

Multiple Regression and Beyond

First edition data sets and other files

Zip files by chapter	Files Included	Formats	Brief Description
NELS Data: NELS.zip	N=1000,stud & par_3.sav	SPSS .sav and .por (portable) Text (.dat)	1,000 students selected at random from the larger National Education Longitudinal Study of 1988, a national survey of 24,000 eighth graders from over 1,000 schools. The data included here are student and parent responses in 8 th grade and student responses in 10 th grade. These data are used throughout the text
	Nels variables.doc; Varlist for par&stu.spo	Word and SPSS output (older format)	Listing of variables in the NELS data set used throughout the text.
Chapter 1: Chap- 1.zip	Chap 1, ex 1, hmwrk & ach	SPSS, Excel, text	Simulated homework and math achievement data used in Chapter 1. <i>N</i> =100
Chapter 2: Chap- 2.zip	Chap2, hw grades.sav	SPSS, Excel, text	Simulated data for measures of grades, time spent on homework, and parent education level. <i>N</i> =100.
	Exercise 4, grades, ed, income.sav	SPSS, Excel, text	Data for exercise 4: grades, parent education, and family income, <i>N</i> =200
Chapter 3: Chap- 3.zip	Chap 2 hwork grades data.sav	SPSS	Same data as in chapter 2.
Chapter 4: Chap- 4.zip	Tiggeman & Lynch simulated data.sav	SPSS, Excel, text	Eating disorders data simulated to mimic variables from Tiggeman and Lynch (2001). <i>N</i> =322. Exercise 3.
Chapter 5: Chap- 5.zip	Sethi & Seligman simulated.sav	SPSS, Excel, text	Simulated data based on Sethi and Seligman (1993) to examine the effect of religious variables on optimism, exercise 3. <i>N</i> =600.
Chapter 6: Chap- 6.zip	False memory data, 3 groups.sav	SPSS, Excel, text	Effects of sexual abuse on false memories, based on Bremner, Shobe, and Kihlstrom (2000). <i>N</i> =60.
	False memory data, 4 groups.sav	SPSS, Excel, text	False memory data for exercise 4; includes four groups rather than three. <i>N</i> =80.
Chapter 7: Chap- 7.zip	Kranzler et al simulated data.sav	SPSS, Excel, text	Analysis of test bias data simulated to mimic Kranzler, Miller, and Jordan (1999), <i>N</i> =100.

	ATI data.sav	SPSS, Excel, text	Aptitude-treatment interaction simulated data loosely based on Brady & Richman, 1994, $N=100$.
	ATI data b.sav	SPSS, Excel, text	Another simulated ATI data set, $N=100$, exercise 4.
	ANCOVA exercise.sav	SPSS, Excel, text	Pretest-posttest control group design: effectiveness of two different methods of teaching research. Exercise 5, $N=60$
Chapter 8: Chap-8.zip	TV ability interact2.sav	SPSS, Excel, text	Simulated data to examine the possible interaction of TV viewing and ability in their effect on achievement (based on Keith et al., 1986). $N=500$.
Chapter 9: Chap-9.zip	Problems with MR 3.sps	SPSS syntax file	SPSS syntax to conduct regression using a correlation matrix, means, and <i>SDs</i> . Correlations from Keith and Cool (1992).
Chapter 10: Chap-10.zip	Path model via MR.sps	SPSS syntax file	SPSS syntax file to conduct path analysis via MR, three variable example.
	Motivate 5 var path.sps	SPSS syntax file	SPSS syntax file to conduct path analysis via MR, five variable example. This is the same example that was used in Chapter 9, but set up to do path analysis.
Chapter 12: Chap-12.zip	Pi matrix, listwise.xls	SPSS, Excel	Parent involvement → grades example from the chapter, $N=811$, matrix data
	PI example 1.amw	Amos graphics	Parent involvement → grades example from the chapter, Amos setup.
	Create corr matrix in spss.sps	SPSS syntax	Syntax to get SPSS to create a correlation matrix in the format used by Amos.
	Homework overid 1.xls	Excel, SPSS, text	Homework → grades example from the chapter, $N=1000$, matrix data
	Homework path 1.amw	Amos graphics	Homework → grades example from the chapter, Amos setup.
	Trust norec sim data.xls	Excel	Nonrecursive model of trust in male-female relationships, based on Butler, 2001. $N=300$, matrix data
	Trust nonrecursive model.amw	Amos graphics	Nonrecursive model of trust in male-female relationships, Amos setup.
	Stress burnout longitudinal.xls	Excel	Effects of stress on burnout, longitudinal model, based on McManus and colleagues (2002). $N=331$, matrix data
	Stress burnout longitudinal 5.amw	Amos graphics	Effects of stress on burnout, longitudinal model, based on McManus and colleagues (2002), Amos setup

	Henry et al.sav	SPSS, Excel	Longitudinal effects of peer delinquency and violence on boys, based on Henry and colleagues (2001). $N=247$, raw data, exercise 5.
	Henry et al.amw	Amos graphics	Longitudinal effects of peer delinquency and violence on boys, Henry and colleagues (2001), Amos setup
Chapter 14: Chap-14.zip	DAS.xls	Excel, SPSS	Differential Ability Scales CFA example from chapter, matrix data, $N=200$.
	DAS first 1.amw	Amos graphics	Differential Ability Scales CFA example from chapter, Amos setup
	DAS simulated.sav	SPSS, Excel	Differential Ability Scales CFA example for exercise 3, simulated raw data, $N=500$.
Chapter 15: Chap-15.zip	Buhs & Ladd data.sav	SPSS, Excel	Simulated academic and emotional adjustment in Kindergarten, based on Buhs and Ladd (2001). Simulated raw data, $N=399$.
	Buhs & Ladd model 1.amw	Amos graphics	Academic and emotional adjustment in Kindergarten, based on Buhs and Ladd (2001), Amos setup.
	Head start.xls	Excel	Classic head start effects analysis, matrix data, $N=301$, for exercise 2.
Chapter 16: Chap-16.zip	HW latent matrix.xls	Excel	Homework → Grades latent variable example from chapter, matrix data, $N=1000$
	HW latent 1.amw	Amos graphics	Homework → Grades latent variable example from chapter, Amos setup.
	Majority matrix.xls, Minority matrix.xls	Excel	Data (matrix format) for the multi-group Homework→Grades SEM example from the chapter, $N=751$ (majority), 274 (minority)
	Initial multi sample model.amw	Amos graphics	Initial setup for the multi-sample Homework→Grades model.
	Eisenberg et al 2001.sav	SPSS, Excel	Exercise 2, simulated data based on Eisenberg and colleagues (2001), mothers' emotions→children's behavior. $N=176$.
	Eisenberg et al 1.amw	Amos graphics	Initial Amos model for the Eisenberg et al exercise.
Appendix Basics: Appendix-Basics.zip	IQ Achieve.sav	SPSS, Excel	Appendix E, simulated IQ and Achievement data, $N=30$.
	t test.sav	SPSS, Excel	Appendix E, simulated depression data for t -test illustration, $N=40$.
	CBT 2way.sav	SPSS, Excel	Appendix E, simulated depression data to illustrate a 2-way ANOVA, $N=80$.