

Single-wave longitudinal non-experimental

• Researchers measured attitudes towards violence among a group of people at one time point and then reassessed them 10 years later to see who committed a violent offence after the initial measurement of attitudes towards violence. Those who committed a violent offence during the follow-up period had more proviolence attitudes at the time of the initial assessment than did those who did not commit a violent offence during the follow-up period (the result had a medium effect size and was statistically significant).

1. Which of the following was demonstrated?

- Attitudes towards violence were **associated** with violent offending in the study
- b.Attitudes towards violence were a **predictor** of violent offending in the study
- Attitudes towards violence were a **cause** of violent offending in the study
- d.None of the above

2. Which of the following are plausible interpretations?

- A. Attitudes towards violence influenced violent offending
- Lower towards violence attitudes towards violence
- Something else influenced both attitudes towards violence and violent offending
- d. Attitudes towards violence did **not** influence violent offending
 - None of the above

Associated

Predictor

Cause

3. Which of the following implications follow logically?

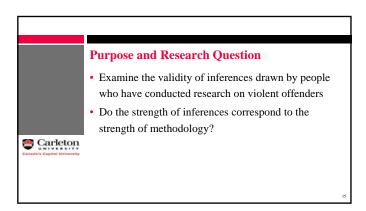
- **\(\lambda \)**. More rigorous research should be done
- b. Important to consider ATV when estimating risk for violent offending
- c. Important to consider ATV for violent offender management
 - Change in ATV can be expected to predict change in the likelihood of violent offending
- Change in ATV can be expected to lead to change in the likelihood of violent offending
- Important to target ATV in treatment programs
- Targeting ATV can be expected to reduce likelihood of violent offending
 - . None of the above

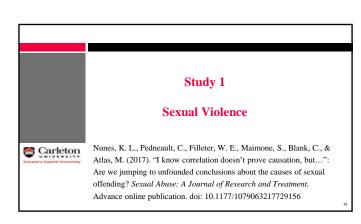
More Rigorous Designs Permit Stronger Conclusions

- Description of a case or sample, but no comparisons or associations examined
- Cross-sectional/retrospective non-experimental
- Single wave longitudinal non-experimental
- Multi-wave (the factor was assessed at two or more time points) longitudinal non-experimental
- Randomized experiment

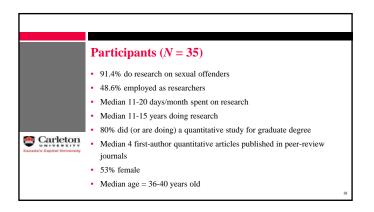
Weakest inferences Description of a case or sample, but no comparisons or associations examined Cross-sectional/retrospective non-experimental Single wave longitudinal non-experimental Multi-wave (the factor was assessed at two or more time points) longitudinal non-experimental Randomized experiment

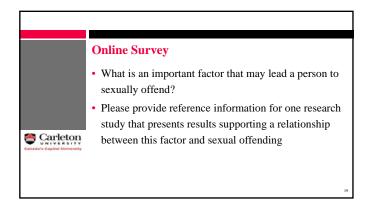


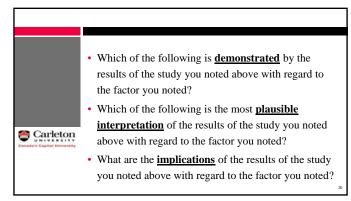






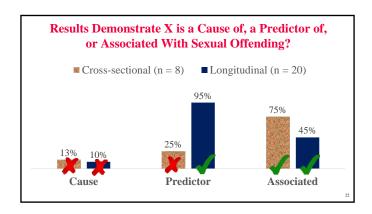


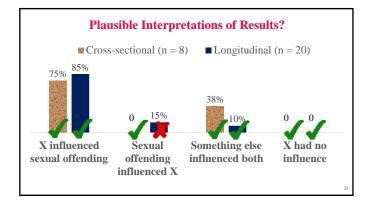


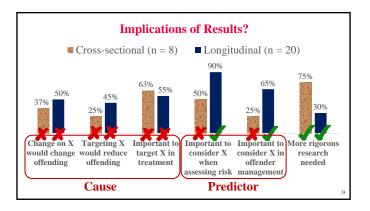


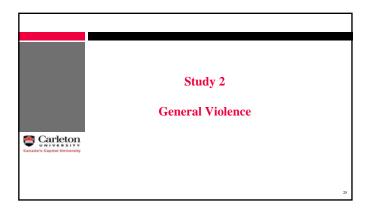
Coding of Research Design Used to Test the Relationship Between the Factor and Sexual Offending

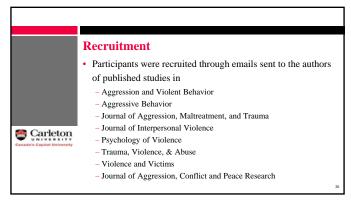
- Description of a case or sample, but no relevant comparison group and no association actually examined between relevant variables (n = 2)
- Cross-sectional/retrospective non-experimental (n = 8)
- Single-wave longitudinal non-experimental (n = 20)
- Multi-wave longitudinal non-experimental (n = 1)
- Randomized experiment (n = 0)
- No relevant original empirical results (n = 4)
- Kappa = .88 (16 cases)







