



FAMILY

“Running in the FAMILY – Understanding and predicting the intergenerational transmission of mental illness”

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Deliverable 2.1

Data harmonization plan

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V3	17/06/2024	4.3.4 Clinical Data (4. Defining project-specific research protocols) update	Patricia Camprodon	Gisela Sugranyes
V4	1/4/2025	d. Evaluate general harmonization potential and initial database construction. (4.3.4 Clinical data) update	Patricia Camprodon	Gisela Sugranyes
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No:	Date	Issue	Resolved
1	29/03/2023	4.2. To compile details about particular variables within the core data domains that need to be harmonized. A data inventory will be created and completed by all partners in order to collect information of relevant variables available across the FAMILY human cohorts.	13/12/23
2	29/03/2023	4.3. Defining project-specific research protocols: <ul style="list-style-type: none"> - 4.3.1 Genetics - 4.3.2 Epigenetics - 4.3.3 Neuroimaging: diffusion and resting state functional MRI 	Ongoing
3	29/03/2023	4.3.4 Harmonizing specific variables under a common format: Clinical Data	17/06/2024
4	29/03/2023	4.4. Assessing the quality of harmonized data	Ongoing
5	29/03/2023	4.5. Preserving the data for future usage and replication	Ongoing

SUMMARY

The overarching aim of the FAMILY project is to discover and validate brain imaging, genetic, and epigenetic indicators for susceptibility or resilience to mental illness in the family. In order to accomplish this goal, the project will leverage data from both large-scale population-based cohorts, as well as high-risk clinical cohorts. Melding these different data sources together for combined analysis requires careful curation and harmonization to ensure valid results and interpretation are possible.

This document contains the Data Harmonization Plan (DHP) of the FAMILY consortium. The document outlines the steps taken to achieve harmonization, including inventorization of available data, defining minimal datasets depending on the WP objectives, establishing procedures for the harmonization of the various data types in FAMILY (e.g., clinical, imaging, genomic, epigenomic, etc.), providing harmonized sets of data to the consortium members, and documenting clearly on the knowledge base the harmonization process and, when applicable, indicating any important caveats related to the degree of harmonization.

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1 INTRODUCTION

1.1 Purpose and Scope

This document describes the first version of the data harmonization plan. The first objective of WP 2 is to offer a secure, scalable, and existing data analysis infrastructure Digital Research Environment (DRE) with an integrative data management and harmonization plan (Task 2.1).

1.2 References to other FAMILY Documents

- FAMILY DoA

1.3 Definitions, Abbreviations and Acronyms

Table 1 List of Abbreviations and Acronyms

Abbreviation/ Acronym	DEFINITION
MRI	Magnetic Resonance Imaging
DRE	Digital Research Environment
FHR	Familial High Risk
DSM	Diagnostic and Statistical Manual of Mental Disorders
GDPR	General Data Protection Regulation
WP	Work Package
EMC	Erasmus Universitair Medisch Centrum Rotterdam
UCL	University College London
FCRB	Fundació Clínica per la Recerca Biomèdica
FIBHGM	Fundación para la Investigación Biomédica del Hospital Gregorio Marañón
CHUV	Centre Hospitalier Universitaire Vaudois
RegionH	Region Hovedstaden
NIPH	Folkehelseinstituttet
LG	Lausanne-Geneva
Gen R	Generation R
COPSYCH	Copenhagen Prospective Study on Neuro-Psychiatric Development
ALSPAC	Avon Longitudinal Study of Parents and Children
ABCD	Adolescent Brain Cognitive Development
MCS	Millennium Cohort Study
BASYS	Bipolar And Schizophrenia Young offspring Study
HCP	Human Connectome Project
KBO	Kinderen Bipolaire Ouders
MoBA	Norwegian Mother and Child Cohort Study
BRIDGE	Brain Imaging Development and Genetics
PNC	Philadelphia Neuroimaging Cohort
MARIO	Mood and Resilience in Offspring

2 EXECUTIVE SUMMARY

Mental illness runs in the family. A family history of mental illness is the most important known risk factor for the development of mental health problems. Up to 50% of children with a mentally-ill parent will develop a mental disorder in their life course, suggesting a transfer of disease risk from affected parents to offspring. Such intergenerational transmission of risk of mental illness is rarely considered in clinical practice, and health care systems do not sufficiently embed family history of mental illness into diagnostics and care, leading to a delay in diagnosing patients and missing the time window for protective actions and resilience strengthening. The FAMILY project aims to discover and validate brain imaging, genetic, and epigenetic indicators for susceptibility or resilience to mental illness in the family. In order to accomplish this goal, the project will leverage data from both large-scale population-based cohorts, as well as high-risk clinical cohorts. Melding these different data sources together for combined analysis requires careful curation and harmonization to ensure valid results and interpretation are possible.

This document represents the latest version of the Data Harmonization Plan (DHP) of the FAMILY consortium. One of the main objectives of FAMILY WP2 is to enhance data management process harmonization which will improve the quality and interoperability of data resources in FAMILY cohorts. The document outlines the steps taken to achieve harmonization:

- To identify and define data domains to be harmonized based on FAMILY project objectives
- To compile an inventory of relevant data across cohorts
- To define project-specific research protocols
- To harmonize specific variables under a common format
- To assess the quality of harmonized data.
- To preserve the data and associated metadata for future usage and replication.

3 GENERAL OBJECTIVES

The aim of FAMILY is to understand the intergenerational transmission of risk, to predict the risk of mental illness in a familial context, and to create a societal impact and an end-user engagement. As a proof of principle, FAMILY will focus specifically on risk for mood and psychosis symptoms and diagnoses. Therefore, the FAMILY project seeks to identify and validate genetic, epigenetic, and brain imaging biomarkers for risk or resilience to mental disease in the family, and map and evaluate social and ethical consequences of risk prediction for clinical use. To achieve the established objectives, the FAMILY project will make use of a wide range of data from different modalities and samples.

Seven European Familial High-Risk (FHR) Cohorts form part of the FAMILY consortium. These samples consist of child, adolescent and young adult offspring with at least one parent with a confirmed diagnosis in the mood-psychosis spectrum (i.e. schizophrenia, bipolar disorder, depression). Family consortium partners have direct access to longitudinal information about clinical, environmental, genetic and brain imaging data.

FAMILY consortium partners have also requested access to data collected through population-based samples, which also include clinical, environmental, genetic and brain imaging data. Information about familial risk and population-based cohorts is provided in Table 1.

Population-based studies		FHR cohorts	
Name	Partner	Name	Partner
GenR/ORACLE	EMC	BRIDGE	EMC
COPSYCH	RegionH	KBO	EMC
ALSPAC		MARIO	EMC
MoBa	NIPH	BASYS	FCRB
MCS	UCL	BASYS	FIBHGM
UK Biobank		LG	CHUV
ABCD		VIA	RegionH
HCP			
PNC			

Table 1. Cohorts available to FAMILY project.

By facilitating interoperability between human cohorts and the execution of multi-cohort analyses, data harmonization and metadata curation are crucial for achieving the goals of the study. WP2 is responsible for data management in line with FAIR principles, data harmonization and GDPR-compliant storage of and access to datasets. In order to achieve this, WP2 will develop resources for the consortium that will aid in data harmonization and analysis. These resources will include a Digital Research Environment (DRE) to store and share data with other partners, a web-based Knowledge Base, which will include a detailed and searchable data dictionary of all the raw data, and a GitHub repository.

Of note, this document focuses on the consortium's harmonization of human data (it does not describe harmonization of data obtained from animal models within the Consortium). In addition, it provides a general overview of the harmonization procedures outlining specific examples of how these procedures have been used.

Additionally, FAMILY will collect social sciences data via qualitative interviews with patients and their family members and via survey of professionals and potential end users of prediction tools. It is important to note that this social science data will not be stored in DRE as the University of Latvia will serve as the data controller for these specific datasets. The collected information will be used to map social and ethical consequences of development and use of risk prediction tools and to develop ethical guidelines.

4 HARMONIZATION PROCEDURES

The following steps are generally included in harmonization procedures: (a) Identifying data domains to be harmonized; (b) Compiling an inventory of relevant data across cohorts; (c) Defining project-specific research protocols (d) Harmonizing specific variables under a common format; (e) Assessing the quality of harmonized data; (f) Preserving the data and associated metadata for future usage and replication.

4.1 Identifying data domains to be harmonized

The first step was to identify the different kinds of data that were obtained by the members of the consortium, based on the objectives of each WP.

WP	Objective	Description
WP 3	O3.2: Estimate stability and change in genetic nurture effects throughout the life course	UCL will estimate genetic nurture and genetic transmission effects, using polygenic scores. UCL will investigate whether estimates of genetic nurture remain stable or change between childhood, adolescence, and adulthood using structural equation modelling.
WP 3	O3.3: Identify mechanisms underlying risk transmission and resilience factors	NIPH will investigate putative mediators including parenting, stressful life events, breastfeeding, mother-father relationship quality, parent-child relationship quality, and social support, that may act as parental resilience factors that attenuate offspring genetic risk.
WP 4	O4.2: Identify epigenetic markers of 'transmission load' as predictors of offspring outcomes	Epigenetic profiles of transmission load for mental illness will be identified in cord blood and tested for prediction of later offspring psychopathology. Classical statistics (e.g. regression models) and deep learning methods (MethylNet) will be used to model associations between parental mental illness and neonatal epigenetic patterns
WP 4	O4.3: Establish whether epigenetic patterns mediate parental mental illness effects on child mental health	New methods (DACT, MICS) will be used to quantify epigenome-wide mediation of parental illness on offspring mental outcomes. Mediation will also be analysed using poly-epigenetic scores of transmission load.
WP 5	O5.2: Identify neuroimaging markers of transmission load in childhood as predictors of mental health outcome in adolescence	To (1) identify brain metrics at the age of 10 years and (2) test whether these brain metrics are predictive of later mental health problems in offspring at age 17 years.
WP 5	O5.4 Explore how genetic and environmental routes of transmission of parental mental health problems to offspring relate	Triad genetic design from WP3 will be implemented to quantify (i) whether these polygenic scores associate with brain traits that are shared within-family, and (ii) how much of

	to brain features (from WP3) in childhood and adolescence	this is due to genetic transmission versus genetic nurture effects.
WP 7	O7.2: Translation of group-statistical patterns to the prospective prediction of mental health for individuals at high familial risk	RUMC will build normative models for the prospective prediction of mood and psychosis symptoms and diagnoses based on an optimal combination of genomic, epigenomic, brain, and environmental information.
WP 7	O7.3 Novel and flexible quantification of resilience to mental health problems and generation of new hypotheses of causal mechanisms underlying risk and resilience of mental health problems	These quantifications will be done using symptoms, overall clinical diagnosis as well as broader measures of functioning as outcome variables in GenR.

Table 2. FAMILY objectives involving human data analysis.

The core data domains that need to be harmonized based on these objectives have been identified. It should be noted that the offspring and parental cohorts will be harmonized separately due to the different nature inherent to these two populations and to the different objectives for each of them. The data domains to be harmonized are listed below:

- Genetics: UCL
- Epigenetics: EMC
- Neuroimaging: EMC
- Clinical data: FCRB, all sites
 - Socio-demographic information
 - Clinical and behavioural data (offspring and parental diagnoses, symptom severity, comorbidities, functioning, coping style)
 - Environmental factors (prenatal and postnatal, early life stress, parenting style)

4.2 Compiling an inventory of relevant data across cohorts

The next step was to compile details about particular variables within the core data domains that need to be harmonized. A data inventory document was created and completed by all partners in order to collect information of relevant variables available and shareable within the FAMILY human cohorts. The data inventory was a document with multiple sheets where clinical, neuroimaging and genetics data across cohorts was collected. Tables 3,4 and 5 show the format used in the inventory, with example data.

For clinical data, the inventory included a comprehensive list of instruments commonly used in clinical assessments, and the subsequent columns specify the particular categories (semantic domains) of the constructs assessed. The inventory provided flexibility for each cohort to add more instruments and categories. It also contained information about the informant (the person filling out the instrument) and the informee (the person the instrument pertains to).

For neuroimaging and genetic data, the inventory incorporated a column to designate the cohort. In the subsequent columns, each cohort had to specify a series of characteristics about the procedures followed.

4.3 Data Dictionary

The metadata from the data inventory has been made available in the Knowledge Base as a [Data Dictionary](#) (Appendix 1, Deliverable 2.2). It serves as an interactive platform offering detailed information on the data modalities collected in FAMILY, along with the associated metadata for each modality.

Table 3. Clinical data inventory across cohorts.

Instrument	Category 1	Category 2	Category 3	Category 4	Suggested categories	Informant (who filled the instrument in)	Informee (who the instrument is about)	Study/cohort	timepoint
Addiction Severity Index (ASI)	Addiction	Substance use	Abuse	None		Interviewer	Offspring	KBO	1, 2, 3
Addiction Severity Index (ASI)	Addiction	Substance use	Abuse	None		Interviewer	Offspring	BASYS-Bcn	1
Social Communication Questionnaire (SCQ)	Autism	Communication	Social	None		Parent	Offspring	KBO	1, 2, 3

Table 4. Brain imaging data inventory across cohorts.

Cohort	Timepoint	Modality	Scanner vendor	Scanner model	Scanner field strength	Voxel size	Phase encoding direction(s)	Acceleration factor	Number of diffusion directions	Number of B0s	Bvalue(s)	TR	TE	Eyes open/closed
BASYS-Bcn	1, 2	T1w	Siemens	Magnetom Trio	3T	0.9x0.9x1	AP	2 (GRAPPA)						
BASYS-Bcn	1, 2	DWI	Siemens	Magnetom Prisma	3T	2x2x2	AP	2 (GRAPPA)	30	1	800			
BASYS-Bcn	1, 2	Rs-fMRI	Siemens	Magnetom Prisma	3T	3X3X4	AP	4 (GRAPPA)				2000ms	29ms	closed

Table 5. Genetic data inventory across cohorts.

Cohort	What kind of SNP Chip used	Imputed already (Yes/No)	HRC imputed panel	X-Chromosome Imputed (Yes/No)	1000G Imputed Panel	File Format Used (vcf, plink,etc)	% European Ancestry
BASYS-Bcn	Axiom_SpainBA.r2	Yes	HRC r1.1 2016 (GRCh37/hg19)				

4.4 Defining project-specific research protocols

4.4.1 Genetics

4.4.2 Epigenetics

4.4.3 Neuroimaging

Neuroimaging data will be converted from DICOM image format to nifti format using the dcm2nii converter (Li et al., 2016) and stored according to the Brain Imaging Data Structure (BIDS) specification (Gorgolewski et al., 2016). DICOM data stored within an XNAT (Herrick et al., 2016) instance will have immediate compatibility with FAMILY code for converting to nifti format and conforming to BIDS.

4.4.3.1 T1-weighted Structural MRI

T1-weighted structural MRI data inventory can be found in Appendix 1. These data will be processed through the FreeSurfer analysis suite (Fischl, 2012). Briefly, FreeSurfer is an automated analysis software for structural MRI images which conducts non-brain tissue removal, B1 inhomogeneity correct (signal intensity normalization), tissue segmentation, tessellation of a white and pial surface, estimation of several morphological features (e.g., cortical thickness and folding), automatic anatomical labelling of several structures, and more. FreeSurfer version 7 and higher are eligible for use within FAMILY, with a preference for use of version 7.4.1. No contrasting beyond this on version will be made, however, given the scale of datasets and the high correlation between data produced by version 7.1.1 and version 7.4.1 (identical when using the same operating system; see the reliability analysis between operating systems and FreeSurfer software versions in Appendix 2). Version of FreeSurfer should be noted in the dataset and available for use as a covariate in statistical models. T1-weighted only inputs are preferred, though if T2 or FLAIR inputs were also used this will be accepted, though this must also be noted and available as a covariate for analysis. Standard (default) options are preferred with the recon-all processing stream. If variation from the defaults has been implemented, this should be indicated and documented with the data. The “qcache” stream should be invoked after recon-all processing of streams 1, 2 and 3 have completed, and surface maps will be registered to “fsaverage” space with a single, FWHM smoothing kernel of 10mm. Region of interest (ROI) data will be tabulated with tools bundled with FreeSurfer, namely (e.g., `aparstats2table`, <https://surfer.nmr.mgh.harvard.edu/fswiki/aparstats2table>). A full Standard Operating Procedure for the FreeSurfer processing can be found in Appendix 3 and on the FAMILY Knowledge Base.

4.4.3.2 Diffusion MRI specific processing protocols will be defined during 2026.

4.4.3.3 Resting-state Functional MRI specific processing protocols will be defined during 2026.

4.3.4 Clinical data

a. Categorize available data for all FAMILY cohorts and timepoints in specific domains

Taking into account the specific aims of the FAMILY project, and the availability of specific data across sites informed in the metadata inventory of relevant data across cohorts (section 4.2). The decision was to focus our efforts on the following clinical dimensions:

- Sociodemographic information
- Mental health disorders (diagnoses and symptoms)
- Environment, coping and adjustment
- Physical health and development
- Parental illness characteristics
- Cognition

Within these clinical dimensions, a subset of clinical domains was identified to achieve a higher level of data granularity. The dimensions and domains that were included are displayed in Figure 1.

Figure 1. FAMILY data dimensions and domains

Sociodemographic information	Mental health disorders (diagnoses and symptoms)
Dates and cohort	Diagnosis/symptoms
Age	Comorbidities
Sex	Depression
Group	Mania
Education	Anxiety
Occupation	Attention
Parental Socioeconomic status	Psychosocial functioning
Ethnicity	Social communication and functioning
Environment, coping and adjustment	Behavioural problems
Obstetric complications	Substance use
Medication exposure pregnancy	Attenuated psychotic symptoms
Substance use exposure during pregnancy	Treatment: pharmacological
Life events /stress	Treatment: psychological
Attachment style	Physical health and development
Coping style	Medical diagnosis
Sociability	Treatment:medical
Academic adjustment	Developmental milestones
Substance use	Pubertal stage
Parental illness characteristics	BMI
Diagnosis	Cognition
Age of onset (symptoms)	Full-scale IQ
Number of hospitalizations	
Number of hospitalizations due to manic symptoms	
Number of hospitalizations due to depressive symptoms	
Number of hospitalizations due to psychotic symptoms	
Medication	
Lithium response	

b. Identify an initial set of variables of interest (selection of variables of initial focus)

Based on the specific clinical dimensions and domains identified in the previous steps, a set of the most relevant variables was selected to guide the harmonization process. Figure 2 shows clinical domains and variables of initial focus.

Figure 2. Clinical domains and variables of initial focus.

Sociodemographic information	Mental health disorders (diagnoses and symptoms)	Environment, coping and adjustment
Dates and cohort	Diagnosis/symptoms	Obstetric complications
Assessment date	Diagnosis current	Medication exposure pregnancy
Timepoint	Diagnosis past	Substance use exposure during pregnancy
Cohort	Psychotic Disorder current	Life events /stress
Age	Psychotic Disorder past	Attachment style
Parental Date of Birth	Mood disorder current	Coping style
Parental Age	Mood disorder past	Sociability
Offspring Date of Birth	Anxiety Disorder current	Academic adjustment
Offspring age	Anxiety Disorder past	Substance use
Sex	ADHD current	
Parental sex (index parent)	ADHD past	Physical health and development
Offspring sex	Disruptive behaviour disorder current	Medical diagnosis
Ethnicity	Disruptive behaviour disorder past	Treatment:medical
Group	ASD current	Developmental milestones
Index Parental diagnosis	ASD past	Pubertal stage
Education	Eating disorder current	BMI
Offspring educational level	Eating disorder past	
Parental educational level	Substance use disorder current	Parental illness characteristics
Occupation	Substance use disorder past	Diagnosis
Offspring occupational level	Comorbidities	Age of onset (symptoms)
Parental occupational level	Depression	Age of onset (diagnosis)
Parental Socioeconomic status	Mania	Number of hospitalizations
	Anxiety	Number of hospitalizations due to manic symptoms
	Attention	Number of hospitalizations due to depressive symptoms
	Psychosocial functioning	Number of hospitalizations due to psychotic symptoms
	Social communication and functioning	Medication
	Behavioural problems	Lithium response
	Substance use	
	Attenuated psychotic symptoms	Cognition
	Treatment: pharmacological	Full-scale IQ

c. Identify commonalities in available data across sites

After identifying all clinical dimensions, domains, and variables of interest (ranging from the lowest to the highest level of data granularity), the next step was to identify commonalities in the instruments used to collect this information across different cohorts. To achieve this, we created an Excel spreadsheet to document the overlap of instruments used to collect information about the identified variables of initial focus across all sites. This comprehensive inventory allowed us to assess the consistency and compatibility of data collection methods, facilitating more effective data harmonization. A detailed overview of the instruments used by each cohort for each clinical domain is provided in Appendix 5.

d. Evaluate general harmonization potential and initial database construction.

Using the information gathered, we constructed the initial FAMILY clinical database, incorporating the selected variables and corresponding instruments identified in the previous steps .

Internally within WP2, we decided as a first step to focus on the following key domains:

- Sociodemographic information
- Mental health disorders (diagnoses and symptoms)
 - K-SADS
 - Child Behavior Checklist (CBCL) and Youth Self-Report (YSR)
 - Young Mania Rating Scale (YMRS), Hamilton Depression Rating Scale (HDRS), Scale of Prodromal Symptoms (SOPS), Premorbid Adjustment Scale (PAS), Strengths and Difficulties Questionnaire (SDQ)
- Cognition (Intelligence Quotient)

To ensure a robust harmonization process, we created detailed explanatory Word and Excel documents:

1. Instruction sheet (Word document): This document explains that this is an initial step to collect the most relevant variables and provides detailed guidance on how to complete the database and the submission instructions.
2. Clinical database (Excel file): This file contains two sheets:
 - "*FAMILY Database*": A structured sheet for data entry, where each variable appears in a column to be completed by each cohort.
 - "*FAMILY Database Description*": A sheet providing detailed information on all collected variables, including definition, source, and any relevant coding information.

Both documents are provided in Appendix 6, 7 and 8, serving as a reference to facilitate consistent data integration and usage across all cohorts.

In June 2025, during a WP-2 data harmonization meeting, we discussed the variables from the clinical database, and we brought the following concerns:

- Adding CBCL string variables to specify what were the “Child’s favorite Sports / activities”
- Adding “years of completed education” for Offspring, maternal and paternal educational level variables, and string variable to specify which type of education or equivalence in European scaling system ISCED if needed. As supporting document of education system equivalences between the countries providing a cohort, **Appendix 9** has been generated and added to the annex documents.

