generalize to any number of circumplex scales

latent target variables

latent octant variables

two-parcel approach for octant indicators? helps fit and keeps covariance matrix smaller

can do odd parcel and even parcel or internal consistency stratification

fully latent SSM

does this increase power when reliability is low?

simulation to show when is the latent version an advantage?

simulation to compare delta method CIs and Bayesian CIs

generate sample directly rather than sampling from a generated population

always allow everything to correlate

can use bootstrapping within lavaan if delta method CIs and Bayesian CIs don’t work

can do mean-based and correlation-based model in the same lavaan model

multi-group SSM to compare parameters across groups using chi-square tests (using constraints)

parameterize flux and spin in a longitudinal MLM (via RE variances) with variance constraints – allowing variance to differ per persons and autoregression – possible in brms

Mike Roche has daily diary IIP data?

MSEM well-developed in Mplus – could use R for MplusAutomation

within and between correlation matrixes and then use SSM on each

hard to account for autoregression here, but could maybe detrend it

non-normal target variables -> REML or blavaan

using priors to improve the accuracy of the CIs