



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

PENSYARAH UNIVERSITI DS14

CONTACT

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Address: Fakulti Sains Dan
Teknologi

SUPERVISION

PhD - Completed: 1, Ongoing: 0

Master - Completed: 4, Ongoing: 0

AREAS OF EXPERTISE

Statistical Inferences

Statistical Computing

Statistical Econometrics

BIOGRAPHY

A lecturer from Fakulti Sains Dan Teknologi. Holds a Phd in Statistik.

ACADEMIC QUALIFICATION

Phd in Statistik (2012)

Master in Sains (Statistik) (2007)

Bachelor in Sains Aktuari (2003)

RESEARCH

1. FORMULATION OF A MEDICAL INFLATION MODEL: IMPACT OF ECONOMIC VOLATILITY ON HEALTHCARE EXPENDITURE IN MALAYSIA

2025 ON GOING MAIN RESEARCHER

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

2020 COMPLETED MAIN RESEARCHER

3. BEHAVIORAL DECISION MAKING FOR RETIREMENT SAVINGS

2018 COMPLETED MAIN RESEARCHER

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

2014 COMPLETED MAIN RESEARCHER

PUBLICATION

1. EMPIRICAL ANALYSES OF THE RETIREMENT SAVINGS DECISION DETERMINANTS OF B40 GROUPS IN MALAYSIA.

2024 JOURNAL

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

2020 JOURNAL

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

2019 PROCEEDING

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

2018 JOURNAL

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

2018 JOURNAL

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

2017 JOURNAL

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

2017 JOURNAL

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

2017 JOURNAL

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

2017 PROCEEDING

10. STATISTICS CONCEPTS FROM ISLAMIC PERSPECTIVE

2017 CHAPTER IN BOOK

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

2016 PROCEEDING

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

2015 JOURNAL

13. OUTLIER DETECTION IN TIME SERIES MODEL

2015 PROCEEDING

14. OUTLIER DETECTION IN TIME SERIES MODEL

2015 CHAPTER IN BOOK

15. ROBUST ESTIMATION PROCEDURE IN PANEL DATA MODEL.

2014 JOURNAL

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

2013 PROCEEDING

17. ROBUST ESTIMATION PROCEDURE IN PANEL DATA MODEL

2013 PROCEEDING

18. ROBUST CROSS SECTIONAL DEPENDENCE TEST IN PANEL REGRESSION MODEL

2009 PROCEEDING

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

2006 CHAPTER IN BOOK

CONSULTATION/ADULATION

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

2022 NATIONAL KEMENTERIAN PENGAJIAN TINGGI

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

2018 NATIONAL PEJABAT NAIB CANSEOLR , UITM SHAH SLALM

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

2018 NATIONAL INSTITUT KUALITI & PENGEMBANGAN ILMU (INQKA) UNIVERSITI TEKNOLOGI MARA (UITM)

AWARDS/RECOGNITION

1. ANUGERAH PROSIDING BERINDEX

2025 OTHERS

2. E-NILAI TOP 100 A242

2025 UNIVERSITY

3. BEST ARTICLE - EDITOR'S CHOICE ARTICLE

2025 INTERNATIONAL

4. GOLD AWARD

2025 INTERNATIONAL

5. PENYELIA TERBILANG

2025 OTHERS