## Contents

	List of Figures	xii
	List of Tables	xv
	Preface	xvii
	Acknowledgments	XX
	Example Data Sets	xxi
	About the Author	xxiii
1	Review of some Key Latent Variable Principles	1
2	Longitudinal Measurement Invariance	27
3	Structural Models for Comparing Dependent Means and Proportions	53
4	Fundamental Concepts of Stability and Change	91
5	Cross-Lagged Panel Models	122
6	Latent State-Trait Models	152
7	Linear Latent Growth Curve Models	171
8	Nonlinear Latent Growth Curve Models	216
9	Latent Difference Score Models	248
10	Latent Transition and Growth Mixture Models	264
11	Time Series Models	292
12	Survival Analysis Models	322
13	Missing Data and Attrition	344
	Appendix A: Notation	383
	Appendix B: A Primer on the Calculus of Change	390
	Glossary	394
	Index	402