Basics Class Assignment

Create a diagram of a structural model.

Include the following:

* 2 latent variables
* 3 manifest/observed variables
* A covariance relationship (correlation)
* Directional relationships
* All endogenous variables should have error terms
* Estimate the *df* for your model
  + 4 regression paths
  + 6 error variances
  + 1 covariance
  + 2 latent variances
  + 13 estimated parameters
  + possible parameters = 6(6+1)/2 = 21
  + 21 – 13 = 8
* Include the markers (1s) that the model is identified
  + Is your model over, under, or just identified?
* Is your model recursive or non-recursive?

1

1

1

1

1

1

1

1