

Explanation of Variables

Below is a brief explanation of the variables included in the HKUK_SharedData.xlsx file. For further details, please contact the PI: Dr Michelle Ellefson (mre33@cam.ac.uk).

Column	Variable Name	Explanation
A	Family_ID	Family ID number; Unique identifier for each child-parent dyad. Parent and Child of any given dyad are on the same row; In some cases, there are data for children only or parents only.
B	Family_Cohort	Family cohort – UK or HK. The dyad's site of data collection
C	Child_ID	Child ID number; Children are matched with their parents in the same row; In some cases, there are data for children only or parents only.
D	Child_FamilyMatches	In some instances, there are data from both parents; In those cases, there are two rows of data - one matching the child with the father and one row of data matching the child with the mother
E	Child_Cohort	Child's cohort – UK or HK. This will be the same as their parent.
F	Child_Age (years)	Child's age in years. Decimals indicate partial years with 8.25 years being the same as 8 years 3 months.
G	Child_Age_BasedOn	Birthday or School Year Group - Children's ages were based on the difference between their birthday and the first date of data collection or based on a mean age from their year group if their date of birth was missing.
H	Child_Gender	Child's gender - Male or Female.
I	Child_Education	Child's grade/year group; reported as year group for UK children and Grade for HK children.
J	Child_EducationLevel	Child's education level – standardised across both sites and generations; Number of years in formal educational settings.
K	Child_NonSchoolLanguage	Child's home language is different from that at school (English in UK and Cantonese in HK) – Yes or No.
L	Child_Ethnicity	Child's reported ethnicity; To protect the sample, a random code has been inserted here. See the PI for additional information
M	Child_FamilyAffluence	Child's total score on the Family Affluence Scale
N	Child_TestEnviron	Information about the format of the data collection for the child – Supervised Group or Supervised Individual
O	Child_AutonSupport	Autonomy Support ratings of parents given by the child (mean) – higher scores indicate more autonomy support.
P	Child_PsyControl	Psychological Control ratings of parents given by the child (mean) – higher scores indicate more psychological control.

Column	Variable Name	Explanation
Q	Child_P-ChRelationship	Child's report of the strength of the relationship that they have with their parents (mean) - higher scores indicate a stronger relationship.
R	Child_Warmth	Warmth ratings of parents given by the child (mean) – higher scores indicate more warmth.
S	Child_Rejection	Rejection ratings of parents given by the child (mean) – higher scores indicate more rejection.
T	Child_Structure	Structure ratings of parents given by the child (mean) – higher scores indicate more structure.
U	Child_Chaos	Chaos ratings of parents given by the child (mean) – higher scores indicate more chaos.
V	Child_Metacognitive	Metacognitive abilities as reported by the child (mean).
W	Child_Ravens_ACC	Child's total score on the Ravens Progressive Standard Matrices Task.
X	Child_Synonyms_ACC	Child's Total Score on the Synonyms Task (taken from McGraw Hill Vocabulary component of the Ravens Progressive Matrices); Administered in English for both HK and UK children.
Y	Child_Clues_ACC	Child's Total Score on the Clues Game (taken from the Wechsler Intelligence Scale for Children - 4 th Edition); Translated into Cantonese for the HK children.
Z	Child_WRAT_ACC	Child's Total Score on the Numeracy Task (sub-test of the Wide Range Achievement Test); instructions were translated into Cantonese for the HK children; but the same items were administered to the HK and UK children.
AA	Child_Disks_ACC	Child's total number correct on the Disks Task; Disks is a computerised version of the Tower of Hanoi and measures planning abilities. Instructions were administered in Cantonese for the HK children and English for the UK children, with the tasks and stimuli being identical for the two groups. This overall measured is the total number of correct trials divided by the mean RT to correct trials.
AB	Child_Disks_RTc	Child's mean response time (in seconds) for correct responses on the Disks Task;
AC	Child_Disks_EFF	Child's overall efficiency score on the Disks Task (EFF = ACC/RTc).
AD	Child_Figures_ACC	Child's total number correct on the Figure Matching Task; Figure matching is a computerised experimental task to measure cognitive flexibility (also call task switching). Instructions were administered in Cantonese for the HK children and English for the UK children, with the tasks and stimuli being identical for the two groups. This overall measured is the total number of correct trials divided by the mean RT to correct trials.
AE	Child_Figures_RTc	Child's mean response time (in seconds) for correct responses on the Figure Matching Task;
AF	Child_Figures_EFF	Child's overall efficiency score on the Figure

