

HUMAN DATA SUBMISSION CHECKLIST

We request that all *Scientific Data* authors describing data that originated from humans (e.g. biological studies, medical data, personal information, survey responses, etc) supply information to the editorial office to support our data checking workflows.

We kindly request you:

- answer questions as directed (tick all answers that apply).

☐ Data was downloaded from a database or repository (secondary data)

- confirm that the relevant information is also included in the main article file (see guidance notes after each question).
- sign the form (only one author is required).
- supply a copy within your manuscript files.

1) Please	e tell us where the data came from:
	of the study (you, other named authors) had direct responsibility for data collection from s (e.g. a study, trial, survey).
	ease ensure the complete process for participant recruitment is described in the paper (e.g. lvertising process, selection, screening, name of facility, etc)
assessment	s collected from patients via their routine medical treatment, diagnosis, consultation, or pathology t and then obtained from medical facilities retrospectively. Please also check this box for any other vate data collection method performed outside of a study (e.g. a census, commercial origin, etc).
ho de	ease ensure the origin of the data is clear in the paper, the name of the relevant institution/body olding the data is named, along with the date of collection and all other practical data collection etails. Please also explain how the data was acquired by the you as the named author (e.g. a dlaboration, data access request, etc).
□ Data wa	s collected from Biobank samples.
ро (i.e	ease ensure the Biobank is named in the paper, plus any relevant sample numbers, and ensure all plicies from the supplier have been followed. Re-publishing details of primary collection methods e. how samples were initially collected by the Biobank) may not be required if these can be cited ithin a public document unless you feel they are required by data users.
□ Data dei	rives from biological material of other origin (e.g. cell lines).
wi me	ease ensure the name the product and supplier of any commercially acquired material is included thin the Methods. Other material requires full experimental details on the original collection ethods if not previously published (the first box – 'primary data collection' - may be more applicable so), or a citation to the relevant paper/documentation if this has been previously disclosed

 Name the repository/database and all relevant accession numbers to allow others to retrieve the same input data.
☐ For repository/database data, please check this box to confirm that you have checked the licence, data usage agreement, or other relevant policy to ensure that you re-distribution are usage within this dataset is permitted within those terms.
\square Synthetic data – mimicking real human data, but not relating to any real person.
 Provide the source of any real (human-derived) training data if relevant. This does not need to be reshared within the synthetic dataset as some as users may source it from the original database (provide a URL or dataset citation) but there should be some viable method for users to repeat the data creation process.
\square Derived from public documents or other materials.
- Ensure all relevant data sources are included in the paper (e.g. specific citations or URLs from where the information was extracted) and that you have permission to do this.
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2) What does the data contain?
Choose all that apply:
\Box Contains direct identifiers (names, identifiable facial images, biometric data, genomic or transcriptomic data)
State types:
☑ Contains 3 or more indirect identifiers. This is checked as indirect identifiers may still reduce the sampled group to a potentially identifiable cohort (e.g. locations, gender, religion, ethic group, other demographic data, etc)
<u>State types</u> : Age, gender, city location, height, weight, how long they have been in the current country, ethnicity, have they worked in the current building, are they an expert in human comfort-related research, and do they have sensitivities to bright light, heat, cold, dry air, wetness (e.g., humidity), and noise.
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3) Please tell us how/if consent was obtained from participants:
 ✓ Informed consent for participation and data sharing was obtained directly from participants. ☐ Informed consent for participation and data sharing was obtained from a parent, guardian, or other responsible role, in cases where the individual cannot reasonably consent themselves.

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\Box Patients were not informed or did not provide consent for data sharing (e.g. during routine a medical interaction, non-medical case) but a third party has agreed this may be waived.				
- Please state this in the paper, naming the body who provided the waiver (e.g. institutional or hospital ethics board).				
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 Please note that we still require consent from participants for compilation, annotation, and/or re-use of their data in most cases, even if it has been freely contributed to a public platform, unless the platform informs the user of any potential use or re-distribution and obtained an explicit opt-in to do so. Researchers may also need to check any copyright claimed by the platform owner. Please ensure all details are checked and stated in the paper. 				
□ N/A (e.g. the data is synthetic)□ Other (please state):				
4) Please tell us what ethics approval has been provided.				
☑ Institutional ethics board or IRB (this should match at least one author institution associated with the paper) OR a third party or private IRB (if no such board exists within the authors' institution(s)) approved the data collection study.				
 Massachusetts Institute of Technology IRB (2301000858) University of Fribourg IRB (NUS-IRB-2023-135) National University of Singapore IRB (2023-826-R2) 				
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or download)

restrictions on usage are stated in a "Usage Notes" section at the end of the main paper. Copies of any Data Usage Agreements (DUAs) should be visible at the repository for potential users in time for final publication. Please share a copy of the DUA within the manuscript files if these are not available at the repository at the time of submission. Links or copies of standard CC licences do not need to be provided or lined in the paper.
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☑ No controls (user download without login or registration)
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