



**The Clinical Research Institute (CRI)
at the American University of Beirut (AUB)**

“Statistics Made Easy”

Thursday Sept 28 & Friday Sept 29, 2023

Antoun Ghattas Karam e-classroom-Jaffet Library – AUB

Beirut, Lebanon

Workshop Information

Learning Objectives

By the end of the Statistics Made Easy Workshop, participants will be able to:

- 1- Recognize the importance of statistics in research process
- 2- Plan descriptive statistics: be able to organize, summarize, and display quantitative data
- 3- Interpret and report confidence intervals for different types of variables
- 4- Recognize hypothesis testing for different types of variables
- 5- Develop and conduct the above statistical analyses in SPSS

Target audience

This activity is designed for physicians in all specialties, faculty members, students and trainees, clinical research associates and coordinators, research assistants, fellows, principal investigators / sub-investigators and researchers working on SPSS.

Venue and Date

Thursday September 28 & Friday September 29, 2023 from 10:00 am to 2:30 pm Beirut Local Time.

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Registration Information

Registration fees	200 USD
Fees for participants from the following Lebanese medical institutions:	100 USD
Balamand University	
Beirut Arab University (BAU)	
Holy Spirit University of Kaslik (USEK)	
Lebanese American University (LAU)	
Lebanese University (LU)	
Saint George University of Beirut (SGUB)	
Université Saint-Joseph (USJ)	
Registrants with active AUB ID (students, trainees, and staff)	50 USD

Speaker

Hani Tamim, PhD
Professor
Faculty of Medicine, AUB
Director, Biostatistics Unit (BSU), CRI

College of Medicine, Alfaisal University
Riyadh, Saudi Arabia

About the Speaker

Dr. Hani Tamim is the Director of the Biostatistics Unit at the CRI and a tenured Professor at the Faculty of Medicine at AUB, and at the College of Medicine at Alfaisal University. He earned an MPH degree from Emory University (1995), and a Doctor of Philosophy degree in Epidemiology and Biostatistics from McGill University (2003).

Dr. Tamim has numerous publications in peer-reviewed medical journals. His professional expertise includes, but is not limited to, research methodology, data management, analysis and reporting.

Agenda

Day	Topic	Presenter	Format
Day 1: Thursday September 28, 2023			
10:00 am-11:00 am	Introduction	Dr. Hani Tamim	Presentation, discussion, practice examples, and Q&As
11:00 am-12:00 pm	Database Structure		
12:00 pm-12:30 pm	<i>Break</i>		
12:30 pm-2:30 pm	Data Cleaning, management, and descriptive statistics	Dr. Hani Tamim	Presentation, discussion, practice examples, and Q&As
Day 2: Friday September 29, 2023			
10:00 am-11:00 am	Inferential Statistics	Dr. Hani Tamim	Presentation, discussion, practice examples, and Q&As
11:00 am-12:00 pm	Different tests (t-test, chi-square, ANOVA, etc..)		
12:00 pm-12:30 pm	<i>Break</i>		
12:30 pm-2:30 pm	SPSS	Dr. Hani Tamim	Practice