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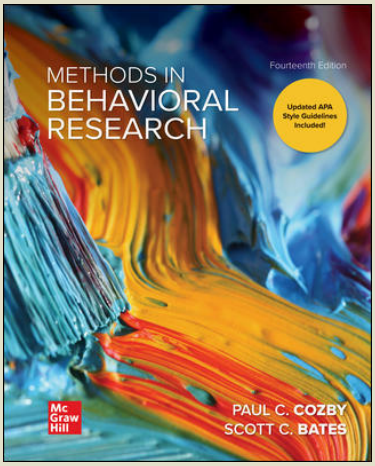
List of Changes



Methods in Behavioral Research

14th Edition

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Methods in Behavioral Research featuring updates from the Publication Manual of the American Psychological Association (7th ed.) guides students toward success by helping them study smarter and more efficiently. In the fourteenth edition, we strive for an accessible presentation and continue looking for opportunities to drive home foundational concepts and reinforce students' understanding of the material. We have reimagined end-of-chapter content. We chose concepts that students have traditionally found most challenging and designed exercises that ask them to reflect, recall, and organize the material. We have also aligned the fourteenth edition with the newly released the Publication Manual of the American Psychological Association (7th ed.). Focused organization combined with clear and direct writing remains a hallmark of Methods in Behavioral Research. Chapters follow the arc of a research investigation from planning through conducting and presenting.

SEE LIST OF CHANGES ATTACHED.

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Changes to Cozby, Methods in Behavioral Research, 14e

Chapter 1

- Added discussion on the importance of becoming a savvy consumer of research.
- Added discussion of risky outcomes that result from researcher overreach.
- Critical Thinking: Read editorials from large national newspapers and evaluate for intuition, appeals to authority, and supporting evidence. Consider both sides of two arguments about major assertions about behavioral research studies as a discipline. Sift through data presented in an online article about eating disorders to identify cause and effect and explanation.

Chapter 2

- New discussion added to "Source of Ideas" offers clues to where one might find inspiration for a new research study.
- Added example of how practical problems in everyday life can stimulate research studies.
- New analysis of biases toward rap music within the framework of diversity of ideas.
- Refined discussion of literature reviews, where to find them and how to use them.
- New example of a recent theory article about suicide.
- New example of an article search using Web of Science.
- New Critical Thinking box: Review four different articles related to behavioral science that have recently appeared in the popular press including stress in teens and happy memories as health boosters.

Chapter 3

- Added emphasis on the exempt review of minimal risk research.
- Deeper discussion of the functions of an IRB.
- New Critical Thinking box: Consider the ethics behind three controversial research studies including Milgram. Read your college's student code of conduct and consider ways to improve upon the plagiarism section.

Chapter 4

- A fourth validity added: statistical validity.
- New Critical Thinking box: Review operational definitions and why they are important. Work through the components of research including hypothesis (both experimental and nonexperimental method) variable, cause and effect.

Chapter 5

- New study added to illustrative article on measurement concepts that aimed to reduce bias in STET ratings by adjusting language on the form.
- New Critical Thinking box: Review two personality assessments to determine their reliability and consider ways to assess construct validity.

Chapter 6

- New Critical Thinking box: Develop a research question that can best be used addressed through qualitative techniques. Locate and summarize two reviews of a recent book about Henry Molaison by his grandson.

Chapter 7

- Updated Figure 1 includes new data on annual prevalence of teenage marijuana use.
- Section of nonverbal scales has been expanded to include adult populations.
- Explanation of recently developed *Prime Panels* a recruiting tool for unique samples.
- New Critical Thinking box: Work through a survey from evaluating the questions to analyzing the results. Briefly plan an online survey with an adult population regarding family, professional, and life satisfaction.

Changes to Cozby, Methods in Behavioral Research, 14e

Chapter 8

- New Critical Thinking box: Review two different experimental designs and share ideas for how they could be improved or how specific problems could be addressed.

Chapter 9

- Refined discussion on quantifying observed behaviors.
- New illustrative article: "Conducting Experiments."
- New Critical Thinking box: Consider sample scenario in a pilot study and work through questions about the manipulations, variables, controls, and outcomes.

Chapter 10

- Revised illustrative article: "Complex Experimental Designs."
- New Critical Thinking Box: Work through a 2 x2 with independent groups and consider the effects as variables are adjusted. In a second experiment, identify the design, variables, conditions and possible interactions.

Chapter 11

- New illustrative article: "A Longitudinal Study."
- New Critical Thinking box: Look for problems and explain outcomes in five different sample research scenarios.

Chapter 12

- New Critical Thinking box: Create your own sample by asking students on campus to ask a question about the courses they are taking. Think of three variables that use a nominal scale.

Chapter 13

- Added discussion on choosing a sample size.
- New Critical Thinking box: Plan parts of a research design. Analyze research on attitudes toward individuals in wheelchairs.

Chapter 14

- Added an in-depth note on the Open Science initiative and the replication crisis in psychology
- New Critical Thinking box: Think through a sample of college students and consider what makes it a unique population.