BOOK REVIEW
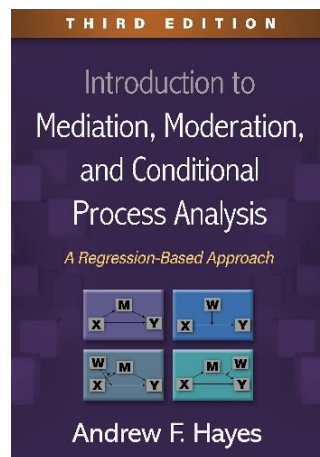
Introduction to

MEDIATION, MODERATION,

AND CONDITIONAL PROCESS ANALYSIS

A Regression-Based Approach

3rd Edition

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Reviewed by: Supa Tongkong[1]

This book is essential if one wants to do academic research in the field of social sciences, specifically methodology in the social sciences to address the burning research questions: "How?", "In what way?", "By which path way?", and "Under which circumstances?". A topic, "Introduction to Mediation, Moderation, and Conditional Process Analysis: A Regression Based Approach", is quite interesting in two folds. Firstly, these kinds of questions require accurate applications of mediation and moderation analysis principles. The second is the software called PROCESS and now the R version of PROCESS for testing these kinds of questions are free and user-friendly tool for SPSS, and SAS. This book is a useful tool for beginners to intermediate and advanced researchers. It is also useful for self-study and a good basis for graduate students' advanced studies. In my opinion, it is well written and easy to read. This book used diverse examples from published studies, interpretations and technical details to make it easy to understand and follow.

This book is divided into five parts, covering 14 chapters. The first part is fundamental, containing chapter 1 and 2: introduction to the concepts in mediation and moderation analysis, and

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fundamental of linear regression analysis to overview ordinary least squares regression analysis. The second part focuses exclusively on mediation analysis, containing chapter 3 to chapter 6. These included the estimation and interpretation of direct and indirect effects, covered simple path analysis of a three variable casual system, models with multiple independent or dependent variables, model with multiple mediators both parallel and serial multiple mediators, and the mediation analysis when independent variable is a multicategory variable. The third part presents the moderation analysis which included 4 chapters, chapter 7 to chapter 10. The contents covered introduction to moderated multiple regression model, the model interpretation, how PROCESS can be applied to make the task easier than the past, and a moderation analysis for models with more than one moderator. The fourth part contains 3 chapters, chapter 11-13, concentrates on conditional Process analysis: fundamental and examples of conditional Process analysis, and conditional Process analysis with a multicategory antecedent. And the last part of the book has only one chapter, chapter 14, it addresses various miscellaneous issues and questions and the author's brief response to each. In addition, this book also provided valuable appendices of how to use PROCESS and an important feature in PROCESS that allows readers to construct their own models.