

Hierarchical Linear Modeling

Workshop at
Statistics Canada

September 30 to October 2, 2002

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Day 1 September 30

Lesson I

Simple Linear Regression: 1, 2, many groups
Introduction to two-level HLM

Lesson II

The Two-level Multilevel Model
Examining Residuals
More practice

Day 2 October 1

Lesson III

Null Model

R-squared in HLM

Shrinkage and the Reliability of Estimates

Discussion

Ten Hypotheses Paper

Proposed Analyses with the CCHS

Day 3 October 2

Lesson IV

Contextual Effects

Two-level HLM with Level 2 Variables

Lesson V

Logistic Regression

Lesson VI

Multivariate Multilevel Regression