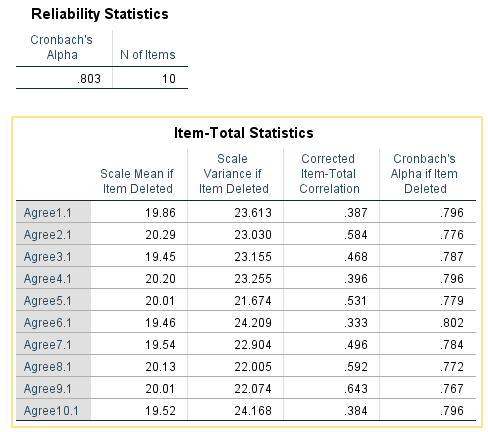
**Classical Test Theory Assignment**

Note on completion of this assignment: As we discussed, my initial submission was intended for last semester’s class. This version I am now submitting is the correct assignment, however I utilized the syntax provided by the professor. I did examine the syntax so that I have a full understanding of how it is constructed and why, and I also revisited my notes to understand point-and-click procedures. However, because this is being submitted for partial grade credit, I felt it appropriate to make the process explicit.

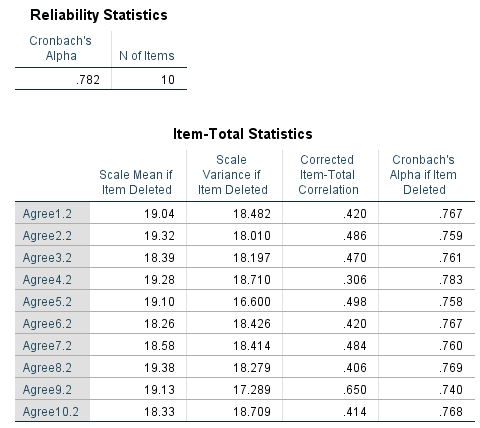
1. *Internal consistency and b. Suggested item-level improvements*

Time 1 internal consistency as expressed by Cronbach’s Alpha is high, measuring .803:



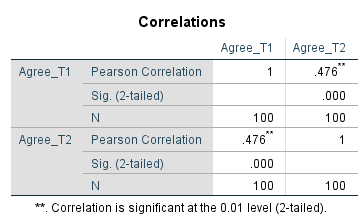
For Time 1, internal consistency as measured by Cronbach’s Alpha would not be improved by removing any of the items.

Time 2 internal consistency as expressed by Cronbach’s Alpha is adequate, measuring .782:



For Time 2, internal consistency as measured by Cronbach’s Alpha would be improved by removing item Agree4.2.

1. *What is the test-retest reliability of the measure?*



Test-retest reliability measured as 0 .476. This is inadequate, because it is below our benchmark of 0.7.

1. *95% Confidence Intervals*

What is the 95% confidence interval for any score X obtained at Time 1?

Syntax utilized: 

Confidence interval for a given score in Time 1 is +/- 0.25

What is the 5% confidence interval for any score X obtained at Time 2?

Syntax utilized: 

Confidence interval for a given score in Time 1 is +/- 0.27