The next steps are currently under development:

4.5 Assessing the harmonized data quality

4.6 Preserving the data for future usage and replication

5 LITERATURE REFERENCES

- Fischl, B. (2012). FreeSurfer. *NeuroImage*, 62(2), 774–781. <https://doi.org/10.1016/J.NEUROIMAGE.2012.01.021>
- Gorgolewski, K. J., Auer, T., Calhoun, V. D., Craddock, R. C., Das, S., Duff, E. P., Flandin, G., Ghosh, S. S., Glatard, T., Halchenko, Y. O., Handwerker, D. A., Hanke, M., Keator, D., Li, X., Michael, Z., Maumet, C., Nichols, B. N., Nichols, T. E., Pellman, J., ... Poldrack, R. A. (2016). The brain imaging data structure, a format for organizing and describing outputs of neuroimaging experiments. *Scientific Data* 2016 3:1, 3(1), 1–9. <https://doi.org/10.1038/sdata.2016.44>
- Herrick, R., Horton, W., Olsen, T., McKay, M., Archie, K. A., & Marcus, D. S. (2016). XNAT Central: Open sourcing imaging research data. *NeuroImage*, 124(Pt B), 1093–1096. <https://doi.org/10.1016/J.NEUROIMAGE.2015.06.076>
- Li, X., Morgan, P. S., Ashburner, J., Smith, J., & Rorden, C. (2016). The first step for neuroimaging data analysis: DICOM to NIfTI conversion. *Journal of Neuroscience Methods*, 264, 47–56. <https://doi.org/10.1016/J.JNEUMETH.2016.03.001>

6 APPENDICES

Appendix 1. Data Dictionary



Index

1. App description
2. User guide

Legend

-  Hyperlink
-  Interactive object
-  The object changes according to user input
-  The object provides information

1.1. Tabset panel Here the user can access the content of the app

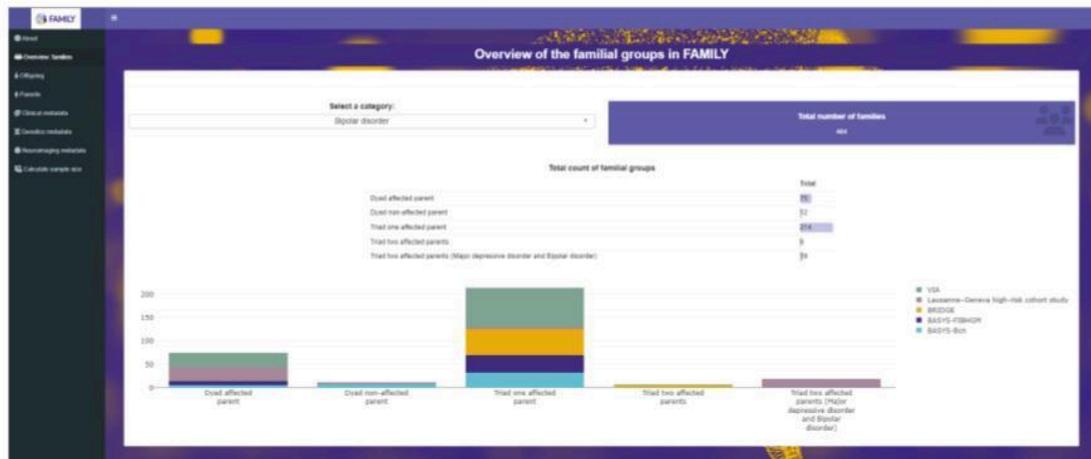


1.2. About tab This tab provides a brief description of the consortium



1.3. Overview families tab

Provides a summary of the recruited familial units within the consortium



1.3. Overview families tab



Here the user can select a parental diagnosis group

1.3. Overview families tab



Provides the total number of recruited family units with the selected index parent diagnostic group

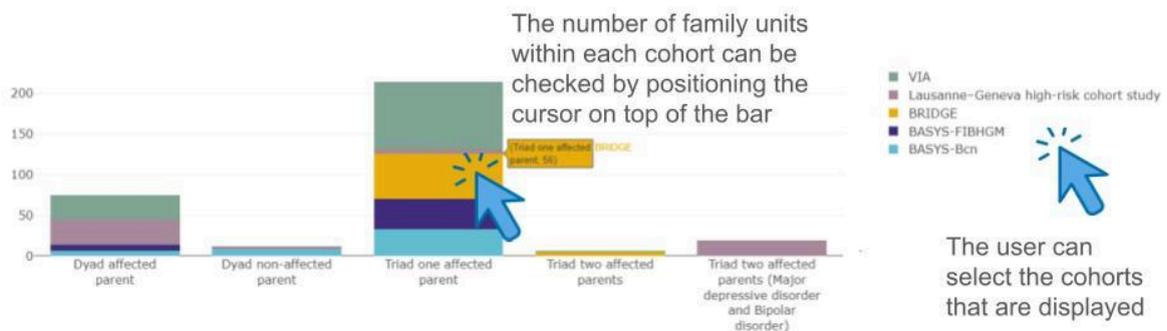
Total count of familial groups

	Total
Dyad affected parent	75
Dyad non-affected parent	12
Triad one affected parent	214
Triad two affected parents	6
Triad two affected parents (Major depressive disorder and Bipolar disorder)	9



Provides the number of family units depending on the selected index parent diagnostic group

1.3. Overview families tab

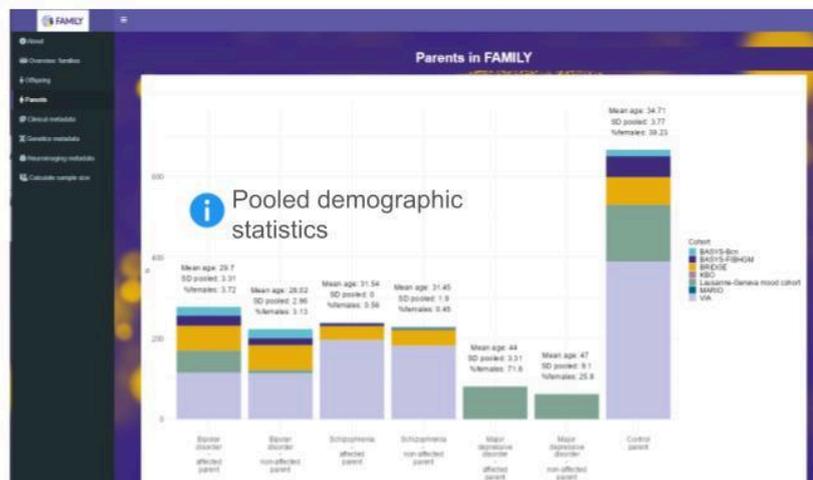


Specifies the cohort of the recruited family units according to the index parent diagnostic group

1.4. Offspring tab Provides a summary of recruited offspring participants within the consortium



1.5. Parents tab Provides a summary of recruited parents within the consortium



1.6. Clinical metadata tab

Provides information about the clinical metadata collected in the consortium

Here you can select a timepoint number and search for a keyword

Timepoint: The user can select the number of timepoints of interest

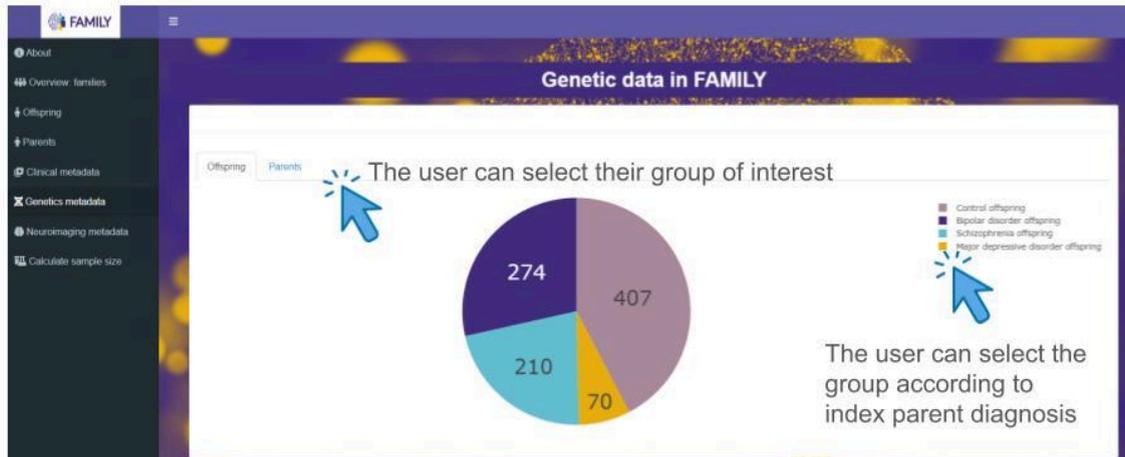
Keyword search: The user can type keywords of interest

Instrument	Informant	Informee	Cohort	No. of timepoints
ADHD Rating Scale			VIA	1, 2, 3
ASEBA Adult Self Report 18+	Offspring	Offspring	BRIDGE, KBO	1, 2, 5
ASEBA Child Behaviour Checklist 6-18	Parent	Offspring	KBO	1, 2, 3, 5
ASEBA Teacher's Report Form 11-18	Teacher	Offspring	BRIDGE	1, 2
ASRS18-VNRS Adult Attention Checklist 18+	Parents	Offspring	KBO	1, 2, 3

Clinical metadata

1.7. Genetic metadata tab

Provides information about the genetic metadata collected in the consortium



1.7. Genetic metadata tab

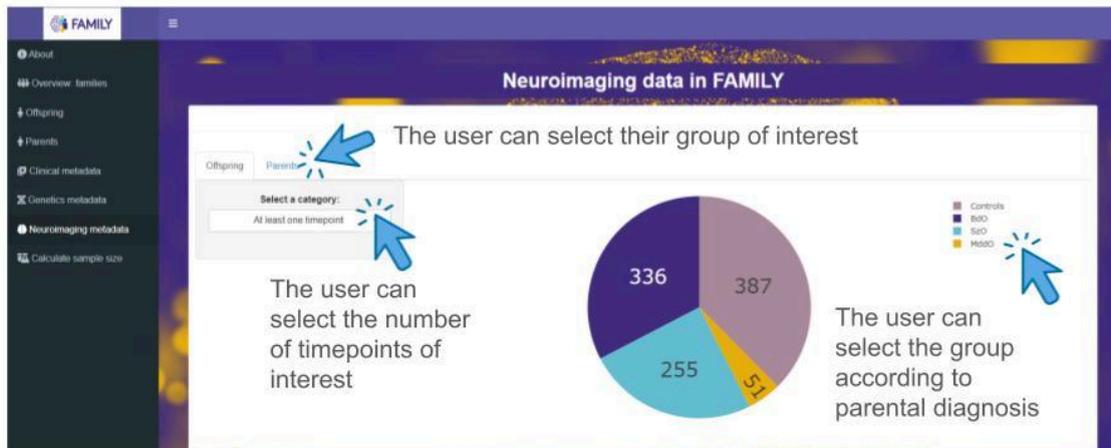
Cohort	What kind of SNP Chip used	Imputed already (Yes/No)	HRC imputed panel	X-Chromosome Imputed (Yes/No)	1000G imputed Panel	File Format Used (vcf, plink, etc)	% European Ancestry
1. BASYS-Bcn	Axiom_SpanBA i2	Yes	HRC r1.1.2016 (GRCh37/hg19)	No	1000G Phase 3 v5 (GRCh37/hg19)	btile, vcf	88.8
2. VIA	Illumina PsychChip v1-1_15073391_C	Yes	HRC r1.1.2016 (GRCh37/hg19)	No	No	plink	After QC, 100%
3. BASYS-FIBHGM	Axiom_SpanBA i2	Yes	HRC r1.1.2016 (GRCh37/hg19)	No	1000G Phase 3 v5 (GRCh37/hg19)	btile, vcf	88.8
4. Lausanne-Geneva high-risk cohort study	Illumina GSAMD; Affy Axiom	Yes	HRC-r1.1.2016 (hg19)	Yes	No	vcf, plink	97

Here the user can type a keyword

Genetic metadata

1.8. Neuroimaging metadata tab

Provides information about the neuroimaging metadata collected in the consortium



1.8. Neuroimaging metadata tab

i Neuroimaging metadata

T1-weighted imaging

Show 10 entries

Cohort	Timepoint	Scanner vendor	Scanner model	Scanner field strength	Voxel size	Phase encoding direction(s)	Acceleration factor	Comment
2	BASYS-Bcn 1,2,3,4	Siemens	Magnetom Trio	3T	0.8x0.8x1	AP	2 (GRAPPA)	

Search:

Diffusion-weighted imaging

Show 10 entries

Cohort	Timepoint	Scanner vendor	Scanner model	Scanner field strength	Voxel size	Phase encoding direction(s)	Acceleration factor	Number of diffusion directions	Number of Bb's	Bvalue(s)	Comment
22	VA 2,3	Siemens	Magnetom Prisma	3T	1.8x1.8x1.8	AP	2(GRAPPA)	80	2	0, 1000	14 b0 images

Search:

Resting-state fMRI

Show 10 entries

Cohort	Timepoint	Scanner vendor	Scanner model	Scanner field strength	Voxel size	Phase encoding direction(s)	Acceleration factor	TR	TE	Eyes open/closed	Comment
30	BRIDGE 45323	Philips	Achava/Ingenia CX	3T	4x4x4 mm	AP	TBD	1600	23	TBD	

Search:

Here the user can type a keyword

1.9. Calculate sample size tab

Allows the user to estimate the sample size available for a preliminary assessment of feasibility of their study

Calculate the estimated sample size of your study

Interested in submitting a project initiation form? Calculate the estimated sample size for your study design

Choose the population you want to study:

- Schizophrenia
- Bipolar disorder
- Major depressive disorder
- Controls

Choose design you are interested in:

- Triad
- Dyad
- Parents
- Offspring

Do you need both parents to have the same diagnosis?

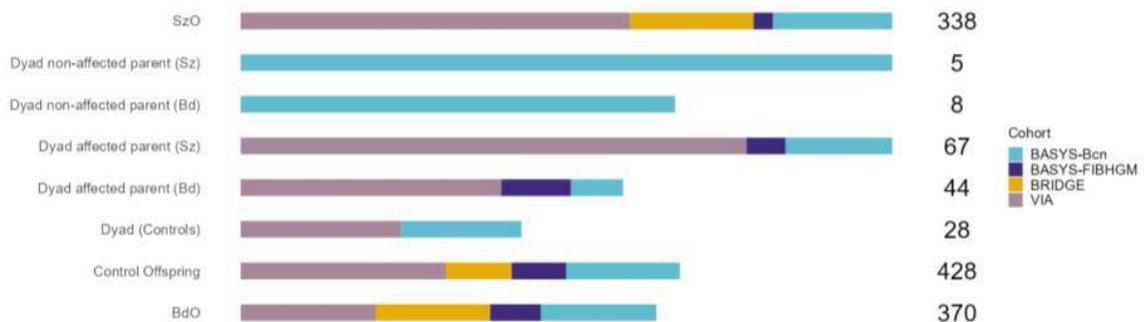
- Yes
- No

Choose the cohorts you are interested in:

- BASYS-Bcn
- BASYS-FIBHGM
- BRIDGE
- KRO
- Leidsche-Geneva
- VIA

The user can choose from the different available options regarding their study design

1.9. Calculate sample size tab



Provides the number of recruited familial groups according to the selection of the user

2. User guide

The app is available on GitHub, which is a public repository

The app can be launched by typing the following r command:

```
```r
shiny::runGitHub("FAMILY data dictionary", "", ref="main",
launch.browser = T)
```
```

2. User guide

The app consists of 6 files:

1. The server (family_datadict_server.R)
2. The user interface (family_datadict_ui.R)
3. The main app (family_datadict.R)
4. README file (README.txt).
5. The folder that contains the icons and images of the app (www)
6. The metadata database (family_metadata_database.R)

Appendix 2. Structural MRI data collection inventory.

| Cohort | T1w data processed with FreeSurfer | FreeSurfer version | Specify the version | Quality control on the processed data | Additional FreeSurfer modules run on T1w data | Quality control on data calculated with any of these modules | DTI data | DTI data processed | Steps included in custom pipeline | MNI template used | T1w-derived measures planning to study other than standard FreeSurfer outputs | DWI-derived measures planning to study other than FA maps |
|--------------|------------------------------------|--------------------|---|---------------------------------------|--|--|----------|-----------------------------|---|----------------------------------|---|--|
| VIA | Yes | v 7 | For baseline VIA11, we used 7.1.1 and partly ENIGMA QC. For the longitudinal analyses of VIA11 and VIA 15, we opted for 7.4.1 and used mri_synthstrip for a brainmask (works much better). Here, we used full ENIGMA QC | Yes, employing custom guidelines | Hippocampal subfields, Hippocampal subfields and nuclei of the amygdala, Thalamic nuclei | No | Yes | Yes, with a custom pipeline | Brain extraction, EDDY, Tensor fit, Non-linear registration, Qsiprep, tractseg, ENIGMA tbss (with edited template), fixel | Have to check. Will get back :-) | MP2RAGE derived myelin map. Structural connectivity. Cross-sectional, we also used SAMSEG. Sulci (Brainvisa). Others (e.g. VBM,DBM) not decided on. | tractography profiles, fixel, other diffusivities (MD, RD, AD). Structural connectivity. |
| BASYS-Madrid | No | | | | | | Yes | No | | | | |
| COPSYCH | Yes | v 7 | 7.1.1 | Yes, using ENIGMA guidelines | SAMSEG | No | Yes | Yes, with a custom pipeline | Brain extraction, EDDY, Tensor fit, Non-linear | Built-in FSL template | PVE maps, Local Gyrification Index, hippocampal | ND, FD, FC, FDC, Tractseg, Connectome measures |

| | | | | | | | | registration,
denoise | subfields,
thalamic nuclei | | | |
|---------------------|-----|-----|-------|------------------------------|--|------------------------------|-----|--|-------------------------------|-----------------------|----|----|
| BRIDGE | Yes | v 6 | v6.0 | Yes, using ENIGMA guidelines | None yet | Yes, using ENIGMA guidelines | Yes | Yes, with an ENIGMA pipeline | Enigma | Built-in FSL template | No | No |
| BASYS-
Barcelona | Yes | v 7 | 7.1.1 | Yes, using ENIGMA guidelines | Hippocampal subfields and nuclei of the amygdala | No | Yes | No | | | No | No |

Appendix 3. Imaging harmonization: reliability between operating systems (OS) and FreeSurfer (FS) software versions.

Summary:

For imaging harmonization purposes, we assessed the consistency of brain measurements obtained with different FreeSurfer (FS) versions and/or different operating systems (OS).

Methods:

We obtained all brain measures generated by FS after running the segmentation procedure. Measures included subcortical volumes, cortical thickness, and surface area for all regions of interest.

We tested two FS versions (7.1.1 and 7.4.1) and two OS (CentOS 8 and Ubuntu 22). Intraclass correlation coefficients (ICC) across FS versions and OS were calculated for each brain measure.

Results:

Segmentation outputs (subcortical volumes, cortical thickness, and surface area) were identical between FS 7.1.1 and FS 7.4.1 when the same OS was used.

Differences were found for all segmentation outputs between OS (CentOS 8 and Ubuntu 22), even when the same FS version was used (see Table 1).

- Subcortical volumes:
 - Mean ICC: 0.96
 - Number of regions with ICC < 0.9: 0
 - Lowest ICC: 0.91 (left pallidum)

- Cortical thickness:
 - Mean ICC: 0.95
 - Mean ICC of global cortical thickness measures: 0.99
 - Number of regions with ICC < 0.9: 4
 - Lowest ICC: 0.77 (left pars triangularis)

- Surface area:
 - Mean ICC: 0.95
 - Mean ICC of global surface area measures: 0.99
 - Number of regions with ICC < 0.9: 9
 - Lowest ICC: 0.83 (right insula)

Conclusions:

It is safe to assume that brain measurements are identical for FS 7.1.1 and 7.4.1, as long as the same OS is used.

Even though segmentation outputs differ across OS, brain measurements are robust (high ICC), particularly for subcortical structures and global measures of cortical thickness and surface area.

Caution must be taken when interpreting results involving brain areas showing relatively low ICC (e.g., cortical thickness of the left pars triangularis or surface area of the right insula) if mixing segmentation outputs derived from different OS.

Table 1.

| Region | ICC | Region | ICC | Region | ICC |
|-----------------------------------|-------|------------------------------------|-------|-------------------------------------|-------|
| RLatVent | 1 | L_paracentral_thickavg | 0.977 | R_caudalmiddlefrontal_thickavg | 0.949 |
| LLatVent | 0.999 | L_superiorfrontal_thickavg | 0.977 | R_entorhinal_thickavg | 0.949 |
| LSurfArea | 0.999 | L_isthmuscingulate_surfavg | 0.977 | R_rostralmiddlefrontal_surfavg | 0.948 |
| RSurfArea | 0.997 | R_caudalanteriorcingulate_surfavg | 0.977 | Raccumb | 0.947 |
| L_superiorparietal_surfavg | 0.996 | R_lingual_thickavg | 0.976 | L_medialorbitofrontal_thickavg | 0.947 |
| L_postcentral_surfavg | 0.994 | Rthal | 0.975 | L_posteriorcingulate_thickavg | 0.947 |
| L_precentral_surfavg | 0.994 | L_bankssts_surfavg | 0.974 | Lput | 0.946 |
| L_precuneus_surfavg | 0.994 | L_fusiform_surfavg | 0.973 | R_posteriorcingulate_thickavg | 0.945 |
| L_rostralmiddlefrontal_surfavg | 0.994 | R_bankssts_surfavg | 0.973 | R_cuneus_surfavg | 0.944 |
| L_lingual_surfavg | 0.993 | R_lateraloccipital_surfavg | 0.972 | R_superiorparietal_surfavg | 0.944 |
| L_pericalcarine_surfavg | 0.993 | L_pericalcarine_thickavg | 0.971 | L_isthmuscingulate_thickavg | 0.943 |
| L_supramarginal_surfavg | 0.993 | R_superiorfrontal_thickavg | 0.971 | L_parsorbitalis_thickavg | 0.943 |
| R_middletemporal_surfavg | 0.993 | Lthal | 0.97 | R_frontalpole_thickavg | 0.941 |
| L_caudalmiddlefrontal_surfavg | 0.992 | L_parsopercularis_thickavg | 0.969 | R_pericalcarine_surfavg | 0.941 |
| Lcaud | 0.991 | R_transversetemporal_thickavg | 0.969 | R_temporalpole_thickavg | 0.94 |
| R_superiortemporal_thickavg | 0.99 | R_isthmuscingulate_surfavg | 0.969 | L parahippocampal_surfavg | 0.94 |
| Lthickness | 0.99 | Lhippo | 0.968 | R_cuneus_thickavg | 0.938 |
| R_superiorparietal_thickavg | 0.989 | L_lateralorbitofrontal_thickavg | 0.967 | R_rostralanteriorcingulate_thickavg | 0.937 |
| Rthickness | 0.989 | L_lingual_thickavg | 0.967 | R_superiorfrontal_surfavg | 0.936 |
| L_cuneus_surfavg | 0.989 | R_precuneus_surfavg | 0.967 | R_supramarginal_surfavg | 0.936 |
| L_parsopercularis_surfavg | 0.989 | L_inferiortemporal_thickavg | 0.965 | L_frontalpole_thickavg | 0.935 |
| L_inferiorparietal_surfavg | 0.988 | L_parsorbitalis_surfavg | 0.965 | R_medialorbitofrontal_surfavg | 0.932 |
| R_inferiortemporal_surfavg | 0.988 | R_lingual_surfavg | 0.965 | L_insula_thickavg | 0.931 |
| R_superiortemporal_surfavg | 0.988 | L_postcentral_thickavg | 0.964 | Laccumb | 0.93 |
| Rcaud | 0.987 | R_parsopercularis_thickavg | 0.963 | R_postcentral_thickavg | 0.929 |
| R_inferiorparietal_surfavg | 0.987 | R_parsorbitalis_surfavg | 0.963 | L_insula_surfavg | 0.926 |
| L_parstriangularis_surfavg | 0.986 | R_parstriangularis_thickavg | 0.962 | R_precentral_thickavg | 0.924 |
| L_middletemporal_thickavg | 0.985 | L_rostralanteriorcingulate_surfavg | 0.962 | R_precentral_surfavg | 0.924 |
| R_inferiorparietal_thickavg | 0.985 | L_transversetemporal_thickavg | 0.961 | L_precentral_thickavg | 0.922 |
| L_middletemporal_surfavg | 0.985 | R_parsorbitalis_thickavg | 0.961 | L_entorhinal_thickavg | 0.92 |
| L_lateraloccipital_thickavg | 0.984 | R_rostralmiddlefrontal_thickavg | 0.96 | R parahippocampal_surfavg | 0.918 |
| L_caudalanteriorcingulate_surfavg | 0.984 | L_inferiortemporal_surfavg | 0.96 | R_parstriangularis_surfavg | 0.918 |
| L_posteriorcingulate_surfavg | 0.984 | L_temporalpole_thickavg | 0.959 | R_postcentral_surfavg | 0.918 |
| L_superiorfrontal_surfavg | 0.984 | R_caudalanteriorcingulate_thickavg | 0.959 | L_medialorbitofrontal_surfavg | 0.917 |
| R_posteriorcingulate_surfavg | 0.984 | R_rostralanteriorcingulate_surfavg | 0.959 | Rpal | 0.915 |
| L_bankssts_thickavg | 0.983 | L parahippocampal_thickavg | 0.958 | L_lateraloccipital_surfavg | 0.915 |
| L_cuneus_thickavg | 0.983 | Rhippo | 0.957 | R_entorhinal_surfavg | 0.912 |
| L_precuneus_thickavg | 0.983 | L_fusiform_thickavg | 0.957 | Lpal | 0.905 |
| L_superiortemporal_thickavg | 0.983 | L_paracentral_surfavg | 0.957 | L_rostralanteriorcingulate_thickavg | 0.9 |
| R_middletemporal_thickavg | 0.983 | Ramyg | 0.956 | R_caudalmiddlefrontal_surfavg | 0.888 |
| L_lateralorbitofrontal_surfavg | 0.983 | R_isthmuscingulate_thickavg | 0.956 | R_pericalcarine_thickavg | 0.882 |
| L_inferiorparietal_thickavg | 0.982 | L_transversetemporal_surfavg | 0.956 | L_entorhinal_surfavg | 0.88 |
| R_precuneus_thickavg | 0.982 | L_superiorparietal_thickavg | 0.955 | R_lateralorbitofrontal_surfavg | 0.879 |
| L_supramarginal_thickavg | 0.981 | R parahippocampal_thickavg | 0.955 | R_insula_thickavg | 0.878 |
| R_supramarginal_thickavg | 0.981 | R_transversetemporal_surfavg | 0.954 | R_temporalpole_surfavg | 0.878 |
| R_fusiform_surfavg | 0.981 | R_lateralorbitofrontal_thickavg | 0.953 | L_frontalpole_surfavg | 0.868 |
| R_bankssts_thickavg | 0.98 | Rput | 0.951 | R_parsopercularis_surfavg | 0.865 |
| R_lateraloccipital_thickavg | 0.98 | L_caudalanteriorcingulate_thickavg | 0.951 | R_frontalpole_surfavg | 0.85 |
| L_superiortemporal_surfavg | 0.98 | L_rostralmiddlefrontal_thickavg | 0.951 | L_temporalpole_surfavg | 0.83 |
| Lamyg | 0.978 | R_medialorbitofrontal_thickavg | 0.95 | R_insula_surfavg | 0.828 |
| L_fusiform_thickavg | 0.978 | R_paracentral_thickavg | 0.95 | L_caudalmiddlefrontal_thickavg | 0.788 |
| R_inferiortemporal_thickavg | 0.978 | R_paracentral_surfavg | 0.95 | L_parstriangularis_thickavg | 0.774 |

Appendix 4. Structural Imaging Processing Requirements for FHR Cohorts in FAMILY.

