MGCFA Class Assignment

Using the RS14 dataset, program the different models of a multigroup analysis using ethnicity as the grouping variable.

Use race\_test as the variable:

* 1 = Black
* 2 = White

Be sure to first change the variable to a factor with labels.

Add partial invariance to your table if necessary.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Model | X2 (df) | RMSEA | SRMR | CFI | Change CFI | Different? |
| All Groups |  |  |  |  | n/a | n/a |
| White |  |  |  |  | n/a | n/a |
| Black |  |  |  |  | n/a | n/a |
| Configural  Invariance |  |  |  |  | n/a | n/a |
| Metric Invariance |  |  |  |  |  |  |
| Scalar Invariance |  |  |  |  |  |  |
| Strict Invariance |  |  |  |  |  |  |

What is the CFI you are trying to get to (i.e. CFI - .01)?

What questions would you freely estimate to get to partial invariance?

Interpret your findings – are the groups invariant? Did you see a break down between groups anywhere? What does that break down imply?