

Modeling change: A gentle introduction to cross-lagged and latent growth curve approach: course materials

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Interpreting ICEPT to SLOPE associations

ICEPT is positively associated with SLOPE	SLOPE	
	Positive growth	Negative growth
	The higher the ICEPT, the higher the growth	The higher the ICEPT, the lower the negative growth
ICEPT is negatively associated with SLOPE	SLOPE	
	Positive growth	Negative growth
	The higher the ICEPT, the lower the growth	The higher the ICEPT, the higher the negative growth

Interpreting SLOPE to SLOPE associations when the correlation is POSITIVE

Growth in SLOPE X is positive	SLOPE Y	
	Positive growth	Negative growth
	The higher the growth in X, the higher the growth in Y	The higher the growth in X, the lower the negative growth in Y
Growth in SLOPE X is negative	SLOPE Y	
	Positive growth	Negative growth
	The higher the negative growth in X, the lower the growth in Y	The higher the negative growth in X, the higher the negative growth in SLOPE

Interpreting SLOPE to SLOPE associations when the correlation is NEGATIVE

Growth in SLOPE X is positive	SLOPE Y	
	Positive growth	Negative growth
	The higher the growth in X, the lower the growth in Y	The higher the growth in X, the higher the negative growth in Y
Growth in SLOPE X is negative	SLOPE Y	
	Positive growth	Negative growth
	The higher the negative growth in X, the higher the growth in Y	The higher the negative growth in X, the lower the negative growth in SLOPE