(V1.1 / December 2025)

The purpose of these guidelines is to ensure consistency, quality, transparency, and comparability across all Familial High-Risk (FHR) and other contributing cohorts in the FAMILY consortium. By aligning with state-of-the-art neuroimaging pipelines and the ENIGMA FreeSurfer protocol, they support the FAIR principles (Findable, Accessible, Interoperable, Reusable) to enable robust, reproducible research and effective data reuse. Using a consistent processing pipeline also harmonizes outputs across sites, improving comparability and integration of datasets.

The FAMILY Consortium structural imaging processing requirements are as follows:

1. Structural MRI data from all FHR and contributing cohorts must be processed according to the [ENIGMA guidelines](#) for cortical and subcortical data extraction employing [FreeSurfer](#), with a preference for version.7.4.1.
2. Hippocampal subfields analysis (strong preference for version 7.4.1) must be performed following these instructions from the [FreeSurferWiki](#). Note that MATLAB Runtime is required (either 2014b or 2019b if using FreeSurfer 7.1.1 or 7.4.1, respectively). Next, place this [script](#) (provided in the Family GitHub) in the directory containing participants' folders to extract hippocampal volumes into a CSV file (hippocampal_subfields.csv).
3. Quality control (QC) of FreeSurfer outputs should be performed wherever possible and in accordance with [ENIGMA guidelines](#). Since there is no ENIGMA QC standard for subcortical structures, please visually inspect the .html file generated by the ENIGMA FreeSurfer QC pipeline and indicate in the corresponding QC ratings file whether the subcortical structure segmentations respect reasonable anatomical boundaries. These QC guidelines are still under review and are subject to change.

If Cohorts have quality ratings for version 7.1 but are submitting outputs for version 7.4.1 and can't run QC for this version, please share the 7.1 ratings, as the outputs are identical between versions, as long as the same operating system was used for both runs.

If Cohorts do not have the possibility of performing QC, they should contact WP2 team members (family@erasmusmc.nl) to explore other options.

4. **Operating system versions should be kept consistent across all processing pipelines and for all the datasets within each site in order to minimize variability.**
5. Operating system version, FreeSurfer Version, and quality metrics need to be extracted using the provided [Family GitHub script](#).
6. Processed outputs and accompanying metrics must be uploaded to the Digital Research Environment (DRE) following the FAMILY standard operating procedures for data submission and format. These include:
 1. CorticalMeasuresENIGMA_ThickAvg.csv
 2. CorticalMeasuresENIGMA_SurfAvg.csv
 3. template_Cortical_QC_ENIGMA_dataset.xlsx
 4. LandRvolumes.csv
 5. template_Subcortical_QC_ENIGMA_dataset.xlsx
 6. hippocampal_subfields.csv
 7. .csv file generated by *FAMILY_extract_info_ENIGMA.py* containing:
 1. subject_dir: subject folder name

2. platform: operating system type
3. platform_version: kernel or OS version
4. freesurfer_release: exact FreeSurfer release used
5. lh_surfaceholes: number of surface holes on the left hemisphere (quality metric)
6. rh_surfaceholes: number of surface holes on the right hemisphere (quality metric)

Appendix 5. Detailed overview of the instruments used by each cohort for each clinical domain.

| Dimension | Domain | Variable | Familial High-Risk Cohort | | | | | | |
|--|--------------------|--|---------------------------|---------------|--------|---------|----------|-----|---|
| | | | BASYS
-BCN | BASYS
-MAD | BRIDGE | KB
O | Lausanne | VIA | |
| Mental health disorders (diagnoses and symptoms) | Substance use | Measured | | | | | | | |
| Mental health disorders (diagnoses and symptoms) | Substance use | Addiction Severity Index (ASI) | 1 | 1 | | 1 | | | |
| Mental health disorders (diagnoses and symptoms) | Substance use | Composite International Diagnostisc Interview - drug section (CIDI) | | | | 1 | | | |
| Mental health disorders (diagnoses and symptoms) | Substance use | Teen Addiction Severity Index (Teen-ASI) | 1 | 1 | | | | | |
| Mental health disorders (diagnoses and symptoms) | Diagnosis/symptoms | Assessed | | | | | | | |
| Mental health disorders (diagnoses and symptoms) | Diagnosis/symptoms | Diagnostic Interview for Genetic Studies (DIGS) | | | | | | 1 | |
| Mental health disorders (diagnoses and symptoms) | Diagnosis/symptoms | Kiddie-Schedule for Affective Disorders & Schizophrenia-Epidemiologic Version (K-SADS-E) | | | | | | 1 | |
| Mental health disorders (diagnoses and symptoms) | Diagnosis/symptoms | Dominic interview | | | | | | 1 | |
| Mental health disorders (diagnoses and symptoms) | Diagnosis/symptoms | Medical history | 1 | 1 | | | | | |
| Mental health disorders (diagnoses and symptoms) | Diagnosis/symptoms | International Diagnostic Criteria List | | | | | 1 | | |
| Mental health disorders (diagnoses and symptoms) | Diagnosis/symptoms | Kiddie- Life Events and Difficulties Schedule | | | | 1 | 1 | | |
| Mental health disorders (diagnoses and symptoms) | Diagnosis/symptoms | Kiddie-Schedule for Affective Disorders & Schizophrenia, Present & Lifetime Version (K-SADS) | 1 | 1 | 1 | 1 | | | 1 |
| Mental health disorders (diagnoses and symptoms) | Diagnosis/symptoms | Schedules for clinical assessment in neuropsychiatry (SCAN 2.1) | | | | | | | 1 |
| Mental health disorders (diagnoses and symptoms) | Diagnosis/symptoms | Diagnostic Interview for Headache Syndromes (DIHS) | | | | | | 1 | |
| Mental health disorders (diagnoses and symptoms) | Diagnosis/symptoms | Structured Clinical Interview for DSM-4® Disorders (As I) 18+ (SCID) | 1 | 1 | 1 | 1 | | | |
| Mental health disorders (diagnoses and symptoms) | Depression | Measured | | | | | | | |

| | | | | | | | | | |
|--|------------|--|---|---|---|---|---|---|---|
| Mental health disorders (diagnoses and symptoms) | Depression | Hamilton Depressive Rating Scale (HDRS) | 1 | 1 | | | | | |
| Mental health disorders (diagnoses and symptoms) | Depression | Hamilton Depression Rating Scale (HAM-D6) | | | | | | | 1 |
| Mental health disorders (diagnoses and symptoms) | Depression | Child Behavior Checklist (CBCL) | | | 1 | 1 | 1 | 1 | 1 |
| Mental health disorders (diagnoses and symptoms) | Depression | Strengths and Difficulties Questionnaire (SDQ) | 1 | 1 | | | | | |
| Mental health disorders (diagnoses and symptoms) | Depression | Adult Behaviour Checklist (18+) | | | 1 | 1 | | | |
| Mental health disorders (diagnoses and symptoms) | Depression | Young Adult Self Report 18+ (ASEBA) | | | | | 1 | | |
| Mental health disorders (diagnoses and symptoms) | Depression | Inventory of Depressive Symptoms | | | | | 1 | | |
| Mental health disorders (diagnoses and symptoms) | Mania | Measured | | | | | | | |
| Mental health disorders (diagnoses and symptoms) | Mania | Child Mania Rating Scale (CMRS) | 1 | 1 | | | 1 | | |
| Mental health disorders (diagnoses and symptoms) | Mania | Young Mania Rating Scale (YMRS) | 1 | 1 | | | | | |
| Mental health disorders (diagnoses and symptoms) | Mania | General Behavior Inventory 14+ | | | 1 | 1 | | | |
| Mental health disorders (diagnoses and symptoms) | Mania | Questionnaire Bipolar Disorders A | | | | | 1 | | |
| Mental health disorders (diagnoses and symptoms) | Anxiety | Measured | | | | | | | |
| Mental health disorders (diagnoses and symptoms) | Anxiety | State-Trait Anxiety Inventory (STAI) | | | | | | 1 | |
| Mental health disorders (diagnoses and symptoms) | Anxiety | State-Trait Anxiety Inventory for Children | | | | | | 1 | 1 |
| Mental health disorders (diagnoses and symptoms) | Anxiety | Child Behavior Checklist (CBCL) | | | 1 | 1 | 1 | 1 | 1 |
| Mental health disorders (diagnoses and symptoms) | Anxiety | Strengths and Difficulties Questionnaire (SDQ) | 1 | 1 | | | | | |
| Mental health disorders (diagnoses and symptoms) | Anxiety | Conners' Parent Rating Scale (CPRS) | 1 | 1 | | | | | |

| | | | | | | | | | |
|--|--------------------------------------|---|---|---|---|---|---|---|---|
| Mental health disorders (diagnoses and symptoms) | Attention | Measured | | | | | | | |
| Mental health disorders (diagnoses and symptoms) | Attention | ADHD Rating Scale | | | | | | | 1 |
| Mental health disorders (diagnoses and symptoms) | Attention | Child Behavior Checklist (CBCL) | | | 1 | 1 | 1 | 1 | |
| Mental health disorders (diagnoses and symptoms) | Attention | Adult Behaviour Checklist (18+) | | | 1 | 1 | | | |
| Mental health disorders (diagnoses and symptoms) | Attention | Strengths and Difficulties Questionnaire (SDQ) | 1 | 1 | | | | | |
| Mental health disorders (diagnoses and symptoms) | Social communication and functioning | Measured | | | | | | | |
| Mental health disorders (diagnoses and symptoms) | Social communication and functioning | Social responsiveness scale 3-18 | | | 1 | | | | 1 |
| Mental health disorders (diagnoses and symptoms) | Social communication and functioning | Social Communication Questionnaire (SCQ) | 1 | 1 | | 1 | | | 1 |
| Mental health disorders (diagnoses and symptoms) | Social communication and functioning | Childrens Communication Checklist II (CCC-2) | | | | | | | 1 |
| Mental health disorders (diagnoses and symptoms) | Psychosocial functioning | Measured | | | | | | | |
| Mental health disorders (diagnoses and symptoms) | Psychosocial functioning | Children's Global Assessment Scale (C-GAS) | | 1 | | | | | 1 |
| Mental health disorders (diagnoses and symptoms) | Psychosocial functioning | Global Functioning Scale (GAF) | 1 | 1 | | | | | |
| Mental health disorders (diagnoses and symptoms) | Psychosocial functioning | Clinical Global Impressions Scale (CGI) | 1 | 1 | | | | | |
| Mental health disorders (diagnoses and symptoms) | Attenuated psychotic symptoms | Measured | | | | | | | |
| Mental health disorders (diagnoses and symptoms) | Attenuated psychotic symptoms | Scale of Prodromal Symptoms (SOPS) | 1 | 1 | | | | | |
| Mental health disorders (diagnoses and symptoms) | Attenuated psychotic symptoms | Comprehensive Assessment of At Risk Mental State 14+ (CAARMS) | | | 1 | | | | |
| Mental health disorders (diagnoses and symptoms) | Attenuated psychotic symptoms | Schizotypal Personality Questionnaire-Brief (SPQ-B) | 1 | 1 | | | | | 1 |
| Mental health disorders (diagnoses and symptoms) | Attenuated psychotic symptoms | Adult Behaviour Checklist (18+) | | | 1 | 1 | | | |

| | | | | | | | | |
|-----------------------------------|--------------------------|--|---|---|---|---|---|---|
| Attachment, coping and adjustment | Coping | Measured | | | | | | |
| Attachment, coping and adjustment | Coping | Utrechtse Coping List (UCL) | | 1 | 1 | | | |
| Attachment, coping and adjustment | Coping | Child and Youth Resilience Measure, short version (CYRM) | | | | | | 1 |
| Attachment, coping and adjustment | Coping | Daily Hassles Evaluation Scale | | | | | 1 | |
| Attachment, coping and adjustment | Coping | Euronet Problem Resolution Strategy | | | | | 1 | |
| Attachment, coping and adjustment | Life events/stress | Measured | | | | | | |
| Attachment, coping and adjustment | Life events/stress | Stressful life events schedule for children (SLES-C) | 1 | 1 | | | | |
| Attachment, coping and adjustment | Life events/stress | Stressful life events schedule for adolescents (SLES-A) | 1 | 1 | | | | |
| Attachment, coping and adjustment | Life events/stress | Short life-event interview of Amiel-Lebigre | | | | | 1 | |
| Attachment, coping and adjustment | Life events/stress | Bullying/Victim Questionnaire | | | | | | 1 |
| Attachment, coping and adjustment | Life events/stress | Daily Life Stressor (DLSS) (amended) | | | | | | 1 |
| Attachment, coping and adjustment | Life events/stress | Daily Hassles Evaluation Scale | | | | | 1 | |
| Attachment, coping and adjustment | Life events/stress | Childhood Trauma Questionnaire 14+ | | 1 | 1 | 1 | | |
| Attachment, coping and adjustment | Life events/stress | Childhood Trauma Screener (CTS) | | | | | | 1 |
| Attachment, coping and adjustment | Life events/stress | Junior High Life Experiences Survey | | | | | 1 | |
| Physical health and development | Developmental milestones | Measured | | | | | | |
| Physical health and development | Development milestones | Developmental Milestones | 1 | 1 | | | | |
| Physical health and development | Development milestones | Developmental Anamnese | | | | | 1 | |
| Physical health and development | Obstetric complication | Measured | | | | | | |
| Physical health and development | Obstetric complication | Obstetric Complications Scale | 1 | 1 | | | | |

FAMILY database - Step 1. Instruction sheet

Current version: 1.4

This document provides guidelines for completing the Family database – Stage 1. This database will allow to pool together data across cohorts within the consortium. The current variables have been selected given their relevance to the primary objectives of FAMILY. Collecting this information will ultimately benefit all members of the consortium.

The database focuses on the following key domains:

- **Sociodemographic information**
- **Mental health disorders (diagnoses and symptoms)**
 - K-SADS
 - Young mania rating scale (YMRS), Hamilton depression rating scale (HDRS), Scale of prodromal symptoms (SOPS), premorbid adjustment scale (PAS), Strength and difficulties questionnaire (SDQ)
- **Cognition** Estimated intelligence quotient
- **Behavioral problems and overall functioning**
 - Child behavior checklist (CBCL), Youth self-report (YSR), Adult behavior checklist (ABCL) and Adult self-report (ASR)

The Excel file contains two sheets:

- "FAMILY Database" – This sheet is structured for data entry, where each variable appears in a row to be completed by each cohort.
- "FAMILY Database Description" – This sheet provides detailed information on all collected variables, including their characteristics and coding for categorical variables.

Please complete the *FAMILY database – Stage 1* following the instructions below.

● General guidelines

- Ensure all data is entered accurately and consistently.
- Use the provided template to maintain uniformity across cohorts.
- Each row should correspond to a single individual at a specific timepoint. Therefore, there will be multiple rows for an individual across different timepoints.
- For missing variables, we propose the following structure: NA = -9999, missing = -8888. If there is no data on a given variable because it was not necessary for the participant to fill in or not relevant for any other reason, rate

-9999. If, however, the participant should have had data on that variable (e.g., “age” is missing), rate as -8888.

- Never add, remove or change variable order.
- Use the specified coding system for categorical variables.
- Each instrument provides additional rows to indicate whether the corresponding instrument has been administered to the participant, as well as the date (year-month) and age of the participant at the time of administration.
- If you have any questions, please contact WP-2 before completing the database (family@erasmusmc.nl).

• Data entry format

- **Numeric values:** Use decimal points (e.g., 12.5, not 12,5).
- **Dates:** Follow the format YYYY-MM (e.g., 2025-02).
- **String variables:** Write as provided by participant.
- **Missing data:** NA = -9999, missing = -8888.

• Variable-specific instructions:

Although all information is provided in the FAMILY Database Description sheet, we provide additional guidance for the following variables:

3.1 Sociodemographic information:

- **Age:** For data protection purposes, we only request the year and month of birth for both parents and offspring. However, each cohort must calculate and provide the exact age in months of both parents and offspring. To ensure consistency across cohorts, please calculate participants' age in months (decimal format) using R or a similar program. We recommend using the `age_calc()` function from the `lubridate` or `eptools` package.

Required format:

Age should be expressed in years with decimals (e.g., 12.75 for 12 years and 9 months).

The reference date for calculation should be the date of clinical assessment.

The date of birth (`dob`) and the reference date (`enddate`) should be in Date format (YYYY-MM-DD).

R Code for Age Calculation:

```
library(eptools)
```

```
FAMILY_Database$age <- age_calc(dob = FAMILY_Database $date_of_birth,  
enddate = Clinical_Database $ clinical_assessment_date, units = "months", precise  
= TRUE)
```

Important notes:

Ensure date of birth and date of assessment are in Date format **before applying the function**.

Double-check that all ages are calculated in months (decimal format) and not in months or days.

- **GAF and C-GAS:** The Global Assessment of Functioning scale and the Children's Global Assessment Scale both provide a score for global functioning of the participant (range: 1-100, 0 = inadequate information).
- 2. **YMRS:** The Young Mania Rating Scale is an instrument used to evaluate manic symptoms. Individual items are requested.
- 3. **HDRS:** The Hamilton Rating Scale for Depression evaluates depression symptoms. Individual items are requested.
SOPS: The Scale of Prodromal Symptoms evaluates the psychotic symptoms present. Individual items are requested.
- 4. **PAS:** The Premorbid Adjustment Scale assesses the participant's functioning in various domains (sociability, peer relationships, and school performance). Subscale scores for the different age groups are requested.
- 5. **SDQ:** We also aim to collect individual items, raw scores, and T-scores for all subscales. Again, please note that raw subscale scores are calculated as the sum of the items within each subscale, and T-scores for the sum of subscales are also derived using normative data.

3.3 Cognition

We request the estimated intelligence quotient score, which should be calculated as the total score derived from various subtests. Additionally, we ask for verbal IQ, a composite score based on the verbal subtests, and visual IQ, a composite score based on the visual subtests.

Important note: We are asking for composite scores, (index score, mean 100, SD 15, calculated using normative data), not raw scores.

3.4 Behavioral problems

- **CBCL, ABCL, YSR, ASR:** We aim to collect data on the preliminary questions of the questionnaire as well as all the items and the raw and T-scores of the subscales. Please note that raw subscale scores are calculated as the sum of the items within each subscale, while T-scores are derived using normative data.
- **CBCL:** additional variables have been added to provide string information. The text can be added as filled in by participant.

- **Quality control checks:**

- Before submission, please verify that all required fields are completed.

- Double-check the correct format for each variable.
 - Ensure no duplicate IDs are entered.
-
- **Submission instructions:**
 - Save the completed file as 'CohortName_Date.xlsx'.
 - When ready, upload the file to the DRE. Instruction will be provided as soon as possible.
 - If any errors or missing data are later identified, inform WP-2 as soon as possible.

Thank you for your cooperation in ensuring accurate and harmonized data!

Please remember that if you have any questions, you can contact us at: family@erasmusmc.nl.