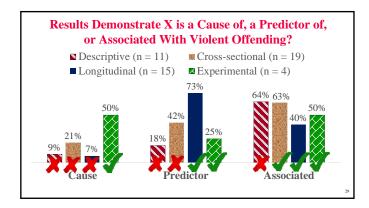


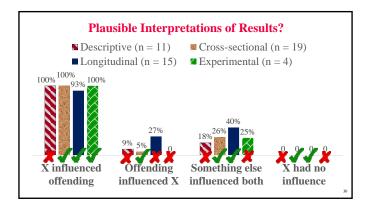


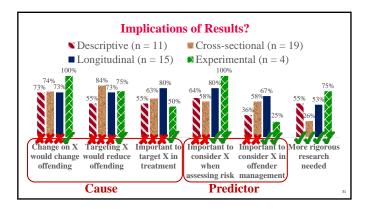
Participants (N = 49) 82% do research on violent offenders 50% employed as researchers Median 11-20 days/month spent on research Median 11-15 years doing research 83% did (or are doing) a quantitative study for graduate degree Median 10 first-author quantitative articles published in peer-review journals 60% female Median age = 41-45 years old

Coding of Research Design Used to Test the Relationship Between the Factor and Violent Offending

- Description of a case or sample, but no relevant comparison group and no association actually examined between relevant variables (n = 11)
- Cross-sectional/retrospective non-experimental (n = 19)
- Single-wave longitudinal non-experimental (n = 15)
- Multi-wave longitudinal non-experimental (n = 0)
- Randomized experiment (*n* = 4)
- Kappa = .76 (17 cases)

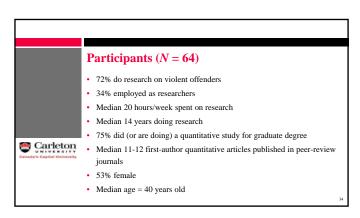


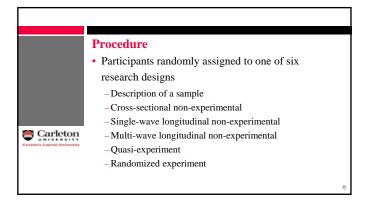


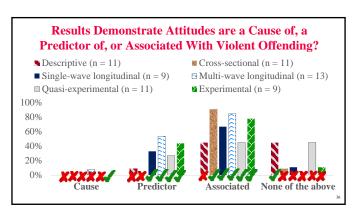


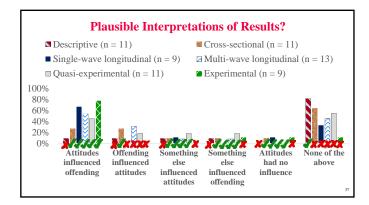


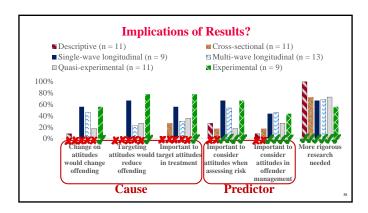


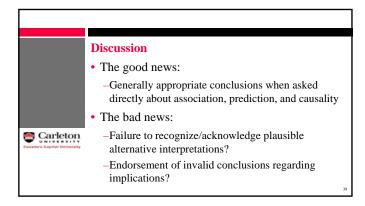


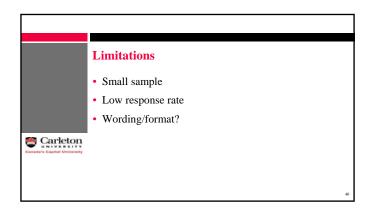






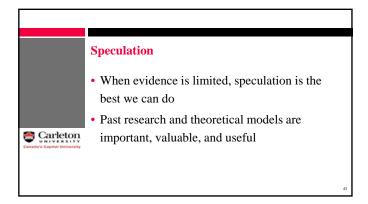


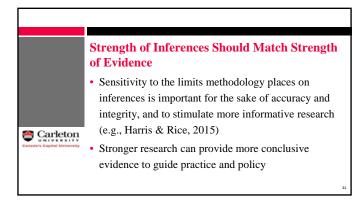


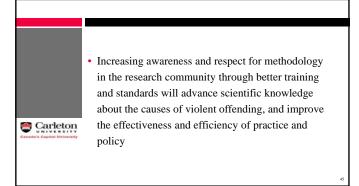
















Suggested Readings

Harris, G. T., & Rice, M. E. (2015). Progress in violence risk assessment and communication: Hypothesis versus evidence. *Behavioral Sciences and the Law, 33*, 128-145.

Kahneman, D. (2011). Thinking, fast and slow. New York, USA: Macmillan.

Nunes, K. L., Pedneault, C., Filleter, W. E., Maimone, S., Blank, C., & Atlas, M. (2017).
"I know correlation doesn't prove causation, but...": Are we jumping to unfounded conclusions about the causes of sexual offending? Sexual Abuse: A Journal of Research and Treatment. Advance online publication.

Shadish, W. R., Cook. T. D., & Campbell, D. T. (2002). Experimental and quasiexperimental designs for generalized causal inference. Belmont, CA: Wadsworth.