Hierarchical CFA Class Assignment

DASS – Depression, Anxiety, and Stress Scale

* Depression: Questions 3, 5, 10, 13, 16, 17, 21
* Anxiety: Questions 2, 4, 7, 9, 15, 19, 20
* Stress: 1, 6, 8, 11, 12, 14, 18

Program the following:

* Create a 3-factor model of the DASS.
* Create a 2nd order 3-factor model of the DASS.
* Create a bi-factor model of the DASS.

Include pictures of your models.

Put your fit indices into the table below.

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| --- | --- | --- | --- | --- | --- | --- | --- |
| Model | X2 | *df* | RMSEA  90% CI  p value | SRMR | CFI | TLI | AIC |
| 3-factor model |  |  |  |  |  |  |  |
| 2nd order 3-factor model |  |  |  |  |  |  |  |
| Bi-factor model |  |  |  |  |  |  |  |

Look at model fit and parameter estimates for the following questions:

* Which model appears to fit the DASS structure the best?
* Are the correlations high in the first order model? Does it support a second order model?
* Are the questions loading onto their factors appropriately?
  + First order:
  + Second order:
  + Bi-factor:
    - Domain specific:
    - General:
    - Does this support using a bifactor model?