Appendix 7. FAMILY Clinical database description (Excel file)

| Domain | Instrument | Variable | Variable name | Variable description | Type | Format/length | Variable values |
|------------------------------|--------------------------|------------------------------|--------------------------|------------------------------|-------------|----------------------------|--|
| Sociodemographic information | | Subject ID | subject_id | Subject ID | Numeric | | |
| | | Family ID | family_id | Family ID | Numeric | | |
| | | Informed consent signed date | ic_date | Informed consent signed date | Date | YYYY-MM | |
| | | Timepoint | timepoint | Timepoint | Numeric | Enumeration | 1=visit 1; 2=visit 2; 3=visit 3; 4=visit 4; 5=visit 5;6=visit 6 |
| | | Cohort | cohort | Cohort | Numeric | Enumeration | 1=BASYS-BCN; 2=BASYS-MAD; 3=BRIDGE; 4=KBO; 5=Lausanne; 6=VIA; 7=MARIO; 8=COPSYCH |
| | | Maternal Age | maternal_age | Maternal Age | Numeric | | |
| | | Maternal year of birth | maternal_year_birth | Maternal year of birth | Date | YYYY-MM | |
| | | Paternal Age | paternal_age | Paternal Age | Numeric | | |
| | | Paternal year of birth | paternal_year_birth | Paternal year of birth | Date | YYYY-MM | |
| | | Offspring age | offspring_age | Offspring age | Numeric | | |
| | | Offspring year of birth | offspring_year_birth | Offspring year of birth | Date | YYYY-MM | |
| | | Parental sex (index parent) | parental_index_sex | Parental sex (index parent) | Numeric | Enumeration | 1=male; 2=female |
| | | Offspring sex | offspring_sex | Offspring sex | Numeric | Enumeration | 1=male; 2=female |
| | | Ethnicity | ethnicity | Ethnicity | Numeric | Enumeration | 1=caucasian; 2=black african; 3=black caribbean; 4=hispanic; 5=other |
| | Index Parental diagnosis | parental_diagnosis | Index Parental diagnosis | Numeric | Enumeration | 1=SzO; 2=BpO; 3=MdO; 4=CcO | |

| | | | | | | |
|--|---|--|---|---------|-------------|---|
| | Offspring years of completed education | offspring_completed_education_years | Offspring years of completed education | Numeric | Enumeration | 1=grade 1 primary level; 2=grade 2 primary level; 3= grade 3 primary level; 4=grade 4 primary level; 5=grade 5 primary level;6=grade 6 secondary level; 7=grade 1 secondary level; 8=grade 2 secondary level; 9=grade 3 secondary level; 10=grade 4 secondary level; 11 = grade 5 secondary level; 12= grade 6 secondary level; 13= year 1 university / professional training ; 14= year 2 university / professional training; 15= year 3 university / professional training; 16= year 4 university / professional training; 17= year 5 university / professional training; 18= year 6 university / professional training; 19= year 7 university / professional training; 20= year 8 university / professional training; 21= year 9 university / professional training; 22= year 10 university / professional training; 23= year 11 university / professional training; 24= year 12 university / professional training; 25= year 13+ university / professional training |
| | Offspring years of completed education (open) | offspring_completed_education_years_open | Offspring years of completed education (open) | string | | |
| | Maternal educational level | maternal_education_level | Maternal educational level | Numeric | Enumeration | 7=graduate/professional training, 6= standard college or university graduation, 5=partial college, at least one year of specialized training, 4= high school graduate, 3=partial high school, 10th or 11th grade, 2= junior high school, including 9th grade, 1= less than |

| | | | | | | |
|--|---------------------------------------|------------------------------------|---------------------------------------|--|---------|---|
| | | | | | | 7th grade, 0=not applicable or unknown. |
| | Maternal educational level (open) | maternal_education_level_open | Maternal educational level (open) | | | |
| | Maternal years of completed education | maternal_completed_education_years | Maternal years of completed education | | | 1=grade 1 primary level; 2=grade 2 primary level; 3= grade 3 primary level; 4=grade 4 primary level; 5=grade 5 primary level;6=grade 6 secondary level; 7=grade 1 secondary level; 8=grade 2 secondary level; 9=grade 3 secondary level; 10=grade 4 secondary level; 11 = grade 5 secondary level; 12= grade 6 secondary level; 13= year 1 university / professional training ; 14= year 2 university / professional training; 15= year 3 university / professional training; 16= year 4 university / professional training; 17= year 5 university / professional training; 18= year 6 university / professional training; 19= year 7 university / professional training; 20= year 8 university / professional training; 21= year 9 university / professional training; 22= year 10 university / professional training; 23= year 11 university / professional training; 24= year 12 university / professional training; 25= year 13+ university / professional training |
| | Paternal educational level | paternal_education_level | Paternal educational level | | Numeric | Enumeration
7=graduate/professional training, 6= standard college or university graduation, 5=partial college, at least one year of specialized training, 4= high school graduate, 3=partial high school, 10th or 11th grade, 2= junior high school, |

| | | | | | | | |
|--|---------------------------------------|------------------------------------|---------------------------------------|--|--------|--|---|
| | | | | | | | including 9th grade, 1= less than 7th grade, 0=not applicable or unknown. |
| | Paternal educational level (open) | paternal_education_level_open | Paternal educational level (open) | | string | | |
| | Paternal years of completed education | paternal_completed_education_years | Paternal years of completed education | | | | 1=grade 1 primary level; 2=grade 2 primary level; 3= grade 3 primary level; 4=grade 4 primary level; 5=grade 5 primary level;6=grade 6 secondary level; 7=grade 1 secondary level; 8=grade 2 secondary level; 9=grade 3 secondary level; 10=grade 4 secondary level; 11 = grade 5 secondary level; 12= grade 6 secondary level; 13= year 1 university / professional training ; 14= year 2 university / professional training; 15= year 3 university / professional training; 16= year 4 university / professional training; 17= year 5 university / professional training; 18= year 6 university / professional training; 19= year 7 university / professional training; 20= year 8 university / professional training; 21= year 9 university / professional training; 22= year 10 university / professional training; 23= year 11 university / professional training; 24= year 12 university / professional training; 25= year 13+ university / professional training |

| | | | | | | |
|--|------------------------------|----------------------|------------------------------|---------|-------------|---|
| | Offspring occupational level | offspring_occupation | Offspring occupational level | Numeric | Enumeration | 9=higher executive, proprietor of large businesses, major professional, 8=administrators, lesser professionals, proprietor of medium-sized business, 7=smaller business owners, farm owners, managers, minor professionals, 6=technicians, semi-professionals, small business owners (business valued at \$50,000-70,000), 5=clerical and sales workers, small farm and business owners (business valued at \$25,000-50,000), 4=smaller business owners (<\$25,000), skilled manual laborers, craftsmen, tenant farmers, 3=machine operators and semi-skilled workers, 2=unskilled workers, 1=farm laborers, menial service workers, students, housewives, (dependent on welfare, no regular occupation), 0=not applicable or unknown |
| | Maternal occupational level | maternal_occupation | Maternal occupational level | Numeric | Enumeration | 9=higher executive, proprietor of large businesses, major professional, 8=administrators, lesser professionals, proprietor of medium-sized business, 7=smaller business owners, farm owners, managers, minor professionals, 6=technicians, semi-professionals, small business owners (business valued at \$50,000-70,000), 5=clerical and sales workers, small farm and business owners (business valued at \$25,000-50,000), 4=smaller business owners (<\$25,000), skilled manual laborers, craftsmen, tenant farmers, |

| | | | | | | | |
|--|--------|--|------------------------------------|--|---------|-------------|---|
| | | | | | | | 3=machine operators and semi-skilled workers, 2=unskilled workers, 1=farm laborers, menial service workers, students, housewives, (dependent on welfare, no regular occupation), 0=not applicable or unknown |
| | | Paternal occupational level | paternal_occupation | Paternal occupational level | Numeric | Enumeration | 9=higher executive, proprietor of large businesses, major professional, 8=administrators, lesser professionals, proprietor of medium-sized business, 7=smaller business owners, farm owners, managers, minor professionals, 6=technicians, semi-professionals, small business owners (business valued at \$50,000-70,000), 5=clerical and sales workers, small farm and business owners (business valued at \$25,000-50,000), 4=smaller business owners (<\$25,000), skilled manual laborers, craftsmen, tenant farmers, 3=machine operators and semi-skilled workers, 2=unskilled workers, 1=farm laborers, menial service workers, students, housewives, (dependent on welfare, no regular occupation), 0=not applicable or unknown |
| Mental health disorders (diagnoses and symptoms) | K-SADS | Diagnostic instrument used | diagnostic_instrument | Diagnostic instrument used | Numeric | Enumeration | 1= K-SADS; 2= K-SADS-E; 3= SCID; 4=DIGS; 5=SCAN 2.1 |
| | | Diagnostic instrument administered? | diagnostic_instrument_administered | Diagnostic instrument administered on participant? | Numeric | Enumeration | 0 = no; 1 = yes |
| | | Diagnostic instrument date of assessment | diagnostic_instrument_date | Diagnostic instrument date of assessment | Date | YYYY-MM | |
| | | Diagnostic instrument age at assessment | diagnostic_instrument_age | Diagnostic instrument age of assessment | Numeric | | |

| | | | | | | | |
|--|--|--|--|--|---------|-------------|---|
| | | Diagnosis current | diagnosis_current | Diagnosis current | Numeric | Enumeration | 1=yes; 0=no |
| | | Diagnosis past | diagnosis_past | Diagnosis past | Numeric | Enumeration | 1=yes; 0=no |
| | | Psychotic Disorder current | psychotic_disorder_current | Psychotic Disorder current | Numeric | Enumeration | 1=no information ; 2=absent; 3=probable; 4=partial remission; 5= definitive |
| | | Psychotic Disorder past | psychotic_disorder_past | Psychotic Disorder past | Numeric | Enumeration | 1=no information ; 2=absent; 3=probable; 4=partial remission; 5= definitive |
| | | Psychotic Disorder age of onset of the first episode | psychotic_disorder_age_onset_first_episode | Psychotic Disorder age of onset of the first episode | Numeric | | |
| | | Psychotic Disorder age of onset of the current episode | psychotic_disorder_age_onset_current_episode | Psychotic Disorder age of onset of the current episode | Numeric | | |
| | | Psychotic Disorder duration in months of all episodes | psychotic_disorder_duration_months | Psychotic Disorder duration in months of all episodes | Numeric | | |
| | | Psychotic Disorder total number of episodes | psychotic_disorder_total_episodes | Psychotic Disorder total number of episodes | Numeric | | |
| | | Mood disorder current | mood_disorder_current | Mood disorder current | Numeric | Enumeration | 1=no information ; 2=absent; 3=probable; 4=partial remission; 5= definitive |
| | | Mood disorder past | mood_disorder_past | Mood disorder past | Numeric | Enumeration | 1=no information ; 2=absent; 3=probable; 4=partial remission; 5= definitive |
| | | Mood disorder age of onset of the first episode | mood_disorder_age_onset_first_episode | Mood disorder age of onset of the first episode | Numeric | | |
| | | Mood disorder age of onset of the current episode | mood_disorder_age_onset_current_episode | Mood disorder age of onset of the current episode | Numeric | | |
| | | Mood disorder duration in | mood_disorder_duration_months | Mood disorder duration in months of all episodes | Numeric | | |

| | | | | | | | |
|--|--|--|--|--|---------|-------------|---|
| | | months of all episodes | | | | | |
| | | Mood disorder total number of episodes | mood_disorder_total_episodes | Mood disorder total number of episodes | Numeric | | |
| | | Anxiety Disorder current | anxiety_disorder_current | Anxiety Disorder current | Numeric | Enumeration | 1=no information ; 2=absent; 3=probable; 4=partial remission; 5= definitive |
| | | Anxiety Disorder past | anxiety_disorder_past | Anxiety Disorder past | Numeric | Enumeration | 1=no information ; 2=absent; 3=probable; 4=partial remission; 5= definitive |
| | | Anxiety Disorder age of onset of the first episode | anxiety_disorder_age_onset_first_episode | Anxiety Disorder age of onset of the first episode | Numeric | | |
| | | Anxiety Disorder age of onset of the current episode | anxiety_disorder_age_onset_current_episode | Anxiety Disorder age of onset of the current episode | Numeric | | |
| | | Anxiety Disorder duration in months of all episodes | anxiety_disorder_duration_months | Anxiety Disorder duration in months of all episodes | Numeric | | |
| | | Anxiety Disorder total number of episodes | anxiety_disorder_total_episodes | Anxiety Disorder total number of episodes | Numeric | | |
| | | ADHD current | adhd_current | ADHD current | Numeric | Enumeration | 1=no information ; 2=absent; 3=probable; 4=partial remission; 5= definitive |
| | | ADHD past | adhd_past | ADHD past | Numeric | Enumeration | 1=no information ; 2=absent; 3=probable; 4=partial remission; 5= definitive |
| | | ADHD age of onset of the first episode | adhd_age_onset_first_episode | ADHD age of onset of the first episode | Numeric | | |
| | | ADHD age of onset of the current episode | adhd_age_onset_current_episode | ADHD age of onset of the current episode | Numeric | | |
| | | ADHD duration in months of all episodes | adhd_duration_months | ADHD duration in months of all episodes | Numeric | | |

| | | | | | | | |
|--|--|---|---|---|---------|-------------|---|
| | | ADHD total number of episodes | adhd_total_episodes | ADHD total number of episodes | Numeric | | |
| | | Disruptive behaviour disorder current | disruptive_behaviour_disorder_current | Disruptive behaviour disorder current | Numeric | Enumeration | 1=no information ; 2=absent; 3=probable; 4=partial remission; 5= definitive |
| | | Disruptive behaviour disorder past | disruptive_behaviour_disorder_past | Disruptive behaviour disorder past | Numeric | Enumeration | 1=no information ; 2=absent; 3=probable; 4=partial remission; 5= definitive |
| | | Disruptive behaviour disorder age of onset of the first episode | disruptive_behaviour_disorder_age_onset_first_episode | Disruptive behaviour disorder age of onset of the first episode | Numeric | | |
| | | Disruptive behaviour disorder age of onset of the current episode | disruptive_behaviour_disorder_age_onset_current_episode | Disruptive behaviour disorder age of onset of the current episode | Numeric | | |
| | | Disruptive behaviour disorder duration in months of all episodes | disruptive_behaviour_disorder_duration_months | Disruptive behaviour disorder duration in months of all episodes | Numeric | | |
| | | Disruptive behaviour disorder total number of episodes | disruptive_behaviour_disorder_total_episodes | Disruptive behaviour disorder total number of episodes | Numeric | | |
| | | ASD current | asd_current | ASD current | Numeric | Enumeration | 1=no information ; 2=absent; 3=probable; 4=partial remission; 5= definitive |
| | | ASD past | asd_past | ASD past | Numeric | Enumeration | 1=no information ; 2=absent; 3=probable; 4=partial remission; 5= definitive |
| | | ASD age of onset of the first episode | asd_age_onset_first_episode | ASD age of onset of the first episode | Numeric | | |
| | | ASD age of onset of the current episode | asd_age_onset_current_episode | ASD age of onset of the current episode | Numeric | | |

| | | | | | | | |
|--|--|--|--|--|---------|-------------|---|
| | | ASD duration in months of all episodes | asd_duration_months | ASD duration in months of all episodes | Numeric | | |
| | | ASD total number of episodes | asd_total_episodes | ASD total number of episodes | Numeric | | |
| | | Eating disorder current | eating_disorder_current | Eating disorder current | Numeric | Enumeration | 1=no information ; 2=absent; 3=probable; 4=partial remission; 5= definitive |
| | | Eating disorder past | eating_disorder_past | Eating disorder past | Numeric | Enumeration | 1=no information ; 2=absent; 3=probable; 4=partial remission; 5= definitive |
| | | Eating disorder age of onset of the first episode | eating_disorder_age_onset_first_episode | Eating disorder age of onset of the first episode | Numeric | | |
| | | Eating disorder age of onset of the current episode | eating_disorder_age_onset_current_episode | Eating disorder age of onset of the current episode | Numeric | | |
| | | Eating disorder duration in months of all episodes | eating_disorder_duration_months | Eating disorder duration in months of all episodes | Numeric | | |
| | | Eating disorder total number of episodes | eating_disorder_total_episodes | Eating disorder total number of episodes | Numeric | | |
| | | Substance use disorder current | substance_use_disorder_current | Substance use disorder current | Numeric | Enumeration | 1=no information ; 2=absent; 3=probable; 4=partial remission; 5= definitive |
| | | Substance use disorder past | substance_use_disorder_past | Substance use disorder past | Numeric | Enumeration | 1=no information ; 2=absent; 3=probable; 4=partial remission; 5= definitive |
| | | Substance use disorder age of onset of the first episode | substance_use_disorder_age_onset_first_episode | Substance use disorder age of onset of the first episode | Numeric | | |
| | | Substance use disorder age of onset of the current episode | substance_use_disorder_age_onset_current_episode | Substance use disorder age of onset of the current episode | Numeric | | |

| | | | | | | | |
|--|-------|---|--|---|---------|-------------|---|
| | | Substance use disorder duration in months of all episodes | substance_use_disorder_duration_months | Substance use disorder duration in months of all episodes | Numeric | | |
| | | Substance use disorder total number of episodes | substance_use_disorder_total_episodes | Substance use disorder total number of episodes | Numeric | | |
| | | Comorbidities | comorbidities | Comorbidities | Numeric | Enumeration | 1=no information ; 2=absent; 3=probable; 4=partial remission; 5= definitive |
| | GAF | Global assessment of functioning administered? | gaf_administered | Global assessment of functioning administered on participant? | Numeric | Enumeration | 0 = no; 1 = yes |
| | | Global assessment of functioning date of assessment | gaf_date | Global assessment of functioning date of assessment | Date | YYYY-MM | |
| | | Global assessment of functioning age at assessment | gaf_age | Global assessment of functioning age of assessment | Numeric | | |
| | | Global assessment of functioning score | gaf_score | Global assessment of functioning score | Numeric | | |
| | C-GAS | Children's global assessment scale administered? | cgas_administered | Children's global assessment scale administered on participant? | Numeric | Enumeration | 0 = no; 1 = yes |
| | | Children's global assessment scale date of assessment | cgas_date | Children's global assessment scale date of assessment | Date | YYYY-MM | |
| | | Children's global assessment scale age at assessment | cgas_age | Children's global assessment scale age of assessment | Numeric | | |
| | | Children's global assessment scale score | cgas_score | Children's global assessment scale score | Numeric | | |

| | | | | | | | | |
|--|------|-------------------------|-------------------------|---|----------------------------------|-------------|-----------------|-----------------|
| | YMRS | YMRS administered? | ymrs_administered | YMRS administered on participant? | Numeric | Enumeration | 0 = no; 1 = yes | |
| | | YMRS date of assessment | ymrs_date | YMRS date of assessment | Date | YYYY-MM | | |
| | | YMRS age at assessment | ymrs_age | YMRS age of assessment | Numeric | | | |
| | | YMRS item 1 | ymrs_1 | ymrs 1: Elevated mood | Numeric | Enumeration | 0; 1; 2; 3; 4 | |
| | | YMRS item 2 | ymrs_2 | ymrs 2: Increased motor activity-energy | Numeric | Enumeration | 0; 1; 2; 3; 4 | |
| | | YMRS item 3 | ymrs_3 | ymrs 3: Sexual interest | Numeric | Enumeration | 0; 1; 2; 3; 4 | |
| | | YMRS item 4 | ymrs_4 | ymrs 4: Sleep | Numeric | Enumeration | 0; 1; 2; 3; 4 | |
| | | YMRS item 5 | ymrs_5 | ymrs 5: Irritability | Numeric | Enumeration | 0; 2; 4; 6; 8 | |
| | | YMRS item 6 | ymrs_6 | ymrs 6: Speech (rate and amount) | Numeric | Enumeration | 0; 2; 4; 6; 8 | |
| | | YMRS item 7 | ymrs_7 | ymrs 7: Language-thought disorder | Numeric | Enumeration | 0; 1; 2; 3; 4 | |
| | | YMRS item 8 | ymrs_8 | ymrs 8: Content | Numeric | Enumeration | 0; 2; 4; 6; 8 | |
| | | YMRS item 9 | ymrs_9 | ymrs 9: Disruptive-aggressive behavior | Numeric | Enumeration | 0; 2; 4; 6; 8 | |
| | | YMRS item 10 | ymrs_10 | ymrs 10: Appearance | Numeric | Enumeration | 0; 1; 2; 3; 4 | |
| | | YMRS item 11 | ymrs_11 | ymrs 11: Insight | Numeric | Enumeration | 0; 1; 2; 3; 4 | |
| | | HDRS | HDRS administered? | hdrs_administered | HDRS administered on participant | Numeric | Enumeration | 0 = no; 1 = yes |
| | | | HDRS date of assessment | hdrs_date | HDRS date of assessment | Date | YYYY-MM | |
| | | | HDRS age at assessment | hdrs_age | HDRS age of assessment | Numeric | | |
| | | | HDRS item 1 | hdrs_1 | hdrs 1: Depressed mood | Numeric | Enumeration | 0; 1; 2; 3; 4 |
| | | | HDRS item 2 | hdrs_2 | hdrs 2: Guilt feeling | Numeric | Enumeration | 0; 1; 2; 3; 4 |
| | | | HDRS item 3 | hdrs_3 | hdrs 3: Suicide | Numeric | Enumeration | 0; 1; 2; 3; 4 |
| | | | HDRS item 4 | hdrs_4 | hdrs 4: Early insomnia | Numeric | Enumeration | 0; 1; 2 |

| | | | | | | | | |
|--|--|----------------|-------------------------|--|-----------------------------------|-------------|---------------|-----------------|
| | | HDRS item 5 | hdrs_5 | hdrs 5: Middle insomnia | Numeric | Enumeration | 0; 1; 2 | |
| | | HDRS item 6 | hdrs_6 | hdrs 6: Late insomnia | Numeric | Enumeration | 0; 1; 2 | |
| | | HDRS item 7 | hdrs_7 | hdrs 7: Work and activities | Numeric | Enumeration | 0; 1; 2; 3; 4 | |
| | | HDRS item 8 | hdrs_8 | hdrs 8: Inhibition | Numeric | Enumeration | 0; 1; 2; 3; 4 | |
| | | HDRS item 9 | hdrs_9 | hdrs 9: Agitation | Numeric | Enumeration | 0; 1; 2 | |
| | | HDRS item 10 | hdrs_10 | hdrs 10: Psychic anxiety | Numeric | Enumeration | 0; 1; 2; 3; 4 | |
| | | HDRS item 11 | hdrs_11 | hdrs 11: Somatic anxiety | Numeric | Enumeration | 0; 1; 2; 3; 4 | |
| | | HDRS item 12 | hdrs_12 | hdrs 12: Gastrointestinal somatic symptoms | Numeric | Enumeration | 0; 1; 2 | |
| | | HDRS item 13 | hdrs_13 | hdrs 13: General somatic symptoms | Numeric | Enumeration | 0; 1; 2 | |
| | | HDRS item 14 | hdrs_14 | hdrs 14: Genital symptoms | Numeric | Enumeration | 0; 1; 2; 3 | |
| | | HDRS item 15 | hdrs_15 | hdrs 15: Hypochondriasis | Numeric | Enumeration | 0; 1; 2; 3; 4 | |
| | | HDRS item 16 a | hdrs_16_a | hdrs_16 16 a: Weight loss | Numeric | Enumeration | 0; 1; 2 | |
| | | HDRS item 16 b | hdrs_16_b | hdrs_16 16 b: | Numeric | Enumeration | 0; 1; 2 | |
| | | HDRS item 17 | hdrs_17 | hdrs 17: Insight | Numeric | Enumeration | 0; 1 | |
| | | HDRS item 18 | hdrs_18 | hdrs 18: Diurnal variation | Numeric | Enumeration | 0; 1; 2 | |
| | | HDRS item 19 | hdrs_19 | hdrs 19: Depersonalization and derealization | Numeric | Enumeration | 0; 1; 2; 3; 4 | |
| | | HDRS item 20 | hdrs_20 | hdrs 20: Paranoid symptoms | Numeric | Enumeration | 0; 1; 2; 3; 4 | |
| | | HDRS item 21 | hdrs_21 | hdrs 21: Obsessive and compulsive symptoms | Numeric | Enumeration | 0; 1; 2 | |
| | | HDRS item 22 | hdrs_22 | hdrs 22: Other symptoms | Numeric | Enumeration | 0; 1; 2 | |
| | | SOPS | SOPS administered? | sops_administered | SOPS administered on participant? | Numeric | Enumeration | 0 = no; 1 = yes |
| | | | SOPS date of assessment | sops_date | SOPS date of assessment | Date | YYYY-MM | |

