

**Table 2**  
**Comparison of Longitudinal Models**

Statistical Model	Type of Change	Intraunit Variance in Change	Interunit Predictors	Error Structure	Handle Missing Data?	Different Measurement Occasions Across Observations?	Model Unreliability	True Nonlinear?	Simultaneous Change in X, M, and Y?
Repeated measures general linear model	Group average	No	Yes	Fixed	Not easily	No	No	No	No
Random coefficient modeling	Inter- & intraunit change	Yes	Yes	Free	Yes	Yes	No	Yes	No
Latent growth curve	Inter- & intraunit change	Yes	Yes	Free	Not easily	No	Yes	Not easily	Yes

*Note:* X = independent variable; M = mediating variable; Y = dependent variable.