

Profile Image

**PROF. MADYA DR.
NURUL SIMA BINTI
MOHAMAD SHARIFF**

PENSYARAH UNIVERSITI DS14

CONTACT

Phone: 8768

E-mail:

nurulsima@usim.edu.my

Faculty: Fakulti Sains
Dan Teknologi

SUPERVISION

PhD - Completed: 1, Ongoing: 0

Master - Completed: 4,
Ongoing: 0

AREAS OF EXPERTISE

Statistical Inferences

Statistical Computing

Statistical Econometrics

ACADEMIC QUALIFICATION

PhD in Statistik (2012)

Master in Sains (Statistik) (2007)

Bachelor in Sains Aktuari (2003)

RESEARCH

1. PREPARING FOR TOMORROW: A FUNDAMENTAL ANALYSIS OF RETIREMENT SAVING PRACTICES AMONG GEN Y AND GEN Z IN MALAYSIA

2024 GERAN KPT ON GOING CO-RESEARCHER

2. DEVELOPING A RETIREMENT SAVINGS DECISION MODEL USING PATH ANALYSIS AMONG B40 GROUPS TOWARDS ACHIEVING SUSTAINABLE RETIREMENT.

2020 GERAN KPT COMPLETED MAIN RESEARCHER

3. FORMULATION OF HOUSEHOLD DIET QUALITY AND FOOD COSTS TRADE-OFF MODEL TO MEASURE FOOD INSECURITY RISKS.

2019 GERAN KPT COMPLETED CO-RESEARCHER

4. HOUSEHOLD INCOME PREDICTION MODEL DUE TO FLUCTUATION FUEL PRICE IN MALAYSIA

2018 GERAN PENYELIDIKAN USIM COMPLETED CO-RESEARCHER

5. BEHAVIORAL DECISION MAKING FOR RETIREMENT SAVINGS

2018 GERAN PENYELIDIKAN USIM COMPLETED MAIN RESEARCHER

RESEARCH

6. THE MULTI-OBJECTIVE DECISION MAKING (MODM) MODEL OF ISLAMIC BANKING FOR FINANCIAL RESOURCES ALLOCATION

2017 GERAN PENYELIDIKAN USIM COMPLETED CO-RESEARCHER

7. KAJIAN PRESTASI KERJA AHLI AKADEMIK USIM DALAM HUBUNGAN DENGAN PULANGAN PELABURAN UNIVERSITI

2016 GERAN PENYELIDIKAN AGENSI KERAJAAN COMPLETED CO-RESEARCHER

8. A PROPOSED MODEL TO IMPROVE PUBLIC PARTICIPATION TOWARDS RENEWABLE ENERGY DEVELOPMENT USING AN ANALYSIS OF ACCEPTANCE LEVEL

2015 GERAN KPT COMPLETED CO-RESEARCHER

9. A PROPOSED MODEL OF DOMESTIC ELECTRICITY TARIFF TO IMPROVE CURRENT TARIFF STRUCTURE USING AN ANALYSIS OF ACCEPTANCE LEVEL

2015 GERAN KPT COMPLETED CO-RESEARCHER

10. A ROBUST RIDGE REGRESSION FOR MULTICOLLINEARITY PROBLEM IN THE PRESENCE OF OUTLIERS IN THE DATA.

2014 GERAN KPT COMPLETED MAIN RESEARCHER

11. IMPLICATIONS OF USING UNBIASED GENDER PREMIUM RATES: COMPARATIVE STUDY BETWEEN CONVENTIONAL AND TAKAFUL PRODUCTS

2012 GERAN KPT COMPLETED CO-RESEARCHER

12. PORTFOLIO OPTIMIZATION MODEL OF SHARIAH-COMPLIANT INVESTMENT STRATEGIES.

2012 GERAN KPT COMPLETED CO-RESEARCHER

PUBLICATION

1. ANALYZING THE INFLUENTIAL FACTORS ON RETIREMENT SAVINGS BEHAVIOR WITHIN THE B40 GROUPS IN MALAYSIA THROUGH STATISTICAL ANALYSES

