CURRICULUM VITAE

Jong-Min Kim, Ph.D.

Full Professor of Statistics

Division of Science and Mathematics
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WORK EXPERIENCE

May. 2024~Present	**Core Member** at University of Minnesota Data Science Initiative, Minneapolis, Minnesota, U.S.A.
Aug. 2011~Present	**Tenured Full Professor of Statistics,** Division of Science and Math, University of Minnesota at Morris, Minnesota, U.S.A.
July 2023 ~ July 2023	**Visiting Scholar, Department of Statistics,** Seoul National University, Seoul, South Korea
June 2021 ~ July 2021	**Visiting Scholar, Department of Statistics,** Seoul National University, Seoul, South Korea
Aug. 2018~ Nov. 2018	**Research Fellow at** SAMSI-The Statistical and Applied Mathematical Sciences Institute (NSF, Duke, NCSU and UNC) Model Uncertainty: Mathematical and Statistical (MUMS), Durham, North Carolina, U.S.A.
Aug. 2006~ Aug. 2011	**Tenured Associate Professor of Statistics,** Division of Science and Math, University of Minnesota at Morris, Minnesota, U.S.A.
Sep. 2009 ~ Dec. 2009	**Visiting Professor of Statistics,** Underwood International College (UIC) Yonsei University, Seoul, South Korea
Sep. 2009 ~ Dec. 2009	**Visiting Scholar, Department of Statistics**, **Sungkyunkwan University** 53, Myeongyun-Dong, Jongro-Gu, Seoul, 110-745, South Korea
Sep. 2006 ~ Dec. 2006	**Visiting Professor, Division of Applied Mathematics**, **KAIST** Korea Advanced Institute of Science & Technology, Daejon, 305-701, South Korea
June 2006 ~ Aug. 2006	**Visiting Scholar, Statistical Research Center for Complex System,** Seoul National University, Seoul, South Korea
Aug. 2002~ Aug. 2006	**Tenure-Track Assistant Professor of Statistics**, Division of Science and Math, University of Minnesota at Morris, Minnesota, U.S.A.
June. 2021~ July. 2021	**Short Course Instructor on Financial Time Series Modelling (Total 30 hours Zoom Lecture)**, EGADE Business School, Tecnologico de Monterrey, Monterrey, Mexico.
June 29, 2018~July 1, 2018	**Summer School Professor at Business School, Zheongzhou University, Henan Province, China**
Summer 2008 ~2019	**Visiting Professor of Statistics,** International Summer School Hanyang University, Seoul, South Korea
Summer 2007	**Visiting Professor of Statistics,** Underwood International College (UIC) Yonsei University, Seoul, South Korea
Summer 2005, 2006	**Visiting Professor of Statistics,** Division of International Education Yonsei University, Seoul, South Korea

EDUCATION

2002	**Ph.D.,** Department of Statistics, Oklahoma State University, Stillwater, Oklahoma, USA.(Minor: Mathematics)
1996	**M.S.,** Department of Mathematics, Chung-Ang University, Seoul, Korea.
1994	**B.S.,** Dept. of Mathematics Education, First Class Honors, Cheongju University, Cheongju, Korea. **Teacher Certification in Secondary Education (Mathematics), South Korea**
1990	PyeongTaek High School Graduate, PyeongTaek, Gyeonggi Province, Korea

RESEARCH INTERESTS

- Survey Sampling
- Copula Directional Dependence
- Functional Data Analysis
- Financial Time Series
- Statistical Quality & Process Control
- Technology and Energy Forecasting
- Spatial Statistics
- Model Uncertainty
- Data Fusion
- Big Data Analytics, Text Mining for Patent Data
- Movie Marketing and Strategic Forecasting
- Supply Chain Risk Management
- Tourism Forecasting Models
- Machine Learning
- Block Tensor Train
- Statistical Analysis of fMRI and EEG Data (Neuroscience)
- Bidding Modeling in Procurement Auctions
- Corporate Yield Spreads
- Corporate Finance (Relationship between CEO Compensation and Company Performance)
- Cryptocurrency Data Analysis
- FinTech
- Econometrics of Social networks
- Bioinformatics (Microarray Data Analysis)
- Biostatistics (Survival Analysis)
- Cluster Analysis
- Group Testing
- Probability and Stochastic Processes

AWARDS AND HONORS

American Statistical Association (ASA) Outstanding Statistical Application Award Committee (January 2025 - December 2027).

Certificate for Dedication to student learning, CENTER FOR EDUCATIONAL INNOVATION, University of Minnesota, MN, USA. (01/24/2024)

GIAN (Global Initiative of Academic Networks) Invited Short Course On-site Professor on Big Data Analysis through Copula (Total 24 hours Lecture), Department of Mathematics and Computing, Indian Institute of Technology at Dhanbad, Dhanbad, India, December 11, 2023~ December 16, 2023.

Certificate for Dedication to student learning, CENTER FOR EDUCATIONAL INNOVATION, University of Minnesota, MN, USA. (05/30/2023)

Certificate for Dedication to student learning, CENTER FOR EDUCATIONAL INNOVATION, University of Minnesota, MN, USA. (01/31/2023)

Certificate for Dedication to student learning, CENTER FOR EDUCATIONAL INNOVATION, University of Minnesota, MN, USA. (05/25/2022)

Certificate for Dedication to student learning, CENTER FOR EDUCATIONAL INNOVATION, University of Minnesota, MN, USA. (05/21/2021)

Certificate for Dedication to student learning, CENTER FOR EDUCATIONAL INNOVATION, University of Minnesota, MN, USA. (01/19/2021)

Certificate for Outstanding Teaching and Dedication, CENTER FOR EDUCATIONAL INNOVATION, University of Minnesota, MN, USA. (06/12/2020)

Short Course Professor on Financial Time Series Modelling (Total 30 hours Zoom Lecture), EGADE Business School, Tecnologico de Monterrey, Monterrey, Mexico, June. 2021~ July. 2021.

Outstanding Reviewer Award, Journal of Risk and Financial Management (04/20/2020)

Travel Support, The Statistical and Applied Mathematical Sciences Institute (SAMSI) MUMS Transition Workshop and SPUQ at University of North Carolina (05/13/2019-05/17/2019)

Invited Short-Term Visitor, Institute for Mathematics and its Applications (IMA) Workshop at University of Minnesota-Twin Cities (04/29/2019-05/03/2019)

Invited FinTech Panel Expert Talk at the 49º Reserch Conference @Tec de Monterrey, Tecnologico de Monterrey, **Monterrey, Mexico (01/29/2019 – 02/02/2019)**

Invited Short-Term Visiting Scholar, Business School, Zhengzhou University, China (12/24/2018-12/29/2018)

Invited Short-Term Visiting Scholar, Graduate Institute of Statistics, National Central University, Taiyuan, Taiwan (12/09/2018-12/11/2018)

Invited Research Fellow for Model Uncertainty: Mathematical and Statistical (MUMS) **at** SAMSI-The Statistical and Applied Mathematical Sciences Institute (**NSF, Duke, NCSU and UNC**), **Durham, North Carolina, U.S.A (08/2018 – 11/2018)**

Invited Short-Term Visitor, Institute for Mathematics and its Applications (IMA) Workshop at University of Minnesota-Twin Cities (04/23/2018-04/26/2018)

Visiting Professor Award Letter, Business School, Zhengzhou University , China (01/17/2018)

Invited Short-Term Visitor, Institute for Mathematics and its Applications (IMA) Workshop at University of Minnesota-Twin Cities (09/13/2017-09/16/2017)

Invited Short-Term Visiting Scholar, <u>Institute for Mathematics, University of Rostock,</u> Rostock, Germany (02/15/2017-02/19/2017)

<u>**2015 Research Development Award from Korean Statistical Society at 2015 KSS (Korean Statistical Society) Fall Conference, South Korea, November 06, 2015.**</u>

<u>**2012-2013 Faculty Distinguished Research Award, University of Minnesota at Morris.**</u>

NIH Travel Award for the ENAR Spring Meeting (Diversity in Biostatistics Workshop), Austin, Texas, March, 2016.

NIH Travel Award for the ENAR Spring Meeting (Diversity in Biostatistics Workshop), Miami, Florida, March, 2015.

American Statistical Association (ASA), Travel Award for the 57th Session of the International Statistical Institute (ISI), Durban, South Africa, 2009.

Korea Gallop 2nd Best Paper Award from Korean Survey Statistics Society, May 2011.

Best Poster Presentation Paper Award from the KSS (Korean Statistical Society), November 2010.

Single Semester Leave (Full Pay Leave), University of Minnesota-Morris, Fall 2006.

American Statistical Association (ASA), Travel Award for the 55th Session of the International Statistical Institute (ISI), SYDNEY, AUSTRALIA, 2005.

Elected Member, International Statistical Institute (ISI), October 2005.

NIH Travel Award for the ENAR Spring Meeting (Workshop for Junior Researchers), Pittsburgh, March, 2004.

Carl E. Marshall Award (Outstanding Ph.D. Graduate), Department of Statistics, Oklahoma State University, February 2003.

Awarded a certificate in recognition for software engineer, System Engineering Research Institute in Korea Institute of Science and Technology, 1996. (January 1996 to June 1996, 6 Months Training)

TEACHING (Courses Taught)

University of Minnesota, Morris

- Intro. to Statistics, STAT 1601
- Probability and Stochastic Processes, STAT 2501
- Statistical Methods, STAT 2601
- Mathematical Statistics, STAT2611
- Survey Sampling, STAT 3501
- Data Analysis, STAT3601
- Design and Analysis of Experiments, STAT 4631
- Applied Nonparametric Statistics, STAT 4651
- Introduction to Time Series Analysis, STAT 4681
- Senior Seminar STAT 4901

Hanyang University, Seoul, South Korea

- Introduction to Econometrics
- Basic Business Statistics
- Calculus II
- Forecasting and Predictive Analytics (Graduate Level)
- Machine Learning for Business (Graduate Level)

EGADE Business School, Tecnologico de Monterrey, Mexico

- Financial Time Series Modelling (Graduate Level)

Zhengzhou University, Henan, China

- Econometrics (Graduate Level)

Indian Institute of Technology-Dhanbad, India

- Big Data Analysis through Copula (Graduate Level)

Sungkyunkwan University, Seoul, South Korea

- STA5028 Probability Theory (Graduate Level)
- STA5021 Modern Statistical Methods-Support vector machines (Graduate Level)

Yonsei University, Seoul, South Korea

- Business Statistics

KAIST, Daejeon, South Korea

- Mathematical Statistics (Graduate Level)

Daejeon University, Daejeon, South Korea

- Survey Sampling (Graduate Level)
- Structural Equation Modeling

PROFESSIONAL ACTIVITIES

Since 1999   Member of American Statistical Association (ASA)
Since 2003   Member of Korean Statistical Society (KSS)
Since 2011   Lifetime Member of Korean International Statistical Society, **Treasurer (Jan. 2011-Feb. 2019),**
Board Member (January 2023-December 2028), KISS Officer of General Director (March 2023-Present)
KISS Award Selection Chair (August 2023-December 2024)
Since 2015   Member of American Statistical Association (ASA) Twin Cities Chapter, **Council of Chapters**
Representative (Feb. 2021-Jan. 2024)
Since 2016   Member of American Economic Association
Since 2017 Member of American Statistical Association (ASA) Business and Economics Statistics Section
Since 2018 Member of Financial Management Association (FMA)
Since 2018   Lifetime Member of Korea-America Finance Association (KAFA)
2002-2011   Institute of Mathematical Statistics (IMS)
2003-2008   International Biometric Society (ENAR)
2005-2011   The Bernoulli Society (BS)
2006-2007   The Classification Society of North America (CSNA)

Keynote Speaker, "Applications of FinTech and AI in Strategic Management", at the 10th Biannual Strategic Management in Latin America Conference (smla2024.tec.mx), Guadalajara, Mexico, December 12, 2024.
Invited Session Chair Recent Advances in Robust Statistical Methods for Missing Data and Data Integration at the 2024 Summer conference of the Korean Statistical Society, Sungkyunkwan University, Seoul, Korea, July 04, 2024.
Invited Session Chair IV-4 Advanced Statistical Approaches to Handling Complex Data at the 2023 Summer conference of the Korean Statistical Society, Pukyoung National University, Busan, South Korea, July 02, 2023.
Chairperson Virtual Session VS144 - Short Selling Session 2021 Financial Management Association (FMA) Annual Meeting, In Person and Virtual Conference, Denver, Colorado, October 23, 2021.
Discussant, Short Selling Efficiency, Virtual Session VS144 - Short Selling Session 2021 Financial Management Association (FMA) Annual Meeting, In Person and Virtual Conference, Denver, Colorado, October 23, 2021,
Discussant, Correcting Estimation Bias in Regime Switching Dynamic Term Structure Models, Session V133 - Term Structure Issues, 2020 Annual Meeting for Financial Management Association, Virtual Conference, October 21, 2020. Panel Discussant – Editor's Meet 2020, UPES, India, May 10, 2020. (Zoom Meeting YouTube) Judge - Data Analytics Competition, MinneMUDAC, Eden Praire, Minnesota, Nov. 9, 2019.
Discussant, A New Measure of Price Discovery in Financial Markets, Session 246 - Advances in Microstructure Methodology, 2019 Annual Meeting for Financial Management Association, New Orleans, LA, October 26, 2019.
Judge - Midwest Undergraduate Data Analytics Competition (MUDAC) 2019, Mankato State University, Mankato, MN, March 31, 2019.
Moderator for Panel Discussion II at the Third Pacific Rim Statistical Conference for Production Engineering, National Tsing Hua University, Hsinchu, Taiwan, December 14, 2018.
Discussant, A Nonparametric Approach to Portfolio Shrinkage, Session 195: Robust Portfolios, 2018 Annual Meeting for Financial Management Association, San Diego, CA, October 12, 2018.
Judge - NSF/HARSHBARGER STUDENT POSTER SESSION, Southern Regional Council on Statistics (SRCOS) Conference, Virginia Beach, VA, June 5, 2018.
Discussant, Ex-ante and Ex-post Subcontracting in Highway Procurement Markets, Session ID 79: Auctions, The 16th Annual International Industrial Organization Conference, Indianapolis, IN, April 21, 2018.
Judge - Health Data Analytics Competition, MinneMUDAC, Eden Praire, Minnesota, Nov. 4, 2017.
Judge - Water Data Analytics Competition, MinneMUDAC, Eden Praire, Minnesota, Nov. 5, 2016.
Discussant, Nonparametric Identification and Estimation of Productivity Distributions and Trade Costs, Session ID 29: Productivity, The 14th Annual International Industrial Organization Conference, Drexel University, Philadelphia, PA, April 16, 2016.
Chaired Session Macroeconomics 7, The 33rd International Symposium on Forecasting, KAIST College of Business, Seoul, South Korea, June 24, 2013.
Chaired Session RL II-1: Understanding the nature of the geometric work through its development and its transformations. The 12th International Congress on Mathematics Education, Seoul, Korea, July, 2012.
Chaired Session 91: Categorical Data Analysis and Experimental Design. ENAR Spring Meetings, Tampa, FL, March, 2006.
Chaired Session 145: Estimation with Survey Data. Joint Statistical Meetings, Minneapolis, MN, August, 2005.
Chaired Session 32: Missing data in Longitudinal Data Analysis. ENAR Spring Meetings, Austin, TX, March, 2005.

AP Statistics Exam Reader, Kansas City, Missouri, June 01-07, 2024 (At home online grading)
AP Statistics Exam Reader, Kansas City, Missouri, June 11-17, 2023 (At home online grading)
AP Statistics Exam Reader, Kansas City, Missouri, June 11-17, 2022 (At home online grading)
AP Statistics Exam Reader, Kansas City, Missouri, June 11-17, 2019

AP Statistics Exam Reader, Kansas City, Missouri, June 11-17, 2018
AP Statistics Exam Reader, Kansas City, Missouri, June 11-17, 2017
AP Statistics Exam Reader, Kansas City, Missouri, June 11-17, 2016
AP Statistics Exam Reader, Kansas City, Missouri, June 11-17, 2015
AP Statistics Exam Reader, Kansas City, Missouri, June 11-17, 2014
AP Statistics Exam Reader, Kansas City, Missouri, June 11-17, 2013
AP Statistics Exam Reader, Kansas City, Missouri, June 10-16, 2012
AP Statistics Exam Reader, Daytona Beach, Florida, June 12-18,2011
AP Statistics Exam Reader, Daytona Beach, Florida, June 12-18,2010
AP Statistics Exam Reader, Louisville, Kentucky, June 5-11, 2009
AP Statistics Exam Reader, Louisville, Kentucky, June 4-10, 2008
AP Statistics Exam Reader, Louisville, Kentucky, June 3-9, 2007

PROFESSIONAL SERVICE

Co-Editor Journal of Statistical Computation and Simulation (Q2, SCIE Journal, and Taylor & Francis Publisher). (Accepted the role, 03/25/2025).

Editor in Chief Measurement: Interdisciplinary Research and Perspectives, (Q2, Scopus, Emerging SCI Journal, and Taylor & Francis Publisher). (Accepted the role, 03/09/2023).

Co-Editor Communications for Statistical Applications and Methods (Scopus, Flagship Journal of Korean International Statistical Society and Korean Statistical Society). January 2025 to December 2026.

Co-Editor Journal of Applied Statistics (Book Review), (Q1 Journal, a Peer-Reviewed First Cohort SCIE Journal in Applied Statistics). November 11, 2021 – Present.

Associate Editor Journal of the Royal Statistical Society Series A (01/2024 – 12/2028), SCI Journal (Q1, 2022 Impact Factor: 2.0).

Associate Editor Statistics (09/2023 – Present), SCIE Journal (Q2, 2022 Impact Factor: 0.60).

Editor (Guest)   Frontiers in Pharmacology (SCIE Journal) Special issue AI Research in Cancer Pharmacology Applications (Deadline Submission: January 31, 2025).

Editor (Guest)   Axioms, (Q2 JCR Journal, SCIE Journal) Special issue New Perspectives in Mathematical Statistics (Deadline Submission: November 01, 2024).

