



Beyond the Bite: Elucidating essential Epidemiological and Statistical concepts.

General9:00 – 9:20 amHistory of data and its use in health researchDr Frank9:20 – 9:50 amIntroduction to epidemiology for statisticsProf Sara9:50 – 10:10amTea break10:10 – 11am10:10 – 11amStudy designsProf Ymk11 – 12pmData types and variablesDr Frank12 – 1pmLunch breakDr Frank1 – 1:50pmCommon epidemiological measures/termsDr Frank2 – 3pmPrinciples of MeasurementDr Jennif3 – 3:30pmTea break3:30 – 5pm8:30 – 5pmPractical study design exerciseDr Frank9 – 9:45 amHypothesis testing & p-values/ Sampling, Sample size and PowerDr Jennif9:45 – 10amTea breakDr Frank10 – 11amCorrelation vs Association vs Causal RelationshipsDr Frank		
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10 – 11amCorrelation vs Association vs Causal RelationshipsDr Frank	fer Carter	
Relationships		
11am – 12pmBias, Chance, ConfoundingDr Jenni	: Tianyi	
	fer Carter	
12 – 1pm Lunch break		
1pm – 3pm Summarising and displaying data Dr Frank	Tianyi	
3 – 3:30pm Tea break		
3:30 - 5pmOpen-source dataDr Frank	Tianyi	
Day 3 – 6 th December 2023		
8:30 – 10am Case Study – Integrating snakebite Dr Georg surveillance with MDA activities in Kenya	ge Oluoch	
10 – 10:30am Tea break		
10:30 – 12pmStatistical analysis processAgnes M	atope	
12pm – 1pmLunch break1pm – 3pmData analysis – tutorial using Stata/ SPSS/ RDr Frank	Tianvi	
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3 – 3:30Tea break3pm – 5pmData analysis – tutorial using Stata/ SPSS/ RDr Frank	Tianyi	









