Statistical learning workshop using R with application to Routine data

REGISTRATION DEADLINE: May 30, 2022

ORGANIZERS: Innocent Mboya (Kilimanjaro Christian Medical Centre, Tanzania), Jim Todd (London School of Hygiene & Tropical Medicine, UK), Jacqueline Materu (National Insitute for Medical Research, Tanzania), Neema Mosha (Mwanza Intervention Trials Unit, Tanzania), Philip Ayieko (London School of Hygiene & Tropical Medicine, UK), Sophia Kagoye (National Insitute for Medical Research, Tanzania), Wende Safari (University of A Coruña, Spain)

LEAD INSTRUCTOR: Leacky Muchene (Janssen Pharmaceutical Companies of J&J, Netherlands)

AIMS: In recent years, data analysis becomes more sophisticated due to the availability of powerful free tools such as R for analysis. The objective of this workshop is to provide practical skills in analysing routine data using R.

AUGUST 1-5, 2022-MWANZA

- INTRODUCTION TO R
  Leacky Muchene & Philip Ayieko

- FITTING GAUSSIAN MODELS & MONTE CARLO SIMULATION
  Jacqueline Materu & Neema Mosha

- FITTING GENERALIZED LINEAR MODEL & MACHINE LEARNING
  Sophia Kagoye & Innocent Mboya

- POISSON REGRESSION AND SURVIVAL ANALYSIS
  Jim Todd & Wende Safari

- INTRODUCTION TO RMARKDOWN & R SHINY
  Leacky Muchene

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Application link click here.

Website link click here or here

Selection: 40 trainees will be selected