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| | SOPS age at assessment | sops_age | SOPS age of assessment | Numeric | | |
| | SOPS P.1 | sops_p_1 | sops_p 1: Unusual thought content/delusional ideas | Numeric | Enumeration | 0; 1; 2; 3; 4; 5; 6 |
| | SOPS P.2 | sops_p_2 | sops_p 2: Suspicion/persecutory ideas | Numeric | Enumeration | 0; 1; 2; 3; 4; 5; 6 |
| | SOPS P.3 | sops_p_3 | sops_p 3: Grandiosity | Numeric | Enumeration | 0; 1; 2; 3; 4; 5; 6 |
| | SOPS P.4 | sops_p_4 | sops_p 4: Perceptive abnormalities/hallucinations | Numeric | Enumeration | 0; 1; 2; 3; 4; 5; 6 |
| | SOPS P.5 | sops_p_5 | sops_p 5: Disorganized communication | Numeric | Enumeration | 0; 1; 2; 3; 4; 5; 6 |
| | SOPS N.1 | sops_n_1 | sops_n 1: Social anhedonia or withdrawal | Numeric | Enumeration | 0; 1; 2; 3; 4; 5; 6 |
| | SOPS N.2 | sops_n_2 | sops_n 2: Avolition (apathy) | Numeric | Enumeration | 0; 1; 2; 3; 4; 5; 6 |
| | SOPS N.3 | sops_n_3 | sops_n 3: Decreased expression of emotions | Numeric | Enumeration | 0; 1; 2; 3; 4; 5; 6 |
| | SOPS N.4 | sops_n_4 | sops_n 4: Decreased experience of emotions and self | Numeric | Enumeration | 0; 1; 2; 3; 4; 5; 6 |
| | SOPS N.5 | sops_n_5 | sops_n 5: Impoverished thinking | Numeric | Enumeration | 0; 1; 2; 3; 4; 5; 6 |
| | SOPS N.6 | sops_n_6 | sops_n 6: Deterioration of role function | Numeric | Enumeration | 0; 1; 2; 3; 4; 5; 6 |
| | SOPS D.1 | sops_d_1 | sops_d 1: Odd appearance and behavior | Numeric | Enumeration | 0; 1; 2; 3; 4; 5; 6 |
| | SOPS D.2 | sops_d_2 | sops_d 2: Bizarre thinking | Numeric | Enumeration | 0; 1; 2; 3; 4; 5; 6 |
| | SOPS D.3 | sops_d_3 | sops_d 3: Attention and concentration problems | Numeric | Enumeration | 0; 1; 2; 3; 4; 5; 6 |
| | SOPS D.4 | sops_d_4 | sops_d 4: Personal hygiene/social skills | Numeric | Enumeration | 0; 1; 2; 3; 4; 5; 6 |
| | SOPS G.1 | sops_g_1 | sops_g 1: Sleep disorders | Numeric | Enumeration | 0; 1; 2; 3; 4; 5; 6 |
| | SOPS G.2 | sops_g_2 | sops_g 2: Dysphoric mood | Numeric | Enumeration | 0; 1; 2; 3; 4; 5; 6 |
| | SOPS G.3 | sops_g_3 | sops_g 3: Motor disorders | Numeric | Enumeration | 0; 1; 2; 3; 4; 5; 6 |
| | SOPS G.4 | sops_g_4 | sops_g 4: Decreased tolerance to normal stress | Numeric | Enumeration | 0; 1; 2; 3; 4; 5; 6 |
| | SOPS positive scale | sops_p | SOPS positive scale | Numeric | Enumeration | 0; 1; 2; 3; 4; 5; 6 |

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| | | SOPS negative scale | sops_n | SOPS negative scale | Numeric | Enumeration | 0; 1; 2; 3; 4; 5; 6 |
| | | SOPS disorganized scale | sops_d | SOPS disorganized scale | Numeric | Enumeration | 0; 1; 2; 3; 4; 5; 6 |
| | | SOPS general scale | sops_g | SOPS general scale | Numeric | Enumeration | 0; 1; 2; 3; 4; 5; 6 |
| | | SOPS TOTAL | sops_total | SOPS TOTAL | Numeric | Enumeration | 0; 1; 2; 3; 4; 5; 6 |
| | PAS | PAS administered? | pas_administered | PAS administered on participant? | Numeric | Enumeration | 0 = no; 1 = yes |
| | | PAS date of assessment | pas_date | PAS date of assessment | Date | YYYY-MM | |
| | | PAS age at assessment | pas_age | PAS age of assessment | Numeric | | |
| | | PAS sociability 11 | pas_sociability_11 | PAS sociability 11 | Numeric | Enumeration | 0; 1; 2; 3; 4; 5; 6 |
| | | PAS peer relationships 11 | pas_peer_11 | PAS peer relationships 11 | Numeric | Enumeration | 0; 1; 2; 3; 4; 5; 6 |
| | | PAS school performance 11 | pas_school_11 | PAS school performance 11 | Numeric | Enumeration | 0; 1; 2; 3; 4; 5; 6 |
| | | PAS sociability 12-15 | pas_sociability_12_15 | PAS sociability 12-15 | Numeric | Enumeration | 0; 1; 2; 3; 4; 5; 6 |
| | | PAS peer relationships 12-15 | pas_peer_12_15 | PAS peer relationships 12-15 | Numeric | Enumeration | 0; 1; 2; 3; 4; 5; 6 |
| | | PAS school performance 12-15 | pas_school_12_15 | PAS school performance 12-15 | Numeric | Enumeration | 0; 1; 2; 3; 4; 5; 6 |
| | | PAS sociability 16-18 | pas_sociability_16_18 | PAS sociability 16-18 | Numeric | Enumeration | 0; 1; 2; 3; 4; 5; 6 |
| | | PAS peer relationships 16-18 | pas_peer_16_18 | PAS peer relationships 16-18 | Numeric | Enumeration | 0; 1; 2; 3; 4; 5; 6 |
| | | PAS school performance 16-18 | pas_school_16_18 | PAS school performance 16-18 | Numeric | Enumeration | 0; 1; 2; 3; 4; 5; 6 |
| | | PAS sociability 19 | pas_sociability_19 | PAS sociability 19 | Numeric | Enumeration | 0; 1; 2; 3; 4; 5; 6 |
| | | PAS peer relationships 19 | pas_peer_19 | PAS peer relationships 19 | Numeric | Enumeration | 0; 1; 2; 3; 4; 5; 6 |

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| | SDQ | SDQ administered? | sdq_administered | SDQ administered on participant? | Numeric | Enumeration | 0 = no; 1 = yes |
| | | SDQ date of assessment | sdq_date | SDQ date of assessment | Date | YYYY-MM | |
| | | SDQ age at assessment | sdq_age | SDQ age of assessment | Numeric | | |
| | | Informant | sdq_informant | sdq: informant | Numeric | Enumeration | 1=mum; 2=dad; 3=other |
| | | SDQ item 1 | sdq_1 | sdq 1: I try to be nice to other people | Numeric | Enumeration | 0=not true; 1=somewhat true; 2=certainly true |
| | | SDQ item 2 | sdq_2 | sdq 2: I am restless, I cannot stay still for long | Numeric | Enumeration | 0=not true; 1=somewhat true; 2=certainly true |
| | | SDQ item 3 | sdq_3 | sdq 3: I get a lot of headaches, stomach-aches or sickness | Numeric | Enumeration | 0=not true; 1=somewhat true; 2=certainly true |
| | | SDQ item 4 | sdq_4 | sdq 4: I usually share with others, for example CD's, games, food | Numeric | Enumeration | 0=not true; 1=somewhat true; 2=certainly true |
| | | SDQ item 5 | sdq_5 | sdq 5: I get very angry and often lose my temper | Numeric | Enumeration | 0=not true; 1=somewhat true; 2=certainly true |
| | | SDQ item 6 | sdq_6 | sdq 6: I would rather be alone than with people of my age | Numeric | Enumeration | 0=not true; 1=somewhat true; 2=certainly true |
| | | SDQ item 7 | sdq_7 | sdq 7: I usually do as I am told | Numeric | Enumeration | 0=not true; 1=somewhat true; 2=certainly true |
| | | SDQ item 8 | sdq_8 | sdq 8: I worry a lot | Numeric | Enumeration | 0=not true; 1=somewhat true; 2=certainly true |
| | | SDQ item 9 | sdq_9 | sdq 9: I am helpful if someone is hurt, upset, or feeling ill | Numeric | Enumeration | 0=not true; 1=somewhat true; 2=certainly true |
| | | SDQ item 10 | sdq_10 | sdq 10: I am constantly fidgeting or squirming | Numeric | Enumeration | 0=not true; 1=somewhat true; 2=certainly true |
| | | SDQ item 11 | sdq_11 | sdq 11: I have one good friend or more | Numeric | Enumeration | 0=not true; 1=somewhat true; 2=certainly true |
| | | SDQ item 12 | sdq_12 | sdq 12: I fight a lot. I can make other people do what I want | Numeric | Enumeration | 0=not true; 1=somewhat true; 2=certainly true |
| | | SDQ item 13 | sdq_13 | sdq 13: I am often unhappy, depressed, or tearful | Numeric | Enumeration | 0=not true; 1=somewhat true; 2=certainly true |
| | | SDQ item 14 | sdq_14 | sdq 14: Other people my age generally like me | Numeric | Enumeration | 0=not true; 1=somewhat true; 2=certainly true |
| | SDQ item 15 | sdq_15 | sdq 15: I am easily distracted, I find it difficult to concentrate | Numeric | Enumeration | 0=not true; 1=somewhat true; 2=certainly true | |
| | SDQ item 16 | sdq_16 | sdq 16: I am nervous in new situations. I easily lose confidence | Numeric | Enumeration | 0=not true; 1=somewhat true; 2=certainly true | |
| | SDQ item 17 | sdq_17 | sdq 17: I am kind to younger children | Numeric | Enumeration | 0=not true; 1=somewhat true; 2=certainly true | |

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| | | SDQ item 18 | sdq_18 | sdq 18: I am often accused of lying or cheating | Numeric | Enumeration | 0=not true; 1=somewhat true; 2= certainly true |
| | | SDQ item 19 | sdq_19 | sdq 19: Other children or young people pick on me or bully me | Numeric | Enumeration | 0=not true; 1=somewhat true; 2= certainly true |
| | | SDQ item 20 | sdq_20 | sdq 20: I often offer to help others (parents, teachers, children) | Numeric | Enumeration | 0=not true; 1=somewhat true; 2= certainly true |
| | | SDQ item 21 | sdq_21 | sdq 21: I think before I do things | Numeric | Enumeration | 0=not true; 1=somewhat true; 2= certainly true |
| | | SDQ item 22 | sdq_22 | sdq 22: I take things that are not mine from home, school, or elsewhere | Numeric | Enumeration | 0=not true; 1=somewhat true; 2= certainly true |
| | | SDQ item 23 | sdq_23 | sdq 23: I get along better with adults than with people my own age | Numeric | Enumeration | 0=not true; 1=somewhat true; 2= certainly true |
| | | SDQ item 24 | sdq_24 | sdq 24: I have many fears, I am easily scared | Numeric | Enumeration | 0=not true; 1=somewhat true; 2= certainly true |
| | | SDQ item 25 | sdq_25 | sdq 25: I finish the work I'm doing. My attention is good | Numeric | Enumeration | 0=not true; 1=somewhat true; 2= certainly true |
| | | SDQ difficulties | sdq_difficulties | sdq: Overall, do you think that you have difficulties in any of the following areas: emotions, concentration, behavior, or being able to get on with other people? | Numeric | Enumeration | 0 = no; 1 = yes, minor difficulties; 2 = yes, definite difficulties; 3 = yes, severe difficulties |
| | | SDQ duration of difficulties | sdq_difficulties_duration | sdq: How long have these difficulties been present? | Numeric | Enumeration | 0 = less than a month; 1 = 1-5 months; 2 = 6-12 months; 3 = over a year |
| | | SDQ distress | sdq_distress | sdq: Do the difficulties distress or upset you? | Numeric | Enumeration | 0 not at all; 1 = only a little; 2 = a medium amount; 3 = a great deal |
| | | SDQ domains: Home life | sdq_home_life | sdq: Do the difficulties interfere with your everyday in the following area: home life | Numeric | Enumeration | 0 not at all; 1 = only a little; 2 = a medium amount; 3 = a great deal |
| | | SDQ domains: Friendships | sdq_friendships | sdq: Do the difficulties interfere with your everyday in the following area: friendships | Numeric | Enumeration | 0 not at all; 1 = only a little; 2 = a medium amount; 3 = a great deal |
| | | SDQ domains: Classroom learning | sdq_classroom_learning | sdq: Do the difficulties interfere with your everyday in the following area: classroom learning | Numeric | Enumeration | 0 not at all; 1 = only a little; 2 = a medium amount; 3 = a great deal |
| | | SDQ domains: Leisure activities | sdq_leisure_activities | sdq: Do the difficulties interfere with your everyday in the following area: leisure activities | Numeric | Enumeration | 0 not at all; 1 = only a little; 2 = a medium amount; 3 = a great deal |
| | | SDQ social | sdq_social | sdq: do the difficulties make it harder for those around you (family, friends, teachers, etc.)? | Numeric | Enumeration | 0 not at all; 1 = only a little; 2 = a medium amount; 3 = a great deal |
| | | SDQ Emotional symptoms subscale raw score | sdq_emotional_symptoms_raw | SDQ Emotional symptoms subscale raw score | Numeric | | |

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| | | SDQ Emotional symptoms subscale t score | sdq_emotional_symptoms_t | SDQ Emotional symptoms subscale t score | Numeric | | |
| | | SDQ Conduct problems subscale raw score | sdq_conduct_problems_raw | SDQ Conduct problems subscale raw score | Numeric | | |
| | | SDQ Conduct problems subscale t score | sdq_conduct_problems_t | SDQ Conduct problems subscale t score | Numeric | | |
| | | SDQ Hyperactivity/inattention subscale raw score | sdq_hyperactivity_raw | SDQ Hyperactivity/inattention subscale raw score | Numeric | | |
| | | SDQ Hyperactivity/inattention subscale t score | sdq_hyperactivity_t | SDQ Hyperactivity/inattention subscale t score | Numeric | | |
| | | SDQ Peer relationships problem subscale raw score | sdq_peer_relationships_raw | SDQ Peer relationships problem subscale raw score | Numeric | | |
| | | SDQ Peer relationships problem subscale t score | sdq_peer_relationships_t | SDQ Peer relationships problem subscale t score | Numeric | | |
| | | SDQ Prosocial behaviour subscale raw score | sdq_prosocial_raw | SDQ Prosocial behaviour subscale raw score | Numeric | | |
| | | SDQ Prosocial behaviour subscale t score | sdq_prosocial_t | SDQ Prosocial behaviour subscale t score | Numeric | | |
| Cognition | | Instrument used | instrument_cognition | Instrument used | Numeric | Enumeration | 1=WISC; 2=WAIS; 3=RIST |
| | | Instrument administered? | instrument_cognition_administered | Instrument cognition administered on participant? | Numeric | Enumeration | 0 = no; 1 = yes |
| | | Cognition date of assessment | cognition_date | Cognition date of assessment | Date | YYYY-MM | |
| | | Cognition age at assessment | cognition_age | Cognition age of assessment | Numeric | | |

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| | | Full IQ composite score | iq_full | Full IQ composite score | Numeric | | |
| | | Verbal IQ composite score | iq_verbal | Verbal IQ composite score | Numeric | | |
| | | Visual IQ composite score | iq_visual | Visual IQ composite score | Numeric | | |
| Behavioural problems and overall functioning (ASEBA) | CBCL | CBCL administered? | cbcl_administered | CBCL administered on participant? | Numeric | Enumeration | 0 = no; 1 = yes |
| | | CBCL date of assessment | cbcl_date | CBCL date of assessment | Date | YYYY-MM | |
| | | CBCL age at assessment | cbcl_age | CBCL age of assessment | Numeric | | |
| | | Informant | cbcl_informant | cbcl: informant | Numeric | Enumeration | 1=mum; 2=dad; 3 =other |
| | | I. Please list the sports your child most likes to take part in a | cbcl_preliminary_question_1_a | cbcl preliminary question 1a: Please list the sports your child most likes to take part in | String | | Add text as filled in by informant |
| | | I. Please list the sports your child most likes to take part in_b | cbcl_preliminary_question_1_b | cbcl preliminary question 1b: Please list the sports your child most likes to take part in | String | | Add text as filled in by informant |
| | | I. Please list the sports your child most likes to take part in_c | cbcl_preliminary_question_1_c | cbcl preliminary question 1c: Please list the sports your child most likes to take part in | String | | Add text as filled in by informant |
| | | I. Compared to the others of the same age, how much time do they spend in each_a | cbcl_preliminary_question_1_a_a | cbcl preliminary question 1aa: Compared to the others of the same age, how much time do they spend in each? | Numeric | Enumeration | 0=less than average; 1=average;2=more than average;3=don't know |
| | | I. Compared to the others of the same age, how much time do they spend in each b | cbcl_preliminary_question_1_b_b | cbcl preliminary question 1bb: Compared to the others of the same age, how much time do they spend in each? | Numeric | Enumeration | 0=less than average; 1=average;2=more than average;3=don't know |

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| | | I. Compared to the others of the same age, how much time do they spend in each c | cbcl_preliminary_question_1_c_c | cbcl preliminary question 1cc: Compared to the others of the same age, how much time do they spend in each? | Numeric | Enumeration | 0=less than average; 1=average;2=more than average;3=don't know |
| | | II. Please list your child's favorite hobbies, activities, and games, other than sports a | cbcl_preliminary_question_2_a | cbcl preliminary question 2a: Please list your child's favorite hobbies, activities, and games, other than sports | String | | Add text as filled in by informant |
| | | II. Please list your child's favorite hobbies, activities, and games, other than sports b | cbcl_preliminary_question_2_b | cbcl preliminary question 2b: Please list your child's favorite hobbies, activities, and games, other than sports | String | | Add text as filled in by informant |
| | | II. Please list your child's favorite hobbies, activities, and games, other than sports c | cbcl_preliminary_question_2_c | cbcl preliminary question 2b: Please list your child's favorite hobbies, activities, and games, other than sports | String | | Add text as filled in by informant |
| | | II. Compared to the others of the same age, how much time do they spend in each_a | cbcl_preliminary_question_2_a_a | cbcl preliminary question 2aa: Compared to the others of the same age, how much time do they spend in each? | Numeric | Enumeration | 0=less than average; 1=average;2=more than average;3=don't know |
| | | II. Compared to the others of the same age, how much time do they spend in each_b | cbcl_preliminary_question_2_b_b | cbcl preliminary question 2bb: Compared to the others of the same age, how much time do they spend in each? | Numeric | Enumeration | 0=less than average; 1=average;2=more than average;3=don't know |
| | | II. Compared to the others of the same age, how much time do they spend in each c | cbcl_preliminary_question_2_c_c | cbcl preliminary question 3cc: Compared to the others of the same age, how much time do they spend in each? | Numeric | Enumeration | 0=less than average; 1=average;2=more than average;3=don't know |

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| | V. 1. About how many close friends does your child have? | cbcl_preliminary_question_V_1 | cbcl preliminary question V1: About how many close friends does your child have? | Numeric | Enumeration | 0=none; 1=1; 2=2 or 3; 4=4 or more |
| | V. 2. About how many times a week does your child do things with friends outside school? | cbcl_preliminary_question_V_2 | cbcl preliminary question V2: About how many times a week does your child do things with friends outside school? | Numeric | Enumeration | 0=less than 1; 1=1 or 2; 2=3 or more |
| | VII.1 Performance in academic subjects a | cbcl_preliminary_question_VII_a | cbcl preliminary question VIIa: Performance in academic subjects | Numeric | Enumeration | 0=failing; 1=below average; 2=average; 3=above average |
| | VII.1 Performance in academic subjects b | cbcl_preliminary_question_VII_b | cbcl preliminary question VIIb: Performance in academic subjects | Numeric | Enumeration | 0=failing; 1=below average; 2=average; 3=above average |
| | VII.1 Performance in academic subjects c | cbcl_preliminary_question_VII_c | cbcl preliminary question VIIc: Performance in academic subjects | Numeric | Enumeration | 0=failing; 1=below average; 2=average; 3=above average |
| | VII.1 Performance in academic subjects d | cbcl_preliminary_question_VII_d | cbcl preliminary question VIId: Performance in academic subjects | Numeric | Enumeration | 0=failing; 1=below average; 2=average; 3=above average |
| | CBCL item 1 | cbcl_1 | cbcl 1: Acts too young for age | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | CBCL item 2 | cbcl_2 | cbcl 2: Drinks alcohol without parent's approval | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | CBCL item 3 | cbcl_3 | cbcl 3: Argues a lot | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | CBCL item 4 | cbcl_4 | cbcl 4: Fails to finish things they start | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | CBCL item 5 | cbcl_5 | cbcl 5: There is very little they enjoy | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |

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| | | CBCL item 6 | cbcl_6 | cbcl 6: Bowel movements outside toilet | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 7 | cbcl_7 | cbcl 7: Bragging, boasting | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 8 | cbcl_8 | cbcl 8: Can't concentrate, can't pay attention for long | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 9 | cbcl_9 | cbcl 9: Can't get mind off certain thoughts; obsessions | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 10 | cbcl_10 | cbcl 10: Can't sit still, restless, or hyperactive | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 11 | cbcl_11 | cbcl 11: Clings to adults or too dependent | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 12 | cbcl_12 | cbcl 12: Complains of loneliness | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 13 | cbcl_13 | cbcl 13: Confused or seems to be in a fog | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 14 | cbcl_14 | cbcl 14: Cries a lot | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 15 | cbcl_15 | cbcl 15: Cruel to animals | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 16 | cbcl_16 | cbcl 16: Cruelty, bullying or meanness to others | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 17 | cbcl_17 | cbcl 17: Daydreams or gets lost in thoughts | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 18 | cbcl_18 | cbcl 18: Deliberately harms self or attempts suicide | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 19 | cbcl_19 | cbcl 19: Demands a lot of attention | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |

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| | | CBCL item 20 | cbcl_20 | cbcl 20: Destroys own things | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 21 | cbcl_21 | cbcl 21: Destroys things belonging to family or others | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 22 | cbcl_22 | cbcl 22: Disobedient at home | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 23 | cbcl_23 | cbcl 23: Disobedient at school | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 24 | cbcl_24 | cbcl 24: Doesn't eat well | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 25 | cbcl_25 | cbcl 25: Doesn't get along with other kids | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 26 | cbcl_26 | cbcl 26: Doesn't seem to feel guilty after misbehaving | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 27 | cbcl_27 | cbcl 27: Easily jealous | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 28 | cbcl_28 | cbcl 28: Breaks rules at home, school or elsewhere | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 29 | cbcl_29 | cbcl 29: Fears certain animals, situations or places other than school | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 30 | cbcl_30 | cbcl 30: Fears going to school | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 31 | cbcl_31 | cbcl 31: Fears they might think or do something bad | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 32 | cbcl_32 | cbcl 32: Feels they have to be perfect | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 33 | cbcl_33 | cbcl 33: Feels or complains that no one loves them | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |

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| | | CBCL item 34 | cbcl_34 | cbcl 34: Feels others are out to get them | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 35 | cbcl_35 | cbcl 35: Feels worthless or inferior | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 36 | cbcl_36 | cbcl 36: Gets hurt a lot, accident-prone | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 37 | cbcl_37 | cbcl 37: Gets in many fights | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 38 | cbcl_38 | cbcl 38: Gets teased a lot | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 39 | cbcl_39 | cbcl 39: Hangs around with others who get in trouble | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 40 | cbcl_40 | cbcl 40: Hears sounds or voices that aren't there | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 41 | cbcl_41 | cbcl 41: Impulsive or acts without thinking | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 42 | cbcl_42 | cbcl 42: Would rather be alone than with others | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 43 | cbcl_43 | cbcl 43: Lying or cheating | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 44 | cbcl_44 | cbcl 44: Bites fingernails | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 45 | cbcl_45 | cbcl 45: Nervous, highstrung, or tense | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 46 | cbcl_46 | cbcl 46: Nervous movements or twitching | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 47 | cbcl_47 | cbcl 47: Nightmares | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |

