Multigroup Models

Clinical Sample/Ethnicity

Use race\_test

1 = Black

3 = White

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Model | X2 (df) | Change X2 (df) | RMSEA | CFI | Change CFI |
| All Groups |  |  |  |  |  |
| White |  |  |  |  |  |
| Black |  |  |  |  |  |
| Equal Form  Configural  Invariance |  |  |  |  |  |
| Metric Invariance |  |  |  |  |  |
| Scalar Invariance |  |  |  |  |  |
| Strict Invariance |  |  |  |  |  |
| Partial Invariance |  |  |  |  |  |

What is the CFI you are trying to get to?

How many points do you need to get there?

Partial Invariance

|  |  |  |  |
| --- | --- | --- | --- |
| Indicator | Change CFI | Indicator | Change CFI |
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Clinical Sample/Gender

Use sex for the variable.

1 = Male

2 = Female

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Model | X2 (df) | Change X2 (df) | RMSEA | CFI | Change CFI |
| All Groups |  |  |  |  |  |
| Female |  |  |  |  |  |
| Male |  |  |  |  |  |
| Equal Form  Configural  Invariance |  |  |  |  |  |
| Metric Invariance |  |  |  |  |  |
| Scalar Invariance |  |  |  |  |  |
| Strict Invariance |  |  |  |  |  |
| Partial Invariance |  |  |  |  |  |

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

What is the CFI you are trying to get to?

How many points do you need to get there?

Partial Invariance

|  |  |  |  |
| --- | --- | --- | --- |
| Indicator | Change CFI | Indicator | Change CFI |
|  |  |  |  |
|  |  |  |  |
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|  |  |  |  |

What questions are you going to “free up” to be able to see if you can get partial invariance?

Did you get partial invariance?

What does that mean (how would you interpret this finding)?