Editor (Guest)   Journal of Risk and Financial Management, (Scopus and Ranked B by the ABDC-Australian

Business Deans Council), Special issue "Machine Learning Applications in Finance 2nd Edition". (Deadline Submission: December 31, 2024).

Editor (Guest)   Artificial Intelligence in Finance, Frontiers in Artificial Intelligence (Scopus

Journal) Special issue Artificial Intelligence for Data Protection in Digital Asset Systems Applications (Deadline Submission: May 13, 2024).

Editor (Guest)   Axioms, (Q2 JCR Journal, SCIE Journal) Special issue Statistical Methods and Applications (Deadline Submission: September 30, 2023).
Editor (Guest)   Journal of Risk and Financial Management, (Scopus and Ranked B by the ABDC-Australian Business Deans Council), Topical Collection "Machine Learning Applications in Finance".
Editor (Guest)   Mathematics, (Q1 Journal, SCIE Journal) Special issue Uncertainty Quantification Techniques in Statistics, Machine Learning and FinTech (Deadline Submission: December 31, 2022).
Editor (Guest)   International Journal of Environment, Workplace and Employment, (Scopus Journal) Special issue Uncertainty Quantification Techniques in Environment, Workplace and Employment (Deadline Submission:

December 31, 2022).
Editor (Guest)   Mathematics, (Q1 Journal, SCIE Journal) Special issue Uncertainty Quantification Techniques in Statistics (Deadline Submission: December 31, 2019).
Editor (Guest)   Journal of Statistical Theory and Practice, Special Issue for AISC 2018 Conference (Fall, 2019).
Editor (Guest)   Model Assisted Statistics and Applications (MASA) - International Journal, Special issue-Machine learning (Vol. 12:3, 2017).

Associate Editor   Journal of Statistical Theory and Practice (2008 – Present). SCOPUS Journal
Associate Editor   Communications for Statistical Applications and Methods (2020 - Present). SCOPUS
Associate Editor   Analytics (2022 – Present).
Associate Editor   Quantitative Bio-Science [QBS] (2019 - Present)
Associate Editor   Journal of Reliability and Statistical Studies (2015 - Present)
Associate Editor   Journal of the Korean Data & Information Science Society (2018 - Present)
Associate Editor   The Korean Journal of Applied Statistics (2012 - 2022)
Associate Editor   Punjab University Journal of Mathematics (2018)
Associate Editor   Model Assisted Statistics and Applications (MASA) - International Journal (2005 - 2011)
Associate Editor   Communications in Biometry and Crop Science (2005 - 2007)

Editorial Board   Journal of Risk and Financial Management (2019 - Present)
Editorial Board   Forecasting (2020 - 2024)
Editorial Board   Model Assisted Statistics and Applications (MASA) - International Journal (2012 - 2021)
Editorial Board   International Journal of Business and Economics (2019)
Editorial Board   The Open Statistics & Probability Journal (2008 – 2018)
Editorial Board   Advances and Applications in Statistics (2010 – 2014)
Editorial Board   Journal of Modern Applied Statistical Methods (2003 – 2011)

Referee for   Journal of the American Statistical Association (2)
Referee for   Journal of the Royal Statistical Society, Series B (1)
Referee for   Journal of Graphical and Computational Statistics (1)
Referee for   Applied Stochastic Models in Business and Industry (1)
Referee for   Quality and Reliability Engineering International (1)
Referee for   Energy Economics (4)
Referee for   Journal of International Money and Finance (1)
Referee for   Economics Letters (1)
Referee for   Economic Modelling (4)
Referee for   Econometrics and Statistics (1)
Referee for   Applied Economics (2)
Referee for   Financial Innovation (1)
Referee for   Information Sciences (1)
Referee for   Applied Mathematical Modelling (1)
Referee for   Applied Mathematics and Computation (2)
Referee for   IIE Transactions on Healthcare Systems Engineering (1)
Referee for   International Journal of Production Research (2)
Referee for   Bioinformatics (3)
Referee for   Brazilian Journal of Probability and Statistics (2)
Referee for   Journal of Statistical Planning and Inference (9)
Referee for   Journal of Statistical Computation and Simulation (17)
Referee for   Computational Statistics & Data Analysis (11)
Referee for   Statistical Analysis and Data Mining (1)
Referee for   Communications in Statistics-Theory and Methods (24)
Referee for   Communications in Statistics, Part B--Simulation and Computation (9)
Referee for   Journal of the Royal Society Interface (1)
Referee for   Contemporary Clinical Trials (2)
Referee for   Statistics in Medicine (3)
Referee for   Neuroimage (1)
Referee for   Educational and Psychological Measurement (1)
Referee for   Evidence Based Complementary and Alternative Medicine (1)

Referee for	Int. J. of Data Mining and Bioinformatics (1)
Referee for	Survey Methodology (2)
Referee for	Metrika (2)
Referee for	Statistica Neerlandica (2)
Referee for	Pattern Recognition letters (1)
Referee for	Test (3)
Referee for	Statistical Papers (5)
Referee for	Statistics (6)
Referee for	Stat (1)
Referee for	Sankhya-The Indian Journal Of Statistics (1)
Referee for	Statistics Sinica (1)
Referee for	Statistics and Probability Letters (2)
Referee for	Statistics and Its Interface (1)
Referee for	Journal of the Franklin Institute (1)
Referee for	Journal of Applied Statistics (8)
Referee for	Heliyon (2)
Referee for	Journal of Probability and Statistical Science (3)
Referee for	Journal of Official Statistics (2)
Referee for	Journal of Modern Mathematics Frontier (1)
Referee for	Applied Mathematics Letters (1)
Referee for	Far East Journal of Theoretical Statistics (1)

RESEARCH WORKS

EXPERTS@MINNESOTA

Jong-Min Kim's Google Scholar Citation List

Jong-Min Kim's Researchgate

Jong-Min Kim's Scopus

Jong-Min Kim's SciProfiles

Jong-Min Kim's Linkedin

Book

Sun, L.-H., Huang, X.-W., Alqawba, M.S., **Kim, J.-M**., Emura, T. (2020). Copula-Based Markov Models for Time Series Parametric Inference and Process Control, Springer Publisher, ISBN 978-981-15-4998-4

Kim, J.-M. (2020). Uncertainty Quantification Techniques in Statistics, **MDPI** Publisher, ISBN 978-3-03928-546-4 (Pbk); ISBN 978-3-03928-547-1 (PDF). (This book is a printed edition of the Special Issue Uncertainty Quantification Techniques in Statistics that was published in *Mathematics*)

Refereed Journal Publications

In Press

[180] J.-M. Kim and S. Y. Hwang (2025), "Five Number Summary Approach to Functional ARCH for High Frequency Intraday Volatility", Applied Economics, **In Press**. **SSCI.**
[179] J.-M. Kim and I. D. Ha (2025), "Vine copula MFPCA residual control chart for sparse multivariate functional data", Communications in Statistics: Simulation and Computation; **In Press**. **SCIE.**

[178] N. Pecoraa, A. Speltab, P. Pagnottonic, and J.-M. Kim (2025), "How is China shaping Africa? The role of Chinese Development Projects on land cover transformation", Quality & Quantity; **In Press**. **SCOPUS.**

[177] J. Shabbir, S. M. Arsalan, J.-M. Kim (2025), "On Use of Double Sampling Strategy for the Estimation of Finite Population Mean", Measurement Interdisciplinary Research and Perspectives; **In Press**. **SCOPUS.**

[176] J.-M. Kim (2025), "Statistical Methods for Dynamic Disease Screening and Spatio-Temporal Disease Surveillance by Peihua Qiu (Book Review)", Journal of Applied Statistics; **In Press. SCIE.**

[175] J.-M. Kim (2025), Discussion on the paper titled as "Bayesian Restricted Likelihood Methods: Conditioning on Insufficient Statistics in Bayesian Regression" by Lewis, MacEachern, and Lee, Bayesian Analysis; **In Press**. **SCIE.**

2025

[174] D. Liu and J.-M. Kim (2025), "Monetary Policy Sentiment and Its Influence on Healthcare and Technology Markets: A Transformer Model Approach", Analytics, 4(1), 6.

2024

[173] J.-M. Kim, I.D. Ha and S. Kim (2024), "Copula Deep Learning Control Chart for Multivariate Zero Inflated Count Response Variables", Statistics: A Journal of Theoretical and Applied Statistics; 58 (3), 749-769. **SCI.**

[172] J.-M. Kim and S. Y. Hwang (2024). "Change point detection for the intraday volatility using functional ARCH and conditional Copula", Communications in Statistics: Simulation and Computation; 53(10), 4947-4955.. **SCIE.**

[171] J.-M. Kim and S. Y. Hwang (2024). "Finding Hidden Structure of Sparse Longitudinal Data via Functional Eigenfunctions", Applied Economics Letters; 31:12, 1142-1149. **SSCI.**

[170] J. Eklund and J.-M. Kim (2024), "Forecasting Consumer Price Index with Federal Open Market Committee Sentiment Index", Journal of Forecasting; 43(6),1795-1813. **SSCI.**

[169] H. Imai and J.-M. Kim (2024), "Foreign investors, rebalancing trades, and increases in U.S.-Japan stock market correlations", Applied Economics; 56(47), 5634-5649. **SSCI.**

[168] S.-H. Sung, S. Hong, J.-M. Kim, D.-Y. Kang, H. Park, and S. Kim (2024). Cognitive Impairment Classification Prediction Model Using Voice Signal Analysis. Electronics, (13)18, 3644. **SCIE.**

[167] J. Lee and J.-M. Kim (2024), "Personalized Treatment Policies with the Novel BJ-Q Learning Algorithm", Axioms; 13(4), 212. **SCIE.**

[166] H. Jang, J.-M. Kim, and H. Noh (2024), "Vine Copula Granger Causality in Quantiles", Applied Economics; 56(10), 1109-1118. **SSCI.**

[165] P. Pagnottoni, A. Famà, and J.-M. Kim (2024), "Financial Networks of Cryptocurrency Prices in Time-Frequency Domains", Quality & Quantity; 58(2), 1389-1407. **SCOPUS.**

[164] S. Sahu, José Hugo Ochoa Vázquez, Alejandro Fonseca Ramírez, J.-M. Kim (2024), "Analyzing Portfolio Optimization in Cryptocurrency Markets: A Comparative Study of Short-Term Investment Strategies Using High-Frequency Data", Journal of Risk and Financial Management; 17(3), 125. **SCOPUS.**

[163] S. Sahu, Alejandro Fonseca Ramírez and J.-M. Kim (2024), "Exploring Calendar Anomalies and Volatility Dynamics in Cryptocurrencies: A Comparative Analysis of Day-of-the-Week Effects before and during the COVID-19 Pandemic"; Journal of Risk and Financial Management; 17(8), 351. **SCOPUS.**

[162] S. Best and J.-M. Kim (2024), "Prediction of Underage Alcohol, Marijuana, and Inhalant Use as Predictors", International Journal of Behavioural and Healthcare Research, 9(3/4), 202-218.

2023

[161]   J.-M. Kim and H. Jung (2023), "The impact of COVID-19 on dependence structure in the stock market", Applied Economics Letters; 30(4), 510-15. SSCI.

[160]   Y.S. Kim, S.Y. Hwang, J.-M. Kim and S. Kim (2023), "Linear time-varying regression with Copula–DCC–Asymmetric–GARCH models for volatility: The co-movement between industrial electricity demand and financial factors", Applied Economics; 55(3), 255-272. SSCI.

[159]   H. Noh, H. Jang, K.H. Kim, and J.-M. Kim (2023), "Nonparametric Directional Dependence Estimation and Its Application to Cryptocurrency", Axioms; 12(3), 293. SCIE.

[158]   Y. Noh, J.-M. Kim, S. Hong and S. Kim (2023), "Deep Learning Model for Multivariate High-Frequency Time-Series Data: Financial Market Index Prediction", Mathematics; 11(16), 3603. SCIE.

[157]   J.-M. Kim, K.-J. Lee, S.-J. Lee (2023), "Two-stage imputation method to handle missing data for categorical response variable", Communications for Statistical Applications and Methods; 30(6), 577-587. SCOPUS.

[156]   K. Day and J.-M. Kim (2023), "Investigating Polarization in Critic and Audience Review Scores via Analysis of Extremes, Medians, Averages, and Correlations", International Journal of Environment, Workplace and Employment; 7(1), 3-12. SCOPUS.

[155]   A. R. Eisenschenk, D. Han and J.-M. Kim (2023), "The Market Sentiment and Stock Market: The Case of Social Media Stocks During the Covid 19 Pandemic", International Journal of Environment, Workplace and Employment; 7(1), 34-47. SCOPUS.

[154]   J.-M. Kim, D.B. Hwang and H. Jung (2023), "The Impacts of Financial Market Conditions on U.S.-Mexico Border Crossings", KUKJE KYUNGJE YONGU, 29(4), 1-13.

[153]   J.-M. Kim, H. Jung and B. Yang (2023), "Dependence Risk of Bank Equity Returns: A Vine Copula Approach", The Journal of Eurasian Studies, 20(3), 41-52.

[152]   J.-M. Kim and H. Jung (2023), "Revisiting the Relationship between Long-Term Interest Rates and Stock Prices in the Context of the COVID-19 Pandemic", The Comparative Economic Review, 30(2), 85~100.

2022

[151]   J.-M. Kim (2022). "Copula Dynamic Conditional Correlation and Functional Principal Component Analysis of COVID-19 Mortality in the United States", Axioms; 11(11), 619. SCIE.

[150]   J.-M. Kim and I. D. Ha (2022), "Deep Learning-Based Residual Control Chart for Count Data", Quality Engineering; 34(3), 370-381. SCIE.

[149]   J.-M. Kim, H. H. Han and S. Kim (2022). "Forecasting Crude Oil Prices with Major S&P 500 Stock Prices: Deep Learning, Gaussian Process, and Vine Copula", Axioms, 11(8), 375. SCIE.

[148]   J.-M. Kim, J. Kim and I. D. Ha (2022). "Application of Deep Learning and Neural Network to Speeding Ticket and Insurance Claim Count Data", Axioms; 11(6), 280. SCIE.

[147]   J.-M. Kim, H. Jung and B. Yang (2022), "A Revisit to Size Anomalies in U.S. Bank Stock Returns by Panel Copula", Applied Economics Letters; 29(8), 750-754. DOI: 10.1080/13504851.2021.1885602. SSCI.

[146]   M. Alqawbaa, J.-M. Kim, and T. Radwana. (2022), "Residual-based cumulative sum charts to monitor time series of counts via copula-based Markov models", Applied Stochastic Models in Business and Industry; 38(6), 1039-1048. SCIE.

[145]   H. Jang, J.-M. Kim, and H. Noh. (2022), "Vine Copula Granger Causality in Mean", Economic Modelling; 109, April 2022, 105798. SSCI.

[144]   S.-H. Sung, J.-M. Kim, B.-K. Park and S. Kim. (2022). "A Study on Cryptocurrency Log-Return Price Prediction Using Multivariate Time-Series Model", Axioms, 11, 448. SCIE.

[143]   H. Kim, J.-M. Kim, and S. Kim. (2022). "Frost Forecasting considering Geographical Characteristics", Advances in Meteorology, 1127628, 1-12. SCIE.

[142]   J.-M. Kim, C. Cho and C. Jun (2022). "Forecasting the Price of the Cryptocurrency using Linear and Nonlinear Error Correction Model", Journal of Risk and Financial Management; 15(2), 74. Ranked B by the ABDC (Australian Business Deans Council).

[141]   G. K. Vishwakarma, N. Singh, and J.-M. Kim (2022), "Computing the Effect of Measurement Errors on Efficient Variant of the Product and Ratio Estimators of Mean Using Auxiliary Information", Communications in Statistics: Simulation and Computation; 52(2), 604-625. SCIE.

[140]   J. Eklund and J.-M. Kim. (2022). "Examining Factors that Affect Movie Gross Using Gaussian Copula Marginal Regression", Forecasting; 4(3), 685-698. SCOPUS.

[139]   Y. Hu and J.-M. Kim (2022), "The Impact of the Covid-19 Pandemic on the Music Industry", FinTech; 1(4), 399-411.

2021

[138]   J.-M. Kim and S. Y. Hwang (2021), "Functional ARCH Directional Dependence via Copula for Intraday Volatility with High-frequency Financial Time Series", Applied Economics; 53(4), 506-520. SSCI.

[137]   J.-M. Kim, D.H. Kim and H. Jung (2021), "Applications of Machine Learning for Corporate Bond Yield Spread Forecasting", North American Journal of Economics and Finance; 58, 101540. SSCI.

[136]   J.-M. Kim, C. Jun and J. Lee (2021), "Forecasting the volatility of the cryptocurrency market using GARCH and Stochastic Volatility", Mathematics; 9(14), 1614. <Q1 Journal>. SCIE.

[135]   J.-M. Kim and I.D. Ha (2021), "Deep Learning-Based Residual Control Chart for Binary Response", Symmetry; 13(8), 1389. SCIE.

[134]   J.-M. Kim, J. Baik, and M. Reller (2021), "Control charts of mean and variance using copula Markov SPC and conditional distribution by copula", Communications in Statistics: Simulation and Computation; 50:1, 85-102. SCIE.
[133] J.-M. Kim, D.H. Kim and H. Jung (2021), "Estimating Yield Spreads Volatility Using GARCH-type Models", North American Journal of Economics and Finance; 57, 101396. SSCI.
[132]   J.-M. Kim, C. Li and I.D. Ha (2021), "Bayesian Quantile Regression and Unsupervised Learning Methods to the US Army and Navy Data", International Journal of Productivity and Quality Management; 32(1), 92-108. Scopus.
[131]   N. Lee and J.-M. Kim (2021), " Dynamic functional connectivity analysis based on time-varying partial correlation with a copula-DCC-GARCH model", Neuroscience Research; 169, 27-39. SCIE.
[130]   M. Alqawbaa, N. Diawara and J.-M. Kim (2021), "Copula Directional Dependence of Discrete Time Series Marginals", Communications in Statistics: Simulation and Computation; 50:11, 3733-3750. SCIE.
[129]   G. N. Singh, M. Khalid, and J.-M. Kim (2021), "Some Imputations Methods to Deal with the Problems of Missing Data in Two-Occasion Successive Sampling", Communications in Statistics: Simulation and Computation; 50:2, 557-580. SCIE.
[128]   C. Singh, M. Kamal, G. N. Singh and J.-M. Kim (2021). Study to alter the nuisance effect of non-response using scrambled mechanism. Risk Management and Healthcare Policy; 2021:14 1595–1613. SSCI/SCI.
[127]   D. Miller and J.-M. Kim (2021), "Univariate and Multivariate Machine Learning Forecasting Models on the Price Returns of Cryptocurrencies", Journal of Risk and Financial Management; 14(10), 486. Ranked B by the ABDC (Australian Business Deans Council).
[126]   X. Xiao, Y. Cheng, and J.-M. Kim (2021), "Movie Title Keywords: A Text Mining and Exploratory Factor Analysis of Popular Movies in the United States and China", Journal of Risk and Financial Management; 14(2), 68. Ranked B by the ABDC (Australian Business Deans Council).
[125]   C. Singh, G. N. Singh, and J.-M. Kim (2021). A Randomized response model for sensitive attribute with privacy measure using Poisson distribution. Ain Shams Engineering Journal; 12(4), 4051-4061. SCIE.