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| | | CBCL item 48 | cbcl_48 | cbcl 48: Not liked by other kids | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 49 | cbcl_49 | cbcl 49: Constipated, doesn't move bowels | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 50 | cbcl_50 | cbcl 50: Too fearful or anxious | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 51 | cbcl_51 | cbcl 51: Feels dizzy or lightheaded | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 52 | cbcl_52 | cbcl 52: Feels too guilty | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 53 | cbcl_53 | cbcl 53: Overeating | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 54 | cbcl_54 | cbcl 54: Overtired without good reason | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 55 | cbcl_55 | cbcl 55: Overweight | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 56.a | cbcl_56a | cbcl 56a: Physical problems without known medical cause - aches and pains | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 56.b | cbcl_56b | cbcl 56b: Physical problems without known medical cause - headaches | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 56.c | cbcl_56c | cbcl 56c: Physical problems without known medical cause - nausea, feels sick | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 56.d | cbcl_56d | cbcl 56d: Physical problems without known medical cause - problems with eyes (not if corrected by glasses) | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 56.e | cbcl_56e | cbcl 56e: Physical problems without known medical cause - rashes or other skin problems | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 56.f | cbcl_56f | cbcl 56f: Physical problems without known medical cause - stomachaches | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |

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| | | CBCL item 56.g | cbcl_56g | cbcl 56g: Physical problems without known medical cause - vomiting, throwing | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 56.h | cbcl_56h | cbcl 56h: Physical problems without known medical cause - other | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 57 | cbcl_57 | cbcl 57: Physically attacks people | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 58 | cbcl_58 | cbcl 58: Picks nose, skin or other parts of body | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 59 | cbcl_59 | cbcl 59: Plays with own sex parts in public | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 60 | cbcl_60 | cbcl 60: Plays with own sex parts too much | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 61 | cbcl_61 | cbcl 61: Poor school work | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 62 | cbcl_62 | cbcl 62: Poorly coordinated or clumsy | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 63 | cbcl_63 | cbcl 63: Prefers being with older kids | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 64 | cbcl_64 | cbcl 64: Prefers being with younger kids | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 65 | cbcl_65 | cbcl 65: Refuses to talk | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 66 | cbcl_66 | cbcl 66: Repeats certain acts over and over; compulsion | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 67 | cbcl_67 | cbcl 67: Runs away from home | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 68 | cbcl_68 | cbcl 68: Screams a lot | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |

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| | | CBCL item 69 | cbcl_69 | cbcl 69: Secretive, keep things to self | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 70 | cbcl_70 | cbcl 70: Sees things that aren't there | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 71 | cbcl_71 | cbcl 71: Self-conscious or easily embarrassed | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 72 | cbcl_72 | cbcl 72: Sets fires | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 73 | cbcl_73 | cbcl 73: Sexual problems describe | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 74 | cbcl_74 | cbcl 74: Showing off or clowning | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 75 | cbcl_75 | cbcl 75: Too shy or timid | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 76 | cbcl_76 | cbcl 76: Sleeps less than most kids | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 77 | cbcl_77 | cbcl 77: Sleeps more than most kids during day and/or night | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 78 | cbcl_78 | cbcl 78: Inattentive or easily distracted | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 79 | cbcl_79 | cbcl 79: Speech problems describe | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 80 | cbcl_80 | cbcl 80: Stares blankly | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 81 | cbcl_81 | cbcl 81: Steals at home | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 82 | cbcl_82 | cbcl 82: Steals outside the home | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |

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| | | CBCL item 83 | cbcl_83 | cbcl 83: Stores up too many things they don't need describe | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 84 | cbcl_84 | cbcl 84: Strange behaviour | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 85 | cbcl_85 | cbcl 85: Strange ideas | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 86 | cbcl_86 | cbcl 86: Stubborn, sullen or irritable | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 87 | cbcl_87 | cbcl 87: Sudden changes in mood or feelings | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 88 | cbcl_88 | cbcl 88: Sulks a lot | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 89 | cbcl_89 | cbcl 89: Suspicious | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 90 | cbcl_90 | cbcl 90: Swearing or obscene language | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 91 | cbcl_91 | cbcl 91: Talks about killing self | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 92 | cbcl_92 | cbcl 92: Talks or walks in sleep | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 93 | cbcl_93 | cbcl 93: Talks toomuch | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 94 | cbcl_94 | cbcl 94: Teases a lot | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 95 | cbcl_95 | cbcl 95: Temper tantrums or hot temper | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 96 | cbcl_96 | cbcl 96: Thinks about sex too much | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |

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| | | CBCL item 97 | cbcl_97 | cbcl 97: Threatens people | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 98 | cbcl_98 | cbcl 98: Thumb-sucking | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 99 | cbcl_99 | cbcl 99: Smokes, chews, sniffs tobacco or uses e-cigarettes | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 100 | cbcl_100 | cbcl 100: Trouble sleeping describe | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 101 | cbcl_101 | cbcl 101: Truancy, skips school | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 102 | cbcl_102 | cbcl 102: Underactive, slow moving or lacks energy | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 103 | cbcl_103 | cbcl 103: Unhappy, sad, or depressed | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 104 | cbcl_104 | cbcl 104: Unusually loud | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 105 | cbcl_105 | cbcl 105: Uses drugs for nonmedical purposes (don't include alcohol or tobacco) describe | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 106 | cbcl_106 | cbcl 106: Vandalism | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 107 | cbcl_107 | cbcl 107: Wets self during the day | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 108 | cbcl_108 | cbcl 108: Wets the bed | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 109 | cbcl_109 | cbcl 109: Whining | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 110 | cbcl_110 | cbcl 110: Wishes to be of a different gender | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |

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| | | CBCL item 111 | cbcl_111 | cbcl 111: Withdrawn, doesn't get involved with others | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 112 | cbcl_112 | cbcl 112: Worries | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL item 113 | cbcl_113 | cbcl 113: Please write any problems your child has that were not listed above | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | CBCL: Anxious/depressed subscale raw score | cbcl_anxious_depressed_raw | cbcl: Anxious/depressed subscale raw score | Numeric | | |
| | | CBCL: Anxious/depressed subscale t score | cbcl_anxious_depressed_t | cbcl: Anxious/depressed subscale t score | Numeric | | |
| | | CBCL: Withdrawn/depressed subscale raw score | cbcl_withdrawn_depressed_raw | cbcl: Withdrawn/depressed subscale raw score | Numeric | | |
| | | CBCL: Withdrawn/depressed subscale t score | cbcl_withdrawn_depressed_t | cbcl: Withdrawn/depressed subscale t score | Numeric | | |
| | | CBCL: Somatic complaints subscale raw score | cbcl_somatic_complaints_raw | cbcl: Somatic complaints subscale raw score | Numeric | | |
| | | CBCL: Somatic complaints subscale t score | cbcl_somatic_complaints_t | cbcl: Somatic complaints subscale t score | Numeric | | |
| | | CBCL: Social problems subscale raw score | cbcl_social_problems_raw | cbcl: Social problems subscale raw score | Numeric | | |
| | | CBCL: Social problems subscale t score | cbcl_social_problems_t | cbcl: Social problems subscale t score | Numeric | | |
| | | CBCL: Thought problems | cbcl_thought_problems_raw | cbcl: Thought problems subscale raw score | Numeric | | |

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| | | subscale raw score | | | | | |
| | | CBCL: Thought problems subscale t score | cbcl_thought_problems_t | cbcl: Thought problems subscale t score | Numeric | | |
| | | CBCL: Attention problems subscale raw score | cbcl_attention_problems_raw | cbcl: Attention problems subscale raw score | Numeric | | |
| | | CBCL: Attention problems subscale t score | cbcl_attention_problems_t | cbcl: Attention problems subscale t score | Numeric | | |
| | | CBCL: Rule-breaking behaviour subscale raw score | cbcl_rule_breaking_raw | cbcl: Rule-breaking behaviour subscale raw score | Numeric | | |
| | | CBCL: Rule-breaking behaviour subscale t score | cbcl_rule_breaking_t | cbcl: Rule-breaking behaviour subscale t score | Numeric | | |
| | | CBCL: Aggressive behaviour raw score | cbcl_aggressive_behaviour_raw | cbcl: Aggressive behaviour raw score | Numeric | | |
| | | CBCL: Aggressive behaviour score | cbcl_aggressive_behaviour_t | cbcl: Aggressive behaviour t score | Numeric | | |
| | | CBCL: Internalizing raw score | cbcl_internalizing_raw | cbcl: Internalizing raw score | Numeric | | |
| | | CBCL: Internalizing score | cbcl_internalizing_t | cbcl: Internalizing t score | Numeric | | |
| | | CBCL: Externalizing raw score | cbcl_externalizing_raw | cbcl: Externalizing raw score | Numeric | | |
| | | CBCL: Externalizing score | cbcl_externalizing_t | cbcl: Externalizing t score | Numeric | | |

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| | ABCL | ABCL administered? | abcl_administered | ABCL administered on participant? | Numeric | Enumeration | 0 = no; 1 = yes |
| | | ABCL date of assessment | abcl_date | ABCL date of assessment | Date | YYYY-MM | |
| | | ABCL age at assessment | abcl_age | ABCL age of assessment | Numeric | | |
| | | Informant | abcl_informant | abcl: informant | Numeric | Enumeration | 1=spouse; 2=partner; 3=other |
| | | Informant other | abcl_informant_other | abcl: informant if other | String | | |
| | | A. How many close friends does the adult have? | abcl_tot_frnd | abcl: A. How many close friends does the adult have? | Numeric | Enumeration | 1 = 0; 2 = 1; 3 = 2 or 3; 4 = 4 or more |
| | | B. About how many times a week does your adult do things with any freinds outside of regular school days? | abcl_time_frnd | abcl: B. About how many times a week does your adult do things with any freinds outside of regular school days? | Numeric | Enumeration | 1 = less than 1; 2 = 1 or 2; 2 = 3 or 4; 4 = 5 or more |
| | | C. How well does the adult get along with close friends? | abcl_along_frnd | abcl: C. How well does the adult get along with close friends? | Numeric | Enumeration | 1 = not well; 2 = average; 3 = above average; 4 = far above average |
| | | D. About how many times a month do any friends or family visit the adult? | abcl_visit | abcl: D. About how many times a month do any friends or family visit the adult? | Numeric | Enumeration | 1 = less than 1; 2 = 1 or 2; 2 = 3 or 4; 4 = 5 or more |
| | | What is the adult's marital status? | abcl_marital_status | abcl: What is the adult's marital status? | Numeric | Enumeration | 1 = never been married; 2 = married or living together; 3 = widowed; 4 = married but living separated; 5 = divorced; 6 = other |
| | At any time in the past 6 months, did the adult live with a spouse or partner? | abcl_living_together | abcl: At any time in the past 6 months, did the adult live with a spouse or partner? | Numeric | Enumeration | 1 = no; 2 = yes | |

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| | A. Gets along well with spouse or partner | abcl_partner | abcl: A. Gets along well with spouse or partner | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | B. Has trouble sharing responsibilities with spouse or partner | abcl_partner_responsibilities | abcl: B. Has trouble sharing responsibilities with spouse or partner | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | C. Seems satisfied with spouse or partner | abcl_partner_satisfaction | abcl: C. Seems satisfied with spouse or partner | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | D. Enjoys similar activities as spouse or partner | abcl_partner_activities | abcl: D. Enjoys similar activities as spouse or partner | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | E. Disagrees with spouse or partner about living arrangements, such as where to live | abcl_partner_living_arrangements | abcl: E. Disagrees with spouse or partner about living arrangements, such as where to live | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | F. Has trouble with spouse or partner's family | abcl_partner_family | abcl: F. Has trouble with spouse or partner's family | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | G. Likes spouse or partner's friends | abcl_partner_friends | abcl: G. Likes spouse or partner's friends | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | H. Is annoyed by spouse or partner's behavior | abcl_partner_annoyance | abcl: H. Is annoyed by spouse or partner's behavior | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | III. Does the adult have any illness, disability or handicap? | abcl_handicap | abcl: III. Does the adult have any illness, disability or handicap? | Numeric | Enumeration | 1= no; 2 = yes |
| IV. Please describe any concerns you have about the adult | abcl_worries | abcl: IV. Please describe any concerns you have about the adult | String | | | |

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| | | ABCL item 1 | abcl_1 | abcl 1: Is too forgetful | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 2 | abcl_2 | abcl 2: Makes good use of opportunities | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 3 | abcl_3 | abcl 3: Argues a lot | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 4 | abcl_4 | abcl 4: Works up to ability | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 5 | abcl_5 | abcl 5: Blames others for own problems | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 6 | abcl_6 | abcl 6: Uses drugs (other than alcohol or nicotine) for nonmedical purposes: | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 7 | abcl_7 | abcl 7: Bragging, boasting | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 8 | abcl_8 | abcl 8: Can't concentrate, can't pay attention for long | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 9 | abcl_9 | abcl 9: Can't get mind off certain thoughts; obsessions (describe) | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 10 | abcl_10 | abcl 10: Can't sit still, restless, or hyperactive | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 11 | abcl_11 | abcl 11: Too dependent on others | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 12 | abcl_12 | abcl 12: Complains of loneliness | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 13 | abcl_13 | abcl 13: Confused or seems to be in a fog | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 14 | abcl_14 | abcl 14: Cries a lot | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |

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| | | ABCL item 15 | abcl_15 | abcl 15: Is pretty honest | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 16 | abcl_16 | abcl 16: Cruelty, bullying or meannes to others | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 17 | abcl_17 | abcl 17: Daydreams or gets lost in thoughts | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 18 | abcl_18 | abcl 18: Deliberately harms self or attempts suicide | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 19 | abcl_19 | abcl 19: Demands a lot of attention | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 20 | abcl_20 | abcl 20: Destroys own things | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 21 | abcl_21 | abcl 21: Destroys things belonging to family or others | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 22 | abcl_22 | abcl 22: Worries about future | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 23 | abcl_23 | abcl 23: Breaks rules at work or elsewhere | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 24 | abcl_24 | abcl 24: Doesn't eat well | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 25 | abcl_25 | abcl 25: Doesn't get along with other people | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 26 | abcl_26 | abcl 26: Doesn't seem to feel guilty after misbehaving | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 27 | abcl_27 | abcl 27: Easily jealous | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 28 | abcl_28 | abcl 28: Gets along badly with family | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |

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| | | ABCL item 29 | abcl_29 | abcl 29: Fears certain animals, situations or places other than school (describe) | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 30 | abcl_30 | abcl 30: Poor social relations with other genders | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 31 | abcl_31 | abcl 31: Fears they might think or do something bad | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 32 | abcl_32 | abcl 32: Feels they have to be perfect | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 33 | abcl_33 | abcl 33: Feels or complains that no one loves them | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 34 | abcl_34 | abcl 34: Feels others are out to get them | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 35 | abcl_35 | abcl 35: Feels worthless or inferior | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 36 | abcl_36 | abcl 36: Gets hurt a lot, accident-prone | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 37 | abcl_37 | abcl 37: Gets in many fights | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 38 | abcl_38 | abcl 38: Relations with neighbours are poor | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 39 | abcl_39 | abcl 39: Hangs around with others who get in trouble | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 40 | abcl_40 | abcl 40: Hears sounds or voices that aren't there | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 41 | abcl_41 | abcl 41: Impulsive or acts without thinking | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 42 | abcl_42 | abcl 42: Would rather be alone than with others | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |

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| | | ABCL item 43 | abcl_43 | abcl 43: Lying or cheating | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 44 | abcl_44 | abcl 44: Feels overwhelmed by responsibilities | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 45 | abcl_45 | abcl 45: Nervous, highstrung, or tense | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 46 | abcl_46 | abcl 46: Nervous movements or twitching | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 47 | abcl_47 | abcl 47: Lacks self-confidence | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 48 | abcl_48 | abcl 48: Not liked by others | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 49 | abcl_49 | abcl 49: Can do certain things better than others | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 50 | abcl_50 | abcl 50: Too fearfull or anxious | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 51 | abcl_51 | abcl 51: Feels dizzy or lightheaded | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 52 | abcl_52 | abcl 52: Feels too guilty | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 53 | abcl_53 | abcl 53: Has trouble planning for the future | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 54 | abcl_54 | abcl 54: Overtired without good reason | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 55 | abcl_55 | abcl 55: Mood swings between elation and depression | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 56.a | abcl_56a | abcl 56a: Physical problems without known medical cause - aches or pains (not stomach or headaches) | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |

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| | | ABCL item 56.b | abcl_56b | abcl 56b: Physical problems without known medical cause - headaches | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 56.c | abcl_56c | abcl 56c: Physical problems without known medical cause - nausea, feels sick | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 56.d | abcl_56d | abcl 56d: Physical problems without known medical cause - problems with eyes (not if corrected by glasses) | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 56.e | abcl_56e | abcl 56e: Physical problems without known medical cause - rashes or other skin problems | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 56.f | abcl_56f | abcl 56f: Physical problems without known medical cause - stomachaches | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 56.g | abcl_56g | abcl 56g: Physical problems without known medical cause - vomiting, throwing up | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 57 | abcl_57 | abcl 57: Physically attacks people | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 58 | abcl_58 | abcl 58: Picks nose, skin or other parts of body describe | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 59 | abcl_59 | abcl 59: Fails to finish things they should do | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 60 | abcl_60 | abcl 60: There is very little that they enjoy | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 61 | abcl_61 | abcl 61: Poor work performance | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 62 | abcl_62 | abcl 62: Poorly coordinated or clumsy | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 63 | abcl_63 | abcl 63: Would rather be with older people than with people of own age | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 64 | abcl_64 | abcl 64: Has trouble setting priorities | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |

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| | | ABCL item 65 | abcl_65 | abcl 65: Refuses to talk | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 66 | abcl_66 | abcl 66: Repeats certain acts over and over; compulsion | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 67 | abcl_67 | abcl 67: Has trouble making or keeping friends | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 68 | abcl_68 | abcl 68: Screams or yells a lot | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 69 | abcl_69 | abcl 69: Secretive, keep things to self | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 70 | abcl_70 | abcl 70: Sees things that aren't there | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 71 | abcl_71 | abcl 71: Self-conscious or easily embarrassed | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 72 | abcl_72 | abcl 72: Worries about family | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 73 | abcl_73 | abcl 73: Meets responsibilities to family | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 74 | abcl_74 | abcl 74: Showing off or clowning | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 75 | abcl_75 | abcl 75: Too shy or timid | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 76 | abcl_76 | abcl 76: Irresponsible behavior | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 77 | abcl_77 | abcl 77: Sleeps more than most people during day and/or night describe | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 78 | abcl_78 | abcl 78: Has trouble making decisions | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |

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| | | ABCL item 79 | abcl_79 | abcl 79: Speech problems | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 80 | abcl_80 | abcl 80: Stares blankly | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 81 | abcl_81 | abcl 81: Very changeable behavior | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 82 | abcl_82 | abcl 82: Steals | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 83 | abcl_83 | abcl 83: Is easily bored | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 84 | abcl_84 | abcl 84: Strange behaviour | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 85 | abcl_85 | abcl 85: Strange ideas | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 86 | abcl_86 | abcl 86: Stubborn, sullen or irritable | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 87 | abcl_87 | abcl 87: Sudden changes in mood or feelings | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 88 | abcl_88 | abcl 88: Enjoys being with people | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 89 | abcl_89 | abcl 89: Rushes into things without considering the risks | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 90 | abcl_90 | abcl 90: Drinks too much alcohol or gets drunk | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 91 | abcl_91 | abcl 91: Talks about killing self | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 92 | abcl_92 | abcl 92: Does things that may cause trouble with the law | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |

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| | | ABCL item 93 | abcl_93 | abcl 93: Talks too much | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 94 | abcl_94 | abcl 94: Teases a lot | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 95 | abcl_95 | abcl 95: Temper tantrums or hot temper | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 96 | abcl_96 | abcl 96: Passive or lacks initiative | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 97 | abcl_97 | abcl 97: Threatens people | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 98 | abcl_98 | abcl 98: Likes to help others | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 99 | abcl_99 | abcl 99: Dislikes staying in one place for very long | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 100 | abcl_100 | abcl 100: Trouble sleeping | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 101 | abcl_101 | abcl 101: Stays away from job even when not sick and not on vacation | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 102 | abcl_102 | abcl 102: Underactive, slow moving or lacks energy | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 103 | abcl_103 | abcl 103: Unhappy, sad, or depressed | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 104 | abcl_104 | abcl 104: Unusually loud | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 105 | abcl_105 | abcl 105: Is disorganized | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 106 | abcl_106 | abcl 106: Tries to be fair to others | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |

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| | | ABCL item 107 | abcl_107 | abcl 107: Feels they can't succeed | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 108 | abcl_108 | abcl 108: Tends to lose things | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 109 | abcl_109 | abcl 109: Likes to try new things | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 110 | abcl_110 | abcl 110: Makes good desicions | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 111 | abcl_111 | abcl 111: Withdrawn, doesn't get involved with others | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 112 | abcl_112 | abcl 112: Worries | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 113 | abcl_113 | abcl 113: Sulks a lot | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 114 | abcl_114 | abcl 114: Fails to pay debts or meet other financial responsibilities | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 115 | abcl_115 | abcl 115: Is restless or fidgety | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 116 | abcl_116 | abcl 116: Gets upset too easily | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 117 | abcl_117 | abcl 117: Has trouble managing money or credit cards | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 118 | abcl_118 | abcl 118: Is too impatient | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 119 | abcl_119 | abcl 119: Is not good at details | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 120 | abcl_120 | abcl 120: Drives too fast | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |

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| | | ABCL item 121 | abcl_121 | abcl 121: Tends to be late for appointments | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 122 | abcl_122 | abcl 122: Has trouble keeping a job | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 123 | abcl_123 | abcl 123: Is a happy person | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 124 | abcl_124 | abcl 124: In the past 6 months, about how many times per day did they use tobacco (including smokeless tobacco) or use e-cigarettes? | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 125 | abcl_125 | abcl 125: In the past 6 months, on how many days were they drunk? | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL item 126 | abcl_126 | abcl 126: In the past 6 months, on how many days did they use drugs for nonmedical purposes (including marijuana, cocaine, and other drugs, except alcohol and nicotine)? | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ABCL: Anxious/depressed subscale raw score | abcl_anxious_depressed_raw | abcl: Anxious/depressed subscale raw score | Numeric | | |
| | | ABCL: Anxious/depressed subscale t score | abcl_anxious_depressed_t | abcl: Anxious/depressed subscale t score | Numeric | | |
| | | ABCL: Withdrawn/depressed subscale raw score | abcl_withdrawn_depressed_raw | abcl: Withdrawn/depressed subscale raw score | Numeric | | |
| | | ABCL: Withdrawn/depressed subscale t score | abcl_withdrawn_depressed_t | abcl: Withdrawn/depressed subscale t score | Numeric | | |
| | | ABCL: Somatic complaints subscale raw score | abcl_somatic_complaints_raw | abcl: Somatic complaints subscale raw score | Numeric | | |
| | | ABCL: Somatic complaints subscale t score | abcl_somatic_complaints_t | abcl: Somatic complaints subscale t score | Numeric | | |

