



ABN: 15280679

Tropical Health Solutions



PROFESSIONAL DEVELOPMENT COURSES

WORKSHOP: USING SPSS FOR STATISTICAL DATA ANALYSIS

The workshop will introduce participants to practical data analysis using the statistical software package SPSS (Statistical Package for the Social Sciences; IBM SPSS, version 20, Chicago, Illinois). SPSS is a user friendly package which allows statistical analysis without anguish. A one-year educational graduate license for SPSS as well as a practical guide to SPSS written by the facilitators are part of the course material.

The workshop is structured as a mix of brief statistical lectures but mainly focuses on practical sessions using SPSS. The workshop will be highly interactive to foster learning outcomes. Practical and theoretical issues discussed will include:

- o data collection, data entry and data cleaning;
- o quantitative data description and its presentation in tables and graphs; and
- o statistical hypothesis testing.

The main focus is on four practical questions:

1. How to describe and summarise my data?
2. What statistical test is needed for a specific research question?
3. How do I perform this procedure in SPSS?
4. How do I interpret and present my results?

The facilitators:

Dr Petra Buettner, and Dr Monika Buhner-Skinner. The two facilitators have extensive experience in lecturing practical quantitative research methodology including SPSS for both post- and undergraduate university students. Petra is an applied biostatistician who is specialised in the quantitative methods in epidemiology, in the design and analysis of epidemiological studies including clinical trials. Monika holds a Doctorate in Public Health.

Other information:

Where: Mater Educational Centre

(Fulham Rd, Pimlico, Townsville, QLD)

When: Sat 27th and Sun 28th October 2012

Time: 9:00 am to 5:00 pm

Costs: AU\$ 850 (\$700 fulltime student)

Note: minimum and maximum number of participants may apply.

Includes:

Morning tea, lunch and afternoon tea for two days.
One-year educational graduate license for SPSS.
Introductory guide to SPSS (written by facilitators).
Educational materials: including copies of a book chapter (written by facilitators).

Target group:

"People with some research experience" would be "preferred", but not essential.

*We ask participants to bring their own laptop (ideally with the SPSS licence installed); so we will need **postal addresses of participants** so we can send SPSS licences to them in advance!*

CPD points:

Participants can receive a Certificate of Attendance or a Certificate of Attendance in order to apply for CPD points with their discipline body. We will expect participants to successfully complete an assignment in order to receive the Certificate of Achievement.

REGISTRATION FORMS

On-line: www.tropicalhealthsolutions.com

Contact: THS admin – Cindy McCutchan

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