

Measurement in Health and Disease Module 2008

Course dates: April 23, 30, May 7, 14, 21, 28, June 4, 11, 18.

Time: 9.15 to 12.15.

Place: A/RC/014 (ARRC Lecture Theatre)

1. Measurement error: standard deviation and correlation approaches (MB)
2. Observer variation: standard deviation and correlation approaches (MB)
3. Agreement between different methods of measurement: limits of agreement and failure of the correlation approach (MB)
4. Categorical data: Cohen's kappa (MB)
5. Sensitivity and specificity, normal ranges, reference intervals, and centile charts (MB)
6. Quality of life scales (DT)
7. Composite scales and scores: creation, principal component and factor analysis (VA)
8. Validity (MB)
9. Examination: two hour, open book, with questions on published research papers which will be given out in advance.
(Place to be announced.)

Lecturers: Martin Bland, David Torgerson, Vicky Allgar

Course material can be found on:

<http://martinbland.co.uk/>

under

For students at York
M.Sc. Course Material