

Please e-mail completed form to NTR data management: [ntr.datamanagement.fgb@vu.nl](mailto:ntr.datamanagement.fgb@vu.nl)

1. **Applicant information:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| DSR Number: | <To be completed by NTR data management> | | | | |
| Name: | Click or tap here to enter text. | | | | |
| I am a: | BSc student | | MSc student | | Study program:  Click or tap here to enter text. |
| Supervisor: | Click or tap here to enter text. | | | | |
| Country: | Click or tap here to enter text. | | | | |
| E-mail: | Click or tap here to enter text. | | | | |
| Telephone: | Click or tap here to enter text. | | | | |
| Mobile or secondary e-mail\* | Click or tap here to enter text. | | | | |
| Site: | NTR | VU | | External: Click or tap here to enter text. | |
| *\* to send you the access code for retrieving the data* | | | | | |

1. **Project (working) title :** Click or tap here to enter text.
2. **Please attach a separate analysis plan (max 3 pages) that includes the following**:
3. Research question(s) and/or hypotheses
4. Brief background and rationale for addressing the research question in NTR *(to comply with the GDPR ‘minimal dataset guideline’, include a rationale for the variables requested and the need for the specific sample composition).*
5. Outline of laboratory analyses *(if applicable)*
6. Outline of statistical analyses and procedures used to address the research questions
7. If you request data as part of a consortium effort please add the consortium's Analysis Plan or Standard Operating Protocol (SOP) as an appendix.
8. **Phenotype data requested**

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| ***Standard variables*** | | | | | |
| **Person information:** | Person ID (included by default) | | | Sex | |
| **Nuclear family structure:** | Family ID | Role in family | Singleton/twin/multiple | | Biological relatedness  *(e.g. for exclusion)* |
| **Other:** | Twin related variables (e.g. zygosity, birth order, type of multiple, etc.) | | | | Extended family structure\* |
| **Study-related variables:** | Age at measurement | | | Date of measurement | |
| *\* please state explicitly in your analysis plan why this is essential* | | | | | |

I am attaching a .JSON file (created with the NTR Data Showcase) with the requested variables

I need the following additional variables not (yet) incorporated in the NTR repository Data Show Case: *(be as specific as possible, e.g. if survey data are requested please indicate from which survey wave(s).*

Click or tap here to enter text.

1. **Subject selection:** (e.g. specific age range, only twins, only participants with genotype data)

Click or tap here to enter text.

1. **Genotype data requested:**

*Please note that individual level genotype data can only be requested for analyses performed on secure computer systems (including SURFSara) under direct supervision of NTR collaborators.*

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Standard variables (always needed when working with genotype data):** | | | | | | | | |
| Individual ID | | Father ID | | Mother ID | | Sex | Genotype Platform Dummies | |
| First 10 Genetic Principal Components | | | | Ancestry Outlier dummy | | |  | |
| **Other information:** | | | |  | | |  | |
| Imputation base: | | | 1000 Genomes | | Topmed | | | |
| Genome wide SNP data | | |  | |  | | | |
|  | Format: | | Plink best-guess | | VCF | | | |
| All variants in gene: (default is imputed)\* | | | | | | | | |
|  | Chromosome: | | start (bp): Click or tap here to enter text.: | | end (bp): Click or tap here to enter text. | | | Genome build: 37  38 |
| (Set of) specific SNP(s): (default is imputed)\* | | | | | | | | |
|  | Chromosome: | | start (bp): Click or tap here to enter text. | | end (bp): Click or tap here to enter text. | | | Genome build: 37 38 |
| *\*Or provide a .csv file as attachment with Chr, start BP + end BP (or RS id), genotyped only Y/N* | | | | | | | | |

1. **Proposed co-authors (in proposed order):**

The NTR Data Access Request Committee will suggest the appropriate collaborative participation by the relevant NTR researchers. Pre-discussion of appropriate co-authorship with members of the NTR-DAC is strongly encouraged.

|  |  |
| --- | --- |
| (shared) First: | *Not required for B-thesis/M-thesis projects.* |
| (shared) Last: | *Not required for B-thesis/M-thesis projects.* |
| Co-authors (2nd, 3rd , … ): | *Not required for B-thesis/M-thesis projects.* |

1. **Timeline for completion and submission of manuscript:** Click or tap here to enter text.
2. **Additional funding:** If this analysis plan is supported by other funding, please describe here: Click or tap here to enter text.

**I hereby guarantee to use the data only for addressing the research question described under 3, and not for any other purposes, unless I submit a new analysis plan.**

Signed Date

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| --- | --- | --- |
|  |  | Click or tap here to enter text. |