

APSA MENA Workshops

Political Science in the Arab Middle East & North Africa



Quantitative Methods for the Social Sciences: Regression Analysis

December 7-9, 2023 – Doha, Qatar

Day	Date	Session	Topic and Lecturer
	Wednesday 6-December		Arrivals
Day 1	Thursday 7-December	8:30 am	Depart to Doha Institute
		9:00 am (1h45min)	Welcome: Introductions, Expectations
			Math Foundations (1): Probability, Statistical Inference, and Bivariate Analyses Ammar Shamaileh
		10:45-11:00 am	Break (15 min)
		11:00 am (1h30)	Hypothesis Testing Ammar Shamaileh
		12:30-1:30 pm	Lunch (1 hour)
		1:30 pm (1h20)	Statistical Programming Session # 1 (R Studio) Ammar Shamaileh, Sarah Mansour, and Abdelkarim Amengay
		2:50 – 3:00 pm	Break (10 min)
		3:00 pm (1h30)	Statistical Applications Ammar Shamaileh, Sarah Mansour, and Abdelkarim Amengay
		4:30 pm (30min)	Office Hours Ammar Shamaileh, Sarah Mansour, and Abdelkarim Amengay
Day 2	Friday 8-December	8:30 am	Depart to Doha Institute
		9:00 am (1h30min)	Math Foundations (2): Linear Regression Abdelkarim Amengay
		10:30-10:45 am	Break (15 min)
		10:45 am (1h30)	OLS and its Assumptions Abdelkarim Amengay
		12:15-1:15 pm	Lunch (1hour)
		1:15 pm (1h15)	Statistical Applications (1) Abdelkarim Amengay, Sarah Mansour, and Ammar Shamaileh
		2:30-2:40 pm	Break (10 min)
		2:40 pm (1h20)	Statistical Applications (2)

			Abdelkarim Amengay, Sarah Mansour, and Ammar Shamaileh
		4:00 pm (30min)	Office Hours Abdelkarim Amengay, Sarah Mansour, and Ammar Shamaileh
		7:30 pm	Off-Campus Dinner Hosted by DI (location TBD)
Day 3	Saturday 9-December	8:30 am	Depart to Doha Institute
		9:00 am (1h30min)	Math Foundations (3): Difference-in-Differences Sarah Mansour
		10:30-10:45 am	Break (15 min)
		10:45 am (1h30)	Causality and Difference-in-Differences Sarah Mansour
		12:15-1:15 pm	Lunch (1 hour)
		1:15 pm (1h15)	Statistical Applications (5) Abdelkarim Amengay, Sarah Mansour, and Ammar Shamaileh
		2:30-2:40 pm	Break (10 min)
		2:40 pm (35 min)	APSA and Networking
		3:15 pm (1h)	Q&A (full group) Abdelkarim Amengay, Sarah Mansour, and Ammar Shamaileh
		4:15 pm (15 min)	Closing Remarks & Certificates
		7:30 pm	Closing Dinner at Mondrian Hotel
	Sunday 10-December		Departures