2020

[124]   J.-M. Kim (2020), A Review of Copula Methods for Measuring Uncertainty in Finance and Economics. Quantitative Bio-Science, 39(2), 81-90. R-code. Invited Paper.
[123]   J.-M. Kim, Y. Liu and N. Wang (2020), "Multi-stage change point detection with copula conditional distribution with PCA and functional PCA", Mathematics; 8(10), 1777. <Q1 Journal>. SCIE.
[122]   J.-M. Kim, S. Kim and S.T. Kim (2020), "On the Relationship of Cryptocurrency Price with US Stock and Gold Price using Copula Models", Mathematics; 8(11), 1859 <Q1 Journal>. SCIE.
[121]   R. Wingenbach, J.- M. Kim and H. Jung (2020), "Living Longer with High Longevity Risk", Journal of Demographic Economics; 86, 47-86. <Q1 Journal>. SSCI.
[120]   J.-M. Kim, N. Lee and S. Y. Hwang (2020), "Copula Nonlinear Granger Causality", Economic Modelling; 88, 420-430. SSCI.
[119]   J.-M. Kim, L. Tabacu and H. Jung (2020), "A Quantile-Copula Approach to Dependence between Financial Assets", The North American Journal of Economics and Finance; 51, 101066. SSCI.
[118]   J.-M. Kim, N. Wang, Y. Liu and K. Park (2020), "Residual Control Chart for Binary Response with Multicollinearity Covariates by Neural Network Model", Symmetry; 12(3), 381. SCIE.
[117]   J.-M. Kim, D.H. Kim and H. Jung (2020), "Modeling Non-normal Corporate Bond Yield Spreads by Copula", The North American Journal of Economics and Finance; 53, 101210. SSCI.
[116]   J.-M. Kim, C. Jun and H.H. Han (2020), "Sustainable Causal Interpretation with Board Characteristics: Caveat Emptor", Sustainability, 12(8), 3429. SSCI/SCIE.
[115]   J.-M. Kim, C. Li and I.D. Ha (2020), "Machine Learning Techniques Applied to US Army and Navy Data ", International Journal of Productivity and Quality Management; 29(2), 149-166. Scopus.
[114]   J.-M. Kim, C. Li and I.D. Ha (2020), "Generalized Linear Mixed Logit and Probit Models Applied to US Army and Navy Data", International Journal of Productivity and Quality Management; 30(1), 126–142. Scopus.
[113]   J.-M. Kim, L. Xia, I.-S. Kim, S.-J. Lee and K.-H. Lee, (2020). Finding Nemo: Predicting Movie Performances by Machine Learning Methods, Journal of Risk and Financial Management; 13(5), 93. Ranked B by the ABDC (Australian Business Deans Council).
[112]   J.-M. Kim, X. Xiao and I.-S. Kim (2020), "Hollywood Movie Analysis by Social Network Analysis and Text Mining", International Journal of Electronic Commerce Studies; 11(1), 75-92. Scopus.

[111]   J.-M. Kim, C. Jo, W. Kim and C. Jun (2020). The Changing Dynamics of Board Independence: A Copula Based Quantile Regression Approach, Journal of Risk and Financial Management; 13(5), 93. Ranked B by the ABDC (Australian Business Deans Council).

[110]   J.-M. Kim, H. Ju and Y. Jung (2020), "Copula Modeling for Developing a Biomarker Panel for Prediction of Dengue Hemorrhagic Fever", Annals of Data Science; 7, 697-712.

[109]   L. Liu, Y. Liu and J.-M. Kim (2020), "Sustainable Visual Analysis for Bank Non-Performing Loans and Government Debt Distress", Sustainability; 12(1), 131. SSCI/SCIE.

[108]   L. Liu, Y. Liu, J.-M. Kim, R. Zhong and G.-Q. Ren (2020), "Analysis of Tail Dependence between Sovereign Debt Distress and Bank Non-Performing Loans", Sustainability; 12(2), 747. SSCI/SCIE.

[107]   S. Kwon, I.D. Ha and J.-M. Kim (2020), "Penalized Variable Selection in Copula Survival Models for Clustered Time-to-Event Data", Journal of Statistical Computation and Simulation; 90(4), 657-675. SCIE.

[106]   G. S. Lee, K.-H. Hong, C.-K Son and J.-M. Kim (2020), "A stratified estimation of a sensitive character by using geometric distribution", Communications in Statistics: Theory and Methods; 49(13), 3184-3205. SCIE.

[105]   K. Park, D. Jung and J.-M. Kim (2020), "Control Charts Based on Randomized Quantile Residuals", Applied Stochastic Models in Business and Industry; 36, 716-729. SCIE.

[104]   J.E. Yoon, J.-M. Kim and S. Y. Hwang (2020), "FPCA for volatility from high-frequency time series via R-function", The Korean Journal of Applied Statistics; 33(6), 805-812.

2019

[103]   J.-M. Kim, N. Lee and X. Xiao (2019), "Directional Dependence Between Major Cities in China Based on Copula Regression on Air Pollution Measurements", PLoS ONE 14(3): e0213148. R code. <Q1 Journal>. SCIE.

[102]   J.-M. Kim, S.Y. Hwang, J. Yoon and S. Jun (2019), "Patent Keyword Analysis using Time Series and Copula Models", Applied Sciences; 9(19), 4071. <Q1 Journal>. SCIE.

[101]   S. Kim and J.-M. Kim (2019), "Two-Stage Classification with SIS using a New Filter Ranking Method in High Throughput Data", Mathematics; 7(6), 493. <Q1 Journal>. R code. SCIE.

[100]   J.-M. Kim and H. Jung (2019), "Predicting Bid Prices by Using Machine Learning", Applied Economics; 51(19), 2011-2018. SSCI.

[99]   J.-M. Kim and S. Y. Hwang (2019), "The Copula Directional Dependence by Stochastic Volatility Models", Communications in Statistics: Simulation and Computation; 48(4), 1153-1175. SCIE.

[98]   J.-M. Kim, B. Sun and S. Jun (2019), "Sustainable Technology Analysis using Data Envelopment Analysis and State Space Models", Sustainability; 11(13), 3597. SSCI/SCIE.

[97]   J.-M. Kim, Y. Jung, N.-K. Kim and S. Jun (2019), "Patent Data Analysis using Functional Count Data Model", Soft Computing; 23(18), 8815-8826. SCIE.

[96]   J.-M. Kim and, D. Han and Y. Hang (2019). "Geographical Distribution of Crime in Minneapolis Neighborhoods: Dynamic Geographic Heat Map Analysis and Count Data Statistical Methods", British Journal of Humanities and Social Sciences, Vol. 22 (1), 14-29.

[95]   N. Lee and J.-M. Kim (2019), "Copula directional dependence for inference and statistical analysis of whole brain connectivity from fMRI data", Brain and Behavior; Volume 9, Issue 1, January 2019, e01191. R code. SCIE.

[94]   N. Lee and J.-M. Kim (2019), "Dynamic Functional Connectivity Analysis of Resting-State FMRI Based on Copula Time-Varying Correlation", Journal of Neuroscience Methods; 323, 32-47. SCIE.

[93]   I.D. Ha, J.-M. Kim and T. Emura (2019), "Profile Likelihood Approaches for Semiparametric Copula and Fraility Models for Clustered Survival Data", Journal of Applied Statistics; 46(14), 2553-2571. SCIE.

[92]   S. Hyun, J. Lee, J.-M. Kim and C. Jun (2019), "What Coins lead in the Cryptocurrency Market? Using Copula and Neural Networks Model", Journal of Risk and Financial Management; 12(3), 132. Ranked B by the ABDC (Australian Business Deans Council).

[91]   M. Nishkido, J.- M. Kim and H. Jung (2019), "Is Sustainable Tourism Solely a Supply Issue in a Small Island?: The Case of Saipan", Journal of Eurasian Studies; 16(4), 263-281.

2018

[90]   J.-M. Kim and H. Jung (2018), "Dependence Structure between Oil Prices, Exchange Rates, and Interest Rates", Energy Journal; 39(2), 259-280. <Q1 Journal>. SSCI.

[89]   K. Park, J.-M. Kim and D. Jung (2018), "GLM-based statistical control r-charts for dispersed count data with multicollinearity between input variables", Quality and Reliability Engineering International; 34(6), 1103-1109. <Q1 Journal>. SCIE.

[88]   J.-M. Kim and H. Jung (2018), "Time Series Forecasting using Functional Partial Least Square Regression with Stochastic Volatility, GARCH and Exponential Smoothing ", Journal of Forecasting; Volume 37, Issue 3, 269-280. SSCI.
[87]   J.-M. Kim and H. Jung (2018), "Relationship between Oil Price and Exchange Rate by FDA and Copula", Applied Economics; 50(22), 2486-2499. SSCI.
[86]   J.-M. Kim and J. Baik (2018), "Anomaly detection in sensor data", Journal of Applied Reliability; 18(1), 20-32.
[85]   J.-M. Kim and H. Jung (2018), "Directional Time-Varying Partial Correlation with the Gaussian Copula-DCC-GARCH Model", Applied Economics; 50(41), 4418-4426. SSCI.
[84]   S. Mukherjee, Y. Lee, J.-M. Kim, J. Jang and J.S. Park (2018), "Construction of Bivariate Asymmetric Copulas", Communications for Statistical Applications and Methods; 25(2), 217-234.
[83]   N. Lee and J.-M. Kim (2018), "Block tensor train decomposition for missing data estimation", Statistical Papers; 59, 1283-1305. R code. SCIE.
[82]   J.E. Yoon, J.-M. Kim and S. Y. Hwang (2018), "The fGARCH(1,1) as Functional Volatility Measure of Ultra High Frequency Time Series", The Korean Journal of Applied Statistics; 31 (5), 667-675.

2017

[81]   J.-M. Kim and S. H. Jun (2017), "Integer-Valued GARCH Processes for Technology Analysis of Apple", Industrial Management & Data Systems; 117 (10), 2417-2430. <Q1 Journal>. SCIE.
[80]   J.-M. Kim and S. Y. Hwang (2017), "Directional Dependence via Gaussian Copula Beta Regression Model with Asymmetric GARCH Marginals", Communications in Statistics: Simulation and Computation; 46(10), 7639-7653. SCIE.
[79]   J.-M. Kim and H. Jung (2017), "Can Asymmetric Conditional Volatility Imply Asymmetric Tail Dependence?", Economic Modelling; 64, 409-418. SSCI.
[78]   J.-M. Kim, H. Jung and L. Qin (2017), "New Generalized Volatility Proxy via Stochastic Volatility Model", Applied Economics; 49 (23), 2259-2268. Supplementary data SSCI.
[77]   J.-M. Kim, D. M. Im and S. H. Jun (2017), "Factor Analysis and Structural Equation Model for Patent Analysis: Case Study of Apple Technology", Technology Analysis& Strategic Management; 29, No. 7, 717-734. SSCI.
[76]   J.-M. Kim, K.-J. Lee and W. Kim (2017), "Variance estimations by multivariate imputation methods in complex survey designs", Model Assisted Statistics and Applications-International Journal, 12, 195-207. Scopus.
[75]   J.-M. Kim , J.-B. Ryu, S.J. Lee, and S. Jun (2017), "Penalized Regression Models for Patent Keyword Analysis", Model Assisted Statistics and Applications-International Journal; 12, 239-244. Scopus.
[74]   C.-K Son and J.-M. Kim (2017), "Calibration Estimation of Adjusted Kuk's Randomized Response Model for Sensitive Attribute ", Brazilian Journal of Probability and Statistics; 31(1), 160-178. SCIE.
[73]   J. Song and J.-M. Kim (2017), "Bayesian Estimation of Rare Sensitive Attribute", Communications in Statistics: Simulation and Computation; 46, No. 5, 4154-4160. SCIE.
[72]   G.-S.Lee, K.-H. Hong, J.-M. Kim and C.-K. Son (2017), "Estimation of sensitive attributes using a stratified Kuk randomization device", REVISTA COLOMBIANA DE ESTADISTICA; 40 (1), 29-44. SCIE.
[71]   J.E. Yoon, J.-M. Kim and S.Y. Hwang (2017), "Functional ARCH (fARCH) for High-Frequency Time Series: Illustration", The Korean Journal of Applied Statistics; 30 (6), 983-991.

2016

[70]   J.-M. Kim, and H. Jung (2016), "Linear Time Varying Regression with Copula DCC-GARCH Model for Volatility ", Economics Letters; 145, 262-265. SSCI.
[69]   J.-M. Kim, H. Jung and L. Qin (2016), "Linear Time Varying Regression with a DCC-GARCH Model for Volatility", Applied Economics; 48 (17), 1573-1582. SSCI.
[68]   A. Pourkhanali, J.-M. Kim, L. Tafakori and F. A. Fard (2016), "Measuring Systemic Risk Using Vine-Copula", Economic Modelling; 53, 63-74. SSCI.
[67]   H. P. Singh, J-.M. Kim and T. A. Tarray (2016), "A family of estimators of population variance in two occasion rotation patterns", Communications in Statistics: Theory and Methods; 45, No. 14, 4106-4116. SCIE.
[66]   J.-M. Kim and S. H. Jun (2016), "Zero Inflated Poisson and Negative Binomial Regressions for Technology Analysis using Apple's Patents ", International Journal of Software Engineering and Its Applications; 10, No. 12, 431-448. Scopus.

[65]   V.K. Singh, J.-M. Kim and R. Singh (2016), "Mean Estimation Using Qualitative Prior Information under Stratified Random Sampling Scheme ", Journal of Advanced Research in Applied Mathematics and Statistics, 1(2), 79-86.

[64]   H.-S. Nam, S.-S. Chae, and J.-M. Kim (2016), "Comparison of Efficiency on Proportional and Optimal Allocations ", Journal of the Korean Data Analysis Society, 18, No. 3 (B), 1355-1366.

2015

[63]   J.-M. Kim, S. H. Jun (2015), "Graphical Causal Inference and Copula Regression Model for Apple Keywords by Text Mining", Advanced Engineering Informatics; 29 (4), 918-929. <Q1 Journal>.

[62]   S. Mukherjee, F. Jafari, and J-.M. Kim (2015), "Optimization of Spearman's Rho", REVISTA COLOMBIANA DE ESTADISTICA; 38 (1), 209-218.

[61]   C.-K Son and J.-M. Kim (2015), "Calibration Estimator of a Rare Sensitive Attribute with Poisson Distribution", Communications in Statistics: Theory and Methods; 44, 855-871.

[60]   K. Priyanka, R. Mittal and J.-M. Kim (2015)," Multivariate Rotation Design for population Mean in Sampling on Successive Occasions", Communications for Statistical Applications and Methods; 22 (5), 445-462.

[59]   C.-K Son and J.-M. Kim (2015), "Bayes Linear Estimators of Two Stage and Stratified Randomized Response Models ", Models Assisted Statistics and Applications; 10, 321-333.

2014

[58]   D. Kim and J.-M. Kim (2014), "Analysis of Directional Dependence using Asymmetric Copula-based Regression Models", Journal of Statistical Computation and Simulation; Vol. 84 (9), 1990-2010.

[57]   G.S. Lee, D. Uhm and J.-M. Kim (2014), "Estimation of a rare sensitive attribute in probability Proportional to size measures using Poisson distribution", Statistics; Vol. 48 (3), 685-709.

[56]   G. S. Lee, K.-H. Hong, J.-M. Kim and C.-K Son (2014), "An estimation of a sensitive attribute based on a two stage stratified randomized response model with stratified unequal probability sampling", Brazilian Journal of Probability and Statistics; Vol. 28 (3), 381-408.

[55]   S. Singh, S. A. Sedory and J.-M. Kim (2014), "An Empirical Likelihood Estimate of the Finite Population Correlation Coefficient", Communications in Statistics: Simulation and Computation; Vol. 43 (6), 1430-1441.

[54]   J-.M. Kim, Y. Jung, and E. A. Sungur (2014), "Copulas with Directional Dependence Property: Application to Foreign Exchange Currency Data", Models Assisted Statistics and Applications; Vol. 9, 309–324.

[53]   K.-H. Hong, G. S. Lee, C.-K Son, and J.-M. Kim (2014), "An estimation of a sensitive attribute by two stage stratified randomized response model", Models Assisted Statistics and Applications; Vol. 9 (1), 25-35.

[52]   R. Tailor, S. Chouhan and J.-M. Kim (2014), "Ratio and Product Type Exponential Estimators of Population Mean in Double Sampling for Stratification", Communications for Statistical Applications and Methods; Vol. 21(1), 1-9.

[51]   H. P. Singh, R. Shanmugam, S. Singh and J.-M. Kim (2014), " Estimation of Median in the Presence of Three Known Quartiles of an Auxiliary Variable", Communications for Statistical Applications and Methods; Vol. 21 (5), 363-386.

2013

[50]   D. Kim, J.-M. Kim, S.-M. Liao and Y. Jung (2013), "Mixture of D-vine Copula Approach for Modeling Dependence", Computational Statistics and Data Analysis; Vol. 64, 1-19. <Q1 Journal>.

