**Chapter 3: Structural Equation Modeling**

This archive contains the R code example for the SEM package and results.

**Contents**

READ ME.doc

This file.

Chapter 3 Appendix

Code and explanation for exercise and results

**R Code**

Examples.R

Code for importing data and estimating the models using sem package

Exercise 3.1.R

Actual R code for the exercise

**Vensim files**

Simple regression.mdl

Example of simple regression model shown in Figure 3.2

Simple regression.vdf

Vensim data file from simulation of model shown in Figure 3.2

Simple regression.tab

Tab delimited file of data from simulation of model shown in Figure 3.2 that can be imported into R.

Latent SEM model.mdl

Example of simple regression model shown in Figure 3.3

Latent.vdf

Vensim data file from simulation of model shown in Figure 3.3

Latent.tab

Tab delimited file of data from simulation of model shown in Figure 3.3 that can be imported into R.

Latent SEM feedback simultaneous.mdl

Example of simple regression model shown in Figure 3.4

Simultaneous.vdf

Vensim data file from simulation of model shown in Figure 3.4

Simultaneous.tab

Tab delimited file of data from simulation of model shown in Figure 3.4 that can be imported into R.