PART III

SPECIAL TOPICS

The following six chapters constitute Part III of this book. This part will complete our discussion of the single equation linear regression model begun in Part I and continued in Part II. Unlike Part II on violations of the basic assumptions of the linear regression model, the topics discussed in this part are "special" in that there is little commonality among them. The subjects discussed are: extensions of the classical linear regression model (varying coefficient models and pooling time series and cross-sectional data models); methods used in special data circumstances (multicollinearity, qualitative and censored dependent variables, and distributed lags); and uncertainty in model specification and selection (Box–Cox transformation and the generalized likelihood ratio method.)