

Models in Medicine. I.
Introduction to Statistical Inference and the General Linear Model

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“*Handouts*” containing copies of all of the slides will be provided at the time of the lecture.

For the present we provide a list of references and appropriate software.

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Models in Medicine I.

Introduction to Statistical Inference and the General Linear Model Statistical Software Packages

The statistical packages listed below provide the **minimal software** required for effective implementation of the statistical procedures described in the lecture. There are many other packages available. They can be readily located by *Google* on the Internet (all of the vendors maintain current websites). Independent assessments and comparisons of competing packages can be found in various journals. For example, *The American Statistician* provides very useful reviews.

1. **SYSTAT 10.2.** (6 volumes). SYSTAT Software. Richmond, CA. 2002. (*Statistics*)
2. **nQuery 5.0 Advisor.** Release 5.0. Study Planning Software. J.D. Elashoff. Statistical Solutions, Ltd. Cork, Ireland. 2002. (*Sample size*)
3. **PEPI V. 4.0** Computer Programs for Epidemiologists. J.H. Abramson & P. M. Gahlinger. Sagebrush Press. Salt Lake City, UT. 2001 (*Statistics*)
4. **Solas** for Missing Data Analysis 2.0. Versatile Methods for Data Analysis. Statistical Solutions, Ltd. Cork, Ireland. 1999. (*Missing Data*)