2005 ICPSR SUMMER PROGRAM
in QUANTITATIVE METHODS of SOCIAL RESEARCH

a gateway to knowledge

First Session
June 27–July 22, 2005

Workshops
Bayesian Methods
Introduction to Statistics and Data Analysis I
Mathematical Models: Game Theory
Maximum Likelihood Estimation for Generalized Linear Models
Quantitative Analysis of Crime and Criminal Justice
Quantitative Historical Analysis
Regression Analysis I: An Introduction
Regression Analysis II: Linear Models
Regression Analysis III: Advanced Methods
Scaling & Dimensional Analysis

Lectures
Introduction to Computing
Mathematics for Social Scientists I
Mathematics for Social Scientists II
Statistical Computing Using S
Advanced Topics in Social Research *

Three- to Five-Day Workshops
Dates and Locations TBA

Categorical Data Analysis
Census 2000
Hierarchical Linear Models
Latent Growth Curve Analysis
"LISREL" Models: Introduction
Multilevel Models
Network Analysis:
Providing Social Science Data Services
Spatial Analysis: Introduction
Spatial Regression Analysis

Second Session
July 25–August 19, 2005

Workshops
Advanced Maximum Likelihood Estimation
Advanced Topics in Game Theory
Categorical Analysis
Introduction to Statistics and Data Analysis II
"LISREL" Models: General Structural Equations
Longitudinal Analysis
Mathematical Models: Rational Choice
Regression Analysis II: Linear Models
Simultaneous Equation Models
Time Series Analysis

Lectures
Complex Systems Models
Introduction to Computing
Matrix Algebra
Advanced Topics in Social Research *

*Advanced Topics in Social Research

Causal Inference
Data Mining
Missing Data Analysis
Statistical Graphics for Univariate and Bivariate Data

For a catalog & application:

www.icpsr.umich.edu/sumprog

ICPSR Summer Program
P.O. Box 1248
Ann Arbor, MI 48106-1248
(734)763-7400
e-mail: sumprog@icpsr.umich.edu

Fall 2004