[49]   G. S. Lee, K.-H. Hong, C.-K Son, and J.-M. Kim (2013), "An Extension of Quatember's Randomized Response Model ", Journal of the Korean Data Analysis Society; Vol. 15 (4), 1755-1766.

[48]   J.-M. Kim and T.-Y. Heo (2013), " Randomized Response Group Testing Model", Journal of Statistical Theory and Practice; Vol. 7 (1), 33-48.

[47]   G. N. Singh, Priyanka, Shakti Prasad, S. Singh and J.-M. Kim (2013), "A Class of Estimators for Population Variance in Two Occasion Rotation Patterns", Communications for Statistical Applications and Methods; Vol. 20(4)   , 247-257.

[46]   P. Sharma, R. Singh, and J.-M. Kim (2013), "Study of some improved ratio type estimators using information on auxiliary attributes under second order approximation", Journal of Scientific Research; Vol. 57, 138-146.

[45]   G.S. Lee, D. Uhm and J.-M. Kim (2013), "Estimation of a rare sensitive attribute in stratified sample using Poisson distribution", Statistics; Vol. 47 (3), 575-589.

2012

[44]   J. J. Song and J-.M. Kim (2012), "Bayesian Analysis of Randomized Response Sum Score Variables", Communications in Statistics: Theory and Methods; Vol. 41, 1875-1884.
[43]   H. P. Singh, S. Singh and J.-M. Kim (2012), "Some Alternative Classes of Shrinkage Estimators for Scale Parameter of the Exponential Distribution", The Korean Journal of Applied Statistics; Vol. 25 (2), 301-309.
[42]   D. Uhm, J.-M. Kim and Y. Jung (2012), "Large Asymmetry and Directional Dependence by using Copula Modeling to Currency Exchange Rates", Models Assisted Statistics and Applications; Vol. 7 (4), 327-340.
[41]   H. P. Singh, R. Taylor, S. Singh and J.-M. Kim (2012), "Families of Estimators of Finite Population Variance using Random Non-Response in Survey Sampling", The Korean Journal of Applied Statistics; Vol. 25 (4), 681-695.
[40]   H. P. Singh, P. Chandra, I. S. Grewal, S. Singh, C. Chen, S.A. Sedory and J.-M. Kim (2012), "Estimation of Population Ratio, Product and Mean using Multiauxiliary Information with Random Non-response", Statistica; Vol. 72 (4), 449-480.

2011

[39]   J.-M. Kim, Y.-S. Jung, T. Choi and E.A. Sungur (2011), "Partial Correlation with Copula Modeling", Computational Statistics and Data Analysis; Vol. 55 (3), 1357-1366. R-code , Data. <Q1 Journal>.
[38]   S. Singh and J.-M. Kim (2011), "Pseudo Empirical-Likelihood Estimator using Scrambled Responses ", Statistics & Probability Letters; Vol. 81 (3), 345-351.
[37]   S. Singh, J.-M. Kim, H. Jang, and S. Horn (2011), "Truncated Midzuno-Sen sampling scheme for estimating distribution function", Communications in Statistics: Simulation and Computation; Vol. 40 (7), 1096-1110.
[36]   R. Tailor, B. Sharma and J-.M. Kim (2011)," A Generalized Ratio-Cum-Product Estimator of Finite Population Mean In Stratified Random Sampling", Communications of the Korean Statistical Society; Vol. 18 (1), 111-118.
[35]   H.P. Singh, R. Tailor, S. Singh and J.-M. Kim (2011), "Estimation of Population Variance in Successive Sampling", Quality & Quantity; Vol. 45 (3), 477-494.
[34]   R. Tailor, R. Parmar, J-.M. Kim and R. Tailor (2011), "Ratio-Cum-Product Estimators of Population Mean Using Known Population Parameters of Auxiliary Variates", Communications of the Korean Statistical Society; Vol. 18 (2), 155-164.
[33]   J.-M. Kim, E.A. Sungur, T. Choi, and T.-Y. Heo (2011), "Generalized Bivariate Copulas and Their Properties", Model Assisted Statistics and Applications-International Journal; Vol. 6, 127-136.

2010

[32]   N. Lee and J.-M. Kim (2010), "Combining Kernel Conversion of Categorical Variables into Numerical Variables via Bayesian Network Classifiers for Binary Classifications", Computational Statistics and Data Analysis; Vol. 54, 1247-1265. Matlab-code. <Q1 Journal>.
[31]   C.-K Son, K.-H. Hong, G. S. Lee, and J.-M. Kim (2010), "The Calibration for Two-Phase Randomized Response Estimator", Communications in Statistics: Theory and Methods; Vol. 39, 6, 992-1012.
[30]   C. S. Hong and J.-M. Kim (2010), "The SSR Plot: A Graphical Representation for Regression", Communications in Statistics: Simulation and Computation; Vol. 39, 4, 726-735.
[29]   C.-K Son, J.-M. Kim, K.-H. Hong, and G. S. Lee (2010), "Calibration for Randomized Response Estimators", Communications in Statistics: Theory and Methods; Vol. 39, 17, 3163-3177.
[28]   G.N. Singh, K. Priyanka, J.-M. Kim, and S. Singh (2010), "Estimation of Population Mean using Imputation Techniques in Sample Surveys", Journal of the Korean Statistical Society; Vol. 39, 1, 67-74.
[27]   H. P. Singh, S. Singh and J.-M. Kim (2010), "On the Efficient Use of Auxiliary Variables in Estimating Finite Population Variance in Two Phase Sampling ", Communications of the Korean Statistical Society; Vol. 17, 2, 165-181.
[26]   J.-M. Kim and S.S. Chae (2010), "Three-Stage Stratified Randomized Response Model", The Korean Journal of Applied Statistics; Vol. 23, 3, 533-543.
[25]   J-.S. Byun, C.K. Son and J.-M. Kim (2010), "Calibration for Spatial Stratified Sampling Design", Communications of the Korean Statistical Society; Vol. 17, 1, 9-16.
[24]   J.-M. Kim and S.-S. Chae (2010), "Three-Stage Randomized Response Model", Social Science Review, The Social Science Research Institute, Daejeon University, Vol. 28, 2, 77-87.

2009

[23]   J.-M. Kim, Y. Jung, and T. Soderberg (2009), "Directional Dependence of Genes using Survival Truncated FGM Type Modification Copulas", Communications in Statistics: Simulation and Computation; Vol. 38, 7, 1470-1484.
[22]   S. S. Sidhu, M.L. Bansal, J.-M. Kim, and S. Singh (2009), "Unrelated Question Model in Sensitive Multi-Character Surveys", Communications of the Korean Statistical Society; Vol. 16, 1, 169-183.

2008

[21]   J.-M. Kim, Y. Jung, E. A. Sungur, K. Han, C. Park, and I. Sohn (2008), "A Copula Method for Modeling Directional Dependence of Genes", BMC Bioinformatics; Vol. 9:225. [Highly Accessed Article Selected] <Q1 Journal>.
[20]   H.P. Singh, R. Tailor, S. Singh and J.-M. Kim (2008), "A modified estimator of population mean using power transformation", Statistical Papers; Vol. 49, 1, 37-58.
[19]   Y. Jung, J-.M. Kim, and J. Kim (2008), "New Approach of Directional Dependence in Exchange Markets using Generalized FGM Copula Functions", Communications in Statistics: Simulation and Computation; Vol. 37, 4, 772-788.
[18]   C.-K Son, K.-H. Hong, G. S. Lee, and J.-M. Kim (2008), "The Calibration for Stratified Randomized Response Estimators", Communications of the Korean Statistical Society; Vol. 15, 4, 597-603.
[17]   S-.S. Chae, C. Kim, J-.M. Kim, and W.D. Warde (2008), "Cluster Analysis using Different Correlation Coefficients", Statistical Papers; Vol. 49, 4, 715-727.
[16]   S. Singh, J.-M. Kim, and I. S. Grewal (2008), "Imputing and Jackknifing Scrambled Responses", Metron-International Journal of Statistics; Vol. LXVI, 2, 183-204.

2007

[15]   J.-M. Kim, E.A. Sungur, and T.-Y. Heo (2007), "Calibration Approach Estimators in Stratified Sampling", Statistics & Probability Letters; Vol. 77, 1, 99-103.
[14]   J.-M. Kim, and M.E. Elam (2007), "A Stratified Unrelated Question Randomized Response Model", Statistical Papers; Vol. 48, 2, 215-233.
[13]   T.-Y. Heo and J.-M. Kim (2007), "Bayesian Inference for Multinomial Group Testing", The Korean Communications in Statistics; Vol. 14, 1, 81-92.
[12]   T.-Y. Heo and J.-M. Kim (2007), "A Closed-Form Bayesian Inferences for Multinomial Randomized Response Model", The Korean Communications in Statistics; Vol. 14, 1, 121-132.
[11]   H.P. Singh, R. Tailor, S. Singh and J.-M. Kim (2007), "Quantile Estimation in Successive Sampling", Journal of the Korean Statistical Society; Vol. 36, 4, 543-556.
[10]   E. A. Sungur, Salih Çelebioglu, J-M. Kim (2007), "Symmetry and complement functions of a copula", Commun. Fac. Sci. Univ. Ank. Ser. A1 Math. Stat.; Vol 56, 1, 41-54.

2006

[9]   J.-M. Kim, J. Tebbs and S.-W. An (2006), "Extensions of Mangat's randomized-response model", Journal of Statistical Planning and Inference; Vol. 136, 4, 1554-1567.
[8]   H.P. Singh, S. Singh and J.-M. Kim (2006), "General Families of Chain Ratio Type Estimators of the Population Mean with Known Coefficient of Variation of the Second Auxiliary Variable in Two Phase Sampling", Journal of the Korean Statistical Society; Vol. 35, 4, 377-395.
[7]   S-.S. Chae, J.-M. Kim, and W.Y. Yang (2006), "Cluster Analysis with Balanced Weight on Mixed-type Data", The Korean Communications in Statistics; Vol. 13, 3, 719-732.

2005

[6]   J.-B. Ryu, J.-M. Kim, T.-Y. Heo and C.-G. Park (2005), "On Stratified Randomized Response Sampling", Model Assisted Statistics and Applications-International Journal, 1 (1), 31 – 36.
[5]   J.-M. Kim and W. D. Warde (2005), "Some new results on the multinomial randomized response model", Communications in Statistics: Theory and Methods; Vol. 34, 4, 847-856.
[4]   J.-M. Kim and W.D. Warde (2005), " A Mixed Randomized Response Model", Journal of Statistical Planning and Inference; Vol. 133, 1, 211-221.

[3]   J.-M. Kim, and M.E. Elam (2005), " A Two-Stage Stratified Warner's Randomized Response Model Using Optimal Allocation", Metrika, Vol. 61, 1, 1-7.

2004

[2]   Elam, M. E., Case, K. E., and Kim, J. -M. (2004). "Second Stage Short Run (Xbar, vc) and (Xbar, sc) Control Charts" - abstract only. Journal of Computational and Graphical Statistics, 13 (2), 535-536.
[2]   Elam, M. E., Case, K. E., and Kim, J. -M. (2004). "Second Stage Short Run (Xbar, vc) and (Xbar, sc) Control Charts", Journal of Statistical Software, 9 (7), http://www.jstatsoft.org/
[1]   J.-M. Kim and W. D. Warde (2004), " A Stratified Warner's Randomized Response Model", Journal of Statistical Planning and Inference, Vol. 120/1-2, 155-165.

Book Chapter

[1]   J.- M. Kim, J. Baik and M. Reller (2018), "Detecting the Change of Variance by Using Conditional Distribution with Diverse Copula Functions", Proceedings of the Pacific Rim Statistical Conference for Production Engineering pp 145-154, March. 2018, ICSA Book Series in Statistics, Springer Publisher.

Published Proceedings

[1]   J.-M. Kim and W.D. Warde, "A New Multinomial Distribution Approach to Quantitative Randomized Response Technique," 2002 Proceedings for the American Statistical Association, Section on Survey Research Methods, pp 1824 -1828.
[2]   J.-M. Kim and M. E. Elam, "Comparison and Analysis of Stratified Randomized Response Models," 2003 Proceedings for the American Statistical Association, Section on Survey Research Methods, pp 2158 -2162.
[3]   J-M. Kim and E.A. Sungur (2004), "New class of bivariate copulas," Proceedings for the Spring Conference 2004, Korean Statistical Society, pp 207-212.
[4]   J.-M. Kim and J. E. Anderson, "Jackknife Variance Estimation for Two Samples after Imputation under Two-Phase Sampling," 2004 Proceedings for the American Statistical Association, Section on Survey Research Methods, pp 3816 -3820.
[5]   J-.M. Kim, E. A. Sungur and J. E. Anderson, "Truncation Invariant Dependence Structure of Multivariate Copulas", Bulletin of the International Statistical Institute 2005, pp 1-2.
[6]   J.-M. Kim, and T.-Y. Heo, "A Bayesian Analysis of the Multinomial Randomized Response Model using Dirichlet Prior Distribution," Proceedings for the Spring Conference 2005, Korean Statistical Society, pp 239-244.
[7]   E. A. Sungur, B.S. Winchester, J.E. Anderson ,and J-M. Kim, "A Way of Integrating Civic Learning into Statistics Courses: Media Reports," ICOTS-7 (7th International Conference on Teaching Statistics) Proceeding, pp 1-6, 2006.
[8]   S. Singh, J.-M. Kim, and I. S. Grewal, "Imputing and Jackknifing Scrambled Responses," 2008 Proceedings for the American Statistical Association, Section on Survey Research Methods, pp 3816 -3820.
[9]   J.-M. Kim, C.-K. Son, and J. Shin, "A panel logit model analysis of the causal analysis of the poverty of low income disabled people", 2009 Proceedings of the Second Korea Welfare Panel Study Conference, pp 111-123.
[10]   J.-M. Kim, Y. Je, and J.-S. Kim, "Generalized Estimating Equations models for analyzing the relationship between the reading habit and the endeavor-tenacity of the adolescent boys and girls", 2009 Proceedings of the Third Korean Education Longitudinal Study Conference, pp 645-671.
[11]   J.J. Song, J.-M. Kim and L. Lu, "Bayesian Analysis of Randomized Response Sum Score Variables", 1st IMS-APRM, 2009 pp 1-1.
[12]   J.S. Kim and J.-M. Kim, "Privacy Preserving Decision Tree with Randomized Response Technique", 1st IMS-APRM, 2009 pp 1-1.
[13]   J.-M. Kim, Y. Jung, and T. Soderberg (2009), "Directional Dependence of Genes using Survival Truncated FGM Type Modification Copulas", Bulletin of the International Statistical Institute 2009, pp 1-1.
[14]   J.-M. Kim and C.S. Lim, " The causal analysis of how much the Korean adolescent boys and girls their spare time usage have an influence on their social relationship by using Generalized estimating equations method.", the fifth Korean Education and Employment Panel Conference, Seoul National University, Seoul, South Korea, February 19, 2010.
[15]   J. J. Song and J-.M. Kim (2011), "Bayesian Analysis of Randomized Response Sum Score Variables", STATISTICS & INFORMATION FORUM, Vol.26, No.1, p 74, Jan. 2011.

Refereed Journals (under Revision)

[1] J. Lee and J.-M. Kim (2024), "Dynamic Treatment Strategies via Q-Learning and Buckley-James Method for Censored and Missing Data", Submitted to Journal of the Royal Statistical Society: Series A; under revision.
[2] K.-J. Lee and J.-M. Kim (2025), "Deep Learning Approaches for Forecasting the FOMC Statement Sentiment Index", Submitted to Communications for Statistical Applications and Methods; under revision.
[3] J.-M. Kim (2025), "Integrating Copula-Based Random Forest and Copula-Based Deep Learning Approaches for Analyzing Heterogeneous Treatment Effects in Survival Analysis", Submitted to Mathematics; under revision.
[4] J.-M. Kim (2025), "Treatment effect estimation in survival analysis using deep learning-based causal inference", Submitted to Axioms.; under revision.

Refereed Journals (under Review)

[1] J.-M. Kim and S. Y. Hwang (2025), "Forecasting intra-day volatility by vine copula regression using MFPCA and lagged covariates for high-frequency financial time series", Submitted to Journal of Forecasting; under review.
[2] J.-M. Kim and S. Y. Hwang (2025), "Hidden directional dependence for multivariate longitudinal data contaminated by measurement error : sparsity and high frequency", Submitted to Communications in Statistics: Simulation and Computation; under review.
[3] J.-M. Kim , I. D. Ha and S. Kim (2025), "Deep Learning-Based Survival Analysis with Copula-Based Activation Functions for Multivariate Response Prediction", Submitted to Computational Statistics.; under review.
[4] J.-M. Kim and I. D. Ha (2025), "Copula-Based Deep Learning Models for Competing Risks", Submitted to Statistical Analysis and Data Mining; under review.
[5] J. Lee and J.-M. Kim (2025), "Dynamic Treatment Strategies via Q-Learning and Deep Learning-Based Buckley-James Method for Censored and Missing Data", Submitted to Technometrics, under review.
[6] J. Lee and J.-M. Kim (2025), "Counterfactual Buckley-James Boost Q-Learning for Longitudinal Survival Data", Submitted to Journal of the Royal Statistical Society: Series C, under review.
[7] J.-M. Kim and S. Y. Hwang (2025), "Multivariate Control Charts and Changepoint Detection for Multivariate Functional Data by Nonparametric Conditional Distribution and FPCA", Submitted to Applied Stochastic Models in Industry and Business; under review.
[8] J.-M. Kim and S. Y. Hwang (2025), "Copula-Based Functional GARCH Model with Spatial Components", Submitted to JSCS; under review.

Attended Virtual Conferences and Workshops

[10]   Allied Social Science Association (ASSA) 2022 Virtual Annual Meeting, Virtual Conference, January 07-09, 2022.

[9]   2021 Financial Management Association (FMA) Annual Meeting, In Person and Virtual Conference, Denver, Colorado, October 20-23, 2021.

[8]   The Statistical and Applied Mathematical Sciences Institute (SAMSI), Virtual Workshop on SAMSI Closing Ceremony, Dates: August 21, 2021.

