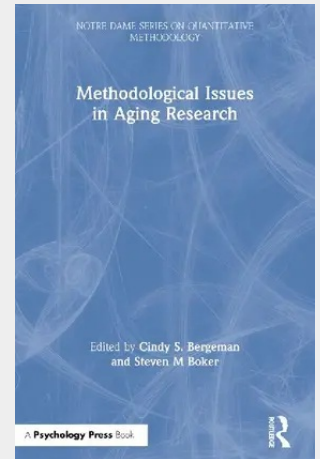


Methodological Issues in Aging Research

Methodological Issues in Aging Research is the first volume in the "Notre Dame Series on Quantitative Methodology." This new series provides practical training on the latest quantitative methods used in social and behavioral research. Each volume features contributions from leading experts in state-of-the-art techniques applicable to a selected substantive topic. The first series volume provides researchers with innovative techniques for the collection and analyses of data focusing on aging and lifespan development. The book addresses such techniques as structural equation modeling, latent class analysis, hierarchical linear growth curve modeling, dynamical systems analysis, multivariate Rasch models, survival analysis, multilevel modeling, and quantitative genetic methods. These new techniques provide: - better estimates of the direct effect of environmental or treatment effects and the dynamic pattern of genetic and environmental influences on adult development - more precise predictions of outcomes which in turn increase the diagnostic power of test instruments - the potential for developing new treatments that take advantage of the intrinsic dynamics of the course of a disease or age-related change to enhance treatment. Methodological Issues in Aging Research appeals to advanced students and researchers in lifespan development, gerontology, health psychology, and other fields related to human development. It can be used as a main or supplemental text for advanced courses related to developmental research methods.

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