

# Terms and Conditions for Use of JECS GWAS Summary Statistics on PheWeb

## 1. Scope

These Terms and Conditions (“Terms”) apply to the use of genome-wide association study (GWAS) summary statistics, visualizations, and related information made available through the Japan Environment and Children’s Study (JECS) PheWeb (“the Data”).

The Data consist of aggregate statistical results and do not include individual-level genotype, phenotype, or other participant-level information.

By accessing, downloading, or using the Data, you agree to comply with these Terms.

## 2. Purpose of Data Sharing

JECS makes these Data available to promote scientific research, facilitate the development of new knowledge and technologies, and maximize the societal value of the research made possible by JECS participants.

The Data may be used for legitimate research and development purposes by researchers and other users in academic institutions, public-sector organizations, non-profit organizations, and commercial entities.

Commercial research and development is not prohibited solely on the basis that the user is affiliated with a commercial entity.

## 3. Permitted Uses

Subject to these Terms, users may:

- conduct scientific and methodological research;
- integrate the Data with other research resources;
- develop and evaluate statistical, computational, biomedical, or other research methods;
- use the Data for research and development, including commercial research and development;
- publish research findings and other analyses derived from the Data; and
- seek intellectual property rights arising from inventions or other results generated through the use of the Data.

No ownership or other proprietary rights in the original JECS Data are transferred to users.

## 4. Prohibited Uses

Users must not:

1. use the Data for military purposes, weapons development, or other activities intended to cause harm;
2. use the Data in a manner that unlawfully discriminates against, stigmatizes, or causes unjustified harm to individuals or populations;
3. represent statistical associations contained in the Data as clinically validated diagnostic or predictive information without appropriate independent validation;
4. use the Data in violation of applicable laws, regulations, ethical standards, or institutional requirements;
5. imply that JECS, the Ministry of the Environment, the National Institute for Environmental Studies, the National Center for Child Health and Development, or any other organization participating in JECS endorses a product, service, research conclusion, or commercial activity; or
6. sell or license the Data themselves as a standalone commercial data product.

These restrictions apply equally to academic, governmental, non-profit, and commercial users.

## 5. Commercial Use

Commercial entities may use the Data for research and development under the same conditions as other users.

Permitted commercial research and development may include, for example, target discovery, drug development, methodological development, and validation of research findings.

Permission to use the Data does not constitute endorsement of any resulting product or service by JECS or any organization involved in JECS.

Any intellectual property arising from analyses or inventions developed using the Data may be pursued by the user, provided that such rights do not purport to confer ownership of the original JECS Data.

## 6. Attribution and Publication

Users who publish or otherwise publicly disclose results obtained using the Data should appropriately acknowledge JECS and cite:

- the relevant JECS publication(s) specified on the PheWeb website; and
- the JECS PheWeb resource, including the date of access where appropriate.

Users should clearly distinguish their own analyses, interpretations, and conclusions from those of JECS.

Views and conclusions expressed in publications or other outputs using the Data are those of the users and do not necessarily represent the views of JECS, the Ministry of the Environment, or the organizations participating in JECS.

## 7. Responsible Interpretation

The Data are provided as research results and should be interpreted in light of the study design, population characteristics, phenotype definitions, statistical models, and other limitations described in the relevant documentation and publications.

GWAS associations do not, by themselves, establish causality, clinical validity, or clinical utility.

The Data are not intended to provide medical advice or to support diagnosis, treatment, or other individual-level clinical decision-making without appropriate independent validation and regulatory or professional review.

## 8. Data Versions and Integrity

JECS may update, correct, replace, or withdraw Data when necessary.

Users are encouraged to use the most recent version available from the JECS PheWeb and to record the version and/or date of access used in their analyses.

Users must not intentionally misrepresent, alter the provenance of, or falsely attribute the Data.

## 9. Disclaimer

The Data are provided for research and development purposes on an “as is” basis.

JECS and the organizations involved in its operation make no warranty, express or implied, regarding the completeness, accuracy, fitness for a particular purpose, or scientific validity of the Data for any specific application.

Users are responsible for determining whether their intended use of the Data is scientifically, ethically, and legally appropriate.

## 10. Protection of JECS Participants

JECS has been made possible through the voluntary participation of a large number of children and their families.

Users are expected to respect the contribution of JECS participants and to use the Data in ways consistent with the protection of participants, responsible scientific conduct, and the advancement of public benefit.

## 11. Modification or Suspension

These Terms may be revised when necessary to reflect changes in JECS policies, applicable laws and regulations, ethical standards, or data-sharing practices.

JECS reserves the right to restrict access to the Data in cases of material violation of these Terms.

## 12. Contact

Questions regarding these Terms or the appropriate use of the Data should be directed to the contact information provided on the JECS PheWeb website.