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| | | ABCL: Thought problems subscale raw score | abcl_thought_problems_raw | abcl: Thought problems subscale raw score | Numeric | | |
| | | ABCL: Thought problems subscale t score | abcl_thought_problems_t | abcl: Thought problems subscale t score | Numeric | | |
| | | ABCL: Attention problems subscale raw score | abcl_attention_problems_raw | abcl: Attention problems subscale raw score | Numeric | | |
| | | ABCL: Attention problems subscale t score | abcl_attention_problems_t | abcl: Attention problems subscale t score | Numeric | | |
| | | ABCL: Rule-breaking behaviour subscale raw score | abcl_rule_breaking_raw | abcl: Rule-breaking behaviour subscale raw score | Numeric | | |
| | | ABCL: Rule-breaking behaviour subscale t score | abcl_rule_breaking_t | abcl: Rule-breaking behaviour subscale t score | Numeric | | |
| | | ABCL: Aggressive behaviour raw score | abcl_aggressive_behaviour_raw | abcl: Aggressive behaviour raw score | Numeric | | |
| | | ABCL: Aggressive behaviour t score | abcl_aggressive_behaviour_t | abcl: Aggressive behaviour t score | Numeric | | |
| | | ABCL: Intrusive subscale raw score | abcl_intrusive_raw | abcl: Intrusive subscale raw score | Numeric | | |
| | | ABCL: Intrusive subscale t score | abcl_intrusive_t | abcl: Intrusive subscale t score | Numeric | | |
| | | ABCL: Internalizing raw score | abcl_internalizing_raw | abcl: Internalizing raw score | Numeric | | |
| | | ABCL: Internalizing t score | abcl_internalizing_t | abcl: Internalizing t score | Numeric | | |

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| | | ABCL:
Externalizing
raw score | abcl_externalizing_r
aw | abcl: Externalizing raw score | Numeric | | |
| | | ABCL:
Externalizing t
score | abcl_externalizing_t | abcl: Externalizing t score | Numeric | | |
| | YSR | YSR
administered? | ysr_administered | YSR administerd on participant? | Numeric | Enumerati
on | 0 = no; 1 = yes |
| | | YSR date of
assessment | ysr_date | YSR date of assessment | Date | YYYY-MM | |
| | | YSR age at
assessment | ysr_age | YSR age of assessment | Numeric | | |
| | | I. Please list the
sports you most
like to take part
in_a | ysr_preliminary_que
stion_1_a | ysr: I. Please list the sports you most like to take
part in_a | String | | |
| | | I. Please list the
sports you most
like to take part
in_b | ysr_preliminary_que
stion_1_b | ysr: I. Please list the sports you most like to take
part in_b | String | | |
| | | I. Please list the
sports you most
like to take part
in_c | ysr_preliminary_que
stion_1_c | ysr: I. Please list the sports you most like to take
part in_c | String | | |
| | | I. Compared to
others ofyour
age, about how
much time do
you spend in
each_a | ysr_preliminary_que
stion_1_a_a | ysr: I. Compared to others ofyour age, about how
much time do you spend in each_a | Numeric | Enumerati
on | 0=less than average;
1=average;2=more than
average;3=don't know |
| | | I. Compared to
others ofyour
age, about how
much time do
you spend in
each_b | ysr_preliminary_que
stion_1_b_b | ysr: I. Compared to others ofyour age, about how
much time do you spend in each_b | Numeric | Enumerati
on | 0=less than average;
1=average;2=more than
average;3=don't know |
| | | I. Compared to
others ofyour
age, about how
much time do
you spend in
each_c | ysr_preliminary_que
stion_1_c_c | ysr: I. Compared to others ofyour age, about how
much time do you spend in each_c | Numeric | Enumerati
on | 0=less than average;
1=average;2=more than
average;3=don't know |

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| | | II. Please list your favorite hobbies, activities, and games, other than sports a | ysr_preliminary_question_2_a | ysr: II. Please list your favorite hobbies, activities, and games, other than sports a | String | | |
| | | II. Please list your favorite hobbies, activities, and games, other than sports b | ysr_preliminary_question_2_b | ysr: II. Please list your favorite hobbies, activities, and games, other than sports b | String | | |
| | | II. Please list your favorite hobbies, activities, and games, other than sports c | ysr_preliminary_question_2_c | ysr: II. Please list your favorite hobbies, activities, and games, other than sports c | String | | |
| | | II. Compared to others your age, how much time do you spend in each_a | ysr_preliminary_question_2_a_a | ysr: II. Compared to others your age, how much time do you spend in each_a | Numeric | Enumeration | 0=less than average; 1=average;2=more than average;3=don't know |
| | | II. Compared to others your age, how much time do you spend in each_b | ysr_preliminary_question_2_b_b | ysr: II. Compared to others your age, how much time do you spend in each_b | Numeric | Enumeration | 0=less than average; 1=average;2=more than average;3=don't know |
| | | II. Compared to others your age, how much time do you spend in each_c | ysr_preliminary_question_2_c_c | ysr: II. Compared to others your age, how much time do you spend in each_c | Numeric | Enumeration | 0=less than average; 1=average;2=more than average;3=don't know |
| | | V. 1. About how many close friends do you have? | ysr_preliminary_question_V_1 | ysr: V. 1. About how many close friends do you have? | Numeric | Enumeration | 0=none; 1=1; 2=2 or 3; 4=4 or more |
| | | V. 2. About how many times a week do you do things with any friends outside | ysr_preliminary_question_V_2 | ysr: V. 2. About how many times a week do you do things with any friends outside of regular school hours | Numeric | Enumeration | 0=less than 1; 1=1 or 2; 2=3 or more |

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| | | of regular school hours | | | | | |
| | | VII.1 Performance in academic subjects a | ysr_preliminary_question_VII_a | ysr: VII.1 Performance in academic subjects a | Numeric | Enumeration | 0=failing; 1=below average; 2=average; 3=above average |
| | | VII.1 Performance in academic subjects b | ysr_preliminary_question_VII_b | ysr: VII.1 Performance in academic subjects b | Numeric | Enumeration | 0=failing; 1=below average; 2=average; 3=above average |
| | | VII.1 Performance in academic subjects c | ysr_preliminary_question_VII_c | ysr: VII.1 Performance in academic subjects c | Numeric | Enumeration | 0=failing; 1=below average; 2=average; 3=above average |
| | | VII.1 Performance in academic subjects d | ysr_preliminary_question_VII_d | ysr: VII.1 Performance in academic subjects d | Numeric | Enumeration | 0=failing; 1=below average; 2=average; 3=above average |
| | | YSR item 1 | ysr_1 | ysr 1: I act too young for my age | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 2 | ysr_2 | ysr 2: I drink alcohol without my parents' approval | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 3 | ysr_3 | ysr 3: I argue a lot | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 4 | ysr_4 | ysr 4: I fail to finish things that I start | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 5 | ysr_5 | ysr 5: There is very little that I enjoy | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 6 | ysr_6 | ysr 6: I like animals | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 7 | ysr_7 | ysr 7: I brag | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 8 | ysr_8 | ysr 8: I have trouble concentrating or paying attention | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |

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| | | YSR item 9 | ysr_9 | ysr 9: I can't get my mind of certain thoughts | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 10 | ysr_10 | ysr 10: I have trouble sitting still | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 11 | ysr_11 | ysr 11: I am too dependent on adults | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 12 | ysr_12 | ysr 12: I feel lonely | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 13 | ysr_13 | ysr 13: I feel confused or in a bog | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 14 | ysr_14 | ysr 14: I cry a lot | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 15 | ysr_15 | ysr 15: I am pretty honest | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 16 | ysr_16 | ysr 16: I am mean to others | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 17 | ysr_17 | ysr 17: I daydream a lot | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 18 | ysr_18 | ysr 18: I deliberately try to hurt or kill myself | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 19 | ysr_19 | ysr 19: I try to get a lot of attention | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 20 | ysr_20 | ysr 20: I destroy my own things | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 21 | ysr_21 | ysr 21: I destroy things belonging to others | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 22 | ysr_22 | ysr 22: I disobey my parents | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |

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| | | YSR item 23 | ysr_23 | ysr 23: I disobey at school | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 24 | ysr_24 | ysr 24: I don't eat as well as I should | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 25 | ysr_25 | ysr 25: I don't get along with other kids | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 26 | ysr_26 | ysr 26: I don't feel guilty after doing something I shouldn't | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 27 | ysr_27 | ysr 27: I am jealous of others | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 28 | ysr_28 | ysr 28: I break rules at home, school, or elsewhere | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 29 | ysr_29 | ysr 29: I am afraid of certain animals, situations, or places, other than school | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 30 | ysr_30 | ysr 30: I am afraid of going to school | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 31 | ysr_31 | ysr 31: I am afraid I might think or do something bad | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 32 | ysr_32 | ysr 32: I feel that I have to be perfect | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 33 | ysr_33 | ysr 33: I feel that no one loves me | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 34 | ysr_34 | ysr 34: I feel that others are out to get me | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 35 | ysr_35 | ysr 35: I feel worthless or inferior | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 36 | ysr_36 | ysr 36: I accidentally get hurt a lot | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |

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| | | YSR item 37 | ysr_37 | ysr 37: I get in many fights | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 38 | ysr_38 | ysr 38: I get teased a lot | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 39 | ysr_39 | ysr 39: I hang around with kids who get in trouble | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 40 | ysr_40 | ysr 40: I hear sounds or voices that other people think aren't there | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 41 | ysr_41 | ysr 41: I act without stopping to think | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 42 | ysr_42 | ysr 42: I would rather be alone than with others | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 43 | ysr_43 | ysr 43: I lie or cheat | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 44 | ysr_44 | ysr 44: I bite my fingernails | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 45 | ysr_45 | ysr 45: I am nervous or tense | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 46 | ysr_46 | ysr 46: Parts of my body twitch or make nervous movements | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 47 | ysr_47 | ysr 47: I have nightmares | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 48 | ysr_48 | ysr 48: I am not liked by other kids | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 49 | ysr_49 | ysr 49: I can do certain things better than most kids | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 50 | ysr_50 | ysr 50: I am too fearful or anxious | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |

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| | | YSR item 51 | ysr_51 | ysr 51: I feel dizzy or lightheaded | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 52 | ysr_52 | ysr 52: I feel too guilty | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 53 | ysr_53 | ysr 53: I eat too much | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 54 | ysr_54 | ysr 54: I feel overtired without good reason | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 55 | ysr_55 | ysr 55: I am overweight | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 56a | ysr_56a | ysr 56a: Physical problems without known medical cause - aches or pains (not stomach or headaches) | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 56b | ysr_56b | ysr 56b: Physical problems without known medical cause - headaches | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 56c | ysr_56c | ysr 56c: Physical problems without known medical cause - nausea | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 56d | ysr_56d | ysr 56d: Physical problems without known medical cause - problems with eyes (not if corrected by glasses) | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 56e | ysr_56e | ysr 56e: Physical problems without known medical cause - rashes or other skin problems | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 56f | ysr_56f | ysr 56f: Physical problems without known medical cause - stomachaches | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 56g | ysr_56g | ysr 56g: Physical problems without known medical cause - vomiting, throwing up | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 56h | ysr_56h | ysr 56h: Physical problems without known medical cause - other | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 57 | ysr_57 | ysr 57: I physically attack people | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |

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| | | YSR item 58 | ysr_58 | ysr 58: I pick my skin or other parts of my body | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 59 | ysr_59 | ysr 59: I can be pretty friendly | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 60 | ysr_60 | ysr 60: I like to try new things | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 61 | ysr_61 | ysr 61: My school work is poor | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 62 | ysr_62 | ysr 62: I am poorly coordinated or clumsy | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 63 | ysr_63 | ysr 63: I would rather be with older kids than kids my own age | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 64 | ysr_64 | ysr 64: I would rather be with younger kids than kids my age | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 65 | ysr_65 | ysr 65: I refuse to talk | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 66 | ysr_66 | ysr 66: I repeat certain acts over and over | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 67 | ysr_67 | ysr 67: I run away from home | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 68 | ysr_68 | ysr 68: I scream a lot | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 69 | ysr_69 | ysr 69: I am secretive or keep things to myself | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 70 | ysr_70 | ysr 70: I see things that other people think aren't there | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 71 | ysr_71 | ysr 71: I am self-conscious or easily embarrassed | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |

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| | | YSR item 72 | ysr_72 | ysr 72: I set fires | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 73 | ysr_73 | ysr 73: I can work well with my hands | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 74 | ysr_74 | ysr 74: I show off or clown | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 75 | ysr_75 | ysr 75: I am too shy or timid | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 76 | ysr_76 | ysr 76: I sleep less than most kids | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 77 | ysr_77 | ysr 77: I sleep more than most kids during day and/or night | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 78 | ysr_78 | ysr 78: I am inattentive or easily distracted | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 79 | ysr_79 | ysr 79: I have a speech problem | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 80 | ysr_80 | ysr 80: I stand up for my rights | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 81 | ysr_81 | ysr 81: I steal at home | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 82 | ysr_82 | ysr 82: I steal from places other than home | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 83 | ysr_83 | ysr 83: I store up too many things I don't need | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 84 | ysr_84 | ysr 84: I do things other people think are strange | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 85 | ysr_85 | ysr 85: I have thoughts that other people would think are strange | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |

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| | | YSR item 86 | ysr_86 | ysr 86: I am stubborn | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 87 | ysr_87 | ysr 87: My moods or feelings change suddenly | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 88 | ysr_88 | ysr 88: I enjoy being with people | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 89 | ysr_89 | ysr 89: I am suspicious | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 90 | ysr_90 | ysr 90: I swear or use dirty language | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 91 | ysr_91 | ysr 91: I think about killing myself | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 92 | ysr_92 | ysr 92: I like to make others laugh | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 93 | ysr_93 | ysr 93: I talk too much | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 94 | ysr_94 | ysr 94: I tease others a lot | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 95 | ysr_95 | ysr 95: I have a hot temper | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 96 | ysr_96 | ysr 96: I think about sex too much | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 97 | ysr_97 | ysr 97: I threaten to hurt people | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 98 | ysr_98 | ysr 98: I like to help others | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 99 | ysr_99 | ysr 99: I smoke, check, sniff tobacco or use e-cigs | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |

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| | | YSR item 100 | ysr_100 | ysr 100: I have trouble sleeping | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 101 | ysr_101 | ysr 101: I cut classes or skip school | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 102 | ysr_102 | ysr 102: I don't have much energy | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 103 | ysr_103 | ysr 103: I am unhappy, sad, or depressed | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 104 | ysr_104 | ysr 104: I am louder than other kids | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 105 | ysr_105 | ysr 105: I use drugs for nonmedical purposes (don't include alcohol or tobacco) | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 106 | ysr_106 | ysr 106: I like to be fair to others | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 107 | ysr_107 | ysr 107: I enjoy a good joke | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 108 | ysr_108 | ysr 108: I like to take life easy | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 109 | ysr_109 | ysr 109: I try to help other people when I can | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 110 | ysr_110 | ysr 110: I wish I were of a different gender | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 111 | ysr_111 | ysr 111: I keep from getting involved with others | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR item 112 | ysr_112 | ysr 112: I worry a lot | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | YSR: Anxious/depressed | ysr_anxious_depressed_raw | ysr: Anxious/depressed subscale raw score | Numeric | | |

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| | | ed subscale raw score | | | | |
| | | YSR: Anxious/depressed subscale t score | ysr_anxious_depressed_t | ysr: Anxious/depressed subscale t score | Numeric | |
| | | YSR: Withdrawn/depressed subscale raw score | ysr_withdrawn_depressed_raw | ysr: Withdrawn/depressed subscale raw score | Numeric | |
| | | YSR: Withdrawn/depressed subscale t score | ysr_withdrawn_depressed_t | ysr: Withdrawn/depressed subscale t score | Numeric | |
| | | YSR: Somatic complaints subscale raw score | ysr_somatic_complaints_raw | ysr: Somatic complaints subscale raw score | Numeric | |
| | | YSR: Somatic complaints subscale t score | ysr_somatic_complaints_t | ysr: Somatic complaints subscale t score | Numeric | |
| | | YSR: Social problems subscale raw score | ysr_social_problems_raw | ysr: Social problems subscale raw score | Numeric | |
| | | YSR: Social problems subscale t score | ysr_social_problems_t | ysr: Social problems subscale t score | Numeric | |
| | | YSR: Thought problems subscale raw score | ysr_thought_problems_raw | ysr: Thought problems subscale raw score | Numeric | |
| | | YSR: Thought problems subscale t score | ysr_thought_problems_t | ysr: Thought problems subscale t score | Numeric | |
| | | YSR: Attention problems subscale raw score | ysr_attention_problems_raw | ysr: Attention problems subscale raw score | Numeric | |
| | | YSR: Attention problems subscale t score | ysr_attention_problems_t | ysr: Attention problems subscale t score | Numeric | |

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| | | YSR:
Rule-breaking
behaviour
subscale raw
score | ysr_rule_breaking_r
aw | ysr: Rule-breaking behaviour subscale raw score | Numeric | | |
| | | YSR:
Rule-breaking
behaviour
subscale t score | ysr_rule_breaking_t | ysr: Rule-breaking behaviour subscale t score | Numeric | | |
| | | YSR: Aggressive
behaviour raw
score | ysr_aggressive_beh
aviour_raw | ysr: Aggressive behaviour raw score | Numeric | | |
| | | YSR: Aggressive
behaviour t
score | ysr_aggressive_beh
aviour_t | ysr: Aggressive behaviour t score | Numeric | | |
| | | YSR:
Internalizing raw
score | ysr_internalizing_ra
w | ysr: Internalizing raw score | Numeric | | |
| | | YSR:
Internalizing t
score | ysr_internalizing_t | ysr: Internalizing t score | Numeric | | |
| | | YSR:
Externalizing
raw score | ysr_externalizing_ra
w | ysr: Externalizing raw score | Numeric | | |
| | | YSR:
Externalizing t
score | ysr_externalizing_t | ysr: Externalizing t score | Numeric | | |
| | ASR | ASR
administered? | asr_administered | ASR administered on participant? | Numeric | Enumeration | 0 = no; 1 = yes |
| | | ASR date of
assessment | asr_date | ASR date of assessment | Date | YYYY-MM | |
| | | ASR age at
assessment | asr_age | ASR age of assessment | Numeric | | |
| | | Work? | asr_work | asr: Your work | String | | |
| | | Spouse or
partner's work | asr_work_partner | asr: Spouse or partner's work | String | | |
| | | A. About how
many close
friends do you
have? | asr_tot_frnd | asr A. About how many close friends do you
have? | Numeric | Enumeration | 1 = 0; 2 = 1; 3 = 2 or 3; 4 = 4 or
more |

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| | | B. About how many times a month do you have contact with any of your close friends? | asr_time_frnd | asr: B. About how many times a month do you have contact with any of your close friends? | Numeric | Enumeration | 1 = less than 1; 2 = 1 or 2; 2 = 3 or 4; 4 = 5 or more |
| | | C. How well do you get along with your friends? | asr_along_frnd | asr: C. How well do you get along with your friends? | Numeric | Enumeration | 1 = not as well as I'd like; 2 = average; 3 = above average; 4 = far above average |
| | | D. How many times a month do any friends or family visit? | asr_visit | asr: D. How many times a month do any friends or family visit? | Numeric | Enumeration | 1 = less than 1; 2 = 1 or 2; 2 = 3 or 4; 4 = 5 or more |
| | | What is your marital status? | asr_marital_status | asr: What is your marital status? | Numeric | Enumeration | 1 = never been married; 2 = married or living together; 3 = widowed; 4 = married but living separated; 5 = divorced; 6 = other |
| | | At any time in the past 6 months, did you live with a spouse or partner? | asr_living_together | asr: At any time in the past 6 months, did you live with a spouse or partner? | Numeric | Enumeration | 1 = no; 2 = yes |
| | | A. I get along well with my spouse or partner. | asr_partner | asr: A. I get along well with my spouse or partner. | Numeric | Enumeration | 0; 1; 2 |
| | | B. My spouse or partner and I have trouble sharing responsibilities. | asr_partner_responsibilities | asr: B. My spouse or partner and I have trouble sharing responsibilities. | Numeric | Enumeration | 0; 1; 2 |
| | | C. I feel satisfied with my spouse or partner. | asr_satisfaction | asr: C. I feel satisfied with my spouse or partner. | Numeric | Enumeration | 0; 1; 2 |
| | | D. My spouse or partner and I enjoy similar activities. | asr_partner_activities | asr: D. My spouse or partner and I enjoy similar activities. | Numeric | Enumeration | 0; 1; 2 |

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| | | E. My spouse or partner and I disagree about living arrangements, such as where we live. | asr_living_arrangements | asr: E. My spouse or partner and I disagree about living arrangements, such as where we live. | Numeric | Enumeration | 0; 1; 2 |
| | | F. I have trouble with my spouse or partner's family. | asr_partner_family | asr: F. I have trouble with my spouse or partner's family. | Numeric | Enumeration | 0; 1; 2 |
| | | G. I like my spouse or partner's friends. | asr_partner_friends | asr: G. I like my spouse or partner's friends. | Numeric | Enumeration | 0; 1; 2 |
| | | H. My spouse or partner's behavior annoys me. | asr_partner_annoyance | asr: H. My spouse or partner's behavior annoys me. | Numeric | Enumeration | 0; 1; 2 |
| | | A. Get along with your brothers? | asr_brothers | asr: A. Get along with your brothers? | Numeric | Enumeration | 0 = I have no brothers; 1 = worse than average; 2 = average; 3 = better than average; 4 = no contact |
| | | B. Get along with your sisters? | asr_sisters | asr: B. Get along with your sisters? | Numeric | Enumeration | 0 = I have no sisters; 1 = worse than average; 2 = average; 3 = better than average; 4 = no contact |
| | | C. Get along with your mother? | asr_mother | asr: C. Get along with your mother? | Numeric | Enumeration | 0 = mother has died; 1 = worse than average; 2 = average; 3 = better than average; 4 = no contact |
| | | D. Get along with your father? | asr_father | asr: D. Get along with your father? | Numeric | Enumeration | 0 = father has died; 1 = worse than average; 2 = average; 3 = better than average; 4 = no contact |
| | | E. Get along with your children? | asr_children | asr: E. Get along with your children? | Numeric | Enumeration | 1 = I have no children |
| | | E1. Oldest child | asr_children_oldest | asr: E1. Oldest child | Numeric | Enumeration | 0 = not applicable; 1 = worse than average; 2 = average; 3 = better than average |
| | | E2. Second oldest child | asr_children_second | asr: E2. Second oldest child | Numeric | Enumeration | 0 = not applicable; 1 = worse than average; 2 = average; 3 = better than average |
| | | E3. Third oldest child | asr_children_third | asr: E3. Third oldest child | Numeric | Enumeration | 0 = not applicable; 1 = worse than average; 2 = average; 3 = better than average |

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| | | E4. Other children | asr_children_other | asr: E4. Other children | Numeric | Enumeration | 0 = not applicable; 1 = worse than average; 2 = average; 3 = better than average |
| | | F. Get along with your stepchildren? | asr_stepchildren | asr: F. Get along with your stepchildren? | Numeric | Enumeration | 0 = not applicable; 1 = worse than average; 2 = average; 3 = better than average |
| | | At any time in the past 6 months, did you have any paid jobs (including self-employment and military service)? | asr_paid_work | asr: At any time in the past 6 months, did you have any paid jobs (including self-employment and military service)? | Numeric | Enumeration | 1 = no; 2 = yes |
| | | A. I work well with others. | asr_work_others | asr: A. I work well with others. | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | B. I have trouble getting along with bosses. | asr_boss | asr: B. I have trouble getting along with bosses. | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | C. I do my work well. | asr_work_quality | asr: C. I do my work well. | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | D. I have trouble finishing my work. | asr_work_finish | asr: D. I have trouble finishing my work. | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | E. I am satisfied with my work situation. | asr_work_satisfaction | asr: E. I am satisfied with my work situation. | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | F. I do things that may cause me to lose my job. | asr_work_behavior | asr: F. I do things that may cause me to lose my job. | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | G. I stay away from my job even when I'm not sick or not on vacation. | asr_away | asr: G. I stay away from my job even when I'm not sick or not on vacation. | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | H. My job is too stressful for me. | asr_work_stress | asr: H. My job is too stressful for me. | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |

