Understanding Left-Wing Authoritarianism – Study 1 (#97770)

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1) Have any data been collected for this study already?
No, no data have been collected for this study yet.

2) What's the main question being asked or hypothesis being tested in this study?
Left-wing authoritarianism (LWA; i.e., total score and each of the three subscales [i.e., anti-hierarchical aggression, anti-conventionalism, and top-down censorship]; Costello et al., 2021) is positively related to altruism (Rushton et al., 1981) and positively related to the three facets of narcissism (i.e., FFNI antagonism, FFNI agentic extraversion, and FFNI neuroticism; Miller et al., 2016).

References:

Costello, T. H., Bowes, S. M., Stevens, S. T., Waldman, I. W., Tasimi, A., & Lilienfeld, S. O. (2021). Clarifying the structure and nature of left-wing authoritarianism. Journal of Personality and Social Psychology. Advance online publication. https://doi.org/10.1037/pspp0000341

Miller, J. D., Lynam, D. R., McCain, J. L., Few, L. R., Crego, C., Widiger, T. A., & Campbell, W. K. (2016). Thinking structurally about narcissism: An examination of the Five-Factor Narcissism Inventory and its components. Journal of Personality Disorders, 30(1), 1–18. https://doi.org/10.1521/pedi_2015_29_177

Rushton, J. P., Chrisjohn, R. D., & Fekken, G. C. (1981). The altruistic personality and the Self-Report Altruism Scale. Personality and Individual Differences, 2(4), 293–302. https://doi.org/10.1016/0191- 8869(81)90084-2

3) Describe the key dependent variable(s) specifying how they will be measured.
LWA and its three subfacets as conceptualized and measured (i.e., 39-item LWA Index) in Costello et al. (2021).

Reference:

Costello, T. H., Bowes, S. M., Stevens, S. T., Waldman, I. W., Tasimi, A., & Lilienfeld, S. O. (2021). Clarifying the structure and nature of left-wing authoritarianism. Journal of Personality and Social Psychology. Advance online publication. https://doi.org/10.1037/pspp0000341

4) How many and which conditions will participants be assigned to?
None, as this is a correlational study.

5) Specify exactly which analyses you will conduct to examine the main question/hypothesis.
Pearson product-moment correlations between LWA (i.e., total score and each of the three subscales) and altruism. Pearson product-moment correlations between LWA (i.e., total score and each of the three subscales) and the three facets of narcissism.

Multiple linear regression predicting LWA (i.e., total score and each of the three subscales) by altruism and the three facets of narcissism. Also, supplementary analyses adding covariates (i.e., self-deceptive enhancement, impression management, age, gender) to this multiple regression model will be conducted.

For the analyses of the 16 relationships which are of central interest (16 = 4 [LWA total score, 3 LWA subscales] X 4 [altruism, 3 narcissism subscales]), we will apply a Bonferroni corrected .003125 (two-tailed) as significance level (.05/16 = 0.003125). For all remaining analyses, we will apply the conventional .05 significance level.

6) Describe exactly how outliers will be defined and handled, and your precise rule(s) for excluding observations.
We will exclude participants who did not provide complete data on the central variables (i.e., LWA, altruism, narcissism).

In addition, we will exclude participants who failed the attention check by responding with a president's name. We will accept responses such as "none," "-," and "dssdfwrk," as these could have a different reason than failed attention (e.g., worry that the survey software would require a response for continuing with the survey).

In addition, we will exclude participants who can be identified by the applied Qualtrics software as duplicate respondents.

All these exclusions will be made prior to the analyses.

7) How many observations will be collected or what will determine sample size? No need to justify decision, but be precise about exactly how the number will be determined.

We will engage the platform Prolific (https://www.prolific.co/) through its online crowdsourcing system to recruit 400 participants. Depending on Prolific's recruitment system, it is possible that the goal of 400 participants will be exceeded a little.

8) Anything else you would like to pre-register? (e.g., secondary analyses, variables collected for exploratory purposes, unusual analyses planned?)

Secondary analyses: We will repeat the analyses, applying an alternative conception of narcissism. Using the responses from the same narcissism measure (Sherman et al., 2015), we will examine the relationship of LWA (i.e., total score and each of the three subscales) with the narcissism subfacets of grandiose narcissism and vulnerable narcissism (Sherman et al., 2015).

Reference:

Sherman, E. D., Miller, J. D., Few, L. R., Campbell, W. K., Widiger, T. A., Crego, C., & Lynam, D. R. (2015). Development of a Short Form of the Five-Factor Narcissism Inventory: The FFNI-SF. Psychological Assessment, 27(3), 1110–1116. https://doi.org/10.1037/pas0000100