Request #: 513 - HDFS - Dissertation

Exploring Turkish American Fathers

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Background

I'm doing a path analysis for the data I collected for my dissertation. I think from watching tutorials online I have grasped the information I need, but I'd like to make sure I have correct information prior to writing results and discussion sections of my dissertation. I'd like to have clarification on the assumptions prior to the analyses and the step by step analysis as well.

Sample

I have 4 main variables, Father involvement, Gate closing, Gate opening, and Competency. I also have collected data on different scales, such as religiosity, traditional marriage, traditional values, and fatherhood role, which I want to include in the analysis if possible. My main goal is to find whether the path I created fits to my data as I hypothesized. I have 253 submissions in total, and I cleared the data from those submissions. I have a sample size of 106 with no missing data.

Hypothesis

All possible correlations. Positive correlation between Father involvement and Competence. Negative correlation between Father involvement and Gate Closing. Positive correlation between Gate Opening and Father involvement. Negative correlation between gate closing and gate opening. Positive correlation between Gate opening and Competence. For path analysis, first I draw a path starting with competence to gate closing to father involvement. For the second model I replaced gate closing with gate opening.

Progress

I have run all the analysis, and would like to get a confirmation of whether I have done it correctly or not as I don't have prior experience using such analysis before. Checked normality, run the path I specified, checked all the correlations.

Request

After checking the results, I'd also like help interpreting the results.

Timeline

I'd like a feedback as soon as possible as I'm going to submit my first draft of the results section by this Sunday. If we can't meet prior to that deadline, I'd still like to meet.