Monte Carlo Simulations (Y) $x_{t,\,i} = \theta_{11} x_{t-1,\,i} + \theta_{12} y_{t-1,\,i} + \mu_{x,\,i} + e_{1,\,i}$ $\mathbf{y_{t, i}} = \theta_{22} \mathbf{y_{t-1, i}} + \theta_{21} \mathbf{x_{t-1, i}} + \mu_{\mathbf{y, i}} + \mathbf{e_{2, i}}$ CLPM **CTSEM** 1.6 1.4 1.2 **Trait Variance (y)**9.1 True CLTrue AR True CLTrue AR **OLSFI RICLPM** 1.4 1.2 8.0 True CLTrue AR True CLTrue AR 0.0 0.5 1.0 0.0 0.5 1.0 **Parameter Estimate**