

Public Health Training Camp 2020 *(Autumn Session)*

Workshop on

“Data Management and Analysis in STATA”

Facilitators

Shafiur Rahman, Assistant Professor, Hamamatsu University School of Medicine, Japan

Ashraful Alam, Assistant Professor, The University of Tokyo, Japan

Rashedul Islam, PhD Candidate, The University of Tokyo, Project Researcher, National Cancer Center, Japan

Host: Global Public Health Research Foundation, Bangladesh

Teaching mode: **Online [Zoom]**

Duration: 2 days (2nd & 3rd October 2020)

Registration deadline: **September 25, 2020**

Online registration form: <https://forms.gle/QYcAs8XEjvYnRmMr9>

Contents

Date & Time	Content	Facilitators
Day 1 2nd October, 2020 (1) 15:00 -17:00 (2) 18:00 -20:00 GMT+6 time	Data Management Basics <ol style="list-style-type: none">1. Brief overview2. Enter, edit data, import and export data3. Operators & functions4. Data imports and exports5. Transform, recode, and compute variables6. Operators in Stata, IF, for loop	Shafiur Rahman; Ashraful Alam; Rashedul Islam
Day 2 3rd October, 2020 (1) 10:00-12:00 (2) 14:00-16:00 GMT+6 time	Advanced Data Management and Basic Statistical Analysis <ol style="list-style-type: none">1. Append and merge datasets2. Collapsing and reshaping datasets3. Data visualization4. Descriptive statistics5. Regression analysis	Shafiur Rahman; Ashraful Alam; Rashedul Islam

NB: Participants are required to install Stata software version 11 or Higher.

Description

This Stata course over two days will introduce data management, data visualization and basic statistical analysis in Stata. The course requires no prior experience with Stata and would be suitable for beginners or participants wanting to refresh the core concepts. The objective of the course is to provide training on how to use Stata to produce a clean, complete, dataset ready for analysis. The course will cover data visualizations and statistical analysis with several practical sessions. Commands for creating new variables and for modifying existing variables will also be covered. Through hand-on training, participants will be familiar with the ways to import data from different formats to Stata, export Stata to other formats, and combine several datasets. Moreover, the course will cover data visualization and basic analyses including descriptive statistics, correlation, and regression. Notes and example datasets will be provided.

Course Fee

Course fee: **Bangladesh:** BDT 1000 for students and BDT 2000 for professionals.
International: \$50 for both students and professionals.

Contact



Global Public Health Research Foundation

Email: training@gphrf.org

Mobile: +880 17 9743 8880 (Bangladesh)

Mobile: +880 17 9743 8889 (International)

WhatsApp: +880 17 9743 8889 (International)



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