SIMPOSIUM KEBANGSAAN SAINS MATEMATIK (SKSM30)

2024 PROCEEDING SCOPUS CORRESPONDING AUTHOR

2. A CONCEPTUAL FRAMEWORK OF THE RETIREMENT SAVINGS DECISIONS AMONG THE B40 GROUPS IN MALAYSIA

SIMPOSIUM KEBANGSAAN SAINS MATEMATIK SKSM29

2024 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

3. PROCEEDING OF THE 29TH NATIONAL SYMPOSIUM ON MATHEMATICAL SCIENCES (SKSM29): THEORY AND APPLICATIONS OF MATHEMATICAL SCIENCES

SIMPOSIUM KEBANGSAAN SAINS MATEMATIK (SKSM29)

2024 PROCEEDING NON-INDEX CHIEF EDITOR

4. FACTORS ASSOCIATED WITH ANXIETY AND ITS SELF-CARE MEASURES AMONG NURSING STUDENTS DURING THE COVID-19 PANDEMIC

MALAYSIAN JOURNAL OF MEDICINE AND HEALTH SCIENCES

2023 JOURNAL SCOPUS CO-AUTHOR

5. AN EMPIRICAL ANALYSIS OF THE IMPACT OF MONEY ATTITUDES ON RETIREMENT SAVINGS BEHAVIOUR IN MALAYSIA

ASM SCIENCE JOURNAL

2023 JOURNAL SCOPUS CORRESPONDING AUTHOR

6. THE IMPACT OF COVID-19 OUTBREAKS ON THE VOLATILITY OF THE STOCK MARKET IN MALAYSIA

MALAYSIAN JOURNAL OF COMPUTING

2023 JOURNAL MYCITE CORRESPONDING AUTHOR

7. CONSUMERS? BUYING BEHAVIOR TOWARDS ONLINE SHOPPING DURING THE COVID-19 PANDEMIC: AN EMPIRICAL STUDY IN MALAYSIA

MALAYSIAN JOURNAL OF SCIENCE, HEALTH & TECHNOLOGY

2021 JOURNAL OTHER DATABASE MAIN AUTHOR / CONTACT PERSON IN USIM

8. STOCK MARKET ANOMALIES: A CASE OF CALENDAR EFFECTS ON THE MALAYSIAN STOCK MARKET

MALAYSIAN JOURNAL OF COMPUTING

2021 JOURNAL MYCITE MAIN AUTHOR / CONTACT PERSON IN USIM

9. STATISTICAL ANALYSES ON FACTORS AFFECTING RETIREMENT SAVINGS DECISION IN MALAYSIA

MATHEMATICS AND STATISTICS

2021 JOURNAL SCOPUS MAIN AUTHOR / CONTACT PERSON IN USIM

10. DETERMINANTS OF EMPLOYEE JOB SATISFACTION IN MALAYSIA

ASIAN JOURNAL OF RESEARCH IN BUSINESS AND MANAGEMENT

2021 JOURNAL MYJURNAL CORRESPONDING AUTHOR

11. THE RELATIONSHIP BETWEEN FINANCIAL LITERACY, FINANCIAL MANAGEMENT, RETIREMENT SAVINGS PLANNING AND RETIREMENT CONFIDENCE IN MALAYSIA

APPLIED SCIENCE AND TECHNOLOGY INFORMATION SECURITY AND ASSURANCE, FINANCIAL MATHEMATICS, ACTUARIAL SCIENCE AND RISK MANAGEMENT

2021 CHAPTER IN BOOK CO-AUTHOR

12. STATISTICAL ANALYSES ON THE IMPACT OF DEMOGRAPHIC FACTORS ON FERTILITY RATE IN MALAYSIA

IOSR JOURNAL OF MATHEMATICS (IOSR-JM)

