

“Case-based Social Statistics I”

Winter 2002

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Syllabus

VR \equiv *Modern Applied Statistics with S-plus* text.

1.0 Resources on Resources

1.1 The WWW interface to departmental on-line resources

1.2 On-line Computer Resources

1.3 UW Center for Academic Computing (CAC) resources

1.4 Other UW resources

2.0 Introduction to PC based computing at UW

2.1 Windows NT operating system

2.2 Statistical packages on the PC

2.3 Minitab for Windows

2.4 Word processing using Scientific Word

3.0 Using UNIX workstations

3.1 Basic introduction to UNIX commands

3.2 The Openlook windowing interface to UNIX

3.3 Word processing under UNIX

3.4 Typesetting under UNIX TeX and LaTeX

4.0 Statistical Packages available on UNIX workstations

4.1 Splus

4.2 SAS

5.0 Programming languages important to Statistical Computing

5.1 FORTRAN

5.2 C

5.2 Libraries; IMSL, LaPack

6.0 Advanced topics

6.1 High-performance and parallel computing at UW

6.2 Basics of WWW home-page construction

6.3 Topics by request and interest