[7]   2021 Joint Statistical Meeting, Virtual Conference on Statistics, Data, and the Stories They Tell, Dates: August 08-12, 2021.

[6]   Twin Cities Chapter American Statistical Association (ASA), Virtual Spring Event, Dates: April 15, 2021.

[5]   Institute for Mathematics and Its Applications, University of Minnesota, Virtual Workshop on Optimal Control, Optimal Transport, and Data Science, Dates: November 09-13, 2020.

[4]   Twin Cities chapter of the American Statistical Association, Virtual Workshop on Empowering the Statistician with Spark, Machine Learning and Deep Learning, Dates: November 06, 2020.

[3]   2020 FMA (Financial Management Association) Virtual Conference, Dates: October 19-23, 2020.

[2]   Institute for Mathematics and Its Applications, University of Minnesota, Virtual Workshop on Theory and Algorithms in Graph-based Learning, Dates: September 14-18, 2020.

[1]   The Statistical and Applied Mathematical Sciences Institute (SAMSI), Virtual Workshop on Numerical Analysis for Data Science Opening Workshop, Dates: August 26-27, 2020.

Presentations and Workshops

[207]   J.-M. Kim, "To Address Significance of Effective Research in Enhancing Mother and Neonatal Health". The zoom session was organized by the James Lind Institute, an international educational institution based in Geneva, Switzerland, April 19, 2025.

[206]   J.-M. Kim, "Mastering Manuscript Writing and Presenting Results: From Draft to Publication". The zoom session was organized by the James Lind Institute, an international educational institution based in Geneva, Switzerland, February 20, 2025.

[205]   J.-M. Kim, Applications of FinTech and AI in Strategic Management. Keynote Speaker at the 10th Biannual Strategic Management in Latin America Conference (smla2024.tec.mx), Guadalajara, Mexico, December 12, 2024.

[204]   J.-M. Kim, and S. Y. Hwang. Directional Dependence for Contaminated Data with Potential Sparsity and High Frequency. Oral Contributed Session Presentation at the 2024 Winter conference of the Korean Statistical Society, KAIST (Korea Advanced Institute of Science and Technology), Daejeon, South Korea, November 23, 2024.

[203]   J.-M. Kim, "Reinforcement Learning for Personalized Treatment Policies in the Context of High-Dimensional Missing and Censored Data", Oral Invited Session Presentation, International Workshop on Statistical and Data Science -Survival and Correlated Data, Academic Sinica, Taipei City, Taiwan, July 11, 2024.

[202]   J.-M. Kim, and S. Y. Hwang. Change Point Detection for the Intraday Volatility Using Functional ARCH and Conditional Copula. Oral Invited Session Presentation at the 2024 International Conference for Statistics and Data Science, National Cheng-Chi University, Taipei City, Taiwan, July 09, 2024.

[201]   J.-M. Kim, "Copula Applications and Reinforcement Learning for Personalized Treatment Policies in the Context of High-Dimensional Missing and Censored Data", Invited Lecture, Department of the Management Information Systems, Dong-A University, Busan, South Korea, April 25, 2024.(By Zoom)

[200]   J.-M. Kim, "Forecasting Consumer Price Index with FOMC Sentimental Index", Invited Lecture, Department of the Management Information Systems, Dong-A University, Busan, South Korea, April 25, 2024.(By Zoom)

[199]   J.-M. Kim, "Reinforcement Learning for Personalized Treatment Policies in the Context of High-Dimensional Missing and Censored Data", Invited Presentation, 2024 MinneAnalytics Healthcare Data Science Conference (HALICON) at Bey Buy World Headquarter, Richfield, MN, USA, April 19, 2024.

[198]   J.-M. Kim, "Copula Applications and Reinforcement Learning for Personalized Treatment Policies in the Context of High-Dimensional Missing and Censored Data", Invited Presentation, the Division of Biostatistics and Health Data Science at the University of Minnesota., Minneapolis MN, USA, February 28, 2024.

[197]   J.-M. Kim, "Forecasting Consumer Price Index with FOMC Sentimental Index", Invited Seminar at Department of Mathematics and Statistics, North Carolian A&T State University, November 30, 2023. (By Zoom)

[196]   J.-M. Kim, "Forecasting Consumer Price Index with FOMC Sentimental Index", Invited Seminar, Egade Business School, Tecnologico de Monterrey, Monterrey, Mexico, November 29, 2023. (By Zoom)

[195]   J.-M. Kim, "Forecasting Consumer Price Index with FOMC Sentimental Index", Invited Seminar at Department of Mathematics, University of St. Thomas, St. Paul, Minnesota, November 20, 2023.

[194]   J.-M. Kim, "Forecasting Consumer Price Index with FOMC Sentimental Index", Keynote Speaker at the 2nd International Conference on "Revamped Scientific Outlook of 21st Century, 2023", Rawalpindi Women University, Punjab,
Pakistan, November 15, 2023. (By Zoom)

[193]   J.-M. Kim, " Graphical Causal Inference and Copula Regression Model for Apple Patent Keywords ", Invited Seminar, Department of Data Science, Cheongju University, Cheongju, South Korea, July 06, 2023.

[192]   J.-M. Kim, "Forecasting Consumer Price Index with FOMC Sentimental Index and Introduce deep learning statistical control chart", Invited Seminar, Department of Statistics and Data Science, Pukyong National University, Busan, South Korea, July 03, 2023.

[191]   J.-M. Kim, and S. Y. Hwang. Change Point Detection for the Intraday Volatility Using Functional ARCH and Conditional Copula. Oral Invited Session Presentation at the 2023 Summer conference of the Korean Statistical Society, Pukyoung National University, Busan, South Korea, June 29, 2023.

[190]   J.-M. Kim and J. Eklund, "Forecasting Consumer Price Index with FOMC Sentimental Index", Oral Presentation at Data Tech 2023, Minneanalytics, BestBuy, Minneapolis, Minnesota, June 09, 2023.

[189]   J.-M. Kim, "Copula and Its Applications", Invited Seminar, Department of Biostatistics, University of Florida, Gainesville, Florida. December 2, 2022.

[188]   J.-M. Kim, "Copula Directional Dependence and Its Applications", Invited Seminar, University of Wah, Islamabad, Pakistan. August 17, 2022. (By Zoom)

[187]   J.-M. Kim and I. D. Ha (2022), "Deep Learning-Based Residual Control Chart for Count Data", Zoom Oral Presentation at Invited Session "RECENT DEVELOPMENTS IN STATISTICAL DEEP LEARNING", 5th International Conference on Econometrics and Statistics (EcoStat 2022), Kyoto, Japan. Dates: June 05, 2022.

[186]   D. Miller and J.-M. Kim, "Predicting cryptocurrency price returns using univariate and multivariate machine learning models", Poster Presentation at 2022 research exhibition at Minnesota Supercomputing Institute, University of Minnesota, Minneapolis MN, USA, April 26, 2022.

[185]   X. Xiao, Y. Cheng, and J.-M. Kim. "Movie Title Keywords: A Text Mining and Exploratory Factor Analysis of Popular Movies in the United States and China", Oral Presentation at the 2022 UMN Day of Data, University of Minnesota at Twin Cities, Minneapolis, MN, January 15, 2022. (By Zoom)

[184]   H. Jang, J.-M. Kim, and H. Noh. Detecting Granger Causality in Mean using Stationary Vine Copula Models. Oral Presentation at the 2021 Fall conference of the Korean Statistical Society, Korea University, South Korea, November 06, 2021. (Oral Presentation by Hohsuk Noh)

[183]   J.-M. Kim, J. Lee, and C. Jun. Forecasting the Volatility of the Cryptocurrency Market Using GARCH and Stochastic Volatility. Session P071 - Fintech, 2021 Financial Management Association (FMA) Annual Meeting, October 21, 2021, Denver, CO. (Oral Presentation by Chulhee Jun)

[182]   J.-M. Kim, "Copula Directional Dependence and Its Applications", Korean International Statistical Society (KISS) Monthly Webinar Invited Seminar, October 20, 2021. (By Zoom)

[181]   D. Miller and J.-M. Kim, "Predicting cryptocurrency price returns using univariate and multivariate machine learning models", Poster Presentation at the 3rd Annual University of Minnesota Morris Fall Research Symposium, University of Minnesota at Morris, Morris, MN, USA, September 09, 2021. (Poster Presenter by Dante Miller).

[180]   J.-M. Kim, "Copula Directional Dependence and Its Applications", Invited talk to Bayesian Research Group led by Prof. Jaeyoung Lee, Department of Statistics, Seoul National University, Seoul, South Korea, July 06, 2021. (By Zoom)

[179]   J.-M. Kim, "Copula Directional Dependence and Its Applications", Plenary Speaker at Central Botswana Mathematics and Statistical Sciences Conference, Botswana International University of Science and Technology, Botswana, June 24, 2021. (By Zoom)

[178]   X. Xiao, Y. Cheng, and J.-M. Kim. "Movie Title Keywords: A Text Mining and Exploratory Factor Analysis of Popular Movies in the United States and China", Oral Presentation at the 2021 Spring conference of The Korea

Association for Survey Research, Korea Chamber of Commerce and Industry, Seoul, South Korea, May 28, 2021. (By Zoom)

[177]   J.-M. Kim, N. Wang and Y. Liu. "Change point detection method with copula conditional distribution to multistage sequential control chart", Poster Presentation at Institute for Mathematics and Its Applications, University of Minnesota, Virtual Workshop on Theory and Algorithms in Graph-based Learning, Dates: November 10, 2020.

[176]   J.-M. Kim, "Copula Directional Dependence and Its Applications", Invited Talk as a Main Guest Speaker at A Special Day for Statistics Mini Virtual Conference, Department of Mathematics and Statistics, Georgia Southern University, Statesboro, Georgia, U.S.A., October 30, 2020.

[175]   J.-M. Kim and N. Lee, "Dynamic functional connectivity analysis based on time-varying partial correlation with a copula-DCC-GARCH model", Poster Presentation at Institute for Mathematics and Its Applications, University of Minnesota, Virtual Workshop on Theory and Algorithms in Graph-based Learning, Dates: September 16, 2020.

[174]   J.-M. Kim, C. Jun and H.H. Han, "Sustainable Causal Interpretation with Board Characteristics: Caveat Emptor", Joint Conference with the Allied Korea Finance Association, The Plaza Hotel, Seoul, South Korea, August 7, 2020. (Oral Presentation by Hope H. Han)

[173]   J.-M. Kim, "Functional Principal Component Analysis and Functional Regression", Invited Seminar, Department of Marine Biology, Pukyong National University, Busan, South Korea, July 30, 2020.

[172]   J.-M. Kim, L. Xia, I.-S. Kim, S.-J. Lee and K.-H. Lee, "Finding Nemo: Predicting Movie Performances by Machine Learning Methods", Oral Presentation at the 2020 Spring conference of The Korea Association for Survey Research, Korea Chamber of Commerce and Industry, Seoul, South Korea, July 23, 2020.

[171]   J.-M. Kim and K. Lee, "Bayesian variable selection and imputation for categorical data", Oral Presentation at the 2020 Spring conference of the Korean Statistical Society, Hoseo University Cheonan Campus, South Korea, July 10, 2020. (Zoom Recorded Presentation).

[170]   J.-M. Kim, "Two-Stage Classification with SIS using a New Filter Ranking Method in High Throughput Data", Invited Seminar at 2019 Winter Workshop of the Korean Survey Statistics Society, Korea Open National University, Seoul, South Korea, December 4, 2019.

[169]   J.-M. Kim, "A Copula Nonlinear Granger Causality", Invited Seminar, Department of Statistics, Sookmyung Women's University, Seoul, South Korea, December 2, 2019.

[168]   J.-M. Kim, N. Wang and Y. Liu. "Change point detection method with copula conditional distribution to multistage sequential control chart", Oral Invited Session at 3th International Conference on Statistical Distributions and Applications, Grand Rapids, Michigan, USA, October 12, 2019.

[167]   J.-M. Kim, D.-H. Kim and H. Jung, "Modeling Non-normal Corporate Bond Yield Spreads by Copula", Poster Presentation at IMA Workshop on Recent Progress in Foundational Data Science, Minneapolis, Minnesota, September 16, 2019.

[166]   N. Lee and J.-M. Kim, "Analysis of Brain Functional Connectivity Based on Copula Directional Dependence", Invited Oral Presentation at the 2019 spring conference of the Korean Statistical Society, Kangwon National University, South Korea, May 25, 2019. (Oral Presentation by Namgil Lee).

[165]   J.-M. Kim, J. Seo, Z. He and D. Sun, "Spatial Data Analysis Using Copulas in the Presence of Spatial Confounding", Poster Presentation at SAMSI program on Model Uncertainty: Mathematical and Statistical (MUMS) Transition Workshop and SPUQ, University of North Carolina, Chapel Hill, North Carolina, USA, May 16, 2019.

[164]   J.-M. Kim and N. Lee, "Copula directional dependence for inference and statistical analysis of whole-brain connectivity from fMRI data", Poster Presentation at Institute of Mathematics and Its Applications Workshop, University of Minnesota, Minneapolis, MN, April 30, 2019.

[163]   J.-M. Kim, "Multi-stage change point detection with copula conditional distribution with PCA and functional PCA", Webex Online Presentation at SAMSI Data Fusion Working Group, SAMSI, Durham, North Carolina, USA, April 11, 2019.

[162]   J.-M. Kim, "Copula Directional Dependence of Histone Gene Data", Invited Seminar at Department of Mathematics and Statistics, University of Texas-El Paso, El Paso, TX, USA, April 05, 2019.

[161]   J.-M. Kim, " How technology is enhancing processes in the financial industry?", Expert Panel Talk at the 49º Research Conference @Tec de Monterrey, Tecnologico de Monterrey, Monterrey, Mexico, January 31, 2019.

[160]   J.-M. Kim, " How is Fintech reshaping the financial industry in China?", Expert Panel Talk at the 49º Research Conference @Tec de Monterrey, Tecnologico de Monterrey, Monterrey, Mexico, January 31, 2019.

[159]   J.-M. Kim, "Copula Directional Dependence and Its Applications", Invited Seminar, Egade Business School, Tecnologico de Monterrey, Monterrey, Mexico, January 30, 2019.

[158]   J.-M. Kim, "Introduction to Time Series Analysis: Forecasting", Invited Talk, at Johnson School of Business, University of South Carolina-Upstate, Spartanburg, SC, USA, January 16, 2019.

[157]   J.-M. Kim and H. Jung, "Time Series Forecasting using Functional Partial Least Square Regression with Stochastic Volatility, GARCH and Exponential Smoothing", Poster Presentation at The 2019 American Economic Association (AEA) Annual Meeting, Atlanta, Georgia, January 4-6, 2019.

[156]   J.-M. Kim, D.-H. Kim and H. Jung, "Modeling Non-normal Corporate Bond Yield Spreads by Copula", Poster Presentation at The 2019 American Economic Association (AEA) Annual Meeting, Atlanta, Georgia, January 4-6, 2019.

[155]   J.-M. Kim, "Mixture of D-vine Copula Approach for Modeling Dependence and How to write SCI paper", Invited Seminar at School of Business, Zhengzhou University, Zhengzhou, Henan, China, December 28, 2018.

[154]   J.-M. Kim, N. Wang and Y. Liu, "Change Point Detection Method with Copula Conditional Distributions to Multistage Sequential Control Chart", Invited Seminar at Department of Management Engineering, Zhengzhou University of Aeronautics, Zhengzhou, Henan, China, December 27, 2018.

[153]   J.-M. Kim, "Linear Time Varying Regression with Copula DCC-GARCH Model for Volatility", Invited Seminar at School of Business Administration, Ulsan National Institute of Science and Technology, Ulsan, South Korea, December 17, 2018.

[152]   J.-M. Kim, N. Wang and Y. Liu, "Change Point Detection Method with Copula Conditional Distributions to Multistage Sequential Control Chart", Invited Session on the Third Pacific Rim Statistical Conference for Production Engineering, National Tsing Hua University, Hsinchu, Taiwan, December 14, 2018.

[151]   J.-M. Kim, "Mixture of D-vine Copula Approach for Modeling Dependence", Invited Seminar at School of Business, Feng-Chia University, Taichung, Taiwan, December 12, 2018.

[150]   J.-M. Kim, "The Copula Functional ARCH Directional Dependence for Intraday Volatility Based on High frequency Time Series", Invited Seminar at Graduate Institute of Statistics, Taiyuan, Taiwan, December 11, 2018.

[149]   J.-M. Kim, and H. Jung, "Linear Time Varying Regression with Copula DCC-GARCH Model for Volatility", Oral Presentation at Fall Conference, Korean Data and Information Science Society, Korea National Open University, Seoul, South Korea, November 30, 2018.

[148]   Triangle Lectures in Combinatorics, University of North Carolina-Chapel Hill, NC, USA, November 10, 2018.

[147]   J.-M. Kim, "Mixture of D-vine Copula Approach for Modeling Dependence", Invited Seminar at Division of Mathematics and Computer Science, University of South Carolina-Upstate, Spartanburg, SC, USA, November 08, 2018.

[146]   J.-M. Kim and S. Y. Hwang, "The Copula Functional ARCH Directional Dependence for Intraday Volatility Based on High frequency Time Series", Oral Presentation at Special Invited Session on Statistical Analysis for Big data at the 2nd International Conference on Mathematics of Data Science ICMDS 2018, Old Dominion University, Norfolk, Virginia, USA, November 04, 2018.

[145]   J.-M. Kim, "Copula Directional Dependence and Its Applications", Invited Talk at Probability Class, Department of Mathematics & Statistics, Elon University, Burlington, NC, USA, October 17, 2018.

[144]   J.-M. Kim, "Copula Directional Dependence and Its Applications", Invited Talk at Nonparametric Statistics Class, Department of Mathematics, University of North Carolina at Ashville, Ashville, NC, USA, October 15, 2018.

[143]   The 2018 Financial Management Association (FMA) Annual Meeting, San Diego, California, October 10-13, 2018.

