



**AMERICAN  
UNIVERSITY  
OF BEIRUT**

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

**Statistics Made Easy**

March 14 & 15, 2024

Offered online via Zoom

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**

March 14&15, 2024 from 10:00 am to 2:30 pm.

Offered online via Zoom.

### **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
<b>Day 1: Thursday March 14, 2024</b>			
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
<b>Day 2: Friday March 15, 2024</b>			
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	Demo