|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Model | X2 | Df | X2/df | RMSEA | CFI | TLI | NFI |
| 4-factor |  |  |  |  |  |  |  |
| 2-factor |  |  |  |  |  |  |  |
| 1-factor |  |  |  |  |  |  |  |
| ANY MODEL CHANGES |  |  |  |  |  |  |  |
| 2nd order model |  |  |  |  |  |  |  |
| Full SEM |  |  |  |  |  |  |  |
| ANY MODEL CHANGES |  |  |  |  |  |  |  |

Chi-Square Difference Test

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Model | Delta-X2 | Delta-df | Critical Score | Significant? |
| 4-factor to 2-factor |  |  |  |  |
| 4-factor to 1-factor |  |  |  |  |
| FULL SEM MODEL CHANGES |  |  |  |  |

Report Sample moments for bad questions (if there are any?)

Go back and add to the first table if you change / move / delete any questions because of modification indices.

List the skew and kurtosis values for a couple bad questions (if any).

List the multivariate normality score (is it normal?).

Are there outliers? How many?

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Estimate Label | Maximum Likelihood  Unstandardized Estimate | Maximum Likelihood  S.E. | Bayes Estimate | Bayes S.E. |
|  |  |  |  |  |
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Talk about Heywood cases…do you have any?

|  |  |
| --- | --- |
| Estimate Label | Squared Multiple Correlation |
|  |  |
|  |  |
|  |  |

Interpret your final model – what does it say about the relationship between these “intelligence” variables?