# Agenda

## Strategies for statistical analyses of epidemiological data, and introduction to scientific writing

### Birzeit University 30 April – 2 May 2018

Participants will receive a STATA course-account. The package must have been installed in person the first day of the course, to be used during the whole course. This will be a STATA-crash-course, are not familiar with STATA can participate.

| Time | Theme | Lecturer |
|------|-------|----------|
| **Day 1: Monday April 30, 2018** | | |
| 08:30 | **Registration. Check of STATA-access and course-files** | |
| 09:00 | **Opening remarks** | Niveen Abu-Rmeileh, Hein Stigum, Marte Kjøllesdal, Cecilie Dahl, Espen Bjertness |
| 09:15 | **Building a scientific paper:** **Link between project protocol/planning and chapters in a scientific paper** **Link between research question(s),** **objective(s), design, selection of population and methods, results and conclusion** | |
| | | EB |
| 09:45 | Coffee/tea break | |
| 10:15 | **Introduction to statistical analyses of epidemiological data.** | MK, CD |
| 11:00 | **Lunch** | |
| 12.00 | **STATA crash-course** | HS, MK, CD |
| 16:00 | **Adjourn** | |

# Day 2: Tuesday, 1 May, 2018

| | | |
|---|---|---|
| 08:30 | **Causal Graphs (DAGs) with exercises**<br>Introduction to DAGitty | HS |
| 12:00 | **Lunch** | |
| 12:45 | **Linear regression**<br>Purpose<br>Workflow<br>Syntax<br>Assumptions<br>Robustness<br>Non-linear effects<br>Interaction | HS |
| 15:15 | **Group session** - Introduction to course data file | HS, NA-R,<br>EB, CD,<br>MK |
| 16:00 | **Adjourn** | |

# Day 3: Wednesday May 2, 2018

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|---|---|---|
| 08:30 | **Group session cont.** | HS, NA-R,<br>EB, CD,<br>MK |
| 10:00 | **Plenary** | HS |
| 11:00 | **Lecture:** Methods and Result presentation | EB |
| 12:00 | **Lunch** | |
| 12:45 | **Logistic regression**<br>Purpose<br>Workflow<br>Syntax<br>Assumptions<br>Robustness<br>Non-linear effects<br>Interaction | CD, MK |
| 14:00 | **Group session** | CD, MK,<br>NA-R, EB |
| 15:30 | **Plenary** | |
| 16:00 | **Adjourn** | |