[142]   J.-M. Kim and S. Y. Hwang, "The Copula Functional ARCH Directional Dependence for Intraday Volatility Based on High frequency Time Series", Oral Presentation at AISC 2018, University of North Carolina at Greensboro, Greensboro, North Carolina, USA, October 07, 2018.

[141]   I.D. Ha, D. Jang, K.W. Rhee and H J.-M. Kim, "On copula directional dependence among Korea, Japan and China using recent active earthquake data", Oral Presentation at Taiwan-Korea-Japan Joint Symposium, Taichung City, Taiwan, October 04, 2018. (Oral Presentation by Il Do Ha).

[140]   J.-M. Kim, "Mixture of D-vine Copula Approach for Modeling Dependence", Presentation at SAMSI Data Fusion Working Group, SAMSI, Durham, North Carolina, USA, September 18, 2018.

[139]   J.-M. Kim and S. Y. Hwang, "The Copula Functional ARCH Directional Dependence for Intraday Volatility Based on High frequency Time Series", Poster Presentation at SAMSI program on Model Uncertainty: Mathematical and Statistical (MUMS) Opening Workshop, Duke University, Durham, North Carolina, USA, August 20, 2018 .

[138]   J.-M. Kim, C. Li and I.D. Ha, "General Linear Mixed Logit and Probit Models to US Army and Navy Data", Contributed Poster Session at 2018 Joint Statistical Meeting, Vancouver, Canada, July 31, 2018. (Poster Presentation by Chuwen Li)

[137]   J.-M. Kim, "Predicting Bid Prices by Using Machine Learning", Invited Seminar, Department of Statistics, Kangwon National University, Gangwon-do, South Korea, July 6, 2018.

[136]   N. Lee and J.-M. Kim, "Block tensor train decomposition for missing data estimation", Oral Presentation at Ninth International Workshop on Simulation, Barcelona, Spain, June 25-29, 2018. (Oral Presentation by Namgil Lee).

[135]   J.-M. Kim and H. Jung, "Dependence Structure between Oil Prices, Exchange Rates, and Interest Rates", 4th HenU / INFER Workshop on Applied Macroeconomics, Henan University, Henan Province, China, June 23, 2018. (Oral Presentation by Hojin Jung).

[134]   J.-M. Kim, "Copula Directional Dependence", Invited Seminar, Department of Statistics, Sookmyung Women's University, Seoul, South Korea, June 21, 2018.

[133]   J.-M. Kim and S. Y. Hwang, "The Copula Directional Dependence by Stochastic Volatility Models", Poster Presentation at, Southern Regional Council on Statistics (SRCOS) Conference, Virginia Beach, VA, June 4, 2018.

[132]   J.-M. Kim, C. Li and I.D. Ha, "Bayesian Quantile Regression and Unsupervised Learning Methods to the US Army and Navy Data", Poster Presentation at Spring Conference, Korean Data And Information Science Society, Pukyong National University, Busan, South Korea, May 11, 2018. (Poster Presentation by Il Do Ha)

[131]   J.-M. Kim, C. Li and I.D. Ha, " Machine Learning Techniques to the US Army and Navy Data", Poster Presentation at Spring Conference, Korean Data And Information Science Society, Pukyong National University, Busan, South Korea, May 11, 2018. (Poster Presentation by Il Do Ha)

[130]   J.-M. Kim and S. Y. Hwang, "The Copula Directional Dependence by Stochastic Volatility Models", Poster Presentation at Institute for Research on Statistics and Its Applications Workshop "Statistics and Data Science for Earth Systems", University of Minnesota, Minneapolis, MN, May 04, 2018.

[129]   J.-M. Kim and S. Y. Hwang, "The Copula Directional Dependence by Stochastic Volatility Models", Poster Presentation at Institute of Mathematics and Its Applications Workshop, University of Minnesota, Minneapolis, MN, April 24, 2018.

[128]   J.-M. Kim and H. Jung, "Predicting Bid Prices by Using Machine Learning", Oral Presentation at the 16th Annual International Industrial Organization Conference, Indianapolis, IN, April 21, 2018.

[127]   J.-M. Kim and H. Jung, "Time Series Forecasting using Functional Partial Least Square Regression with Stochastic Volatility, GARCH and Exponential Smoothing ", Poster Presentation at Institute of Mathematics and Its Applications Workshop, University of Minnesota, Minneapolis, MN, February 22, 2018.

[126]   J.-M. Kim, "Copula Directional Dependence", Invited Seminar, Business School, Zhengzhou University, Zhengzhou, Henan, China, January 17, 2018.

[125]   J.-M. Kim, "Copula Directional Dependence", Invited Seminar, Department of Economics, Henan University, Kaifeng, Henan, China, January 16, 2018.

[124]   The 2018 American Economic Association (AEA) Annual Meeting, Philadelphia, Pennsylvania, January 5-7, 2018.

[123]   J.-M. Kim, " Copula Directional Dependence", Invited Seminar, Department of Statistics, Cheongju University, Cheongju, South Korea, December 19, 2017.

[122]   J.-M. Kim, "Copula Directional Dependence", Invited Seminar, Department of Statistics, Kangwon National University, Gangwon-do, South Korea, November 21, 2017.

[121]   J.-M. Kim, J.W. Baik and M. Reller, "Change Point Analysis for Variance and Statistical Process Control Chart by Copula Condition Distributions, Invited Session at Fall Conference, Korean Data And Information Science Society, Kyungpook National University, Daegu, South Korea, November 17, 2017.

[120]   J.-M. Kim, "Recent Trend of Quality Control and Application of Statistics," Plenary Speech at the 16th Korea-China Symposium on Quality 2017, Pyeongchang County, Gangwon Province, South Korea, July 17, 2017.

[119]   J.-M. Kim, "Copula Directional Dependence", Invited Seminar, Department of Statistics, Sookmyung Women's University, Seoul, South Korea, July 10, 2017.

[118]   J.-M. Kim, "Copula Directional Dependence", Invited Seminar, Department of Statistics, Pukyong National University, Busan, South Korea, June 27, 2017.

[117]   J.-M. Kim, "Recent Trend of Statistics and Application of Statistics," Invited Seminar, Department of Statistics, Cheongju University, Cheongju, South Korea, June 25, 2017.

[116]   J.-M. Kim L. Xia and I.-S. Kim, "Hollywood Movie Analysis by Machine Learning", Oral Presentation at Big Data Tech 2017, Minneanalytics, Normandale Community College, Minneapolis, Minnesota, June 07, 2017.

[115]   J. W. Baik, J-.M. Kim and D. Kim, "Sensor Data Analysis", Oral Presentation at 2017 The Korean Reliability Society, Spring Conference, Jeju, Jeju-do, South Korea. May 25, 2017. (Oral Presentation by Jaiwook Baik)

[114]   I. D. Ha and J-.M. Kim, "Profile Likelihood Approach for Semi-parametric Copula Models for Clustered Survival Data", Oral Presentation at 2017 Korean Data and Information Science Society, Spring Conference, Yeungnam University, Gyeongsan, Gyeongsang-Namdo, South Korea. May 12, 2017. (Oral Presentation by Il Do Ha)

[113]   C.-K. Son, Y. Kim and J-.M. Kim "A Study of Regression Estimation by Adaptive Cluster Sampling", Oral Presentation at 2017 The Korean Data Analysis Society, Spring Conference, Chonnam National University, Gwangju, South Korea. April 21, 2017. (Oral Presentation by Chang-Kyoon Son)

[112]   J.-M. Kim, "Directional dependence by Copula and Statistical Process Control Chart by Copula Conditional Distribution", Invited Seminar, Department of Mathematics & Statistics, Old Dominion University, Norfolk, Virginia, USA, March 30, 2017.

[111]   J.-M. Kim and H. Jung, "Conditional dependence structure among oil prices, exchange rates, and interest rates", Oral Presentation at The 3rd Conference on Management & Sustainability in Asia, Fukuoka, March 26, 2017. (Oral Presentation by Hojin Jung)

[110]   J.-M. Kim, J.W. Baik and M. Reller, "Statistical Process Control Chart by Copula Condition Distribution, Contributed Session at 13th Workshop on Stochastic Models, Statistics and Their Applications, Humboldt-Universität zu Berlin, Berlin, Germany, February 22, 2017.

[109]   J-.M. Kim, "Mixture of D-vine Copula Approach for Modeling Dependence", Invited Seminar at Rostock University, Rostock, Germany, February 16, 2017.

[108]   J.-M. Kim, J.W. Baik and M. Reller, "Using Control Data Analytics Statistical Process Control Chart for ERA and Batting Average in Major League Baseball to investigate outlying seasons", Oral Presentation at SportCon-Sports Analytics Conference, Minneanalytics, University of St. Thomas-Downtown, Minneapolis, Minnesota, January 10, 2017.

[107]   J.-M. Kim and H. Jung, "The Study of Tail Dependence and Conditional Leverage Effects", Poster Presentation at The 2017 American Economic Association (AEA) Annual Meeting , Chicago, Illinois, January 5-8, 2017.

[106]   J.-M. Kim and H. Jung, "Nonlinear Dependence by Using Functional Data Analysis and Copula Models", Poster Presentation at The 2017 American Economic Association (AEA) Annual Meeting , Chicago, Illinois, January 5-8, 2017.

[105]   J.-M. Kim and J.W. Baik, "Control Chart for the Conditional Multivariate Data using Copula Functions", Contributed Session on the Second Pacific Rim Statistical Conference for Production Engineering, Seoul National University, Seoul, South Korea, December 15, 2016.

[114]   J.-M. Kim, "Directional Dependence via Copula Stochastic Volatility Model", Topic Invited Section on Compounding and Copulas: Generalized and Extended Distributions, 2th International Conference on Statistical Distributions and Applications, Niagara Falls, Western Ontario, Canada, October 16, 2016.

[113] ASQ 60th Fall Technical Conference, Minneapolis, MN, U.S.A. October 6-7, 2016.

[112]   Leixin Xia and J.-M. Kim, "Hollywood Movie Analysis by Machine Learning," Poster Presentation at Second Annual Fall Research Conference, American Statistical Association Twin Cities Chapter, Metronic, Mounds View, MN, U.S.A. October 3, 2016. (Presentation by Leixin Xia)

[111]   J.-M. Kim, "Big Data Analysis by using Copula," Invited Seminar, Department of Statistics, Korea National Open University, Seoul, South Korea, July 22, 2016.

[110]   J-.M. Kim, "Mixture of D-vine Copula Approach for Modeling Dependence" Chung-Ang University RCDS (The Research Center for Data Science) 2016: The 6th International Conference, Recent Developments in Statistical Science and Its Applications, Seoul, South Korea, July 01, 2016.

[109]   J.-M. Kim, "Big Data Analysis by using Copula," Invited Seminar, Department of Statistics, Cheongju University, Cheongju, South Korea, May 25, 2016.

[108]   J.-M. Kim , Discussant of Nonparametric Identification and Estimation of Productivity Distributions and Trade Costs, Session ID 29: Productivity, The 14th Annual International Industrial Organization Conference, Drexel University, Philadelphia, PA, April 16, 2016.

[107]   2016 ENAR Fostering Diversity in Biostatistics Workshop, Austin, Texas, March 6, 2016.

[106]   The 2016 American Economic Association (AEA) Annual Meeting , San Francisco, California, January 3-5, 2016.

[105]   G. S. Lee, K. H. Hong, J.-M. Kim and C.K. Son, "Estimation of Sensitive Attribute Using Stratified Kuk's Randomization Device" Poster Presentation at ASIAN Network for Public Opinion Research (ANPOR), Bangkok, Thailand,. November 27, 2015.

[104]   J.-M. Kim, "Copula Causality to Bioinformatics and Finance," Invited Seminar, Department of Statistics, Sookmyung Women's University, Seoul, South Korea, November 24, 2015.

[103]   First Annual Fall Research Conference, American Statistical Association Twin Cities Chapter, Mayo Clinic, Rochester, MN, U.S.A. October 30, 2015.

[102]   J.-M. Kim, "Copula Causality to Bioinformatics and Finance," Thursday Afternoon Faculty Seminars, University of Minnesota at Morris, Minnesota, USA. October 01, 2015. Video Clip.

[101]   H. Ju and J.-M. Kim, "Copula Modeling for Developing a Biomarker Panel for Prediction of Dengue Hemorrhagic Fever," Contributed Section on Applied Risk Prediction, Joint Statistical Meeting 2015, Seattle, Washington, USA August 12, 2015. (Oral Presentation by Hyunsu Ju)

[100]   Y. Tang and J.-M. Kim, "A Comparison of periodic Autoregressive and Dynamic Linear Models for Weather Data," Contributed Oral Poster Presentation Session on Statistics and the Environment, Joint Statistical Meeting 2015, Seattle, Washington, USA August 11, 2015. (Presentation by Yingyu Tang)

[99]   Y. S. Jung, J.-M. Kim and E. A. Sungur, "Application on Truncation Invariant Copulas for Modeling Directional Dependence on Foreign Currency Exchange Data," Contributed Oral Poster Presentation Session on Statistics in Defense and national Security, Joint Statistical Meeting 2015, Seattle, Washington, USA August 10, 2015. (Presentation by Yoonsung Jung)

[98]   J.-M. Kim, "Copula Causality to Bioinformatics and Finance," Invited Seminar, Department of Applied Statistics, Dongguk University, Gyeongju, GyeongBukdo, South Korea. July 10, 2015.

[97]   J-.M. Kim, and L. Qin " Applying a Stochastic Volatility Model to US Stock Markets with a UMM Undergraduate Student " Poster Presentation at ENAR 2015 (International Biometric Society), Miami, Florida, U.S.A. March 15, 2015.

[96]   J-.M. Kim, A. H. AL-Marshadi and J. Lim " Functional Principal Component Analysis to Fifty-Eight Most Traded Currencies Based on Euro" Poster Presentation at ENAR 2015 (International Biometric Society), Miami, Florida, U.S.A. March 15, 2015.

[95]   J.-M. Kim, "Copula Causality to Bioinformatics and Finance," Invited Seminar, Department of Mathematics, Texas A&M University-Kingsville, Texas, U.S.A., November 24, 2014.

[94]   J.-M. Kim, "Copula Causality to Bioinformatics and Finance," Invited Seminar, Department of Statistical Science, Baylor University, Waco, Texas, U.S.A., November 20, 2014.

[93]   D. Kim, J-.M. Kim, S. M. Liao and Y. Jung "Mixture of D-vine Copula Approach for Modeling Dependence" Poster Presentation at ENAR 2014 (International Biometric Society), Baltimore, MD, U.S.A. March 16, 2014.

[92]   J.-M. Kim, "Copula Causality to Bioinformatics and Finance," Invited Seminar, Department of Statistics, Chungbuk National University, Cheongju, South Korea, July 10, 2013.

[91]   J.-M. Kim, "Copula Causality to Bioinformatics and Finance," Invited Seminar, Department of Statistics, Cheongju University, Cheongju, South Korea, June 26, 2013.

[90]   J.-M. Kim, D. Kim and S. Y. Hwang, "Causality Analysis of Oil and Stock Market by Asymmetric Copula Garch Models," Oral Presentation at the 33rd International Symposium on Forecasting, KAIST College of Business, Seoul, South Korea, June 24, 2013.

[89]   J.-M. Kim, "Copula Causality to Bioinformatics and Finance," Invited Seminar, Department of Mathematics, Texas State University, San Marcos, Texas, U.S.A., Feb. 25, 2013.

[88]   J.-M. Kim, "Copula Causality to Bioinformatics and Finance," Invited Seminar, Department of Mathematics and Statistics, Georgia Southern University, Statesboro, Georgia, U.S.A., Feb. 08, 2013.

[87]   J. J. Song and J.-M. Kim, "Bayesian Analysis of Randomized Response Models," Contributed Section on Survey Research Methods, Joint Statistical Meeting 2012, San Diego, California, USA July 30, 2012. (Oral Presentation by Joon Jin Song)

[86]   J.-M. Kim, " Bayesian Analysis of Randomized Response Sum Score Variables," Invited Seminar, Department of Statistics, Sookmyung Women's University, Seoul, South Korea, July 18, 2012.

[85]   J.-M. Kim, " Partial correlation using Gaussian Copula," Invited Seminar, Department of Statistics, Chungbuk National University, Chongju, South Korea, July 4, 2012.

[84]   S. Singh, S. A. Sedory and J.-M. Kim, "An Empirical Likelihood Estimate of the Finite Population Correlation Coefficient", Oral Presentation at the 20 Annual Meeting of the South Texas Mathematics Consortium, Department of Mathematics and Statistics, Texas A&M University-Corpus Christi, Corpus Christi, Texas, March 24, 2012. (Oral Presentation by Stephen A. Sedory)

[83]   J.-M. Kim, "Partial Correlation with Copula Modeling", Invited Talk, Department of Statistics, Daejeon University, Daejeon, South Korea. July 13, 2011.

[82]   C.-K. Son, K.-H. Hong, G. S. Lee, and J-.M. Kim, " Calibration for Two-Phase Randomized Response Estimator ", Invited Seminar at Summer Workshop of Korean Survey Statistics Society, Pyeongchang, Kangwon- Do, South Korea. June 24, 2011. (Oral Presentation by Chang-Kyoon Son)

[81]   J.-M. Kim, Y.-S. Jung, T. Choi and E.A. Sungur, "Partial Correlation with Copula Modeling", Poster Presentation at the 2011 Korean Statistical Society International Conference on Statistics and Probability, Busan, South Korea, July 1 -2, 2011.

[80]   J.-M. Kim, Y.-S. Jung, T. Choi and E.A. Sungur, "Partial Correlation with Copula Modeling", Poster Presentation at 16th Biennial Research Symposium of the Association of 1890 Research Directors, Inc. (ARD), Atlanta, GA, USA, April 9 -13, 2011.

[79]   J-.M. Kim, "Recent Survey Statistical Methods and Statistics Education", Invited Seminar at Statistics Korea, Daejeon, South Korea, July 27, 2010.

[78]   J-.M. Kim and J. J. Song, "Bayesian Analysis of Randomized Response Sum Score Variables", Invited Session Oral Presentation at International Conference on Statistics and Society, Beijing, China, July 12, 2010.

