

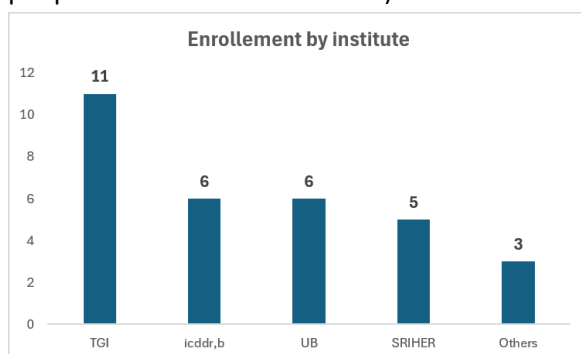
Course training report

Training details

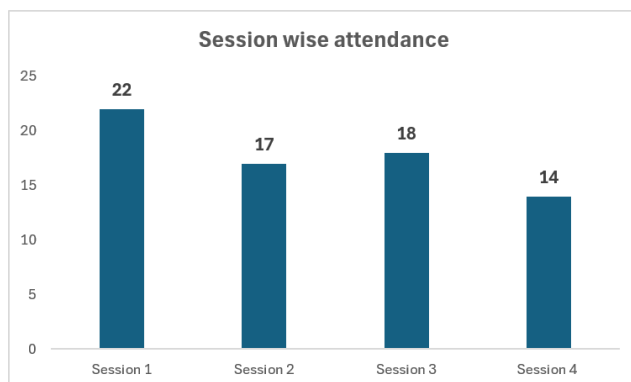
1. **Name of Course:** Planning, reporting and interpretation of statistical results in health research
2. **Theme of the course/training:** Research methods
3. **Organizing institute:** The George Institute for Global Health
4. **Course faculty:** Dr Rashmi Pant, Senior Research Fellow (Biostatistics), The George Institute for Global Health
5. **Intended learning objectives:**
 - Identify and define outcomes and exposures and their levels of measurement
 - Distinguish between effect, effect measures and effect size
 - Interpret statistical results commonly reported in health research
 - Choose the right analytic methods to match the research question and study design
 - Identify key components of data analysis plan for their research
6. **Course delivery dates:** May 2026- July 2026
7. **Course details:** 4 live interactive sessions (conducted via zoom) + reading material + end of course assignment
8. **Total contact hours:** 4.5 hrs (live session)
9. **Assignment details:** All participants were requested to develop a statistical analysis plan using the template provided by the course faculty
10. **Total enrolled and completed:** Enrolled-**31** participants, Completed-**21** participants (**68%**)

Participant details

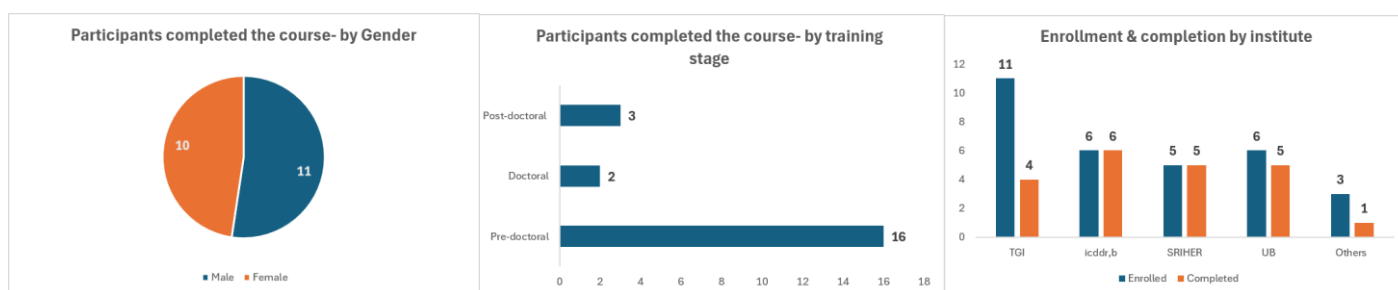
1. An expression of interest was sought for the course from all partner institutes for enrollment. The total number of enrolled participants in the course was **31** (including **12** people from outside the Centre)



