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## Introduction to Mediation, Moderation, and Conditional Process Analysis THIRD EDITION

*A Regression-Based Approach*

**Andrew F. Hayes**

“A very nice book that is readable enough for the intermediate statistics user but with enough technical detail to appeal to advanced users as well....This book would make an excellent textbook for an advanced graduate-level multiple regression course, or just a great resource for the interested reader.”

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— **Michael D. Broda, PhD**, School of Education, Virginia Commonwealth University

“I have used this text for several years in my graduate-level statistics classes. It makes the teaching of mediation and moderation much easier, and the associated PROCESS code makes conducting these analyses much less tedious. Colleagues have found this book and PROCESS very helpful in their research endeavors, and several of my students have used

PROCESS in their theses and dissertations. The third edition has all of the things I liked about the earlier editions, plus some nice new stuff—the inclusion of R code will be helpful to those who do not have access to SAS or SPSS, and I especially enjoyed the more detailed discussion of unstandardized, standardized, and partially standardized coefficients. I recommend this book without reservation.”

— **Karl L. Wuensch, PhD**, Department of Psychology, East Carolina University

**Acclaimed for its thorough presentation of mediation, moderation, and conditional process analysis, this book has been updated to reflect the latest developments in PROCESS for SPSS, SAS, and, new to this edition, R.** Using the principles of ordinary least squares regression, Andrew F. Hayes illustrates each step in an analysis using diverse examples from published studies, and displays SPSS, SAS, and R code for each example. Procedures are outlined for estimating and interpreting direct, indirect, and conditional effects; probing and visualizing interactions; testing hypotheses about the moderation of mechanisms; and reporting different types of analyses. Readers gain an understanding of the link between statistics and causality, as well as what the data are telling them. The companion website ([www.afhayes.com](http://www.afhayes.com)) provides data for all the examples, plus the free PROCESS download.

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