2020 JOURNAL OTHER DATABASE MAIN AUTHOR

13. AN EMPIRICAL STUDY ON THE DETERMINANTS OF RETIREMENT SAVINGS ATTITUDE IN MALAYSIA

2ND INTERNATIONAL CONFERENCE ON APPLIED & INDUSTRIAL MATHEMATICS AND STATISTICS 2019

2019 PROCEEDING NON-INDEX MAIN AUTHOR

PUBLICATION

14. AN APPLICATION OF PROPOSED RIDGE REGRESSION METHODS TO REAL DATA PROBLEM

INTERNATIONAL JOURNAL OF ENGINEERING & TECHNOLOGY

2018 JOURNAL SCOPUS MAIN AUTHOR

15. A COMPARISON OF OLS AND RIDGE REGRESSION METHODS IN THE PRESENCE OF MULTICOLLINEARITY PROBLEM IN THE DATA

INTERNATIONAL JOURNAL OF ENGINEERING & TECHNOLOGY

2018 JOURNAL SCOPUS MAIN AUTHOR

16. A SIMULATION STUDY FOR INVESTIGATING MULTICOLLINEARITY PROBLEM IN THE PRESENCE OF OUTLIERS IN THE DATA

ADVANCED SCIENCE LETTERS

2017 JOURNAL SCOPUS MAIN AUTHOR

17. A ROBUST RIDGE REGRESSION APPROACH IN THE PRESENCE OF BOTH MULTICOLLINEARITY AND OUTLIERS IN THE DATA

AIP CONFERENCE PROCEEDINGS

2017 JOURNAL SCOPUS MAIN AUTHOR

18. AN APPLICATION OF ROBUST RIDGE REGRESSION MODEL IN THE PRESENCE OF OUTLIERS TO REAL DATA PROBLEM

JOURNAL OF PHYSICS : CONFERENCE SERIES

2017 JOURNAL SCOPUS MAIN AUTHOR

19. CURRENCY CRISES AND PURCHASING POWER PARITY IN THE ASIAN COUNTRIES: EVIDENCE BASED ON SECOND GENERATION PANEL UNIT ROOT TESTS

MALAYSIAN JOURNAL OF ECONOMIC STUDIES

2017 JOURNAL SCOPUS CO-AUTHOR

20. THE PERSISTENCE IN REAL INTEREST RATES: DOES IT SOLVE THE INTERTEMPORAL CONSUMPTION BEHAVIOR PUZZLE?

JOURNAL OF INTERNATIONAL FINANCIAL MARKETS, INSTITUTIONS & MONEY

2017 JOURNAL SCOPUS CO-AUTHOR

21. AN APPLICATION OF ROBUST RIDGE REGRESSION MODEL IN THE PRESENCE OF OUTLIERS TO REAL DATA PROBLEM

1ST INTERNATIONAL CONFERENCE ON APPLIED & INDUSTRIAL MATHEMATICS AND STATISTICS 2017 (ICOAIMS 2017)

2017 PROCEEDING NON-INDEX MAIN AUTHOR

22. INTEGRATION OF NAQLI AND AQLI KNOWLEDGE : AN APPLICATION TO ACTUARIAL SCIENCE, RISK MANAGEMENT & FINANCIAL MATHEMATICS CURRICULUM

2017 BOOK EDITOR

23. STATISTICS CONCEPTS FROM ISLAMIC PERSPECTIVE

INTEGRATION OF NAQLI AND AQLI KNOWLEDGE: AN APPLICATION TO ACTUARIAL SCIENCE, RISK MANAGEMENT AND FINANCIAL MATHEMATICS CURRICULUM

2017 CHAPTER IN BOOK MAIN AUTHOR

24. THE VOLATILITY OF STOCK MARKET INDEX RETURN : A COMPARATIVES STUDY BETWEEN ISLAMIC AND CONVENTIONAL STOCK MARKET INDICES

