Patterns of Women's Exposure to Psychological Violence: A Global Examination of Low- and Middle-Income Countries

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PV harmful to health and well-being

SDG 5.2.1 generates an urgency to understand women's experience of PV

Prior exploratory research identified several subgroups of women who experience IPV

Pie chart showing distribution:
- Now-Low: 90%
- Moderate: 7%
- High: 3%
# Objective & Methods

## 01 Identify most common pattern of women’s experiences of psychological aggression in six WHO regions

- Latent class analysis

## 02 Examine whether this pattern is similar across countries within regions and cross regionally

- Measurement invariance testing

### Methods

<table>
<thead>
<tr>
<th>1-4 classes</th>
<th>Chi-Sq Diff Test</th>
</tr>
</thead>
<tbody>
<tr>
<td>SABIC, CAIC</td>
<td>Parsimony &amp; Interpretability</td>
</tr>
<tr>
<td>Homogeneity &amp; Discrimination</td>
<td>PV only, + Physical and Sexual IPV</td>
</tr>
</tbody>
</table>

### Similarity Measures

- Configural similarity
- Threshold similarity
- Distributional similarity
Data

DHS
47 countries
306,101

WHO
6 countries
13,452
DHS

WHO
<table>
<thead>
<tr>
<th>DHS</th>
<th>Poor Discrimination (Odds Ratios between 0.2 and 5.0)</th>
<th>Poor Homogeneity (Conditional Probabilities between 0.3 and 0.7)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Psychological violence Only</td>
<td></td>
</tr>
<tr>
<td>Low vs. Low</td>
<td>Low vs. Moderate, Low vs. High, Moderate vs.</td>
<td></td>
</tr>
<tr>
<td>Moderate</td>
<td>High, Low vs. Moderate</td>
<td></td>
</tr>
<tr>
<td>Average %</td>
<td>4%</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5%</td>
<td></td>
</tr>
<tr>
<td>Average PV %</td>
<td>6%</td>
<td></td>
</tr>
<tr>
<td></td>
<td>33%</td>
<td></td>
</tr>
<tr>
<td></td>
<td>36%</td>
<td></td>
</tr>
<tr>
<td>Average %</td>
<td>0%</td>
<td></td>
</tr>
<tr>
<td></td>
<td>0%</td>
<td></td>
</tr>
<tr>
<td>Average PV %</td>
<td>0%</td>
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</tr>
<tr>
<td></td>
<td>36%</td>
<td></td>
</tr>
</tbody>
</table>

DHS = Domestic Violence and Health Survey. PV = Psychological Violence.
Configural and Threshold Similarity

Countries within all regions
- except Eastern Mediterranean

Across regions

Pattern is not similar globally

Now-Low 89%
Moderate 8%
High 3%
Limitations & Strengths

Many countries, sparse data in frequencies

Contributing information about LMICs, no comparison to high income countries

Results were similar between DHS and WHO data despite different sampling, response categories, and time frame
Conclusions

3-class pattern was most consistent across settings, 3rd class is small & exact nature of the classes differed by region

Countries in the Eastern Mediterranean showed greater variability in item probabilities

Women reporting infrequent experiences of less severe items were more similar to women reporting no experience of PV

Very difficult to distinguish moderate from the severe class, due in large part to variability in women's use of never versus sometimes frequency
Other Methods
Use other methods to clarify contribution of each item to the construct of PV and cut points

Other Datasets
Examine patterning in other datasets and high income countries.

Future Research
Pull findings across methods, datasets & theoretical developments as groundwork for next phase of PV research