



Institute for Health Research

THE UNIVERSITY OF NOTRE DAME AUSTRALIA

For the health and wellbeing of people and communities in need.

Basic Statistics using SPSS

Wednesday 18th July 2018, 8.45am to 12.30pm

Please RSVP by Monday, 2nd July

Workshop Presenters

Dr Paola Chivers

Research Biostatistician,

Institute for Health Research, University of Notre Dame Australia, Fremantle

Prof. Max Bulsara

Chair in Biostatistics, Institute for Health Research, University of Notre Dame Australia, Fremantle

Target audience

This workshop is suitable for staff, HDR and Honours students who have completed the Introductory SPSS workshop and would like to learn how to use SPSS to perform basic statistical tests.

Prerequisites: Introduction to SPSS Workshop or working knowledge of SPSS.

Aim

There is no getting around statistics. Numbers help us find patterns in data, such as averages and medians. Everyone is exposed to some form of statistic every day, in newspapers, TV, magazines etc. SPSS is a widely available computer software program for analysing quantitative data. The learning objectives of this half-day workshop are to give each participant experience on how to undertake basic statistical tests using SPSS as the statistical software. This is a hands-on workshop and sample datasets will be provided.

Teaching Method

Presentation, lecture, demonstration, hands-on exercises, question and answer sessions, discussions.

Learning Outcomes

- Apply the basic statistical tools learnt in the introductory course.
 - Manipulate variables
 - Transform data for analysis
 - Recode and compute variables
 - Describe data
- Understand the basic principles for choosing and conducting basic statistical tests.
- Perform the following basic statistical tests using SPSS:
 - Correlation
 - Regression
 - T-test
 - ANOVA
 - Chi-square
 - Non-parametric alternatives

Workshop Enrolment

Numbers are limited and places are reserved on a first come, first-served basis. **Please note**, there are no costs for staff, HDR and Honours students from University of Notre Dame.

To ensure you secure a place, please email Louisa Smith your registration form.

Louisa Smith, Institute for Health Research (IHR), University of Notre Dame Fremantle
Email: Louisa.Smith@nd.edu.au or Phone (08) 9433 0105

For any information regarding the workshop please contact Louisa Smith,
Email: louisa.smith@nd.edu.au or Phone (08) 9433 0105.

Successful attendees will be notified shortly after registration form and payment (if required) is received.

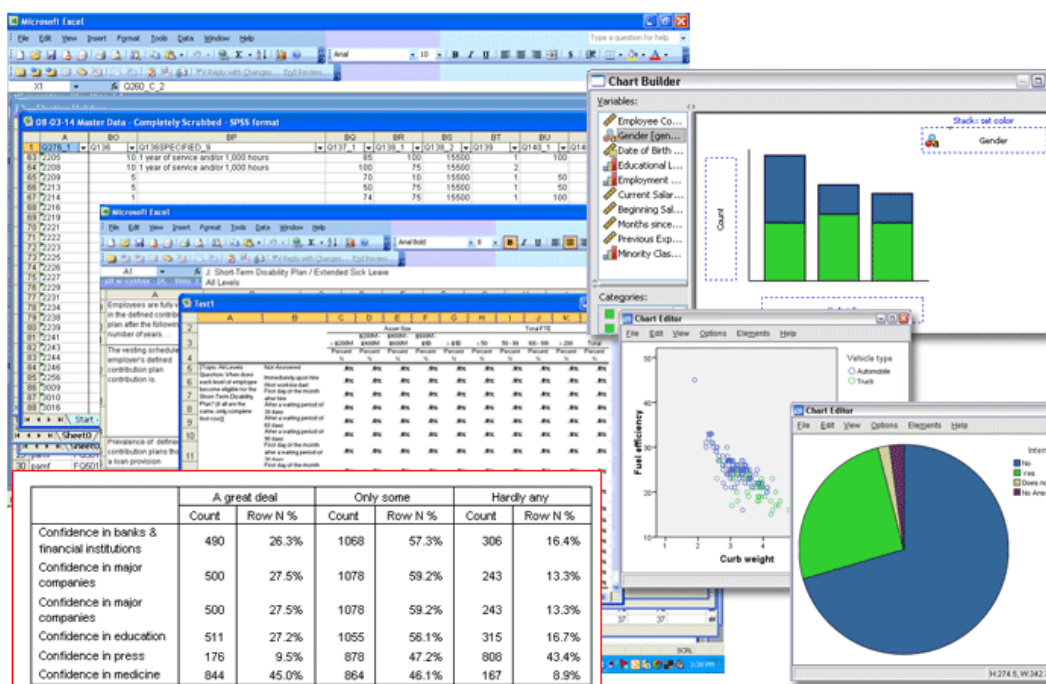
Workshop Venue

University of Notre Dame
Computer Room NDS14/306
Level 3 School of Medicine and Nursing
160 Oxford Street, Corner of Victoria Street
Darlinghurst, Sydney

Workshop Fees for External Participants

For external participants there is a fee of \$200 (including GST) for this half day workshop. Fees include extensive course material, data sets, lectures, use of computing facilities and opportunity to network with fellow researchers.

Please note, the cost for Staff and PhD/Prof Doc students from **University of Notre Dame** will be covered by IHR, however please ensure that you complete the registration form.





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Registration Form

Basic Statistics using SPSS

Wednesday 18th July 2018, 8.45am – 12.30pm

Prerequisites: Introduction to SPSS Workshop, or working knowledge of SPSS.

Successful attendees will be notified shortly after this registration form and payment (if required) of \$200.00 (incl.GST) is received. Tax invoices will be issued on the first day of the workshop. Closing date for registration is **Monday, 2nd July.**

For more information please contact:

Louisa Smith Ph. (08) 9433 0105, email louisa.smith@nd.edu.au

Title	<input type="text"/>
Full Name	<input type="text"/>
Institution/Company	<input type="text"/>
Email Address	<input type="text"/>
Contact Number	<input type="text"/>

Do you require any special access or mobility arrangements? _____

Have you completed an *Introduction to SPSS Workshop* or have working knowledge of SPSS? _____

How would you describe your statistical skills? _____

What is your area of research? _____

Payment Details:

Payment can be made by Cheque or Credit Card. If payment is by cheque please make payable to "The University of Notre Dame Fremantle".

If paying by credit card please complete the following.

Payment Applicable

Yes

No

NAME OF CARD HOLDER: _____

VISA MASTER CARD EXPIRY DATE: _____

CREDIT CARD NO: _____

ADDRESS: _____

EMAIL TO: louisa.smith@nd.edu.au