

ACCOMMODATION INFORMATION

Participant will be responsible for their accommodation.



Target Audience

Undergraduate Students
Postgraduate Students
Academic Staff of Tertiary Institutions
Staff members of research Institute
Staff in Research department of government ministries and parastatals

WORKSHOP REGISTRATION

Participant Fee: 30,000 naira Only

BANK DETAILS

FIDELITY BANK: 5080076780
AFRICAN CENTRE FOR SHARED
DEVELOPMENT CAPACITY BUILDING

For further Enquiries

Mr Olabusuyi Falayi 08033999229
Mr Olasinde Samuel 07037117866

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AFRICAN CENTRE FOR SHARED DEVELOPMENT CAPACITY BUILDING



3DAY WORKSHOP *on* ANALYSIS OF CROSS-SECTION AND PANEL DATA USING R-STUDIO

Date:

July
26-28
2016

Venue

Plot A21 Mokola Estate,
Barrack Road,
Opp. St. Louis Grammar School,
Mokola Ibadan.

RSTUDIO

1. Is free software with GPL License
2. Handles large data set faster than menu driven commercial software such as STATA, SPSS, SAS, EViews.
3. Is multiplatform, integrative and highly interactive.
4. Allows users written functions



TRAINING WILL COVER:

- Basic Descriptive Statistics
- Regression Analysis
- Discrete Choice Model; Probit, logit, Sample selection models
- Panel Regression Analysis

Resource Persons

Prof. Olu Ajakaiye
08102723533
ajakaiye_olu@yahoo.com

Prof. J.O. Ajetomobi
08033793065
joajetomobi@lutech.edu.ng

For more Information, Please contact

Mr Olabusuyi Falayi 08033999229
Mr Olasinde Samuel 07037117866

African Centre for Shared Development Capacity Building wish to invite you to a short programme on Capacity Building in Basic Data Analysis using Rstudio

ADVANTAGES OF R STUDIO

1. Data transfer from EXCEL, SPSS, STATA, TEXTFILE, etc.
2. Handles large data set faster than menu-driven software such as SAS, SPSS, EXCEL etc.
3. The software update and documentation are absolutely free.
4. R STUDIO environment is highly interactive and allows you to formulate your own code if necessary.

Method of Training

The training will take place in a normal and conducive environment using specially prepared training manuals comprising software, materials and packages that trainees will use when fully trained. The training manual will cover basic data management principles and a number of statistical and econometric methods for research.

Topic stated for discussion will among others include:

- I. Basic Data Analysis using Ms Excel and R software such as:
 - i. Exploring data files
 - ii. Storing commands and output
 - iii. Creating New Variables and adding labels

- iv. Making tables and graphs to describe data
- v. Regression Analysis: The training manual will contain extensive discussion on the use of the statistical software for basic data management and analysis including how to generate tables and figures, running and diagnosing models and performing regression analysis.

TRAINING SESSION

The training will be a 3 day programme, please come with your laptop.

Day 1

- (a) Installation of R studio packages
- (b) Introduction to R software
- (c) Exploring data files using Ms Excel and Rstudio
- (d) Storing commands and output
- (e) Creating new variables and adding labels

Analysis of data policy advice such as T-test, Chi-square, correlation analysis and ANOVA

DAY 2

- (a) Graphical Analysis
- (b) Regression analysis including discrete choice
- (c) Practical demonstration by participants
- (d) Research Project examples

Day 3

Panel Data Analysis

- (a) Fixed Effect Model
- (b) Random Effect Model
- (c) Logit and Probit Models using Panel Data
- (d) Diagnostic Tests and Result interpretation.

Course Advantages

Free latest R software and installation
Enhanced research skill
Opportunity to compete for seed grant



APPLICATION FORM

1. Full Name.....
(in block letters)
2. Designation:.....
3. Present Employer & Address:.....
.....
4. Correspondence Address:.....
.....
5. Mobile:.....
6. E-mail:.....
7. Academic Qualification:.....
8. Sex:.....Male.....Female.....
9. Professional Experience (Years).....
 - (a) Paper published in journals (No).....
 - (b) Title of the Project associated with:.....
.....
10. Mention if you have participated in Summer/winter School/Training Course under AFRICAN Centre for Shared Development Capacity Building.
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11. Experience and Responsibility in the area of program:.....
12. Signature of the Applicant:.....