



Knowledge Innovation Excellence

Data Management and Analyses Using STATA: An Introductory Course

Malawi Institute of Management (MIM)

10 to 14 November 2014

Preliminary Program

	Activity	Time	Responsible
Day 1: 10 Nov	Session 1: Opening Session		
	<ul style="list-style-type: none"> Registration & Stata Installation 	08:30– 09:00	Secretariat
	<ul style="list-style-type: none"> Official Opening 	09.00-10.00	CB
	<ul style="list-style-type: none"> Welcome remarks and general introductions 		Acting Director, CARD
	<ul style="list-style-type: none"> Official Opening of the Training Course 		VC/DVC
	<ul style="list-style-type: none"> Group photo, Tea break & Stata Installation 	10.00-10.30	All
	Session 2: Introduction to STATA	10:30 - 12:30	
	<ul style="list-style-type: none"> Objectives of the training 		CB
	<ul style="list-style-type: none"> Introduction to Policy Analysis 		
	<ul style="list-style-type: none"> Introduction to Stata/Stata Interface 		TC/FD
	<ul style="list-style-type: none"> Working “with” and “within” STATA 		FD
	<ul style="list-style-type: none"> Pull down menu 		FD
	<ul style="list-style-type: none"> Getting help in STATA 		TC/FD

	Activity	Time	Responsible
	<ul style="list-style-type: none"> • Stata documentation <ul style="list-style-type: none"> ○ Creating a "do"file ○ Creating a log file 		TC/FD
	Lunch break	12.30-13.30	All
	Session 3: Practical Session 1 (Stata syntaxes)	13.30-16.30	FD/CB/TC
	<ul style="list-style-type: none"> • Practical session (exercises on syntaxes) 		
	Tea/Coffee Break	15:00 – 15:30	All
	<ul style="list-style-type: none"> • Practical session (exercises on syntaxes) 	15:30 – 16:30	FD/CB/TC
Day 2: 11 Nov	Session 4: Data Management in Stata	09:00 – 10.00	FD
	<ul style="list-style-type: none"> • Data entry in Stata 		
	<ul style="list-style-type: none"> • Importing and exporting different formats of data 		
	<ul style="list-style-type: none"> • Merging and appending datasets 		FD/TC
	Tea/Coffee break	10.00-10.30	
	Section 5: Manipulating Data	10.30-12.30	TC
	<ul style="list-style-type: none"> • Recoding variables 		
	<ul style="list-style-type: none"> • (Re)naming variables 		
	<ul style="list-style-type: none"> • Labeling variables 		
	<ul style="list-style-type: none"> • Creating 'new' variables 		
	<ul style="list-style-type: none"> • Collapsing variables 		
	Lunch Break	12:30 – 13:30	
	Session 6: Practical Session 2 (Data Management)	13:30 – 15:00	TC/CB/FD
	Tea/Coffee Break	15.00-15.30	All
	Practical session (data management)	15.30-16.30	
Day 3: 12 Nov	Session 7: Basic Data Analyses	09.00-10.00	TC/FD
	<ul style="list-style-type: none"> • Data Cleaning 		
	<ul style="list-style-type: none"> • Exploring datasets 		
	<ul style="list-style-type: none"> • Identifying outliers 		
	Tea/Coffee Break	10:00-10:30	All
	<ul style="list-style-type: none"> • Descriptive statistics and graphs 	10:30-12.30	
	<ul style="list-style-type: none"> • Testing of hypotheses 		
	<ul style="list-style-type: none"> • Correlation analyses 		
	Lunch Break	12:30–13:30	
	Session 8: Practical Session 3 (Basic Data Analyses)	13.30-15.00	FD/TC/CB
	Tea/Coffee Break	15.00-15.30	
	Practical session (Basic data analyses)	15.30-16.30	
Day 4: 13 Nov	Session 9: Regression analyses Part I	09.00–10.00	TC/CB/FD

	Activity	Time	Responsible
	<ul style="list-style-type: none"> Theory Linear regression 		
	Tea/Coffee Break	10.00-10.30	All
	<ul style="list-style-type: none"> Regression diagnostics 	10.30-12.30	CB
	Lunch Break	12.30-13.30	
	Session 10: Practical Session 4 (Regression Analysis - OLS)	13.30-15.30	TC/CB/FD
	Reception (Cocktail)	15.30-17.00	All
Day 5: 14 Nov	Session 11: Regression analyses Part II	09:00-10:00	FD/TC/CB
	<ul style="list-style-type: none"> Logistic regression 		
	Tea/Coffee Break	10.00-10.15	All
	Session 12: Practical Session 5 (OLS (continued) and Logistic Regression)	10:15-12:00	FD/TC
	Session 13: Course Evaluation, Feedback, Certificate Presentation & Closing Ceremony	12.00-13.00	All
	Lunch and Departure	13.00	All

CB = Charles Jumbe

VC/DVC = Vice Chancellor/Deputy Vice Chancellor

FD = Francis Darko

TC = Thabbie Chilongo