Psyc 109
Research Methods

Day 11: Tuesday Feb 20

Writing abstract—compared to before?

A. Much, much easier
B. Quite a bit easier
C. A little easier
D. Harder
E. MUCH harder
Plan for the day

- Research design: measurement
- Writing: STYLE but also format
  - Issues du jour
  - Manuscript v. document format
  - Headers & seriation
- Next assignments—heads up

Up Next

- Quiz: CHANGE IN SYLLABUS. Now half as often, worth 10 points each
- Writing Assignment
  Set 5, Feb 27: All in Zotero
  - More details in class on Thursday
  - PLAN AHEAD
  - Zotero and Microsoft™ Word are required.
Bibliography (10 sources)

A. They're all GREAT
B. They're mostly great
C. They're pretty good
D. A mixed bag
E. A dog's breakfast

Research Process (Fig 1.2)

WRITE DOWN: what are they?
OPERATIONALIZATION: How are they best measured?
- Physiological
- Self-report
- Observable behavior
Measurement

Adequate existing instrument or technique?

Yes 😊 USE IT!

No 😞

Test reliability/validity

Use measure

Develop your own instrument
Some risks, validity issues, but can be a big pay-off

Control & Variability: Precision

Construct Measurement

😊

Sad face

😊

Smiling face

Construct Measurement
Example of bias?

Prolonged Exposure Versus Eye Movement Desensitization and Reprocessing (EMDR) for PTSD Rape Victims

Barbara Olasov Rothbaum,1,3 Millie C. Astin,1 and Fred Marsteller2

This controlled study evaluated the relative efficacy of Prolonged Exposure (PE) and Eye Movement Desensitization and Reprocessing (EMDR) compared to a no-treatment waitlist control (WAIT) in the treatment of PTSD in adult female rape victims (n = 74). Improvement in PTSD as assessed by blind independent assessors, depression, dissociation, and state anxiety was significantly greater in both the PE and EMDR group than the WAIT group (n = 20 completers per group). PE and EMDR did not differ significantly for change from baseline to either posttreatment or 6-month follow-up measurement for any quantitative scale.

APA Style:

bias

- Use labels that people prefer
  - gay men and lesbians not homosexuals

- Avoid using problematic terms
  - raters were unaware of experimental condition not raters were blind to condition

- Avoid gendered pronouns, heteronormative assumptions

- Adjectives as descriptors, not labels
  - elderly participants not the elderly
APA Style & Format in 200-level courses

APA Style (and Format):
Headers: 5 levels

<table>
<thead>
<tr>
<th>APA Headings</th>
<th>Format</th>
</tr>
</thead>
<tbody>
<tr>
<td>Level 1</td>
<td>Centered, Boldface, Uppercase and Lowercase Headings</td>
</tr>
<tr>
<td>Level 2</td>
<td>Left-aligned, Boldface, Uppercase and Lowercase Heading</td>
</tr>
<tr>
<td>Level 3</td>
<td>Indented, boldface, lowercase heading with a period. Begin body text after the period.</td>
</tr>
<tr>
<td>Level 4</td>
<td>Indented, boldface, italicized, lowercase heading with a period. Begin body text after the period.</td>
</tr>
<tr>
<td>Level 5</td>
<td>Indented, italicized, lowercase heading with a period. Begin body text after the period.</td>
</tr>
</tbody>
</table>
APA Style (and Format): Seriation

- Steps or Sequential Ordering
  - Number: Opening sentence, indented list, numbers
  - Lower-case letters: enclosed in parenthesis, paragraph format.
- Bullets: non-sequential or non-hierarchical list

Assignment
EMDR Literature Review

- Zotero
  - Shared folder: UTF and psyc109@uvm.edu
  - Articles, assignment, rubric: all available
  - Completed Assignment: Create document-type item, and upload your assignment as attachment
    - MUST be in Microsoft Word (template = optional)
    - MUST use Zotero for in-line citations & references
    - MUST submit by uploading to Zotero
Use a template!

Zotero to share

- Create a Group Library
  - Name: PSYC109 & Last Name
    - PSYC109Rudiger
  - Private Membership
  - Set Library Reading to Any Group Member
  - Make sure you do NOT set the radio button at No Group File Storage.
Zotero to share

- Private Membership
- Set Library Reading to Any Group Member
- Make sure you do NOT set the radio button at No Group File Storage.

Zotero to share

- Invite your UTF and PSYC109 to share it
- Put all items relevant to assignments in it
  - Sub-folders
  - Tags

Member Invitations

No pending invitations.

Send More Invitations