Column	Variable Name	Explanation
		Matching Task ($EFF = ACC/RT_c$).
AG	Child_PatternsFW_ACC	Child's total number correct on the Forwards Patterns Task; Patterns is a computerised modification of the Corsi Blocks task – the forwards version and measures short-term memory. Instructions were administered in Cantonese for the HK children and English for the UK children, with the tasks and stimuli being identical for the two groups. This overall measured is the total number of correct trials divided by the mean RT to correct trials.
AH	Child_PatternsFW_RTc	Child's mean response time (in seconds) for correct responses on the Forwards Patterns Task;
AI	Child_PatternsFW_EFF	Child's overall efficiency score on the Forwards Patterns Task ($EFF = ACC/RT_c$).
AJ	Child_PatternsBW_ACC	Child's total number correct on the Backwards Patterns Task; Patterns is a computerised modification of the Corsi Blocks task – the backwards version and measures working memory. Instructions were administered in Cantonese for the HK children and English for the UK children, with the tasks and stimuli being identical for the two groups. This overall measured is the total number of correct trials divided by the mean RT to correct trials.
AK	Child_PatternsBW_RTc	Child's mean response time (in seconds) for correct responses on the Backwards Patterns Task;
AL	Child_PatternsBW_EFF	Child's overall efficiency score on the Backwards Patterns Task ($EFF = ACC/RT_c$).
AM	Child_Soccer_ACC	Child's total number correct on the Soccer Task; Soccer is a computerised version of the Stop Signal Task and measures response inhibition. Instructions were administered in Cantonese for the HK children and English for the UK children, with the tasks and stimuli being identical for the two groups. This overall measured is the total number of correct trials divided by the mean RT to correct trials
AN	Child_Soccer_RTc	Child's mean response time (in seconds) for correct responses on the Soccer Task;
AO	Child_Soccer_EFF	Child's overall efficiency score on the Soccer Task ($EFF = ACC/RT_c$).
AP	Child_Soccer_StopSignalRT	Child's overall Stop Signal RT for the Soccer task (StopSignal RT = GoRT-NoGoRT)
AQ	Parent_ID	Parent ID number; Parents are matched with their children in the same row; In some cases, there are data for children only or parents only.
AR	Parent_RelationToChild	The relationship between the parent and child (e.g., mother, father, adopted mother, etc.) as reported by parents; To protect the sample, a random code has been inserted here. See the PI for additional information
AS	Parent_FamilyMatches	In some instances, there are data from siblings; In those cases, there are multiple rows of data - one

Column	Variable Name	Explanation
		matching the parent with each child
AT	Parent_Cohort	Parent's cohort – UK or HK. This will be the same as their child.
AU	Parent_Age	Age, in years, as reported by each parent.
AV	Parent_Gender	Parent's gender - Male or Female.
AW	Parent_EducationLevel	Parent's education level – standardised across both sites and generations; Number of years in formal educational settings.
AX	Parent_YaleEducScore	Parent's education level standardised using the Yale Journal of Sociology Scale (2011) coding
AY	Parent_MaritalStatus	Parent's marital status; To protect the sample, a random code has been inserted here. See the PI for additional information
AZ	Parent_Partner_EducationLevel	Parent's partner's education level – standardised across both sites and generations; Number of years in formal educational settings.
BA	Parent_Partner_YaleEducScore	Parent's partner's education level standardised using the Yale Journal of Sociology Scale (2011) coding
BB	Parent_NonSchoolLanguage	Parent's home language is different from that at school (English in UK and Cantonese in HK) – Yes or No.
BC	Parent_Ethnicity	Parent's reported ethnicity; To protect the sample, a random code has been inserted here. See the PI for additional information
BD	Parent_YaleOccupScore	Parent's occupation standardised using the Yale Journal of Sociology Scale (2011) coding
BE	Parent_Partner_YaleOccupScore	Parent's partner's occupation standardised using the Yale Journal of Sociology Scale (2011) coding
BF	Parent_TestEnviron	Information about the format of the data collection for the parent – Supervised Group, Unsupervised Individual or Supervised Individual
BG	Parent_AutonSupport	Autonomy Support ratings given by the parent – higher scores indicate more autonomy support.
BH	Parent_PsyControl	Psychological Control ratings given by the parent – higher scores indicate more psychological control.
BI	Parent_Warmth	Warmth ratings given by the parent – higher scores indicate more warmth.
BJ	Parent_Rejection	Rejection ratings given by the parent – higher scores indicate more rejection.
BK	Parent_Structure	Structure ratings given by the parent – higher scores indicate more structure.
BL	Parent_Chaos	Chaos ratings given by the parent – higher scores indicate more chaos.
BM	Parent_SelfConcept	Parent ratings of how well their child does in terms of self-concept; higher scores indicate a better self-concept.
BN	Parent_SelfControl	Parent ratings of how well their child does in terms of self-control; higher scores indicate a more self-control.
BO	Parent_SelfConceptImportance	Parent ratings of how important it is that their child has a good self-concept; higher scores indicate

