

IS299 - Materials & Methods in Islamic Studies II

Institute of Islamic Studies, UP Diliman

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1 Introduction



House Rules

1. Open Camera for Online Class (if possible);
3. Everyone is encouraged to share their thoughts and contribute to the discussions;
3. Treat our discussions like a brainstorming;
4. No right or wrong answer, only alignment;
5. Be as curious as possible, and feel free to ask me anything about research anytime.

Your Instructor's Profile



www.al-asaad.com

<https://www.linkedin.com/in/al-ahmadgaid-asaad-68613a44/details/experience/>



Student's Introduction

Please introduce yourself by answering the following:

1. What is your name and how do you want to be called?
2. Where are you connected or what is your affiliation?
3. What is your undergraduate degree?
4. What made you choose MAIS?
5. What is your hobby?

Teaching Strategy



Touch base with class research papers on every topic we discuss to help align them.

2 Setting the Stage

What is the goal of doing a research?



Why are you doing your research?

What do you aim to achieve?

(Class Participation)

What is the goal of doing a research?



The ultimate objective of research is not merely to generate new knowledge, but *to provide meaningful value and rigorous insights that benefit the broader community*.

Reflect: What value does your research bring?



The size of the community who will benefit from this value determines the extent of the impact of your study.

(Class Participation)

Why value should be meaningful?



How can we make sure that it is meaningful?

(Class Participation)

How can we make sure that it is meaningful?



It should be of **best quality**. The quality that is worth publishing in a respectable journal.

Aim High!



Finish Thesis

Present Conference

Publish to Respectable Journal

3 Overview of the Coverage



Coverage

For our course, here are the items we will discuss:

1. Review of Chapter 1-2 write-up

- Introduction
 - Background
 - Objectives
 - Research Hypotheses
 - Significance of the Study
 - Scope of the Study
 - Thesis Organization
- Review of Related Literature
- Theoretical and Conceptual Framework
 - Theoretical Framework
 - Conceptual Framework

2. Crafting Research Methodology

- Quantitative
 - Sampling Design



Coverage (ii)

- ▶ Statistical Method
- Qualitative
- Theoretical
- Results and Discussions
- Conclusion
- Recommendations

3. Islamic Studies Journals & Research Papers

4. Statistical Analysis

- Quantitative Analysis
 - ▶ Sampling Design
 - Sample Size
 - Random Sampling
 - Non-Random Sampling
 - ▶ Survey Questionnaire
 - ▶ Statistical Tests and Models
 - Significance Tests (Parametric & Non-Parametric Tests)



Coverage (iii)

- Correlation
 - Classification Models
 - Regression Models
 - Time Series Models
 - Qualitative Analysis
 - Theoretical Analysis
5. Statistical Tool
- Julia Programming Language
 - ▶ Introduction to Programming
 - ▶ Statistical Libraries in Julia
6. How to effectively use Artificial Intelligence?
7. Other Document Typset for Publication
- LaTeX
 - Typst
8. Journal Publication
- How to submit



Coverage (iv)

- Journey of submission

Course Requirements



- 1.** Complete Chapter 1-3 of thesis
- 2.** Oral presentation of the said chapters
- 3.** Exam on usage of methods and tools
- 4.** Partial results (optional)

4 Class Research Discussions

Class Research Topic Discussions



Open Discussions/Brainstorming

Everyone is encouraged to contribute.

(Class Participation)