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| | I. I worry too much about work. | asr_work_worry | asr: I. I worry too much about work. | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | At any time in the past 6 months, did you attend school, college or any other educational or training program? | asr_study | asr: At any time in the past 6 months, did you attend school, college or any other educational or training program? | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | What degree or diploma are you seeking? | asr_study_degree | asr: What degree or diploma are you seeking? | String | | |
| | When do you expect to receive your degree or diploma? | asr_degree_finished | asr: When do you expect to receive your degree or diploma? | String | | |
| | A. I get along well with other students. | asr_students | asr: A. I get along well with other students. | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | B. I achieve what I am capable of. | asr_study_achievement | asr: B. I achieve what I am capable of. | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | C. I have trouble finishing assignments. | asr_study_assignments | asr: C. I have trouble finishing assignments. | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | D. I am satisfied with my educational situation. | asr_study_satisfaction | asr: D. I am satisfied with my educational situation. | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | E. I do things that may cause me to fail. | asr_study_failure | asr: E. I do things that may cause me to fail. | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | VI. Do you have any illness, disability or handicap? | asr_handicap | asr: VI. Do you have any illness, disability or handicap? | Numeric | Enumeration | 1 = no; 2 = yes |
| | VII. Please describe your concerns or | asr_worries | asr: VII. Please describe your concerns or worries about family, work, education or other things | String | | |

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| | worries about family, work, education or other things | | | | | |
| | VIII. Please describe the best things about yourself | asr_self_description | asr: VIII. Please describe the best things about yourself | String | | |
| | ASR item 1 | asr_1 | asr 1: I am too forgetful | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | ASR item 2 | asr_2 | asr 2: I make good use of my opportunities | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | ASR item 3 | asr_3 | asr 3: I argue a lot | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | ASR item 4 | asr_4 | asr 4: I work up to my ability | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | ASR item 5 | asr_5 | asr 5: I blame others for my problems | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | ASR item 6 | asr_6 | asr 6: I use drugs (other than alcohol or nicotine) for nonmedical purposes | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | ASR item 7 | asr_7 | asr 7: I brag | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | ASR item 8 | asr_8 | asr 8: I have trouble concentrating or paying attention for long | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | ASR item 9 | asr_9 | asr 9: I can't get my mind of certain thoughts | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | ASR item 10 | asr_10 | asr 10: I have trouble sitting still | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | ASR item 11 | asr_11 | asr 11: I am too dependent on others | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |

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| | | ASR item 12 | asr_12 | asr 12: I feel lonely | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 13 | asr_13 | asr 13: I feel confused or in a fog | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 14 | asr_14 | asr 14: I cry a lot | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 15 | asr_15 | asr 15: I am pretty honest | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 16 | asr_16 | asr 16: I am mean to others | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 17 | asr_17 | asr 17: I daydream a lot | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 18 | asr_18 | asr 18: I deliberately try to hurt or kill myself | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 19 | asr_19 | asr 19: I try to get a lot of attention | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 20 | asr_20 | asr 20: I damage or destroy my things | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 21 | asr_21 | asr 21: I damage or destroy my things belonging to others | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 22 | asr_22 | asr 22: I worry about my future | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 23 | asr_23 | asr 23: I break rules at work or elsewhere | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 24 | asr_24 | asr 24: I don't eat as well as I should | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 25 | asr_25 | asr 25: I don't get along with other people | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |

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| | | ASR item 26 | asr_26 | asr 26: I don't feel guilty after doing something I shouldn't | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 27 | asr_27 | asr 27: I am jealous of others | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 28 | asr_28 | asr 28: I get along badly with my family | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 29 | asr_29 | asr 29: I am afraid of certain animals, situations, or places | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 30 | asr_30 | asr 30: My social relations with other genders are poor | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 31 | asr_31 | asr 31: I am afraid I might think or do something | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 32 | asr_32 | asr 32: I feel that I have to be perfect | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 33 | asr_33 | asr 33: I feel that no one loves me | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 34 | asr_34 | asr 34: I feel that others are out to get me | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 35 | asr_35 | asr 35: I feel worthless or inferior | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 36 | asr_36 | asr 36: I accidentally get hurt a lot, accident-prone | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 37 | asr_37 | asr 37: I get in many fights | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 38 | asr_38 | asr 38: My relations with neighbors are poor | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 39 | asr_39 | asr 39: I hang around people who get in trouble | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |

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| | ASR item 40 | asr_40 | asr 40: I hear sounds or voices that other people think aren't there | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | ASR item 41 | asr_41 | asr 41: I am impulsive or act without thinking | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | ASR item 42 | asr_42 | asr 42: I would rather be alone than with others | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | ASR item 43 | asr_43 | asr 43: I lie or cheat | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | ASR item 44 | asr_44 | asr 44: I feel overwhelmed by my responsibilities | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | ASR item 45 | asr_45 | asr 45: I am nervous or tense | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | ASR item 46 | asr_46 | asr 46: Parts of my body twitch or make nervous movements | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | ASR item 47 | asr_47 | asr 47: I lack self-confidence | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | ASR item 48 | asr_48 | asr 48: I am not liked by others | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | ASR item 49 | asr_49 | asr 49: I can do certain things better than other people | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | ASR item 50 | asr_50 | asr 50: I am too fearful or anxious | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | ASR item 51 | asr_51 | asr 51: I feel dizzy or lightheaded | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | ASR item 52 | asr_52 | asr 52: I feel too guilty | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | ASR item 53 | asr_53 | asr 53: I have trouble planning for the future | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |

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| | | ASR item 54 | asr_54 | asr 54: I feel tired without good reason | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 55 | asr_55 | asr 55: My mood swings between elation and depression | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 56.a | asr_56a | asr 56a: Physical problems without known medical cause - aches or pains (not stomach or headaches) | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 56.b | asr_56b | asr 56b: Physical problems without known medical cause - headaches | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 56.c | asr_56c | asr 56c: Physical problems without known medical cause - nausea, feels sick | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 56.d | asr_56d | asr 56d: Physical problems without known medical cause - problems with eyes (not if corrected by glasses) | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 56.e | asr_56e | asr 56e: Physical problems without known medical cause - rashes or other skin problems | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 56.f | asr_56f | asr 56f: Physical problems without known medical cause - stomachaches | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 56.g | asr_56g | asr 56g: Physical problems without known medical cause - vomiting, throwing up | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 56.h | asr_56h | asr 56h: Physical problems without known medical cause - heart pounding or racing | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 56.i | asr_56i | asr 56i: Physical problems without known medical cause - numbness or tingling in body parts | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 57 | asr_57 | asr 57: I physically attack people | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 58 | asr_58 | asr 58: I pick my skin or other parts of my body | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 59 | asr_59 | asr 59: I fail to finish things I should do | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |

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| | | ASR item 60 | asr_60 | asr 60: There is very little I enjoy | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 61 | asr_61 | asr 61: My work performance is poor | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 62 | asr_62 | asr 62: I am poorly coordinated or clumsy | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 63 | asr_63 | asr 63: I would rather be with older people than people of my own age | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 64 | asr_64 | asr 64: I have trouble setting priorities | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 65 | asr_65 | asr 65: I refuse to talk | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 66 | asr_66 | asr 66: I repeat certain acts over and over | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 67 | asr_67 | asr 67: I have trouble making or keeping friends | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 68 | asr_68 | asr 68: I scream or yell a lot | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 69 | asr_69 | asr 69: I am secretive or keep things to myself | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 70 | asr_70 | asr 70: I see things that other people think aren't there | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 71 | asr_71 | asr 71: I am self-conscious or easily embarrassed | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 72 | asr_72 | asr 72: I worry about my family | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 73 | asr_73 | asr 73: I meet my responsibilities to my family | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |

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| | | ASR item 74 | asr_74 | asr 74: I show off or clown | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 75 | asr_75 | asr 75: I am too shy or timid | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 76 | asr_76 | asr 76: My behavior is irresponsible | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 77 | asr_77 | asr 77: I sleep more than most people during day and/or night | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 78 | asr_78 | asr 78: I have trouble making decisions | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 79 | asr_79 | asr 79: I have a speech problem | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 80 | asr_80 | asr 80: I stand up for my rights | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 81 | asr_81 | asr 81: My behavior is very changeable | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 82 | asr_82 | asr 82: I steal | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 83 | asr_83 | asr 83: I am easily bored | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 84 | asr_84 | asr 84: I do things that other people think are strange | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 85 | asr_85 | asr 85: I have thoughts that other people would think are strange | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 86 | asr_86 | asr 86: I am stubborn, sullen, or irritable | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 87 | asr_87 | asr 87: My moods or feelings change suddenly | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |

| | | | | | | | |
|--|--|--------------|---------|--|---------|-------------|--|
| | | ASR item 88 | asr_88 | asr 88: I enjoy being with people | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 89 | asr_89 | asr 89: I rush into things without considering the risks | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 90 | asr_90 | asr 90: I drink too much alcohol or get drunk | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 91 | asr_91 | asr 91: I think about killing myself | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 92 | asr_92 | asr 92: I do things that may cause me trouble with the law | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 93 | asr_93 | asr 93: I talk too much | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 94 | asr_94 | asr 94: I tease others a lot | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 95 | asr_95 | asr 95: I have a hot temper | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 96 | asr_96 | asr 96: I think about sex too much | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 97 | asr_97 | asr 97: I threaten to hurt people | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 98 | asr_98 | asr 98: I like to help others | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 99 | asr_99 | asr 99: I dislike staying in one place for very long | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 100 | asr_100 | asr 100: I have trouble sleeping | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 101 | asr_101 | asr 101: I stay away from my job even when I'm not sick or on vacation | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |

| | | | | | | | |
|--|--|--------------|---------|--|---------|-------------|--|
| | | ASR item 102 | asr_102 | asr 102: I don't have much energy | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 103 | asr_103 | asr 103: I am unhappy, sad, or depressed | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 104 | asr_104 | asr 104: I am louder than others | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 105 | asr_105 | asr 105: People think I'm disorganized | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 106 | asr_106 | asr 106: I try to be fair to others | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 107 | asr_107 | asr 107: I feel that I can't succeed | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 108 | asr_108 | asr 108: I tend to lose things | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 109 | asr_109 | asr 109: I like to try new things | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 110 | asr_110 | asr 110: I wish I were of a different gender | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 111 | asr_111 | asr 111: I keep from getting involved with others | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 112 | asr_112 | asr 112: I worry a lot | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 113 | asr_113 | asr 113: I worry about my social relations with other genders | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 114 | asr_114 | asr 114: I fail to pay my debts or meet other financial responsibilities | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 115 | asr_115 | asr 115: I feel restless or fidgety | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |

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|--|--|--|---------------------------|---|---------|-------------|--|
| | | ASR item 116 | asr_116 | asr 116: I get upset too easily | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 117 | asr_117 | asr 117: I have trouble managing money or credit cards | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 118 | asr_118 | asr 118: I am too impatient | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 119 | asr_119 | asr 119: I am not good at details | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 120 | asr_120 | asr 120: I drive too fast | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 121 | asr_121 | asr 121: I tend to be late for appointments | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 122 | asr_122 | asr 122: I have trouble keeping a job | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 123 | asr_123 | asr 123: I am a happy person | Numeric | Enumeration | 0 = not true; 1 = somewhat or sometimes true; 2 = very true or often |
| | | ASR item 124 | asr_124 | asr 124: In the past 6 months, about how many times per day did you use tobacco (including smokeless tobacco) or e-cigarettes? | Numeric | | |
| | | ASR item 125 | asr_125 | asr 125: In the past 6 months, about how many days were you drunk? | Numeric | | |
| | | ASR item 126 | asr_126 | asr 126: In the past 6 months, on how many days did you use drugs for nonmedical purposes (including marijuana, cocaine, and other drugs, except alcohol and nicotine)? | Numeric | | |
| | | ASR:
Anxious/depressed subscale raw score | asr_anxious_depressed_raw | asr: Anxious/depressed subscale raw score | Numeric | | |
| | | ASR:
Anxious/depressed subscale t score | asr_anxious_depressed_t | asr: Anxious/depressed subscale t score | Numeric | | |

| | | | | | | |
|-------------------------------------|---|-------------------------------------|---|---------|--|--|
| | ASR: Withdrawn/depressed subscale raw score | asr_withdrawn_depressed_raw | asr: Withdrawn/depressed subscale raw score | Numeric | | |
| | ASR: Withdrawn/depressed subscale t score | asr_withdrawn_depressed_t | asr: Withdrawn/depressed subscale t score | Numeric | | |
| | ASR: Somatic complaints subscale raw score | asr_somatic_complaints_raw | asr: Somatic complaints subscale raw score | Numeric | | |
| | ASR: Somatic complaints subscale t score | asr_somatic_complaints_t | asr: Somatic complaints subscale t score | Numeric | | |
| | ASR: Thought problems subscale raw score | asr_thought_problems_raw | asr: Thought problems subscale raw score | Numeric | | |
| | ASR: Thought problems subscale t score | asr_thought_problems_t | asr: Thought problems subscale t score | Numeric | | |
| | ASR: Attention problems subscale raw score | asr_attention_problems_raw | asr: Attention problems subscale raw score | Numeric | | |
| | ASR: Attention problems subscale t score | asr_attention_problems_t | asr: Attention problems subscale t score | Numeric | | |
| | ASR: Rule-breaking behaviour subscale raw score | asr_rule_breaking_raw | asr: Rule-breaking behaviour subscale raw score | Numeric | | |
| | ASR: Rule-breaking behaviour subscale t score | asr_rule_breaking_t | asr: Rule-breaking behaviour subscale t score | Numeric | | |
| ASR: Aggressive behaviour raw score | asr_aggressive_behaviour_raw | asr: Aggressive behaviour raw score | Numeric | | | |

| | | | | | | | |
|--|--|-----------------------------------|----------------------------|-----------------------------------|---------|--|--|
| | | ASR: Aggressive behaviour t score | asr_aggressive_behaviour_t | asr: Aggressive behaviour t score | Numeric | | |
| | | ASR: Intrusive subscale raw score | asr_intrusive_raw | asr: Intrusive subscale raw score | Numeric | | |
| | | ASR: Intrusive subscale t score | asr_intrusive_t | asr: Intrusive subscale t score | Numeric | | |
| | | ASR: Internalizing raw score | asr_internalizing_raw | asr: Internalizing raw score | Numeric | | |
| | | ASR: Internalizing t score | asr_internalizing_t | asr: Internalizing t score | Numeric | | |
| | | ASR: Externalizing raw score | asr_externalizing_raw | asr: Externalizing raw score | Numeric | | |
| | | ASR: Externalizing t score | asr_externalizing_t | asr: Externalizing t score | Numeric | | |

Appendix 8. K-SADS instructions

FAMILY database – Appendix A: K-SADS

In order to expand the available information with regards to the clinical data, as measured by the K-SADS, we would also like to be able to pool dimensional information on the K-SADS diagnoses. This document provides some additional guidelines for completing the FAMILY database, more specifically the K-SADS data. Collecting this information will ultimately benefit all members of the consortium.

You will be provided with the following documents:

- **Clinical_database_KSADS_items_2**
- **Clinical_database_KSADS_sumscores_2**

Clinical_database_KSADS_items_2

This file contains all the screener- and supplement items according to the K-SADS – present and lifetime version (K-SADS-PL), and follows the DSM-IV diagnoses¹.

We don't want to ask each cohort to fill in each individual symptom, as that would require an extensive effort, and a too in-detail view. However, we would like to ask you to take a look at these items, and check whether all items correspond with the version used in your respective cohort. If not, please let us know which items this concerns.

Clinical_database_KSADS_items_2

This file concerns the database for the sum scores of the K-SADS diagnoses, according to the DSM-IV.

The database focuses on the following key domains:

- Sociodemographic information
- Mental health disorders, specifically K-SADS

The Excel file contains two sheets:

1. **“FAMILY K-SADS Database”** – this sheet is structured for data entry, where each variable appears in a row to be completed by each cohort.
2. **“FAMILY K-SADS sumscores”** – this sheet provides detailed information on the collected variables, including their characteristics and coding for categorical variables.

Please complete this database following the instructions below.

1. GENERAL GUIDELINES

- Ensure all data is entered accurately and consistently.
- Use the provided template to maintain uniformity across cohorts.
- Each row should correspond to a single individual at a specific timepoint. Therefore, there will be multiple rows for an individual across different timepoints.
- If a variable is missing or not applicable, leave it blank unless otherwise specified. Never add, remove or change variable order.
- Use the specified coding system for categorical variables.
- If you have any questions, please contact WP-2 before completing the database (family@erasmusmc.nl).

2. DATA ENTRY FORMAT

- **Numeric values:** Use decimal points (e.g., 12.5, not 12,5).
- **Dates:** Follow the format YYYY-MM (e.g., 2025-02).
- **String variables:** Use lowercase.
- **Missing data:** Leave blank unless instructed to use a specific code.

3. VARIABLE-SPECIFIC INSTRUCTIONS/EXPLANATION OF SUM SCORES

Although all information is provided in the FAMILY Database Description sheet, we provide additional guidance for the following variables:

4. QUALITY CONTROL CHECKS:

- Before submission, verify that all required fields are completed.
- Double-check the correct format for each variable.
- Ensure no duplicate IDs are entered.

5. SUBMISSION INSTRUCTIONS:

- Save the completed file as 'CohortName_Date.xlsx'.
- When ready, upload the file to the DRE.
- If any errors or missing data are later identified, inform WP-2 as soon as possible.

Thank you for your cooperation in ensuring accurate and harmonized data!

Please remember that if you have any questions, you can contact us at: family@erasmusmc.nl.

- 3) Kaufman J, Birmaher B, Brent D, Rao U, Ryan N. Nederlandse Vertaling van Schedule of Affective Disorders and Schizophrenia for School-Age Children - Present and Lifetime Version (K-SADS-PL) (Reichart, Wals, & Hillegers, Trans.). Utrecht: H.C. Rümke Groep; 2000.

Appendix 9. Education System Equivalences

| Current annotation | | Years of education | Individual country scaling | | | | European Scaling | |
|----------------------|---|--------------------|--|---|---|---|-------------------------|------------------------------------|
| Format - Enumeration | Variable values | | Equivalence Spain | Equivalence Netherlands | Equivalence Denmark | Equivalence Switzerland | Equivalence ISCED scale | ISCED description |
| | | 0 | | | | | | |
| 1 | grade 1 primary level | 1 | Educacion primaria- año 1 | Basisonderwijs- Groep 3 | Folkeskole- year 0 | Primary school - year 1 | ISCED1 | ISCED 1: Primary education |
| 2 | grade 2 primary level | 2 | Educacion primaria- año2 | Basisonderwijs- Groep 4 | Folkeskole- year 1 | Primary school - year 2 | ISCED1 | ISCED 1: Primary education |
| 3 | grade 3 primary level | 3 | Educacion primaria- año 3 | Basisonderwijs- Groep 5 | Folkeskole- year 2 | Primary school - year 3 | ISCED1 | ISCED 1: Primary education |
| 4 | grade 4 primary level | 4 | Educacion primaria- año 4 | Basisonderwijs- Groep 6 | Folkeskole- year 3 | Primary school - year 4 | ISCED1 | ISCED 1: Primary education |
| 5 | grade 5 primary level | 5 | Educacion primaria- año 5 | Basisonderwijs- Groep 7 | Folkeskole- year 4 | Primary school - year 5 | ISCED1 | ISCED 1: Primary education |
| 6 | grade 6 primary level | 6 | Educacion primaria- año 6 | Basisonderwijs- Groep 8 | Folkeskole- year 5 | Primary school - year 6 | ISCED1 | ISCED 1: Primary education |
| 7 | grade 1 secondary level | 7 | Educacion secundaria obligatoria - año 1 | 1st grade secondary school, VMBO, HAVO, VWO | Folkeskole- year 6 | obligatory secondary school / pregymnase - year 7 | ISCED2 | ISCED 2: Lower secondary education |
| 8 | grade 2 secondary level | 8 | Educacion secundaria obligatoria - año2 | 2nd grade secondary school, VMBO, HAVO, VWO | Folkeskole- year 7 | obligatory secondary school / pregymnase - year 8 | ISCED2 | ISCED 2: Lower secondary education |
| 9 | grade 3 secondary level | 9 | Educacion secundaria obligatoria - año 3 | 3rd grade secondary school, VMBO, HAVO, VWO | Folkeskole- year 8 | obligatory secondary school / pregymnase - year 9 | ISCED2 | ISCED 2: Lower secondary education |
| 10 | grade 4 secondary level | 10 | Educacion secundaria obligatoria - año 4 | 4th grade secondary school, VMBO, HAVO, VWO | Folkeskole- year 9 | gymnase school - year 1 | ISCED3 | ISCED 3: Upper secondary education |
| 11 | grade 5 secondary level | 11 | Bachillerato - año1 | 5th grade secondary school, HAVO, VWO, year 1 MBO | Gymnasie / hf / erhvervsuddannelse - year 1 | gymnase school - year 2 | ISCED3 | ISCED 3: Upper secondary education |
| 12 | grade 6 secondary level | 12 | Bachillerato - año2 | 6th grade secondary school, VWO, year 2 MBO, year 1 HBO | Gymnasie / hf / erhvervsuddannelse - year 2 | gymnase school - year 3 | ISCED3 | ISCED 3: Upper secondary education |
| 13 | year 1 university / professional training | 13 | University / professional training | University / professional training year 3 MBO, year 2 HBO | University / professional training | University / professional training | ISCED4 - ISCED8 | |
| 14 | year 2 university / professional training | 14 | University / professional training | University / professional training year 4 MBO, year 3 HBO | University / professional training | University / professional training | ISCED4 - ISCED8 | |
| 15 | year 3 university / professional training | 15 | University / professional training | University / professional training year 4 HBO | University / professional training | University / professional training | ISCED4 - ISCED8 | |
| 16 | year 4 university / professional training | 16 | University / professional training | University / professional training | University / professional training | University / professional training | ISCED4 - ISCED8 | |
| 17 | year 5 university / professional training | 17 | University / professional training | University / professional training | University / professional training | University / professional training | ISCED4 - ISCED8 | |
| 18 | year 6 university / professional training | 18 | University / professional training | University / professional training | University / professional training | University / professional training | ISCED4 - ISCED8 | |
| 19 | year 7 university / professional training | 19 | University / professional training | University / professional training | University / professional training | University / professional training | ISCED4 - ISCED8 | |
| 20 | year 8 university / professional training | 20 | University / professional training | University / professional training | University / professional training | University / professional training | ISCED4 - ISCED8 | |
| 21 | year 9 university / professional training | 21 | University / professional training | University / professional training | University / professional training | University / professional training | ISCED4 - ISCED8 | |
| 22 | year 10 university / professional training | 22 | University / professional training | University / professional training | University / professional training | University / professional training | ISCED4 - ISCED8 | |
| 23 | year 11 university / professional training | 23 | University / professional training | University / professional training | University / professional training | University / professional training | ISCED4 - ISCED8 | |
| 24 | year 12 university / professional training | 24 | University / professional training | University / professional training | University / professional training | University / professional training | ISCED4 - ISCED8 | |
| 25 | year 13+ university / professional training | 25 | University / professional training | University / professional training | University / professional training | University / professional training | ISCED4 - ISCED8 | |

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