2. Attendance of live interactive sessions(n=4)



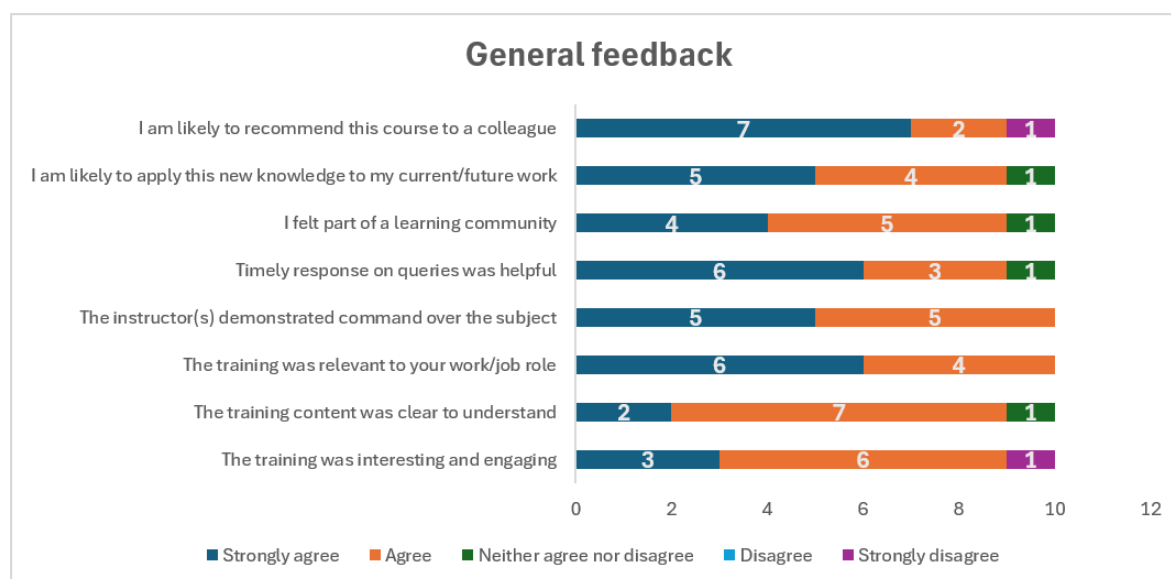
3. 21 participants (68%) successfully completed the course by meeting the completion criteria: attending two of the four live sessions and submitting the end-of-course assignment. They were therefore eligible to receive course certificates.

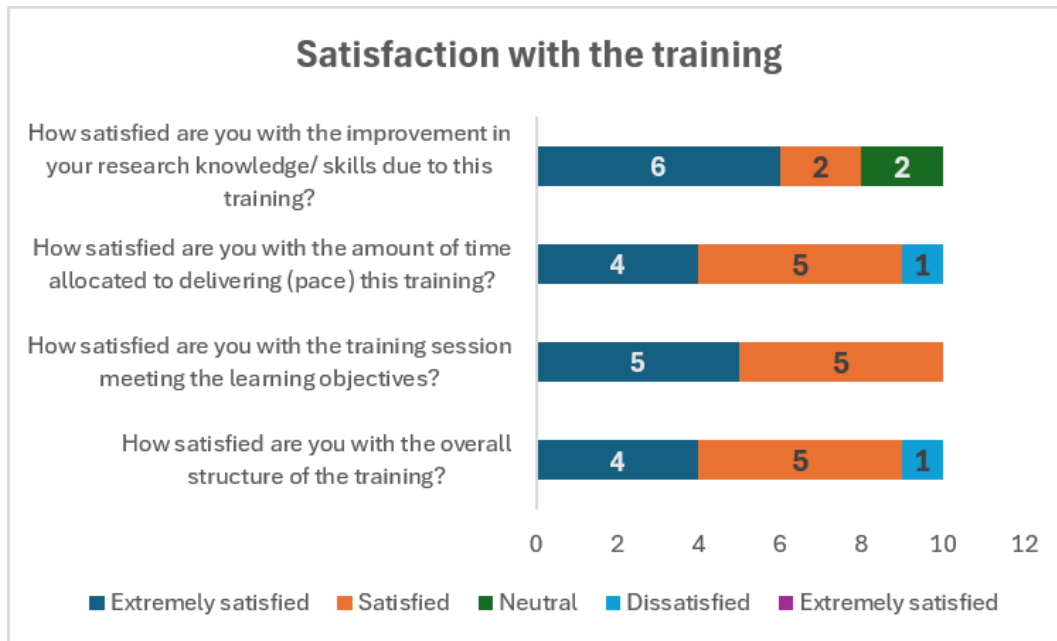


Participant Feedback

Feedback was collected anonymously from participants using feedback form via the Moodle platform. 48% participants (10/21) who completed the course provided the feedback.

92.5% participants responded agreed/strongly agreed to the general feedback questions, while response was recorded satisfied/extremely satisfied by **90%** participants for satisfaction related questions.





Qualitative feedback

Valuable part about the training

- Case based learning beyond theoretical concepts
- Developing a statistical analysis plan as the final assignment
- Outlining of the detailed framework for statistical analysis
- Learning how to formulate a strong research question and align it with study objectives, research designs, effective measures and analysis strategies
- Reading material provided by the faculty

Application of new knowledge and skills gained

- Strengthening ongoing research work
- In designing a new study
- Improving work on tool validation
- During statistical analysis post fieldwork for all the projects
- Developing statistical plans analysis for all the projects enumerating the outcomes, effect measures and effect sizes

Suggestions for improvement

- Sessions can be organized in later part of the day
- Additional time for hands-on/practical session will be more beneficial
- More time or a little less content per session

Technical issues faced

- Few minor internet connectivity issues during some sessions, but they did not significantly affect the overall learning experience.



Testimonials from the course participants

“The training provided practical knowledge, clear explanations, and hands-on learning that enhanced my understanding of research methods and their real-world application”

“The final assignment was really helpful - it really helped apply all we learned throughout the course”