

FREE STATISTICS SEMINARS - 2019

A series of 3 refresher seminars on applied statistics fundamentals will be held to assist researchers at the university. They are free to all students and staff.

No registrations are necessary.

<p>Tue 11 Jun 10.00 to 12.00 Lecture theatre PG08 (Physics)</p>	<p>What is statistics about? Reviews fundamental statistical concepts and the most common concepts covered by a typical introductory statistics course. <i>Suitable for people with NO previous statistical training.</i></p>
<p>Wed 12 Jun 10.00 to 12.00 Lecture theatre PG08 (Physics)</p>	<p>What method do I use? Broadly describes the spectrum of statistical techniques available and how to choose the right ones. <i>Suitable for people with little previous statistical training.</i></p>
<p>Thu 13 Jun 10.00 to 12.00 Lecture theatre PG08 (Physics)</p>	<p>How much data should I collect? Reduce wasted effort by ensuring that the data you collect really will enable you to answer your research question. The emphasis will be on issues of sample size and power. <i>Suitable for people with little previous statistical training.</i></p>

Presenters: Nic Croce, Fran Baker, Kim Colyvas, Statistical Support Service consultants.
For more information: statsupport@newcastle.edu.au

Seminar 1 will focus on **concepts** like the nature of variation, types of data, confidence intervals, hypothesis testing and modelling. These ideas would normally be covered in undergraduate statistics courses. This is not an alternative to having done a statistics course but people with no or little statistical background should find this seminar a helpful introduction.

Seminars 2 and 3 will assist researchers with the methodology side of research applications. There is a strong link between these two seminars and two questions in the university human ethics approval application form.