

Reporting Summary

Nature Portfolio wishes to improve the reproducibility of the work that we publish. This form provides structure for consistency and transparency in reporting. For further information on Nature Portfolio policies, see our [Editorial Policies](#) and the [Editorial Policy Checklist](#).

Statistics

For all statistical analyses, confirm that the following items are present in the figure legend, table legend, main text, or Methods section.

n/a	Confirmed
☐	☒ The exact sample size (<i>n</i>) for each experimental group/condition, given as a discrete number and unit of measurement
☐	☒ A statement on whether measurements were taken from distinct samples or whether the same sample was measured repeatedly
☐	☒ The statistical test(s) used AND whether they are one- or two-sided <i>Only common tests should be described solely by name; describe more complex techniques in the Methods section.</i>
☐	☒ A description of all covariates tested
☐	☒ A description of any assumptions or corrections, such as tests of normality and adjustment for multiple comparisons
☐	☒ A full description of the statistical parameters including central tendency (e.g. means) or other basic estimates (e.g. regression coefficient) AND variation (e.g. standard deviation) or associated estimates of uncertainty (e.g. confidence intervals)
☐	☒ For null hypothesis testing, the test statistic (e.g. <i>F</i> , <i>t</i> , <i>r</i>) with confidence intervals, effect sizes, degrees of freedom and <i>P</i> value noted <i>Give P values as exact values whenever suitable.</i>
☒	☐ For Bayesian analysis, information on the choice of priors and Markov chain Monte Carlo settings
☒	☐ For hierarchical and complex designs, identification of the appropriate level for tests and full reporting of outcomes
☒	☐ Estimates of effect sizes (e.g. Cohen's <i>d</i> , Pearson's <i>r</i>), indicating how they were calculated

Our web collection on [statistics for biologists](#) contains articles on many of the points above.

Software and code

Policy information about [availability of computer code](#)

Data collection	Qualtrics for survey data collection
Data analysis	R 4.3 and Stata MP 18

For manuscripts utilizing custom algorithms or software that are central to the research but not yet described in published literature, software must be made available to editors and reviewers. We strongly encourage code deposition in a community repository (e.g. GitHub). See the Nature Portfolio [guidelines for submitting code & software](#) for further information.

Data

Policy information about [availability of data](#)

- All manuscripts must include a [data availability statement](#). This statement should provide the following information, where applicable:
- Accession codes, unique identifiers, or web links for publicly available datasets
 - A description of any restrictions on data availability
 - For clinical datasets or third party data, please ensure that the statement adheres to our [policy](#)

We have made the analysis code available via the Harvard Dataverse. To protect survey respondents' privacy, the survey data merged with registration data and the location data is made available via controlled remote access as described in the data availability section of the manuscript.

Research involving human participants, their data, or biological material

Policy information about studies with [human participants or human data](#). See also policy information about [sex, gender \(identity/presentation\), and sexual orientation](#) and [race, ethnicity and racism](#).

Reporting on sex and gender

We measure gender in the survey. For all survey languages that differentiate between biological sex and social gender (Ukrainian, Russian, English) we used the appropriate term in translation. Participants could choose between three gender categories (male, female, non-binary) or decide not to respond to the question. We report the distribution for the gender covariate in SM Table 5 and we report a gender-specific effect for our main analysis in Figure 3 (Panel A).

Reporting on race, ethnicity, or other socially relevant groupings

We did not ask respondents to report their race or ethnicity as social categories in our survey. We do ask if respondents identify as LGBTQ+ using the following survey question: Do you think of yourself as lesbian, gay, bisexual, asexual, transgender, non-binary, intersex, agender or in any other way queer? Respondents are given the option to say Yes, No or decide not to respond to the question. We report the distribution for this covariate in SM Table 5.

Population characteristics

See below.

Recruitment

Participants self-select to answer the survey to which we invite them (see below). We conduct a non-response analysis demonstrating that respondents and non-respondents are similar on observable characteristics and we adjust for observable differences in our analysis using entropy balancing.

Ethics oversight

The survey and the project received IRB approval from ETH Zurich (EK-2023-N-122), the German Center for Integration and Migration Research (DeZIM, EK06/2023), and Stanford University (72870).

Note that full information on the approval of the study protocol must also be provided in the manuscript.

Field-specific reporting

Please select the one below that is the best fit for your research. If you are not sure, read the appropriate sections before making your selection.

☐ Life sciences ☒ Behavioural & social sciences ☐ Ecological, evolutionary & environmental sciences

For a reference copy of the document with all sections, see nature.com/documents/nr-reporting-summary-flat.pdf

Behavioural & social sciences study design

All studies must disclose on these points even when the disclosure is negative.

Study description

We conducted an online survey to collect quantitative data and we analyzed this data mainly using statistics.

Research sample

All refugees that registered with the non-profit organization #UnterkunftUkraine (UU) and that were legally contactable on June 1, 2023 when the survey invitation was send out.

Sampling strategy

No sampling. We invited everyone that registered on the platform and that were legally contactable (N=41,237).

Data collection

The survey data was collected using a self-administered online survey. We used Qualtrics to program the online survey.

Timing

The survey invitation email was send out on June 1st, 2023. The data collection ended on July 27th 2023.

Data exclusions

The survey questionnaire was tested in two pilots in May 2022 (N=53). The data from these pilots are not included in the analysis as we made changes to the survey questionnaire (e.g., more precise wording of survey questions).

Non-participation

2,905 individuals participated in the survey. We define participation as someone who consented to the terms of the survey. We screen out 94 respondents who were ineligible to participate because they were younger than 16 years old. This leaves as a total of 2,811 complete and partial responses. 1,870 respondents answered all questions. Assuming that the proportion of ineligible non-respondents is the same as in the proportion of ineligible respondents (94/2905), the cumulative response rate as defined by the American Association for Public Opinion Research is 6.1% (RR2) and 3.9% (RR3).

Randomization

No randomization

Reporting for specific materials, systems and methods

We require information from authors about some types of materials, experimental systems and methods used in many studies. Here, indicate whether each material, system or method listed is relevant to your study. If you are not sure if a list item applies to your research, read the appropriate section before selecting a response.

Materials & experimental systems

n/a	Involvement in the study
☒	☐ Antibodies
☒	☐ Eukaryotic cell lines
☒	☐ Palaeontology and archaeology
☒	☐ Animals and other organisms
☒	☐ Clinical data
☒	☐ Dual use research of concern
☒	☐ Plants

Methods

n/a	Involvement in the study
☒	☐ ChIP-seq
☒	☐ Flow cytometry
☒	☐ MRI-based neuroimaging

Plants

Seed stocks	n/a
Novel plant genotypes	n/a
Authentication	n/a