Column	Variable Name	Explanation
		more importance.
BP	Parent_SelfControlImportance	Parent ratings important it is that their child has a good self-control; higher scores indicate a more importance.
BQ	Parent_Disks_ACC	Parent's total number correct on the Disks Task; Disks is a computerised version of the Tower of Hanoi and measures planning abilities. Instructions were administered in Cantonese for the HK children and English for the UK children, with the tasks and stimuli being identical for the two groups. This overall measured is the total number of correct trials divided by the mean RT to correct trials.
BR	Parent_Disks_RTc	Parent's mean response time (in seconds) for correct responses on the Disks Task;
BS	Parent_Disks_EFF	Parent's overall efficiency score on the Disks Task ($EFF = ACC/RTc$).
BT	Parent_Figures_ACC	Parent's total number correct on the Figure Matching Task; Figure matching is a computerised experimental task to measure cognitive flexibility (also call task switching). Instructions were administered in Cantonese for the HK children and English for the UK children, with the tasks and stimuli being identical for the two groups. This overall measured is the total number of correct trials divided by the mean RT to correct trials.
BU	Parent_Figures_RTc	Parent's mean response time (in seconds) for correct responses on the Figure Matching Task;
BV	Parent_Figures_EFF	Parent's overall efficiency score on the Figure Matching Task ($EFF = ACC/RTc$).
BW	Parent_PatternsFW_ACC	Parent's total number correct on the Forwards Patterns Task; Patterns is a computerised modification of the Corsi Blocks task – the forwards version and measures short-term memory. Instructions were administered in Cantonese for the HK children and English for the UK children, with the tasks and stimuli being identical for the two groups. This overall measured is the total number of correct trials divided by the mean RT to correct trials.
BX	Parent_PatternsFW_RTc	Parent's mean response time (in seconds) for correct responses on the Forwards Patterns Task;
BY	Parent_PatternsFW_EFF	Parent's overall efficiency score on the Forwards Patterns Task ($EFF = ACC/RTc$).
BZ	Parent_PatternsBW_ACC	Parent's total number correct on the Backwards Patterns Task; Patterns is a computerised modification of the Corsi Blocks task – the backwards version and measures working memory. Instructions were administered in Cantonese for the HK children and English for the UK children, with the tasks and stimuli being identical for the two groups. This overall measured is the total number of correct trials divided by the mean RT to correct trials.

Column	Variable Name	Explanation
CA	Parent_PatternsBW_RTc	Parent's mean response time (in seconds) for correct responses on the Backwards Patterns Task;
CB	Parent_PatternsBW_EFF	Parent's overall efficiency score on the Backwards Patterns Task ($EFF = ACC/RTc$).
CC	Parent_Soccer_ACC	Parent's total number correct on the Soccer Task; Soccer is a computerised version of the Stop Signal Task and measures response inhibition. Instructions were administered in Cantonese for the HK children and English for the UK children, with the tasks and stimuli being identical for the two groups. This overall measured is the total number of correct trials divided by the mean RT to correct trials
CD	Parent_Soccer_RTc	Parent's mean response time (in seconds) for correct responses on the Soccer Task;
	Parent_Soccer_EFF	Parent's overall efficiency score on the Soccer Task ($EFF = ACC/RTc$).
CF	Parent_Soccer_StopSignalRT	Parent's overall Stop Signal RT for the Soccer task ($StopSignal\ RT = GoRT - NoGoRT$)