

CONFIRMATORY FACTOR ANALYSIS USING AMOS, LISREL, AND MPLUS

This document summarizes confirmatory factor analysis and illustrates how to estimate individual models using Amos 7.0, LISREL 8.8, and Mplus 5.1.

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1. INTRODUCTION

1.1. FACTOR ANALYSIS AND LATENT VARIABLES

Factor analysis is a common statistical method used to find a small set of unobserved variables (also called latent variables, or factors) which can account for the covariance among a larger set of observed variables (also called manifest variables). For example, scores on multiple tests may be indicators of intelligence (Spearman, 1904), political

Confirmatory Factor Analysis Using Amos Lisrel Mplus

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