



DATA FORM

Final version 2 - July18, 2023

Date of data request (DD/MM/YYYY)

Status of the secondary project

- New access request
- Attestation for a grant application
- Addition or amendment to a previously approved request

Identification of the requesting investigator: First name, last name, affiliations and email address

(max.: 330 characters with spaces)

Only persons who hold research privileges in a recognized institution to manage research funding may submit an access request.

Project title (max.: 280 characters with spaces; ~40 words)

Number of participants estimated

Selection criteria of participants

Specify criteria only if the selection must be done by the NuAge team when preparing the data file.

Format of the data file

SAS SPSS CSV Excel

Other, specify:

For each sub-section of variables concerned by the project, indicate the NuAge measurement times needed. If a restricted list of variables is requested in a sub-section, this list can be specified in the "Comments" box following section 10.

1. IDENTIFICATION AND BASELINE INFORMATION

Data in this section are provided automatically according to the requested measurement times :

Participant ID

Recruitment area	T1
Sex at recruitment	T1
Age at recruitment	T1
Age group at recruitment	T1
Weighting	T1, S1, T2, S2, T3, S3, T4, S4
Date at each follow-up	T1, S1, T2, S2, T3, S3, T4, S4
Status at each follow-up	T1, S1, T2, S2, T3, S3, T4, S4
Calculated age	T1, S1, T2, S2, T3, S3, T4, S4

2. SOCIOLOGIC DATA

2.1. Socio-demographic

T1 T2 T3 T4

2.2. Lifestyle (tobacco, alcohol)

T1 T2 T3 T4

2.3. Social network

T1 T2 T3 T4

2.4. Social participation (MAS)

T1

2.5. Social participation (EAIQ)

T2 T3 T4

2.6. Social functioning (SMAF social)

T1 T3 T4

2.7. Perception of neighborhood environment

T3 T4

2.8. Life-Space (LSA-F)

T4

3. NUTRITION

3.1. Body weight history, weight loss diets history

T1

3.2. Knowledge, attitudes and beliefs in nutrition

T1

3.3. Dietary habits, diets, supplements and natural products

T1 T2 T3 T4

3.4. Level of hunger and appetite

T1 T2 T3 T4

3.5. Taste, smell, swallowing and mastication problems (perceptions)

T1 T2 T3 T4

3.6. Elderly Nutrition Screening (ENS)

T1 T2 T3 T4

3.7. Lifetime functional foods (actual, 65, 45, 25, 10 years old) - FFQ 40 items

T1 (raw responses) T1 (number of foods per CFG group)
T1 (total number of functional foods) T1 (number of foods rich in antioxidants)

3.8. Food Frequency Questionnaire (FFQ) of the last 12 months - 78 items

T1 (raw responses) T1 (nutrients intakes) T1 (quality C-HEI)

3.9. 24-hour dietary recalls (24HR)

Number of dietary recalls completed (1-3 recalls)

T1 S1 T2 T3 T4

Foods

Nutrients intakes: available if the participant completed 2-3 recalls

C-HEI: available if the participant completed 1-3 recalls

T1 (raw foods)	T1 (nutrients intakes)	T1 (quality C-HEI)
S1 (raw foods)	S1 (nutrients intakes)	S1 (quality C-HEI)
T2 (raw foods)	T2 (nutrients intakes)	T2 (quality C-HEI)
T3 (raw foods)	T3 (nutrients intakes)	T3 (quality C-HEI)
T4 (raw foods)	T4 (nutrients intakes)	T4 (quality C-HEI)

Supplements

Nutrients intakes: available if the participant completed 2-3 recalls

T1 (raw supplements)	T1 (nutrients intakes)
S1 (raw supplements)	S1 (nutrients intakes)
T2 (raw supplements)	T2 (nutrients intakes)
T3 (raw supplements)	T3 (nutrients intakes)
T4 (raw supplements)	T4 (nutrients intakes)

4. BODY COMPOSITION

4.1. Anthropometry (weight, height, circumferences, skinfolds)

T1 T2 T3 T4

4.2. Follow-up on reported weight gain and loss

T1

4.3. Reported weight gain, loss and fluctuation

S1 T2 S2 T3 S3 T4 S4T5

4.4. DXA

T1 (Sherbrooke only) T3 (Sherbrooke only)

4.5. Impedancemetry

T1 (Sherbrooke only) T3 (Montreal only)
T2 (Sherbrooke only) T4 (Montreal only)

5. PHYSICAL ACTIVITY

5.1. Lifetime Total Physical Activity Questionnaire (LTPAQ)

T2

5.2. Physical Activity Scale for the Elderly (PASE)

T1 T2 T3 T4

5.3. Walking practice

T4

6. PHYSICAL HEALTH STATUS

6.1. Health status history

T1

6.2. Actual health status, disease burden (OARS)

T1 T2 T3 T4

6.3. Clinical file (blood pressure, heart rate, edema)

T1 T2 T3 T4

6.4. Drugs

T1 (number) T1 (detailed list)
T2 (number) T2 (detailed list)
T3 (number) T3 (detailed list)
T4 (number) T4 (detailed list)

6.5. Events (falls, hospitalizations, stay in bed)

T1 S1 T2 S2 T3 S3 T4

6.6. Quality of life (SF-36)

T1 T2 T3 T4

7. MENTAL AND COGNITIVE HEALTH STATUS

7.1. Depression (GDS)

T1 T2 T3 T4

7.2. Cognition MMSE (2MS), 3MS

T1 T2 T3 T4

8. FUNCTIONAL STATUS

8.1. Muscle strength, performance test

T1 T2 T3 T4

8.2. SMAF autonomy, iso-SMAF profile

T1 T2 T3 T4

8.3. Perceived functional status (Nagi)

S1 T2 S2 T3 S3 T4 S4T5

9. MORTALITY

9.1. Reported age at death

All time measurement

10. BIOMARKERS

10.1. Biochemistry (CDC, albumin, glycemia)

T1 T2 T3 T4

11.GENETICS

To complete this section, you must review the Genotyping QC Report NuAge available in the "Make an access request" section of our website.

