



Training Workshop on Data Management

22nd -26th July 2019

Department of Medical Research (Pyin Oo Lwin branch)

Overview of Training Workshop

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Deputy Director General

Department of Medical Research



Overview

- Data management is essential in conducting research
- Includes from the development of data collection tools to publication of the research findings



bjectives

After training, the participants will be able to understand the

1. Overview of the data management in conducting research
2. Statistical analyses
3. Appropriate presentation of the research findings
4. Interpreting and inference making on the research findings



Agenda for data management training workshop (22nd-26th July 2019) at DMR POLB

Duration	Topic	Speaker
Day 1 (22.7.2019)		
9:00-9:30am	Opening Ceremony	Prof Dr Zaw Than Htun, Director General, DMR
9:30-10:00am	Photo session	All
10:00-10:15am	REFRESHMENT	
10:15-10:30am	Overview of training workshop	Dr Khin Saw Aye, DYDG, DMR
10:30-11:30am	Pre-test	All
11:30-12:00noon	Principles of data management	Dr Saw Saw, Director (Socio-Medical), DMR
12:00-1:00pm	LUNCH BREAK	
1:00-1:30 pm	Variables	Dr Moe Kyaw Myint Director (Planning), DMR (POLB)
1:30-2:30 pm	Lecture: Descriptive statistics (frequency, proportions, mean, median, mode, SD, SE, variance, range, IQR)	Asso Prof Dr Kyaw Swa Mya (UPH)
2:30-2:45pm	TEA BREAK	
2:45:-4:30pm	Lecture: Measures of association (OR, RR, PR, POR, confidence interval)	Asso Prof Dr Kyaw Swa Mya (UPH)

Day 2 (23.7.2019)

9:00-9:15 am	Lecture: Overview on selection of test statistics	Dr Thida, Deputy Director, DMR (POLB)
9:15-10:30am	Lecture: Inferential statistics (Comparing group: categorical data)	Dr Myitzu Tin Oung Deputy Director, DMR (POLB)
10:30-10:45am	TEA BREAK	
10:45-12:00 noon	Lecture: Inferential statistics (Comparing group: categorical data)	
12:00-1:00pm	LUNCH	
1:00-2:30pm	Lecture: Inferential statistics (Comparing means of two groups (t-test))	Dr Kyaw Thu Soe, Research Scientist, DMR (POLB)
2:30-3:30pm	TEA BREAK	
3:30-6:30pm	Sightseeing	ALL

Data 3 (24.7.2019)		
9:00-10:30am	Lecture: Inferential statistics (One-Way and Two-Way ANOVA and Post-hoc tests)	Dr Kyaw Oo, DYDG (Retired), HRH
10:30-10:45am	TEA BREAK	
10:45-12:00am	Lecture: Presentation and interpretation of inferential statistics (One-Way and Two-Way ANOVA and Post-hoc tests)	
12:00-1:00pm	LUNCH	
1:00-2:30pm	Lecture: Nonparametric test	Dr Kyaw Ko Ko Htet, Research Officer, DMR (POLB)
2:30-2:45pm	TEA BREAK	
2:45-3:30pm	Lecture: Nonparametric test	
3:30-4:30pm	Overview of multivariable analysis	Dr Thida, Deputy Director, DMR (POLB)
Day 4 (25.7.2019)		
9:00-10:30am	Lecture: Correlation, simple and multiple linear regression	Prof/Head Dr Soe Moe Naing, UMM
10:30-10:45am	TEA BREAK	
10:45-12:00 noon	Lecture: Presentation and interpretation of inferential statistics (Correlation, simple and multiple linear regression)	
12:00-1:00 pm	LUNCH BREAK	
1:00-2:30 pm	Lecture: Logistic regression	Asso Prof Dr Win Khaing, UMM
2:30-2:45pm	TEA BREAK	
1:45-4:30pm	Lecture: Presentation and interpretation of logistic regression	

Day 5 (26.7.2019)		
9:00-10:30am	Lecture: Survival analysis (Kaplan Maia and Cox proportional hazard Analysis)	Dr Aye Mya Chan Thar Assistant Director, EPI, DOPH
10:30-10:45am	TEA BREAK	
10:45-12-00 noon	Lecture: Presentation and interpretation of survival analysis	Dr Aye Mya Chan Thar Assistant Director, EPI, DOPH
12:00-1:00 pm	LUNCH	
1:00-1:30pm	Lecture: Summary on selection of test statistics	Dr Thida, Deputy Director, DMR (POLB)
1:30-2:30pm	Post-test	All
2:30-2:45pm	TEA BREAK	
2:45-3:15 pm	Lecture: Principal Component Analysis	Dr Myat Htut Nyunt, Research Scientist, DMR
3:15-3:30 pm	Workshop evaluation	All
3:30-4:00 pm	Closing Ceremony	Director General, DMR