INTEGRATION OF NAQLI AND AQLI KNOWLEDGE : AN APPLICATION TO ACTUARIAL SCIENCE, RISK MANAGEMENT & FINANCIAL MATHEMATICS CURRICULUM

2017 CHAPTER IN BOOK CO-AUTHOR

25. PERSISTENCE OF REAL EXCHANGE RATES IN THE CENTRAL AND EASTERN EUROPEAN COUNTRIES

JOURNAL OF BUSINESS ECONOMICS AND MANAGEMENT

2016 JOURNAL WOS CO-AUTHOR

26. SOLUTION TO THE MULTICOLLINEARITY PROBLEM BY ADDING SOME CONSTANT TO THE DIAGONAL

JOURNAL OF MODERN APPLIED STATISTICAL METHODS

2016 JOURNAL ERA CO-AUTHOR

PUBLICATION

27. A ROBUST RIDGE REGRESSION APPROACH IN THE PRESENCE OF BOTH MULTICOLLINEARITY AND OUTLIERS IN THE DATA

24TH NATIONAL SYMPOSIUM ON MATHEMATICAL SCIENCES

2016 PROCEEDING NON-INDEX MAIN AUTHOR

28. A ROBUST RIDGE REGRESSION FOR MULTICOLLINEARITY PROBLEM IN THE PRESENCE OF OUTLIERS IN THE DATA

PROCEEDING OF POSTGRADUATE SEMINAR ON SCIENCE AND TECHNOLOGY

2016 PROCEEDING NON-INDEX CO-AUTHOR

29. A ROBUST UNIT ROOT TEST IN THE PRESENCE OF CROSS SECTIONAL DEPENDENCE

JOURNAL OF MODERN APPLIED STATISTICAL METHODS

2015 JOURNAL ERA MAIN AUTHOR

30. OUTLIER DETECTION IN TIME SERIES MODEL

THE 2ND INTERNATIONAL CONFERENCE ON COMPUTING, MATHEMATICS AND STATISTICS

2015 PROCEEDING NON-INDEX MAIN AUTHOR

31. IDENTIFICATION OF OUTLIERS IN TIME SERIES DATA

POSTGRADUATE COLLOQUIUM 2015

2015 PROCEEDING NON-INDEX CO-AUTHOR

32. OUTLIER DETECTION IN TIME SERIES MODEL

QUEST FOR RESEARCH EXCELLENCE ON COMPUTING, MATHEMATICS AND STATISTICS

2015 CHAPTER IN BOOK MAIN AUTHOR

33. ROBUST ESTIMATION PROCEDURE IN PANEL DATA MODEL.

AIP CONFERENCE PROCEEDINGS

2014 JOURNAL WOS MAIN AUTHOR

34. SOLUTION TO THE MULTICOLLINEARITY PROBLEM BY ADDING SOME CONSTANT TO THE DIAGONAL

POSTGRADUATE COLLOQUIUM 2014, FACULTY OF SCIENCE AND TECHNOLOGY

2014 PROCEEDING NON-INDEX CO-AUTHOR

35. A COMPARISON BETWEEN ORDINARILY LEAST SQUARE (OLS) AND ROBUST REGRESSION AND ITS APPLICATION ON MACROECONOMIC VARIABLES

POSTGRADUATE COLLOQUIUM 2014, FACULTY OF SCIENCE AND TECHNOLOGY

2014 PROCEEDING NON-INDEX CO-AUTHOR

36. EFFECTS OF EDUCATIONAL INDICATORS ON STUDENTS PERFORMANCE IN THE SULTANATE OF OMAN.

2ND INTERNATIONAL CONFERENCE ON BUSINESS INNOVATION, ECONOMICS, LAWS, SOCIAL SCIENCE AND HUMANITIES.

