

**2023 APSA MENA Methods Program**  
**Quantitative Methods for the Social Sciences: Regression Analysis**

**Virtual Sessions:**

Tuesday November 14, 2023

Tuesday November 21, 2023

Tuesday November 28, 2023

Session	Date	Duration	Topic and Lecturer
Session 1	November 14	15 min	Welcome & Introduction
		1h 15 min	Introduction to Statistical Inference and Hypothesis Testing Ammar Shamaileh
Session 2	November 21	1h30min	Introduction to Regression Analysis Abdelkarim Amengay
Session 3	November 28	1h30min	Introduction to Difference-in-Differences Sarah Mansour

**READING LIST**

**For November 14<sup>th</sup>, 2023:**

1. Mahoney, James, and Gary Goertz. 2006. "A Tale of Two Cultures: Contrasting Quantitative and Quantitative Research." *Political Analysis*, vol. 14 (3), pp. 227-249.
2. Yang, Keming. 2010. *Making Sense of Statistical Methods in Methods in Social Research* (Chapter 2: The Use of Statistical Methods in Social Research." Sage Publications.

**For November 21<sup>st</sup>, 2023:**

3. De Mesquita, Ethan Bueno, and Anthony Fowler. 2021. *Thinking Clearly with Data: A Guide to Quantitative Reasoning and Analysis* (Chapter 2: Correlation: What Is It and What Is It Good For?). Princeton University Press.
4. De Mesquita, Ethan Bueno, and Anthony Fowler. 2021. *Thinking Clearly with Data: A Guide to Quantitative Reasoning and Analysis* (Chapter 6: Samples, Uncertainty, and Statistical Inference). Princeton University Press.

**For November 28<sup>th</sup>, 2023:**

5. Gelman, Andrew, and Jennifer Hill. 2020 [2007]. *Data Analysis Using Regression and Multilevel/Hierarchical Models* (Chapter 3: Linear Regression: The Basics).
6. Abu-Bader, Soleman. 2016. *Using Statistical Methods in Social Science Research with a Complete SPSS Guide* (chapter 12: Multiple Regression Analysis). Oxford University Press.

**For December 7<sup>th</sup>, 2023:**

7. De Mesquita, Ethan Bueno, and Anthony Fowler. 2021. *Thinking Clearly with Data: A Guide to Quantitative Reasoning and Analysis* (Chapter 13: Difference-in-Differences Designs). Princeton University Press.