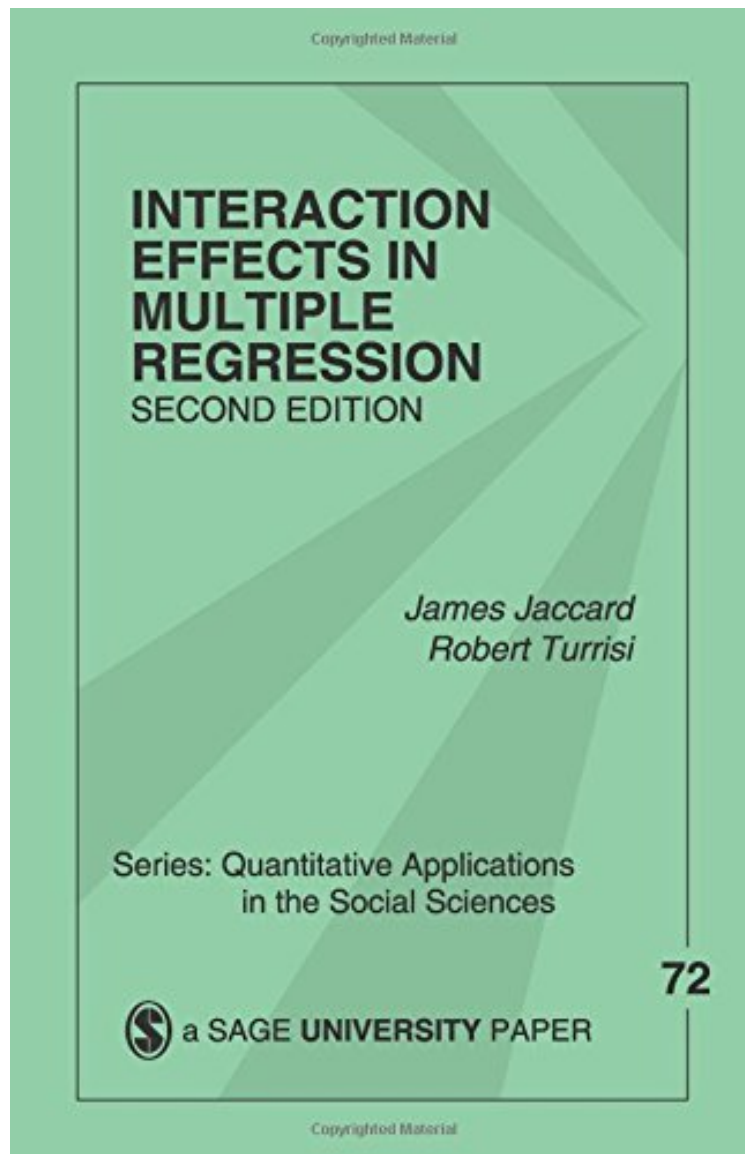


(Download free ebook) Interaction Effects in Multiple Regression (Quantitative Applications in the Social Sciences)

Interaction Effects in Multiple Regression (Quantitative Applications in the Social Sciences)

James J. Jaccard, Robert Turrisi
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James J. Jaccard, Robert Turrisi : Interaction Effects in Multiple Regression (Quantitative Applications in the Social Sciences) before purchasing it in order to gage whether or not it would be worth my time, and all praised Interaction Effects in Multiple Regression (Quantitative Applications in the Social Sciences):

