

A Review of Basic Statistics

Timetable

Day 1

09:00	Registration – coffee available	
09:15	Introduction and choice of software	JG/PSG
09:35	Lecture 1: Descriptive statistics	PSG
10:40	Coffee break	
10:55	Introduction to a statistical package	PSG/ICD/JG
11:30	Practical 1: Data summary and presentation	PSG/ICD/JG
12:15	Lunch	
13:45	Lecture 2: Normal distribution and normal probability plots	PSG
14:45	Practical 2: Distributions	PSG/ICD/JG
15:30	Coffee break	
15:45	Lecture 3: Estimation, sampling distributions, t-distributions, and confidence intervals	JG
16:45	Practical 3: Estimation and confidence intervals	JG/ICD/PSG
17:30	Close of day	
18:00	Dinner	

Day 2

09:00	Lecture 4a: One-sample hypothesis tests – I	JG
09:55	Practical 4a: One-sample hypothesis tests	JG/ICD/PSG
10:15	Coffee break	
10:30	Lecture 4b: One-sample hypothesis tests – II	JG
11:00	Practical 4b: One-sample hypothesis tests – II	JG/ICD/PSG
11:30	Lecture 5: Two-sample t-test and F-test	JG
12:30	Lunch	
14:00	Practical 5: Two-sample tests	JG/ICD/PSG
15:15	Coffee break	
15:30	Lecture 6: Estimation and testing for proportions (including demonstration)	PSG
17:00	Review and close of course	

Course presenters
James Gallagher (JG)
Polly Grove (PSG)

Demonstrator
Ian Dale (ICD)