means batch clustering: A critical analysis of several techniques. *Journal of Classification*, *24* (1), 99-121.

98. Brusco, M. J., Cradit, J. D., Steinley, D., & Fox, G. L. (2008). Cautionary remarks on the use of clusterwise regression. *Multivariate Behavioral Research, 43* (1), 29-49.

99. Brusco, M. J., & Köhn, H.-F. (2008). Comment on 'Clustering by passing messages between data points'. *Science*, 319 (February 8), 726c. Retrieved from http://www.sciencemag.org/content/319/5864/726.3.full.pdf .

100. Brusco, M. J., & Köhn, H.-F. (2008). Optimal partitioning of a data set based on the *p*-median model. *Psychometrika, 73* (1), 89-105.

101. Brusco, M. J., Köhn, H.-F., & Stahl, S. (2008). Heuristic implementation of dynamic programming for matrix permutation problems in combinatorial data analysis. *Psychometrika*, *73* (3), 503-522.

102. Brusco, M. J., Stahl, S., & Steinley, D. (2008). An implicit enumeration method for an exact test of weighted kappa. *British Journal of Mathematical and Statistical Psychology*, *61* (2), 439-452.

103. Brusco, M. J., & Steinley, D. (2008). A binary integer program to maximize the agreement between partitions. *Journal of Classification, 25* (2), 185-193.

104. Steinley, D., & Brusco, M. J. (2008). Selection of variables in cluster analysis: An empirical comparison of eight procedures. *Psychometrika, 73* (1), 125-144.

105. Steinley, D. & Brusco, M. J. (2008). A new variable weighting and selection procedure for *K*-means cluster analysis. *Multivariate Behavioral Research, 43* (1), 77-108.

106. Brusco, M. J., & Köhn, H.-F. (2009). Exemplar-based clustering via simulated annealing. *Psychometrika, 74* (3), 457-475.

107. Brusco, M. J., & Köhn, H.-F. (2009). Clustering qualitative data based on binary equivalence relations: A neighborhood search heuristic for the clique partitioning problem. *Psychometrika*, *74* (4), 685-703.

108. Brusco, M. J., Singh, R., & Steinley, D. (2009). Variable neighborhood search heuristics for selecting subsets of variables in principal component analysis. *Psychometrika*, *74* (4), 705-726.

109. Brusco, M. J., & Steinley, D. (2009). Cross-validation issues in multiobjective clustering. *British Journal of Mathematical and Statistical Psychology*, *62* (2), 349-368.

110. Brusco, M. J., & Steinley, D. (2009). Integer programs for one- and two-mode blockmodeling based on prespecified image matrices for structural and regular equivalence. *Journal of Mathematical Psychology*, *53* (6), 577-585.

111. Brusco, M. J., & Steinley, D. (2010). *K*-balance partitioning: An exact method with application to generalized structural balance and other psychological contexts. *Psychological Methods*, *15* (2), 145-157.

112. Köhn, H.-F., Steinley, D., & Brusco, M. J. (2010). The *p*-median model as a tool for clustering psychological data. *Psychological Methods*, *15* (1), 87-95.

113. Brusco, M. J. (2011). An exact algorithm for a core/periphery bipartitioning problem. *Social Networks*, *33* (1), 12-19.

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Guest (Ad hoc) Reviewer for Refereed Journals

(1994-2010). Management Science
(1994-2011). Decision Sciences
(1994-2014). Computers and Operations Research
(1994-2018). European Journal of Operational Research
(1995-2011). Journal of Operations Management
(2005, 2012). Production and Operations Management
(2006-2009). IIE Transactions
(2007). Manufacturing and Services Operations Management
(2007-2011). Journal of the Operational Research Society
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(2015-2018). Computers and Industrial Engineering
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(2016). Naval Research Logistics
(2020) INFORMS Transactions on Education
(2004, 2013). Journal of Marketing Research

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(2009-2016). Computational Statistics and Data Analysis
(2011). Statistical Analysis and Data Mining
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(2004-2021). Psychological Methods
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