

LISREL NOTATION

Parameter Notation:

η = ETA: dependent latent variable.

ξ = KSI: independent latent variable.

Y = ETA indicator variable.

X = KSI indicator variable.

δ = DELTA: X error term.

ε = EPSILON: Y error term.

β = BETA: path from ETA to ETA variable.

γ = GAMMA: path from KSI variable to ETA variable.

$\lambda^{(y)}$ = LAMBDA-Y: path from ETA variable to Y variable.

$\lambda^{(x)}$ = LAMBDA-X: path from KSI variable to X variable.

Notation: Each parameter has two subscripts, the first being the index of the variable to which the path is going and the second being the index of the variable from which the path is coming. Thus BETA(2,1) (β_{21}) is the parameter associated with the path from ETA1 (η_1) to ETA2 (η_2).

Matrix Notation: (Each parameter may be collected into a respective matrix)

B = BETA

Γ = GAMMA

Λ_y = LAMBDA-Y

Λ_x = LAMBDA-X

	1	0	0	
	LX(2,1)	0	0	
	LX(3,1)	LX(3,2)	0	
e.g. $\Lambda_x =$	0	1	0	0 = non-existent path
	0	LX(5,2)	0	1 = fixed path
	0	0	1	LX(i,j) = estimated path
	0	0	LX(7,3)	

Φ = PHI: variances and covariances of the latent independent variables.

Ψ = PSI: variance of respective error terms.

Θ_ε = THETA-EPS: variance of respective error terms.

Θ_δ = THETA-DELTA: variance of respective error terms.

$\Theta_{\delta\varepsilon}$ = THETA-DELTA-EPS: covariances between measurement errors in X- and Y-variables.