The New Italian SDO₇ Scale

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INTERNATIONAL SOCIETY OF POLITICAL PSYCHOLOGY
INTERNATIONAL CONGRESS
Social Dominance

What Is Social Dominance Orientation?

Desire for (group) dominance (e.g., Pratto et al. 1994)

Ideological support for intergroup hierarchy (e.g., Pratto et al. 2006)
The good answer:

Ho et al. (2015) *JPSP*

(Anti) Equality component

Desire for one own group dominance

Support for intergroup hierarchy

Dominance component
Related to:

• Blatant forms of prejudice and exclusions  
  (Passini & Morselli, 2016; Ketily et al., 2016)

• Hierarchy-enhancing beliefs about migration  
  ➔ Assimilation: They have to become like us  
  (Hindriks et al., 2014)
Related to:

• Subtle forms of prejudice and exclusions (Passini & Morselli, 2016)

• Negative affects towards minorities (Martinovic & Verkuyten, 2013)

• Hierarchy-attenuating beliefs on migration ➔ Multiculturalism: They can be different but we are better (Hindriks et al., 2014)

• Restrictions to democracy are fair (Ellenbroek et al. 2014)
Method

• 497 participants, filled an on-line questionnaire (convenience sample).

• Measures
  - Social Dominance Orientation scale (Ho et al., 2015)
  - Revised Need for Cognitive Closure scale (Pierro & Kruglanski, 2005)
  - Big-Five Inventory short form (Guido et al., 2014)
  - Adapted version of:
    ◦ Counter Dominance Orientation scale (Morselli et al., 2012)
    ◦ Symbolic Racism Scale (Leone, Chirumbolo, & Aiello, 2006)
    ◦ Ambivalence Sexism Inventory (Manganelli, Volpato e Canova, 2008)
  - Other measures:
    ◦ Right-wing Political orientation
    ◦ Sympathetic Collective Actions
    ◦ Myths about Weaker Nations
# Descriptive statistics

<table>
<thead>
<tr>
<th>Age (Mean - SD):</th>
<th>36 (15.37)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sex</td>
<td></td>
</tr>
<tr>
<td>Male</td>
<td>40</td>
</tr>
<tr>
<td>Female</td>
<td>60</td>
</tr>
<tr>
<td>Educational status %</td>
<td></td>
</tr>
<tr>
<td>Primary</td>
<td>9.5</td>
</tr>
<tr>
<td>Secondary</td>
<td>54.5</td>
</tr>
<tr>
<td>Tertiary</td>
<td>36</td>
</tr>
<tr>
<td>Profession %</td>
<td></td>
</tr>
<tr>
<td>Workmen</td>
<td>8.2</td>
</tr>
<tr>
<td>Employees</td>
<td>36</td>
</tr>
<tr>
<td>Supervisors</td>
<td>1.5</td>
</tr>
<tr>
<td>Freelance</td>
<td>4.8</td>
</tr>
<tr>
<td>Militaries</td>
<td>2.5</td>
</tr>
<tr>
<td>Teachers</td>
<td>1.3</td>
</tr>
<tr>
<td>Students</td>
<td>41.5</td>
</tr>
<tr>
<td>Unemployed</td>
<td>4.2</td>
</tr>
</tbody>
</table>
Confirmatory Factor Analysis

\[ N = 429 \]
\[ \chi^2(98) = 320.90, \ CFI = 0.90, \ RMSEA = 0.07, \ SRMR = 0.05 \]
Item Response Theory

• Graded Response Model:
  - models the item difficulty as the probability of each answer category given a latent trait
  - shows the discrimination power of each item
Anti-Egalitarianism (SDO_E)

Item information curves by answer category
(1 = strongly oppose; 4 = neutral; -7 = strongly in favor)
Anti-Egalitarianism (SDO_E)

Item information curves by answer category
(1 = strongly oppose; 4 = neutral; - 7 = strongly in favor)
Weak information power of item 11: It is unjust to try to make groups equal
Weak information power of item 11: It is unjust to try to make groups equal
Dominance (SDO_D)