2014 PROCEEDING NON-INDEX CO-AUTHOR

37. SIMULATION STUDY TO VERIFY APPROPRIATE KVALUE FOR RIDGE REGRESSION IN THREE VARIABLE REGRESSION MODEL

THE 3RD INTERNATIONAL CONFERENCE ON COMPUTER ENGINEERING AND MATHEMATICAL SCIENCES

2014 PROCEEDING NON-INDEX CO-AUTHOR

38. A ROBUST PANEL UNIT ROOT IN THE PRESENCE OF CROSS SECTIONAL DEPENDENCE

INTERNATIONAL CONFERENCE ON COMPUTING, MATHEMATICS AND STATISTICS 2013

2013 PROCEEDING NON-INDEX MAIN AUTHOR

39. ROBUST ESTIMATION PROCEDURE IN PANEL DATA MODEL

THE 3RD INTERNATIONAL CONFERENCE ON MATHEMATICAL SCIENCES

2013 PROCEEDING NON-INDEX MAIN AUTHOR

PUBLICATION

40. THE VOLATILITY OF STOCK MARKET INDEX RETURN: A COMPARATIVE STUDY BETWEEN ISLAMIC AND CONVENTIONAL STOCK MARKET INDICES

ISLAMIC BANKING, ACCOUNTING AND FINANCE CONFERENCE

2012

PROCEEDING

NON-INDEX

CO-AUTHOR

41. ROBUST CROSS SECTIONAL DEPENDENCE TEST IN PANEL REGRESSION MODEL

INTERNATIONAL CONFERENCE ON ROBUST STATISTICS

2009

PROCEEDING

NON-INDEX

MAIN AUTHOR

42. BAB II SISTEM EKONOMI MEMUPUK KEIMANAN DAN KETAQWAAN KEPADA ALLAH

ISLAM HADAHRI-ISLAM HADHARI DAN KEHIDUPAN

2006

CHAPTER IN BOOK

MAIN AUTHOR

CONSULTATION

1. GERAN KPT-PACE : CERTIFICATE COURSE IN DATA SCIENCE USING PYTHON & R

KEMENTERIAN PENGAJIAN TINGGI

2022

NATIONAL

2. PANEL PENILAI BAGI PROGRAM DEEMED ACCREDITED BAGI PROGRAM DIPLOMA IN STATISTICS

PEJABAT NAIB CANSEOLR , UITM SHAH SLALM

2018

NATIONAL

3. PANEL PENILAI BAGI PROGRAM DEEMED ACCREDITED BACHELOR OF SCIENCE (HONS) STATISTICS (CS221/241)

INSTITUT KUALITI & PENGEMBANGAN ILMU (INQKA) UNIVERSITI TEKNOLOGI MARA (UITM)

2018

NATIONAL

AWARDS/RECOGNITION

1. KNOW YOUR RISK: BINGO!

SCEINCE AND TECHNOLOGY RESEARCH EXPO (SCITEX)

2024 UNIVERSITY GOLD

2. RETIREMENT PLANNING CALCULATOR ENHANCEMENT WITH WITHDRAWAL FEATURES: PREPARING FOR UNCERTAINTY OF FUTURE RISK

INNOVATION BANK CHALLENGE 2023 (IBC2023)

2023 UNIVERSITY SILVER

3. PRE-RETIREMENT WITHDRAWALS: WILL IT AFFECT MUCH?

SCIENCE AND TECHNOLOGY RESERACH EXPO (SCITEX@20TH FST)

2023 UNIVERSITY GOLD

4. ANUGERAH PERKHIDMATAN CEMERLANG 2021

2022 UNIVERSITY

5. STAF CONTOH BULAN FST SEPTEMBER 2022

2022 UNIVERSITY

6. ANUGERAH PERKHIDMATAN SETIA

2019 UNIVERSITY

7. FST RISING STAR

2019 OTHERS