Contents

yes#+TITLE: Structural Equation Modeling Organization

Table 1: SEM nomenclature conventions

name	upper case	lower case	usage
Lambda	Λ	λ	Loading of a manifest indicator onto a latent construct
Psi	Ψ	ψ	residual variance/covariance of contruct when endogenous
Phi	Φ	ϕ	residual variance/covariance of contruct when exogenous
Theta	Θ	θ	residual variance/covariance of indicators
Beta	B	β	estimated regression of one construct on another
Tau	T	τ	intercept (mean) of indicator when β is zero
Alpha	A	α	mean of a endogenous latent construct
Gamma	Γ	γ	estimatd regression when endogenous predicts exogenous construct
Sigma	Σ	σ	Σ is the model implied variance/covariance matrix;
			σ is standard deviation, σ^2 variance of indicator.
			σ can also be covariance of indicator