[77]   N. Lee and J.-M. Kim, "Combining Kernel Conversion of Categorical Variables into Numerical Variables via Bayesian Network Classifiers for Binary Classifications", Poster Presentation at 2010 KSS (Korean Statistical Society) Spring Conference, Statistics Center of Statistics Korea, Daejeon, South Korea, May 21, 2010. [Received Best Poster Presentation Paper Award from KSS]

[76]   J.-M. Kim, " Partial correlation using Gaussian Copula," Invited Seminar, Department of Statistics, Oklahoma State University, Stillwater, Oklahoma, U.S.A., April 16, 2010.

[75]   One-day Workshop on Objective Bayesian for Spatial and Temporal Models, 2009-2010 Program on Space-time Analysis for Environmental Mapping, Epidemiology and Climate Change by Statistical and Applied Mathematical Science Institute, San Antonio, Texas, U.S.A., March 20-21, 2010.

[74]   J. J. Song and J-.M. Kim, "Bayesian Analysis of Randomized Response Sum Score Variables", Poster Presentation at Frontier of Statistical Decision Making and Bayesian Analysis In Honor of James O. Berger Conference, San Antonio, Texas, U.S.A., March 18, 2010.

[73]   J.-M. Kim, " Partial correlation using Gaussian Copula," Invited Seminar, Department of Mathematics, Texas A&M University-Kingsville, Texas, U.S.A., March 17, 2010.

[72]   J.-M. Kim, " Partial correlation using Gaussian Copula," Invited Seminar, Biostatistics Program, Louisiana State University-Health Center, New Orleans, Louisiana, March 15, 2010.

[71]   J.-M. Kim and C.S. Lim, " The causal analysis of how much the Korean adolescent boys and girls their spare time usage have an influence on their social relationship by using Generalized estimating equations method.", the fifth Korean Education and Employment Panel Conference, Seoul National University, Seoul, South Korea, February 19, 2010. (Oral Presentation by Chan-Soo Lim)

[70]   J.-M. Kim, " Partial correlation using Gaussian Copula," Invited Seminar, Department of Statistics, Korea National Open University, Seoul, South Korea, December 10, 2009.

[69]   J.-M. Kim, " Introduction to Copula and Its Application to Panel Data," Invited Seminar, Winter Workshop of
Korean Survey Statistics Society, Sookmyung Women's University, Seoul, South Korea, December 4, 2009.

[68]   J.-.M. Kim, "How to build your career in Statistics?, Invited Talk, Department of Statistics, Daejeon University, Daejeon, South Korea. November 27, 2009.

[67]   J.-M. Kim, " Partial correlation using Gaussian Copula," Invited Seminar, Department of Statistics, University of Seoul, Seoul, South Korea, November 13, 2009.

[66]   J.-M. Kim, Y. Je, and J.-S. Kim, "Generalized Estimating Equations models for analyzing the relationship between the reading habit and the endeavor-tenacity of the adolescent boys and girls", The Third Korean Education Longitudinal Study Conference, Seoul National University, Seoul, South Korea, October 27, 2009.

[65]   J.-M. Kim, "A Copula Method for Modeling Directional Dependence of Genes," Invited Seminar, Department of Statistics, Sookmyung Women's University, Seoul, South Korea, October 16, 2009.

[64]   J.-M. Kim, C.-K. Son, and J. Shin, "A panel logit model analysis of the causal analysis of the poverty of low income disabled people", The Second Korea Welfare Panel Study Conference, Seoul National University, Seoul, South Korea, September 25, 2009.

[63]   J.-M. Kim, Y. Jung, and T. Soderberg, "Directional Dependence of Genes using Survival Truncated FGM Type Modification Copulas", Special Topic Contributed Paper Meeting on Copula Functions, ISI 2009 (International Statistical Institute), Durban, South Africa, August 16-22, 2009.

[62]   J.-M. Kim, "Copula Method for Modeling Directional Dependence," Invited Seminar, Honam-Jeju Chapter Statistician Meeting of Korean Statistics Society, Chonnam National University, Korea. July 9, 2009.

[61]   J.-.M. Kim , J. J. Song , and L. Lu, "Bayesian Analysis of Randomized Response Sum Score Variables", the 1st IMS-APRM (Asia Pacific Rim Meetings), Topic Contributed Session, Seoul, South Korea. July 1, 2009.

[60]   J.-M. Kim and J. Kim, "Classification Tree based on Randomized Response Techniques", the 1st IMS-APRM (Asia Pacific Rim Meetings), Topic Contributed Session, Seoul, South Korea. June 30, 2009.

[59]   E. A. Sungur, Y. Jung and J-.M. Kim, "Copulas with Directional Dependence Property: Application to Foreign

Exchange Currency Data", EBES 2009 Conference (Eurasia Business and Economics Society), Istanbul, Turkey, June 1-2, 2009. (Oral Presentation by Engin A Sungur)

[58]   R. Ding, J-.M. Kim, and D. Kwon, "Molecular Classification of Cancer: Class Discovery and Class Prediction by Gene Prediction by Gene Expression using JAVA Visualization", Poster Presentation at ENAR 2009 (International Biometric Society), San Antonio, TEXAS, U.S.A. March 15, 2009.

[57]   J.-M. Kim, "A Copula Method for Modeling Directional Dependence of Genes," Invited Seminar, Mathematics Department, University of St. Thomas, St. Paul, MN, USA. November 14, 2008.

[56]   J.-.M. Kim, Y. Jung and T. Soderberg, "Directional Dependence of Genes using Trivariate and Truncated FGM Survival Copulas," UKC2008 (US-Korea Conference), San Diego, California, U.S.A. August 15, 2008.

[55]   Grewal, I. S. J-.M. Kim and S. Sarjinder, "Imputing And Jackknifing Scrambled Responses," Poster Presentation at Joint Statistical Meeting 2008, Denver, Colorado, August 4, 2008.

[54]   J.-M. Kim, "A Copula Method for Modeling Directional Dependence of Genes," Invited Seminar, Statistics Department, Inha University, Incheon, South Korea. July 29, 2008.

[53]   C.-K. Son, K.-H. Hong, G. S. Lee, and J-.M. Kim, " Calibration for Two-Phase Randomized Response Estimator ", 2008 KSS (Korean Statistical Society) Spring Conference, Chonnam National University, Gwangju, South Korea. May 23, 2008. (Oral Presentation by C.-K. Son)

[52]   Y. Jung, J-.M. Kim, and , E. A. Sungur, " Dependence of Truncation Invariant FGM Copula Functions: Application to Foreign Exchange Currency Data," ENAR 2008 (International Biometric Society), Arlington, Virginia, U.S.A. March 19, 2008. (Oral Presentation by Yoonsung Jung)

[51]   Summer Workshop of the Korean Survey Statistics Society, Jincheon, ChungchungBukDo, South Korea. July 6-7, 2007.

[50]   The Korea Association for Survey Research Workshop on Statistical Data Analysis for Panel Data, Press Center at Seoul, South Korea, July 5, 2007.

[49]   H. An, T.-Y. Heo, and J-.M. Kim, "Bayesian inference for group testing with application to California HIV data," IMST2007-FIMXV:Fifteenth International Conference of Forum for Interdisciplinary Mathematics on Interdisciplinary Mathematical and Statistical Techniques, Shanghai, China, May 20-23, 2007. (Oral Presentation by Hyonggin An)

[48]   J-.M. Kim, E. A. Sungur, and Y. Jung, "Application of Spatial Copula," Poster Presentation at 32th Spring Leture Series, University of Akansas, Spatial and Spatio-Temporal Statistics, University of Arkansas, Fayetteville, AR, U.S.A. April 12-14, 2007.

[47]   E. A. Sungur, Y. Jung, and , J-.M. Kim, "A Copula Model for Spatial Process with Air Pollution Application," ENAR 2007 (International Biometric Society), Atlanta, GA, U.S.A. March 14, 2007. (Oral Presentation by Yoonsung Jung)

[46]   J.- M. Kim, C-.K. Son and J. Byun, "Calibrated Spatial Stratified Estimator in Spatial Population," ENAR 2007 (International Biometric Society), Atlanta, GA, U.S.A. March 13, 2007.

[45]   J-.M. Kim, E. A. Sungur, and Y. Jung, "New Directional Dependence using Copula Function," Poster Presentation at 9th Annual Winter Workshop on Environmental and Environmental Health Statistics, University of Florida, Gainesville, FL. January 12-13, 2007.

[44]   J-.M. Kim, "A modified estimator of population mean using power transformation," Invited Seminar, Department of Statistics, Dongguk University, Seoul, South Korea. December 7, 2006.

[43]   J.-M. Kim, " Quantile Estimation in Successive Sampling," Invited talk at Fall Meeting of The Korean Association of Survey Research, Seoul, South Korea, December 1, 2006.

[42]   J-.M. Kim, "New Approaches to Copula Function", Invited Seminar, Division of Applied Mathematics, KAIST, Deajeon, South Korea. November 29, 2006.

[41]   J-.M. Kim, "How to build your career in Statistics?, Invited Talk, Statistics Department, Hanshin University, Byeongjeom, South Korea. November 10, 2006.

[40]   J-.M. Kim and Kim, J., "Classification Tree based on Randomized Response Techniques", Invited Seminar, Statistics Department, Yonsei University, Seoul, South Korea. November 9, 2006.

[39]   J.-S. Byun, C.-K. Son, and J-.M. Kim, "Calibration for Spatial Stratified Sampling Design", 2006 KSS (Korean Statistical Society) Fall Conference, Korea University, Seoul, South Korea. November 4, 2006. (Oral Presentation by Jong Suk Byun)

[38]   J-.M. Kim, "New Approaches to Copula Function", Invited Seminar, Mathematics Department, Myoungji University, Yongin, South Korea. October 23, 2006.

[37]   J-.M. Kim, "New Approaches to Copula Function ", Invited Seminar, Statistics Department, Sungkyunkwan University, Seoul, South Korea. October 20, 2006.

[36]   J-.M. Kim and Y. Jung, "New Directional Dependence using Copula Functions", Poster Presentation, Global Convention of Ethnic Korean Scientists and Engineers 2006, The Korean Federation of Science and Technology Societies, July 19, 2006.

[35]   E. A. Sungur, B.S. Winchester, J.E. Anderson ,and J-M. Kim, "A Way of Integrating Civic Learning into Statistics Courses: Media Reports," Invited presentation at ICOTS-7 (7th International Conference on Teaching Statistics), Salvador, Brazil, July 2-7, 2006. (Oral Presentation by Engin A. Sungur)

[34]   J-M. Kim, H.P. Singh, R. Tailor, and S. Singh, "A modified estimator of population mean using power transformation," Invited talk at Summer Workshop of Korean Survey Statistics Society, South Korea. June 30, 2006.

[33]   J.-M. Kim, T.-Y. Heo, and H. An, "Bayesian Approach to Group Testing," Invited talk at Spring Meeting of The Korean Association of Survey Research, Seoul, South Korea, June 16, 2006.

[32]   S. Singh and J-M. Kim, "Imputing and Jackknifing Approach to Indirect Quantitative Survey Model," 2006 KSS (Korean Statistical Society) Spring Conference, Kyungbook National University, Daegoo, South Korea. May 26-27, 2006.

[31]   S-.S. Chae, C.S. Kim, J-.M. Kim, and W. D. Warde, "Cluster Analysis using Different Correlation Coefficients,"
The 2006 Meeting of the Classification Society of North America, Piscataway, New Jersey, U.S.A., May 10-13, 2006.

[30]   DIMACS Workshop on Clustering Problems in Biological Networks, Piscataway, New Jersey, U.S.A., May 9-11, 2006.

[29]   J-.M. Kim and T.-Y. Heo, "Multinomial Group Testing Model with Small-Sized Pools and Application to California HIV Data: Bayesian and Bootstrap Approaches," ENAR 2006 (International Biometric Society), Tampa, FL, U.S.A. March 26-29, 2006.

[28]   Y. Jung, J-.M. Kim and E. A. Sungur, "New Approach to Directional Dependence using Copula Function," ENAR 2006 (International Biometric Society), Tampa, FL, U.S.A. March 26-29, 2006. (Oral Presentation by Yoonsung Jung)

[27]   J-.M. Kim, S-.S. Chae, and W. D. Warde, "Clustering with Mixed-type Attributes,"Joint Statistical Meeting 2005, Minneapolis, MN, U.S.A., August 7-13, 2005.

[26]   Engin A. Sungur, Salih Çelebioglu, Jong-Min Kim , Symmetry and complement functions of a copula Ordered Statistical Data: Approximations, Bounds and Characterizations 15 -18 June 2005, Izmir University of Economics Balçova, Princess Hotel, Turkey. (Oral Presentation by Salih Çelebioglu)

[25]   The Second International SRCCS Statistics Workshop, Seoul National University, Seoul, South Korea, June 15-16, 2005

[24]   J-.M. Kim, "Dependence Structure in Multivariate Copulas", Invited Seminar, Mathematics Department, Chung-Ang University, Seoul, South Korea. June 3, 2005.

[23]   J-.M. Kim, "Truncation Invariant Dependence Structure in Multivariate Copulas", Invited Seminar, Statistics Department, Korea University, Seoul, South Korea. May 30, 2005.

[22]   J-.M. Kim, "Truncation Invariant Dependence Structure in Multivariate Copulas", Invited Seminar, Chungchung Statistician Meeting, Mokwon University, Daejeon, South Korea. May 27, 2005.

[21]   J-.M. Kim, "How to build your career in Statistics?, Invited Talk, Cheongju University, Cheongju, South Korea. May 23, 2005.

[20]   J-.M. Kim and T.- Y. Heo, "A Bayesian Analysis of the Multinomial Randomized Response Model using Dirichlet Prior Distribution", 2005 KSS (Korean Statistical Society) Spring Conference, Hannam University, Daejeon, South Korea. May 20-21, 2005.

[19]   J-.M. Kim, E. A. Sungur and J. E. Anderson, " Truncation Invariant Dependence Structure of Multivariate Copulas," ISI 2005 (International Statistical Institute), SYDNEY, AUSTRALIA, April 5-12, 2005.

[18]   J-.M. Kim and J. E. Anderson, " Jackknife Variance Estimation of the Regression and Calibration Estimator for Two 2-Phase Samples," ENAR 2005 (International Biometric Society), Austin, TX, U.S.A. March 20-23, 2005.

[17]   2005 SRCCS Workshop on Internet Measurement, Modeling, and Analysis, Seoul National University, Seoul, South Korea, January 9-12, 2005

[16]   The fifth international conference for the Critical Assessment of Microarray Data Analysis (CAMDA 2004), Durham, North Carolina, November 10-12, 2004

[15]   J-.M. Kim and J. E. Anderson, " Jackknife Variance Estimation for Two Samples after Imputation under Two-Phase Sampling," Joint Statistical Meeting 2004, Toronto, Canada, August 8-12, 2004.

[14]   IBC Workshops of 22th INTERNATIONAL BIOMETRICS CONFERENCE (CAIRNS AUSTRALIA, July 11-16, 2004)

[13]   J.-M. Kim, "Extensions of Mangat's RRD," Invited talk at Summer Workshop of Korean Survey Statistics Society, South Korea. June 24-25, 2004.

[12]   J.-M. Kim, "Copulas and its application," Invited seminar, University of Suwon, South Korea. June 15, 2004.

[11]   J.-M. Kim, "Randomized response models," Invited seminar, Daejeon University, South Korea. June 11, 2004.

[10]   J.-M. Kim, "Copulas and its application," Invited seminar, Daejeon University, South Korea. June 4, 2004.

[9]   J.-M. Kim and E.A. Sungur, "New class of bivariate copulas," 2004 KSS (Korean Statistical Society) Spring Conference, Chonbuk National University, Jeonjoo, South Korea. May 14-15, 2004.

[8]   J.-M. Kim, J.M. Tebbs and S-W. An, "Extensions of Mangat's (1994) randomized response model," ENAR 2004 (International Biometric Society), Pittsburgh, PA, U.S.A. March 28-31, 2004.

[7]   Workshop for Junior Researchers of ENAR 2004 (International Biometric Society), Pittsburgh, PA, U.S.A. March 27, 2004.

[6]   J.-.M. Kim and M. E. Elam, "Comparison and Analysis of Stratified Randomized Response Models, "Joint Statistical Meeting 2003, San Francisco, CA, U.S.A., August 3-7, 2003.

[5]   J.-.M. Kim, " About a survey method on sensitive matters in human life, Statistics Club Meeting Seminar, University of Minnesota at Morris, U.S.A., March 24, 2003.

[4]   J.-.M. Kim and W. D. Warde, "A New Multinomial Distribution Approach to Quantitative Randomized Response Technique, "Joint Statistical Meeting 2002, New York City, New York, U.S.A., August 12-15, 2002.

[3]   J.-.M. Kim "A New Randomized Response Model rectifying the Privacy Problem of a Moors' Model," 13th Annual Research Symposium, Graduate College, Oklahoma State University, Stillwater, Oklahoma, U.S.A., March 6-8, 2002.

[2]   J.-.M. Kim, "New Approaches to Randomized Response Technique," Seminar, Statistics Discipline, University of Minnesota at Morris, Minnesota, U.S.A., Feb. 19, 2002.

[1]   J.-.M. Kim, "New Approaches to Randomized Response Technique," Seminar, Department of Statistics, Oklahoma State University, Stillwater, Oklahoma, U.S.A., Nov. 29, 2001.