30 of 30 people found the following review helpful. Excellent overview of interactions in regression (updated 2009, 2010, 2013) By A. Tiwana This is a very nice updated version of the original edition. The book is short at 89 pages, information packed, and solidly grounded. The book is meant for people who *use* interaction effects in their research. (It is not meant for people who study regression methods.) **STRONG POINTS:** It references the key developments in the methodological literature, the most significant of which appeared in Psychological Bulletin. It even discusses in layman terms Chronbach's (of the Chronbach Alpha fame) recent paper in Psych Bulletin on errors in interactions. **SCOPE:** The book covers two-way and three-way interactions. It offers a digestible discussion of variable transformations. The authors clarify two of the biggest misperceptions about testing interactions: (1) It is incorrect to interpret the main effects in the presence of interaction terms and (2) Multicollinearity is rarely a problem with interaction terms if you appropriately transform the variables. **WHAT THE BOOK DOES NOT COVER:** The book does not discuss (1) mediation testing and (2) is missing a key reference on that topic. If you're reading this, it will probably be helpful! [1] R. Baron and D. Kenny, "The Moderator-Mediator Variable Distinction in Social Psychological Research: Conceptual, Strategic, and Statistical Considerations," Journal of Personality and Social Psychology, 51 1986, 1173-1182. Overall, the book is very well written, readable, and usable in doing interaction analyses. It is meant for the consumer not the producer of statistical methods. SPSS exemplars and detailed interpretations really help clarify the points. For fifteen bucks, this is worth owning, dog-earring, and highlighting. Very highly recommended. Feb 2009 follow-up to my 2004 review:-----The first author of the book has also developed a software tool that adds a lot of the functionality discussed in this book to SPSS. SPSS requires several manual steps including centering to do interactions. (Search for Zumastat using your usual search engine.) Be warned that such convenience does not come cheap! It is a two hundred dollar software add-on but it works very well. I'd buy it again in a heartbeat. August 2010 update - Discussion on hierarchically well-formulated models:-----This book also directly addresses the question of what product terms need to be included if only a few possible interactions are theoretically hypothesized. The jury is divided, with one camp arguing that only the hypothesized terms need inclusion, and the other camp arguing that all possible product terms (for that order) must be included. This book is in the second camp, where the authors lay out the rationale for formulating what they call a hierarchically well formulated (HWF) model. If you're reading this, the discussion appears on page 65. (I have trudged through Aiken and West but have not found an explicit discussion of this issue there.) May 2013 Update - Combining Mediation and Moderation in the same Model-----Another new green Sage paperback that explicitly discussed some mediated-moderation and moderated-mediation ideas has appeared in print (Mediation Analysis by Dawn Iacobucci). I've found it to be a nice complement to this book. (A no-referral link appears below.) <http://www.com/Mediation-Analysis-Quantitative-Applications-Sciences/dp/141292569X0> of 0 people found the following review helpful. Five Stars By Customer Very helpful and easy to read/understand booklet. 0 of 0 people found the following review helpful. Five Stars By Abbas Aboo Hamid great experience!

Interaction Effects in Multiple Regression has provided students and researchers with a readable and practical introduction to conducting analyses of interaction effects in the context of multiple regression. The new addition will expand the coverage on the analysis of three way interactions in multiple regression analysis. Learn more about "The Little Green Book" - QASS Series! [Click Here](#)

About the Author James Jaccard is currently Professor of Social Work; Associate Dean for Research; Co-director, Center for Latino Adolescent and Family Health in the NYU Silver School of Social Work. He received his doctoral degree from the University of Illinois in 1976 and is the director of the Institute for Child Health and Development at Florida International University in Miami. He previously was a distinguished research professor at the State University of New York in Albany, where he was in both the department of psychology and the School of Social Welfare. Dr. Jaccard was trained as a social-developmental scientist with specialties in attitude change and decision making, particularly as applied to young adolescents. Dr. Jaccard's research focuses on adolescent problem behaviors related to unintended pregnancy and substance use. He has developed programs for parents of adolescents to teach parents how to more effectively communicate and parent their children so as to reduce the risk of unintended pregnancies and problems due to substance use. He was involved in the seminal work on the influential Theory of Reasoned Action and has developed several effective parent-based interventions to prevent adolescent risk behaviors. Dr. Jaccard was one of the designers of the National Longitudinal Study of Adolescent Health (Add Health), which interviewed over 20,000 adolescents and their mothers in a multi-wave wave panel design. Add Health is one of the largest and most influential secondary data bases on adolescent health in the United States. Dr. Jaccard also has an extensive background in psychometrics and statistical methods. He has written numerous books and articles on the analysis of interaction effects in a wide range of statistical models, and teaches advanced graduate courses on structural equation modeling. He is currently developing a general framework for statistical analysis that eschews p values and focuses instead on magnitude estimation and margins of error. He is on the editorial board of the Journal of the Society for Social Work

and reviews quantitative applications to social work research for the journal. Finally, Dr. Jaccard has written about theory construction and how to build conceptual models. He recently completed a book with Professor Jacob Jacoby that gives social scientists practical, hands-on approaches for generating ideas and translating them into coherent theories.