

Liverpool Short Courses on Medical Statistics

Pre-course preparatory work

Before you attend these courses, it would be a good idea to remind yourself of some basic statistical concepts. You should study the following topics:

- 1- Types of data: continuous, categorical, ordinal
- 2- Describing data: mean, median, mode, variance, inter-quartile range, skewness
- 3- Probability distributions: Normal distribution, Binomial distribution, Poisson distribution

A very good book that serves as preparatory and as future reference is:

Practical statistics for medical research. Douglas G. Altman. Chapman & Hall/CRC.

If you have access to this book then please read chapters 2, 3 and 4 before attending these courses.