Group 1

- *Facilitators*

1. Dr. Thida
2. Dr. Zar Lwin Hnin
3. Dr. Kyaw Thu Hein

1. Dr. Nang Wutyi Htun
2. Dr. Yin Min Kyaw
3. Dr. Hla Nu Kyi
4. Dr. Kyaw Soe Htun
5. Daw Khin Phyu Thant
6. Dr. Hnin Ohnmar Soe
7. Dr. May Thandar Htun
8. Dr. Yadanar Aung Myo
9. Dr. Aye Aye Aung
10. Dr. Zin Mi Mi Htun
11. Dr. Yin Min Min Htut
12. Dr. May Phyu Linn
13. Dr. Zaya Min

Group 2

- *Facilitators*

1. Dr. Myitzu Tin Oung
2. Dr. Le Thandar Soe
3. Dr. Ei Ei Swe

- *Participants*

1. Dr. Ei Phyu Thwe
2. Dr. Myat Myat Moe
3. Dr. Phyo Phyo Lwin
4. Daw Khin Nilar Thaung
5. Dr. Phyo Kyi Thant
6. Dr. Khaing Zar Linn
7. Dr. Khin Moe Aung
8. Dr. Khin Wah Hlaing
9. Dr. Hnin Myaing
10. Dr. Zaw Ye` Htut
11. U Htun Win Latt
12. Dr. Aye Mya Nyein
13. Dr. Phyo Wai Zin

Group 3

- *Facilitators*

1. Dr. Kyaw Ko Ko Htet
2. Dr. Aung Pyae Phyo

- *Participants*

1. Dr. Wai Phyo Han
2. Dr. Chan Myae Win
3. Dr. Nang Cho Nwe Mon
4. Dr. Thin Sandar Hlaing
5. Daw Wai Mi Aung
6. Dr. Zin Zin Than Wai
7. Dr. Swe Win Win Khaing
8. Dr. Kyaw Thu Lin
9. Dr. Khin Moe Thwe
10. Dr. Hnin Wutyi Win
11. Dr. Tin Wann
12. U Htun Lin Saung
13. Dr. Pyay Nyein Kyaw

Group 4

- *Facilitators*

1. Dr. Kyaw Thu Soe
2. Dr. May Soe Aung

- *Participants*

1. Dr. Ei Mon Phyo
2. Dr. Sai Ni Soe Zin
3. Dr. Kyaw Min Oo
4. Dr. Nway Htike Maw
5. Dr. Yamin Ko Ko
6. Daw Aye Thida Htun
7. Dr. Nan Yupa Han
8. Dr. Aye Pyae Pyae
9. Dr. Phyo Ko Ko Aung
10. Dr. Thet Paing Lin
11. Dr. Myo Ko Ko Kyaw
12. Daw Kaythi Aye

Recreation

- Sightseeing



- Shopping



- Karaoke



Expectations from Participants

- Active participation



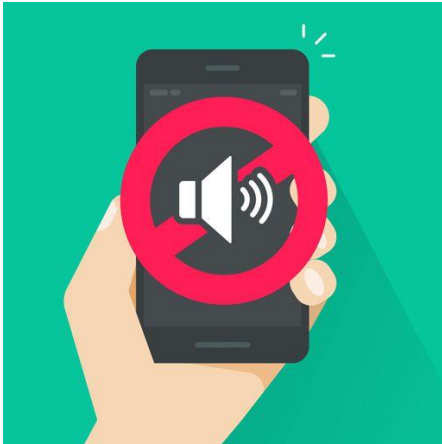
Expectations from Participants

- Contribution in Group discussions



Expectations from Participants

- Remove distractions



Expectations from Participants

- Discuss any doubts

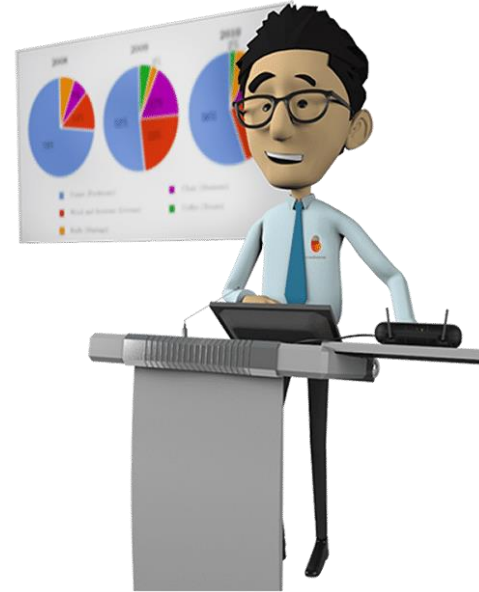
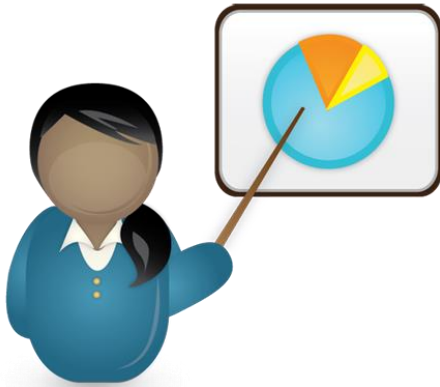


Expectations from Participants

- Be punctual
- 100% attendance



Try hard for Rewards!!!



Thank You