**APPENDIX B:** Item statistics of 13-item abridged Ukrainian version of Right-Wing Authoritarianism scale (RWA13) calculated for raw and CMB-corrected data

| Item code | Item content | RAW DATA | | | | | CMB-CORRECTED DATA | | | | | Usage in other abridged versions of RWA scale |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Standardized item-total correlation | | Item-rest correlation | | Test-retest reliability (ICC) | Standardized item-total correlation | | Item-rest correlation | | Test-retest reliability  (ICC) |
| wave 1 | wave 2 | wave 1 | wave 2 | wave 1 | wave 2 | wave 1 | wave 2 |
| rwa03 | Our country desperately needs a mighty leader who will do what has to be done to destroy the radical new ways and sinfulness that are ruining us | 0.54 | 0.55 | 0.44 | 0.47 | 0.53\*\*\* | 0.58 | 0.58 | 0.47 | 0.47 | 0.30\*\* | Altemeyer-10, Zakrisson-15 |
| rwa05 | It is always better to trust the judgment of the proper authorities in government and religion than to listen to the noisy rabble-rousers in our society who are trying to create doubt in people’s minds | 0.44 | 0.54 | 0.35 | 0.46 | 0.54\*\*\* | 0.42 | 0.52 | 0.29 | 0.42 | 0.47\*\*\* |  |
| rwa07 | The only way our country can get through the crisis ahead is to get back to our traditional values, put some tough leaders in power, and silence the troublemakers spreading bad ideas | 0.66 | 0.65 | 0.58 | 0.58 | 0.33\*\*\* | 0.65 | 0.66 | 0.55 | 0.58 | 0.40\*\*\* | Mavor-14, Duckitt-20, Altemeyer-10 |
| **rwa09** | **Our country needs free thinkers who have the courage to defy traditional ways, even if this upsets many people** | 0.46 | 0.61 | 0.33 | 0.53 | 0.33\*\*\* | 0.46 | 0.59 | 0.35 | 0.51 | 0.33\*\*\* | Mavor-14, Zakrisson-15, Duckitt-20 |
| rwa10 | Our country will be destroyed someday if we do not smash the perversions eating away at our moral fiber and traditional beliefs | 0.77 | 0.69 | 0.70 | 0.63 | 0.55\*\*\* | 0.76 | 0.76 | 0.68 | 0.68 | 0.60\*\*\* | Duckitt-20 |
| **rwa11** | **Everyone should have their own lifestyle, religious beliefs, and sexual preferences, even if it makes them different from everyone else** | 0.32 | 0.56 | 0.17 | 0.45 | 0.56\*\*\* | 0.42 | 0.65 | 0.31 | 0.56 | 0.51\*\*\* | Altemeyer-10, Mavor-14, Rattazzi-14 |
| rwa12 | The “old-fashioned ways” and the “old-fashioned values” still show the best way to live | 0.65 | 0.64 | 0.53 | 0.54 | 0.61\*\*\* | 0.65 | 0.62 | 0.55 | 0.54 | 0.62\*\*\* | Zakrisson-15, Altemeyer-10 |
| **rwa13** | **You have to admire those who challenged the law and the majority’s view by protesting for women’s abortion rights, for animal rights, or to abolish school prayer** | 0.63 | 0.66 | 0.53 | 0.55 | 0.47\*\*\* | 0.69 | 0.8 | 0.63 | 0.75 | 0.42\*\*\* | Altemeyer-10 |
| **rwa15** | **Some of the best people in our country are those who are challenging our government, criticizing religion, and ignoring the “normal way things are supposed to be done.”** | 0.41 | 0.48 | 0.30 | 0.36 | 0.40\*\*\* | 0.4 | 0.54 | 0.29 | 0.46 | 0.39\*\*\* | Mavor-14, Zakrisson-15 |
| rwa16 | God’s laws about abortion, pornography and marriage must be strictly followed before it is too late, and those who break them must be strongly punished | 0.71 | 0.68 | 0.62 | 0.59 | 0.54\*\*\* | 0.71 | 0.67 | 0.63 | 0.59 | 0.55\*\*\* | Zakrisson-15, Altemeyer-10 |
| **rwa18** | **A “woman’s place” should be wherever she wants to be. The days when women are submissive to their husbands and social conventions belong strictly in the past** | 0.55 | 0.53 | 0.43 | 0.40 | 0.44\*\*\* | 0.68 | 0.66 | 0.59 | 0.57 | 0.46\*\*\* | Duckitt-20, Funke-12 |
| rwa19 | Our country will be great if we honor the ways of our forefathers, do what the authorities tell us to do, and get rid of the “rotten apples” who are ruining everything | 0.45 | 0.52 | 0.35 | 0.43 | 0.58\*\*\* | 0.41 | 0.49 | 0.3 | 0.39 | 0.55\*\*\* | Zakrisson-15, Duckitt-20 |
| **rwa21** | **Homosexuals and feminists should be praised for being brave enough to defy “traditional family values”** | 0.68 | 0.66 | 0.57 | 0.57 | 0.59\*\*\* | 0.78 | 0.69 | 0.73 | 0.62 | 0.57\*\*\* | Rattazzi-14, Duckitt-20, Altemeyer-10 |

*\* p < 0.05 \*\* p < 0.01 \*\*\* p < 0.001*

*Note*: Con-trait (reverse-scored) items are presented in bold, and item numbering follows the sequence in *Altemeyer* (2006, pp. 11–12). Color shading is applied to facilitate pairwise comparisons between raw and CMB-corrected data. All indicators are based on a dataset of 99 complete cases.

The item-rest correlation assesses the relationship between each item and the total score of the remaining items, corresponding to the *r.drop* column in the output of the alpha() function from the *psych* package in *R* (Revelle, 2024). Test-retest reliability is measured using the Intraclass Correlation Coefficient (ICC), calculated based on a two-way random-effects model with absolute agreement and single measures, as implemented in the *irr* package in *R* (Gamer et al., 2022).

CMB-corrected item scores were computed relative to the full scale (RWA20) and remain unchanged from Appendix A, following the procedure detailed in the article. In contrast, item-total and item-rest correlations are calculated against the abridged scale (RWA13), which explains their differences from the same indicators in Appendix A, where they were computed using the full scale. However, test-retest reliability for each item remains unchanged compared to the full RWA20 (Appendix A).

The last column provides references to other abridged versions of the RWA scale that included these items: *Altemeyer-10* (Altemeyer’s 10-item short form, Altemeyer, 2022), *Duckitt-20* (Duckitt & Fisher’s 20-item version, Duckitt & Fisher, 2003), *Funke-12* (Funke’s 12-item German adaptation, Funke, 2005), *Mavor-14* (Mavor’s 14-item abridgment, Mavor, 2012), *Rattazzi-14* (Rattazzi et al.’s 14-item Italian version, Rattazzi et al., 2007), and *Zakrisson-15* (Zakrisson’s 15-item Swedish version, Zakrisson, 2005).