



- Large, quantitative datasets with information on IPV behaviors and attitudes
 - DHS, VACS, IMAGES, MICS, etc.
- Growing number of studies aggregate measure of attitudes at some group level
 - Used as a proxy for social norms in that groups
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GAPS IN METHODOLOGY

- However, there is a lack of consistency in how these measures are constructed and interrogated
 - Namely, is the norm proxy a valid representation of a construct that is under normative influence

Researchers should be asking:

- Is the norm proxy clustered within groups?
- Are there other more appropriate/valid configurations of groups for that norm proxy?
- Does the analysis account for endogeneity/allow for assertions about causality?

INTRACLASS CORRELATION COEFFICIENT (ICC)

- Statistic that provides information about how much units within groups resemble each other compared to how much units within groups are similar
- Assumes a value from 0 to 1
- Higher ICC units within groups tend to look more similar
- Examples:
 - Looking at religion across communities in Nigeria- high ICC
 - Looking at gender across communities in Nigeria- low ICC

ICC ACROSS GROUPS CONFIGURATIONS

Table 3. ICCs, attitude score

	ICC	Number of groups	Avg. obs/group	Minimum obs/group
Attitude score				
Village	0.166	56	36	36
Village for females only	0.162	56	18	18
Village for males only	0.229	56	18	18
Ethnicity	0.112	13	155	36
Ethnicity for females only	0.108	13	78	16
Ethnicity for males only	0.129	13	78	19
Age and sex	0.005	14	144	62

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Age and sex	0.005	14	144	62
Village and marital status	0.167	112	18	9
Village and marital status for female only	0.150	112	9	1
Village and marital status for male only	0.236	112	9	2

EXAMINING GROUP SIZE AND NUMBER

- Ensure sufficient number and size of groups

Table 3. ICCs, attitude score

	ICC	Number of groups	T6	T6 -68.25	T6 -64.125	T6 -64.125

ASSOCIATIONS WITH ACTUAL NORMS QUESTIONS

- Do the group-level proxies predict actual perceived norms?
 - Helps to answer the questions:
 - When a woman answers norms questions, whose behavior/attitudes is she thinking about?
 - Same for men

ASSOCIATIONS WITH ACTUAL NORMS QUESTIONS

- Find that women's norms questions are not positively associated with group-level aggregates for any groups
- Men's norms are most associated with men's attitudes in the community and community/marital status
 - And slightly stronger association with injunctive norms as opposed to descriptive norms
 - Points to importance of collecting and using data from men

TAKEAWAYS AND LIMITATIONS

- Importance of collecting and using data from men
- Outline a set of steps that can and should be taken when including norm proxies in analysis
- Further research needed to identify ICC threshold