Item information curves by answer category
(1 = strongly oppose; 4 = neutral; - 7 = strongly in favor)
Dominance (SDO_D)

Item information curves by answer category
(1 = strongly oppose; 4 = neutral; -7 = strongly in favor)
Weak information power of
Item 6: No one group should dominate in society
Item 7: Groups at the bottom should not have to stay in their place
Item 8: Group dominance is a poor principle

ISPP at 40: revisiting core themes of tyranny, intergroup relations and leadership
Item 7 (Groups at the bottom should not have to stay in their place) and Item 8 (Group dominance is a poor principle) → could be removed

ISPP at 40: revisiting core themes of tyranny, intergroup relations and leadership
Reliability (Alpha / Item-Total correlation)

• SDO-D
  - $\alpha = .72$
  - excluding item 7 and 8, $\alpha = .73$, I-T correlations range from $r = .55$ to .76

• SDO-E
  - $\alpha = .81$
  - excluding item 11, $\alpha = .82$; I-T correlations range from $r = .59$ to .78

• SDO7
  - $\alpha = .85$
  - excluding item 7,8 and 11, $\alpha = .86$; I-T correlations range from $r = .47$ (item 6) to .72
## Partial correlations (1)

<table>
<thead>
<tr>
<th>Attitudes</th>
<th>SDO-D</th>
<th>SDO-E</th>
<th>SDO7</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sexism (N = 277)</td>
<td>.38***</td>
<td>.25**</td>
<td>.35***</td>
</tr>
<tr>
<td>Symbolic racism</td>
<td>.44***</td>
<td>.43***</td>
<td>.47***</td>
</tr>
<tr>
<td>Counter dominance</td>
<td>-.34***</td>
<td>-.39***</td>
<td>-.44***</td>
</tr>
<tr>
<td>SDO short</td>
<td>.66***</td>
<td>.78***</td>
<td>.78***</td>
</tr>
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<table>
<thead>
<tr>
<th>Myths</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Symp. Coll. Actions</td>
<td>-.35***</td>
<td>-.38***</td>
<td>-.39***</td>
</tr>
<tr>
<td>Myths about weaker nations</td>
<td>.18**</td>
<td>-.05</td>
<td>.13*</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Political Orientation</th>
<th></th>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Right-wing political orientation</td>
<td>.27***</td>
<td>.28***</td>
<td>.30***</td>
</tr>
</tbody>
</table>

*Note.* Controlling for age, sex and educational status; *p < .06 *p < .05, **p < .01, *** p<.001
Partial correlations (2)

<table>
<thead>
<tr>
<th>Personality characteristics</th>
<th>SDO-D</th>
<th>SDO-E</th>
<th>SDO7</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extraversion</td>
<td>-0.01</td>
<td>-0.10*</td>
<td>-0.06</td>
</tr>
<tr>
<td>Agreeableness</td>
<td>0.08</td>
<td>-0.07</td>
<td>-0.03</td>
</tr>
<tr>
<td>Conscientiousness</td>
<td>0.06</td>
<td>-0.01</td>
<td>0.03</td>
</tr>
<tr>
<td>Neuroticism</td>
<td>0.01</td>
<td>0.07</td>
<td>0.04</td>
</tr>
<tr>
<td>Openness</td>
<td>-0.07</td>
<td>-0.07</td>
<td>-0.07</td>
</tr>
<tr>
<td>Need for cognitive closure</td>
<td>0.23***</td>
<td>0.14**</td>
<td>0.21***</td>
</tr>
</tbody>
</table>

*Note. Controlling for age, sex and educational status; *p < 0.05, **p < 0.01, ***p < 0.001*
Highlights from partial correlations

- SDO7 positively correlates with measures of sexism, symbolic racism and right-wing political orientation.
- SDO7 negatively correlates with measures of counter dominance orientation, sympathetic collective actions and myths about weaker nations.
- SDO 7 positively correlates with Need For Cognitive Closure and negatively with extraversion.
Thanks for the attention

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