Grants Received

Within the University:

[50]   Faculty Research Enhancement Fund, UNIVERSITY OF MINNESOTA-MORRIS, May, 2024. ($1200.00)

[49]   Faculty Research Enhancement Fund, UNIVERSITY OF MINNESOTA-MORRIS, April, 2023. ($1200.00)

[48]   Louis Stokes Alliance for Minority Participation (LSAMP)-North Star STEM Alliance Summer Research Internship Program at UMM, UNIVERSITY OF MINNESOTA-MORRIS, May, 2021. ($1000.00)

[47]   Faculty Research Enhancement Fund, UNIVERSITY OF MINNESOTA-MORRIS, November, 2019. ($1200.00)

[46]   Faculty Research Enhancement Fund, UNIVERSITY OF MINNESOTA-MORRIS, September, 2019. ($400.00)

[45]   Faculty Research Enhancement Fund, UNIVERSITY OF MINNESOTA-MORRIS, October, 2018. ($400.00)

[44]   Faculty Research Enhancement Fund, UNIVERSITY OF MINNESOTA-MORRIS, October, 2018. ($1200.00)

[43]   Faculty Research Enhancement Fund, UNIVERSITY OF MINNESOTA-MORRIS, May, 2018. ($400.00)

[42]   Faculty Research Enhancement Fund, UNIVERSITY OF MINNESOTA-MORRIS, April, 2018. ($400.00)

[41]   Faculty Research Enhancement Fund, UNIVERSITY OF MINNESOTA-MORRIS, November, 2017. ($1200.00)

[40]   Educational Development Program (EDP) Grant, UNIVERSITY OF MINNESOTA-MORRIS, June 07, 2017. ($2276.00)

[39]   International Travel Grant from the Global Programs and Strategy Alliance, University of Minnesota, for 13th Workshop on Stochastic Models, Statistics and Their Applications, Humboldt-Universität zu Berlin, Berlin, Germany, February 20-February 24, 2017. ($1500.00)

[38] Faculty Research Enhancement Fund, UNIVERSITY OF MINNESOTA-MORRIS, February, 2017. ($1200.00)

[37] Faculty Research Enhancement Fund, UNIVERSITY OF MINNESOTA-MORRIS, December, 2016. ($1200.00)

[36] Faculty Research Enhancement Fund, UNIVERSITY OF MINNESOTA-MORRIS, October, 2016. ($400.00)

[35] Faculty Research Enhancement Fund, UNIVERSITY OF MINNESOTA-MORRIS, April, 2016. ($400.00)

[34] Faculty Research Enhancement Fund, UNIVERSITY OF MINNESOTA-MORRIS, January, 2016. ($400.00)

[33] Faculty Research Enhancement Fund, UNIVERSITY OF MINNESOTA-MORRIS, November, 2015. ($1200.00)

[32] Faculty Research Enhancement Fund, UNIVERSITY OF MINNESOTA-MORRIS, March, 2015. ($400.00)

[31] Faculty Research Enhancement Fund, UNIVERSITY OF MINNESOTA-MORRIS, December, 2014. ($1000.00)

[30] Faculty Research Enhancement Fund, UNIVERSITY OF MINNESOTA-MORRIS, March, 2014. ($400.00)

[29] Faculty Research Enhancement Fund, UNIVERSITY OF MINNESOTA-MORRIS, December, 2013. ($1200.00)

[28] International Travel Grant from the Global Programs and Strategy Alliance, University of Minnesota, for The 33rd International Symposium on Forecasting, KAIST College of Business, Seoul, South Korea, June 23-June 26, 2013. ($1500.00)

[27] Faculty Research Enhancement Fund, UNIVERSITY OF MINNESOTA-MORRIS, September, 2012. ($1000.00)

[26] Faculty Research Enhancement Fund, UNIVERSITY OF MINNESOTA-MORRIS, May, 2012. ($1000.00)

[25] Faculty Research Enhancement Fund, UNIVERSITY OF MINNESOTA-MORRIS, May, 2011. ($300.00)

[24] Faculty Research Enhancement Fund, UNIVERSITY OF MINNESOTA-MORRIS, September, 2010. ($1000.00)

[23] Faculty Research Enhancement Fund, UNIVERSITY OF MINNESOTA-MORRIS, May, 2010. ($300.00)

[22] Educational Development Program (EDP) Grant, UNIVERSITY OF MINNESOTA-MORRIS, April 30, 2010. ($1000.00)

[21] Faculty Research Enhancement Fund, UNIVERSITY OF MINNESOTA-MORRIS, January, 2010. ($750.00)

[20] Travel Grant of OIP (Office of International Programs) for the 57th Session of the International Statistical Institute (ISI), Durban, South Africa, University of Minnesota, August, 2009. ($1500.00)

[19] UMM Out-of-State Travel (OST) subsidy to attend the 57th Session of the International Statistical Institute (ISI), Durban, South Africa, August 16-22, 2009. ($700.00)

[18] Faculty Research Enhancement Fund, UNIVERSITY OF MINNESOTA-MORRIS, January, 2009. ($250.00)

[17] UMM Out-of-State Travel (OST) subsidy to attend KSEA 2008 (Korean-American Scientists and Engineers Association) Conference, San Diego, CA, U.S.A. August 14-17, 2008. ($700.00)

[16] Faculty Research Enhancement Fund, UNIVERSITY OF MINNESOTA-MORRIS, May, 2008. ($750.00)

[15]   UMM Bush Grant on "Innovative Teaching & Technology Strategies: Engaging Students by Teaching to Multiple Learning Styles", April, 2008. ($500.00)

[14]   UMM Out-of-State Travel (OST) subsidy to attend ENAR 2008 (International Biometric Society), Arlington, Virginia, U.S.A. March 16-19, 2008. ($700.00)

[13]   Faculty Research Enhancement Fund, UNIVERSITY OF MINNESOTA-MORRIS, January, 2008. ($250.00)

[12]   Faculty Research Enhancement Fund, UNIVERSITY OF MINNESOTA-MORRIS, May, 2007. ($1500.00)

[11]   UMM Out-of-State Travel (OST) subsidy to attend ENAR 2007 (International Biometric Society), Atlanta, GA, U.S.A. March 11-14, 2007. ($700.00)

[10]   Faculty Research Enhancement Fund, UNIVERSITY OF MINNESOTA-MORRIS, February, 2007. ($250.00)

[9]   Travel Supplements from the Faculty Center for Learning and Teaching, UNIVERSITY OF MINNESOTA-MORRIS, January, 2007. ($100.00)

[8]   Faculty Research Enhancement Fund, UNIVERSITY OF MINNESOTA-MORRIS, June, 2006.

[7]   UMM Out-of-State Travel (OST) subsidy to attend ENAR 2006 (International Biometric Society), Tampa, FL, U.S.A. March 26-29, 2006.

[6]   UMM Out-of-State Travel (OST) subsidy to attend the Joint Statistical Meeting 2004 at Toronto, Canada, August 8-12, 2004.

[5]   Travel Grant of OIP (Office of International Programs) for the Joint Statistical Meeting 2004 at Toronto, University of Minnesota, April, 2004.

[4]   Faculty Enrichment Program (FEP) Grant, University of Minnesota-Morris, May, 2003.

[3]   UMM Out-of-State Travel (OST) subsidy to attend the Joint Statistical Meeting 2003 at San Francisco, CA, August 3-7, 2003.

[2]   UMM Out-of-State Travel (OST) subsidy to attend the Joint Statistical Meeting 2002 at New York City, NY, August 12-15, 2002.

[1]   Start-up package fund from the program of New Generation of the Professorate, University of Minnesota. August, 2002.

Outside the University:

[1]   NIH Travel Grant, 2016 ENAR Spring Meeting (Diversity in Biostatistics Workshop), Austin, Texas, March, 2016. ($750.00)

[2]   NIH Travel Grant, 2015 ENAR Spring Meeting (Diversity in Biostatistics Workshop), Miami, Florida, March, 2015. ($800.00)

[3]   Travel Support from the Conference Travel Award Committee, Frontier of Statistical Decision Making and Bayesian Analysis In Honor of James O. Berger Conference, San Antonio, Texas, U.S.A., March 17-20, 2010. ($500.00)

[4]   American Statistical Association (ASA), Travel Grant, the 57th Session of the International Statistical Institute (ISI), Durban, South Africa, August 16-22, 2009. ($1000.00)

[5]   Travel Support from Korean-American Scientists and Engineers Association to attend KSEA 2008 (Korean-American Scientists and Engineers Association) Conference, San Diego, CA, U.S.A. August 14-17, 2008. ($300.00)

[6]   Travel Fund Support from the 32th Spring Lecture Series, University of Arkansas, Spatial and Spatio-Temporal Statistics, University of Arkansas, Fayetteville, AR, U.S.A. April 12-14, 2007. ($677.10)

[7]   Travel Fund Support from 9th Annual Winter Workshop on Environmental and Environmental Health Statistics, University of Florida, Gainesville, FL, U.S.A. January 12-13, 2007. ($300.00)

[8]   Global Convention of Ethnic Korean Scientists and Engineers (GCSE) Travel Grant from The Korean Federation of Science and Technology Societies, July 19, 2006. ($1000.00)

[9]   American Statistical Association (ASA), Travel Grant, The 55th Session of the International Statistical Institute (ISI), SYDNEY, AUSTRALIA, April 5-12, 2005. ($2000.00)

[10]   NIH, International Travel Grant, INTERNATIONAL BIOMETRICS CONFERENCE (IBC), CAIRNS AUSTRALIA, July 11-16, 2004. ($800.00)

[11]   NIH, Travel Grant, 2004 ENAR Young Investigators Meeting, Pittsburgh, Pennsylvania, 2004. ($300.00)

Ph.D. Dissertation Committee and Examiner:

Beom Jun Kim, "A Study of Mutual Information and Redundancy for Categorical Data", Sungkyunkwan University, Korea, December 2006.

Samridhi Mehta, "Stochastic Scrambling of Sensitive Data using Randomized Response Models", University of Delhi, India, March 2013.

Muhammad Azeem, "On Estimation of Population Mean in the Presence of Measurement Error and Non- Response", National College of Business Administration & Business, Pakistan, December 2013.

Parmdeep Kaur, "Some Contributions to Efficient Estimation of Population Parameters using Auxiliary Information", Guru Nanak Dev University, Punjab, India, February 2014.
Manish Kumar, "On the Improvement of Estimation Procedures in Sample Surveys, Indian Institute of Technology (Indian School of Mines) Dhanbad, India, January 2016.

Mirza Naveed Shahzad, "Extreme Value Frequency Analysis by TL-Moments and Transmuted Distributions", Quaid-i-Azam University, Pakistan, February 2016.

Anup Kumar Sharma, "Some Alternative Estimation Procedures in Sample Surveys", Indian Institute of Technology (Indian School of Mines) Dhanbad, India, August 2016.

Lakhkar Khan, "Ranked Set Sampling and its Applications in Survey Sampling", Quaid-i-Azam University, Pakistan, September 2016.

Mukti Khetan, "Some Estimation Techniques in Presence of Nonresponse in Sample Surveys", Indian Institute of Technology (Indian School of Mines) Dhanbad, India, October 2016.

Alok Kumar Singh, "Some Efficient Estimation Techniques in Successive Sampling", Indian Institute of Technology (Indian School of Mines) Dhanbad, India, January 2017.

Chinmoy Paul, "Estimation Procedures for Regression and Time Series Models using Neural Network", Indian Institute of Technology (Indian School of Mines) Dhanbad, India, July 2017.

Tabasam Sultana, "Statistical Analysis of the Lifetime Mixture Models under Bayesian Approach", Quaid-i-Azam University, Pakistan, October 2017.

Venkata Ramana B, "Evaluation of network Reliability using Optimal ROBDD", Indian Institute of Technology (Indian School of Mines) Dhanbad, India, October 2017.

Sundus Hussain, "Construction of HYPER GLaSS Design", Islamia College, Peshawar, Pakistan, November 2017. Hassan Zeb, "A modified approach for dealing with non-response in the estimation of population mean", Islamia College, Peshawar, Pakistan, November 2017.

Salma Riaz, "Monitoring the Performance of Schwart and Memory Control Charts by using Bayesian Techniques", Quaid-i-Azam University, Pakistan, January 2018.

Said Ali Shah, "MULTILEVEL MODELS TO ANALYZE LONGITUDINAL DATA STRUCTURES UNDER VARYING CONDITIONS", Islamia College, Peshawar, Pakistan, April 2018.

Sabz Ali, "DETERMINATION OF SAMPLE SIZE AND COMPARISON OF ESTIMATION METHODS IN MULTILEVEL MODELS", Islamia College, Peshawar, Pakistan, May 2018.

Sayed Mohammed Zeeshan, "Some Efficient Estimation Procedures for Population Mean in Sample Surveys", Indian Institute of Technology (Indian School of Mines) Dhanbad, India, November 2018.

Erum Zahid, "Measurement Error and its Application in Survey Sampling", Quaid-i-Azam University, Pakistan, April 2019.

Ghulam Nargis, "Modified Approaches for Randomized Response Models in Survey Sampling", Quaid-i-Azam University, Pakistan, August 2019.

Shakeel Ahmed, "Model-Based Estimation of Population Parameters with Applications", Quaid-i-Azam University, Pakistan, February 2020.

Ananya Chatterjee, "SOME METHODS OF USING AUXILIARY INFORMATION FOR ESTIMATION OF POPULATION PARAMETERS IN SAMPLE SURVEYS", Indian Institute of Technology (Indian School of Mines) Dhanbad, India, June 2020.

Shameem Alam, "Calibration Estimation in Survey Sampling", Quaid-i-Azam University, Pakistan, August 2020. Fastel Chipepa, "New and Generalized Families of Lifetime Distributions with Applications", Botswana International University of Science and Technology, Botswana, August 26, 2020. (Virtual Zoom PhD Committee Meeting).

Akbar Ali Khan, "Quantifying Diversity and Skewness through some new Efficient Measures: Comparison, Properties and Applications.", Quaid-i-Azam University, Islamabad, Pakistan, October 2020.

Afshan Riaz, "Memory-type Control Charts with Measurement Error: Development and Evaluation", COMSATS University Islamabad, Islamabad – Pakistan, December 2020.

Muhammad Aslam, "Properties, Estimations and Applications of new Families of Continuous Distribution", Quaid-i-Azam University, Islamabad, Pakistan, February 2021.

Tanveer Akhlaq, "Variance Estimation in Two Phase Sampling in Presence of Non Response", COMSATS University Islamabad, Islamabad – Pakistan, April 2021.

Bhagyashree Chaudhuri, "RELEASE TIME ANALYSIS OF SOFTWARE USING PARAMETRIC AND DATA-DRIVEN APPROACHES IN STOCHASTIC ENVIRONMENT", Indian Institute of Technology (Indian School of Mines), Dhanbad, INDIA, April 2021.

Yasir Hassan, "On Multivariate Exponential Estimators in Two Phase Sampling", COMSATS University Islamabad, Islamabad – Pakistan, June 2021.

Surria Noor, "Memory Type Control Charts based on Bayesian Theory: Development and Evaluation", COMSATS University Islamabad, Islamabad – Pakistan, January 2022.

Muhammad Farooq, "Generating a New Family of Distributions", COMSATS University Islamabad, Islamabad – Pakistan, June 2022.

Ayesha Sultan, "Estimation of Fuzzy Regression Model for Multi-Criteria Decision- Making in the Framework of Different Extensions of Fuzzy Set", COMSATS University Islamabad, Islamabad – Pakistan, August 2022.
Aneel Ahmed, "Measuring the Performance of Dispersion in Survey Sampling", Quaid-i-Azam University, Islamabad, Pakistan, October 2022.

Azeem Iqbal, "E-Bayesian Estimation of some Lifetime distributions and Hierarchical Models", Quaid-i-Azam University, Islamabad, Pakistan, December 2022.

Himanshu Tolani, "Assessment of Event Dynamics Through Bayesian Models", Delhi University, New Delhi, India, February 2023.

Faiza Asif, "Risk Adjusted Control Charts: Development and Application in Healthcare", COMSATS University Islamabad, Islamabad – Pakistan, June 2023.

Maria, "New Stratified Ranked Set Sampling Schemes for Estimation of Population Mean and Median", COMSATS University Islamabad, Islamabad – Pakistan, October 2023.

Kanwal Iqbal, "Sample Size and Interval Estimation in Survey by Using Generalized Mixture Estimators Under Simple and Stratified Random Sampling", University of Management and Technology, Lahore, Pakistan, March 2024.

Syed Abdul Rehman, "Advances in Ranked Set Sampling and its Practicality under Non-Response and Imputation", Quaid-i-Azam University, Islamabad, Pakistan, May 2024.

Farah Rasheed, "Application of Generalized Fuzzy Theory in Survey Sampling", Quaid-i-Azam University, Islamabad, Pakistan, July 2024.

Sonal Sahu, "Quantitative Insights into Cryptocurrency Markets: Portfolio Optimization, Risk Management, and Volatility Patterns", Tecnológico de Monterrey, Mexico, November 2024.

Ulises Cadena, "Measuring Financial Inclusion: Comparing Traditional versus Machine Learning Methods", Tecnológico de Monterrey, Mexico, December 2024.

UMM Service:

2023   Fall– Present. UMM Level II committee to review promotion and tenure applicants.
2022   Fall –Present. UMM Statistics Discipline Coordinator.
2005- Present   Co-Advisor of AISES (American Indian Science and Engineering Society).
2019   F. – 2020 Sp. UMM Statistics Discipline Coordinator.
2016   F. – 2017 F.   UMM Statistics Discipline Coordinator.
2014   F. – 2017 S. UMM Finance Committee.
2016   Fall   UMM Faculty Course Release Committee
2016   Sp.-2018 Sp. UMM Faculty Distinguished Research Award Committee
2012   F. – 2014 F. UMM Statistics Discipline Coordinator.
2007- 2012   UMM STEP NSF Program Committee.
2012   - 2013   UMM Level II Promotion & Tenure Committee
2010- 2011   Professor Member of Activity Fee Review Committee
2008- 2012   Post Tenure Committee, Division of Science and Mathematics, UMM.
2018   Chair of Kaufmann committee.
2011- 2017   Chair of Kaufmann-McCree committee.
2010   F. – 2011 S. UMM Statistics Discipline Coordinator.
2008- 2009   Chair of Faculty Development Committee.
2009   Spring   Fall Faculty Retreat Committee.
2008   F. -2009 Sp. Statistics Discipline Coordinator.
2006- 2008   Faculty Development Committee.

2005- Present   Statistics Discipline TA Coordinator.
2006- 2007   Chair of Kaufmann-McCree committee.
2004- 2009   Kaufmann-McCree committee.
2004- 2006   Scholastic Committee.
2005   One Statistics Nontenure-Track Position Search Committee.
2005- 2006   Statistics Discipline Coordinator.
2003   Two Mathematics Tenure-Track Positions Search Committee.

OSU Service:

2000-2001   President, Korean Student Association at Oklahoma State University