The following files are automatically transmitted when data from sections 11.1 and 11.2 are requested:

- *Marker-based QC : NuAge_AX001to AX017_markerQC_finalv1.txt*
- *Sample-based QC of the 20 first principal components obtained (20PCs):
SampleReport_NuAge_1276ID_finalv1.txt*

11.1 Genotyping UK Biobank Axiom Array (Affymetrix) - Directly genotyped markers (.bim .bed .fam Format)

All time measurement

I am joining a list of genetics markers in excel or .txt format (PLEASE specify the 'rs' number of dbSNP or a chromosomal position identifying the version of the human genome [for example chr1:12345678, GRCh37])

11.2 Genotyping UK Biobank Axiom Array (Affymetrix) - Imputed markers HRCr1.1 (VCF Format)

All time measurement

I am joining a list of genetics markers in excel or .txt format (PLEASE specify the 'rs' number of dbSNP or a chromosomal position identifying the version of the human genome [for example chr1:12345678, GRCh37])

11.3 APOE2,3,4 genotypes with RT-PCR TaqMan (.txt Format)

All time measurement

NUTCOG SUB-STUDY (n = 425 participants)

7. MENTAL AND COGNITIVE HEALTH STATUS

7.3. NutCog cognitive tests

Other visits information

Variables below are transmitted automatically when NutCog cognitive tests are requested.

Date of the visit	visit 1 (2006-2008), visit 2 (2008-2010)
Calculated age	visit 1 (2006-2008), visit 2 (2008-2010)
Interview location	visit 1 (2006-2008), visit 2 (2008-2010)
Administrator's code	visit 1 (2006-2008), visit 2 (2008-2010)
Intervals with NuAge time-points	visit 1 (2006-2008), visit 2 (2008-2010)
NuAge time-point nearest to visit 1	visit 1 (2006-2008)

Rey Complex-Figure

visit 1 (2006-2008) visit 2 (2008-2010)

RL/RI-16 Free and Cued Recall Task

visit 1 (2006-2008) visit 2 (2008-2010)

Stroop Test

visit 1 (2006-2008) visit 2 (2008-2010)

Choice-Reaction time

visit 1 (2006-2008) visit 2 (2008-2010)

Adaptated Brown-Peterson procedure

visit 1 (2006-2008) visit 2 (2008-2010)

WAIS-III Digit Symbol-Coding subtest

visit 1 (2006-2008) visit 2 (2008-2010)

10. BIOMARKERS

10.2. Long chain fatty acids - SERUM

T1/T2 (2 years before visit 1 NutCog) T3/T4 (near visit 1 NutCog)

10.3. Lipid profile (triglycerides, HDL-C, LDL-C, CHOL-T) - SERUM

T1/T2 (2 years before visit 1 NutCog) T3/T4 (near visit 1 NutCog)

10.4. Cortisol (AM and PM) - SALIVA

T1/T2 (2 years before visit 1 NutCog) T3/T4 (near visit 1 NutCog)

10.5. High-sensitivity CRP - SERUM

T1/T2 (2 years before visit 1 NutCog) T3/T4 (near visit 1 NutCog)

10.6. Homocysteine - PLASMA

T1/T2 (2 years before visit 1 NutCog) T3/T4 (near visit 1 NutCog)

10.7. Insulin - SERUM [+ HOMA index calculation]

T1/T2 (2 years before visit 1 NutCog) T3/T4 (near visit 1 NutCog)

10.8. Carbonylated protein - PLASMA

T1/T2 (2 years before visit 1 NutCog) T3/T4 (near visit 1 NutCog)

10.9. Vitamin K (phylloquinone) - SERUM

T1/T2 (2 years before visit 1 NutCog) T3/T4 (near visit 1 NutCog)

10.10. IGF1, IGFBP3, IGF1/IGFBP3 ratio - SERUM

T3/T4 (near visit 1 NutCog)

10.11. Interleukin-6 Protein (IL6) - SERUM

T3/T4 (near visit 1 NutCog)

10.12. Interleukin-10 Protein (IL10) - SERUM

T3/T4 (near visit 1 NutCog)

10.13. Tumor Necrosis Factor Alpha (TNF-alpha) - SERUM

T3/T4 (near visit 1 NutCog)

TELEPHONE PRE-SCREENING FOR CIMA-Q RECRUITMENT (n = 577 participants)

Other follow-up information

Variables below are transmitted automatically when data from this section are requested.

Telephone follow-up date Follow-up 2014-2017

Age at follow-up (calculated) Follow-up 2014-2017

3. NUTRITION

3.6. Elderly Nutrition Screening (ENS)

Follow-up 2014-2017

4. BODY COMPOSITION

4.1. Anthropometry (reported weight)

Follow-up 2014-2017

7. MENTAL AND COGNITIVE HEALTH

7.4. Telephone cognitive tests CIMA-Q pre-screening

Subjective cognitive decline (Jessen et al. 2014)

Follow-up 2014-2017

Cognition t-MMSE

Follow-up 2014-2017

Cognition F-TICS-m (n = 367 participants)

Follow-up 2014-2017

8. FUNCTIONAL STATUS

8.3. Perceived functional status (Nagi)

Follow-up 2014-2017

8.4. Activities of Daily Living (ADL)

Follow-up 2014-2017

COMMENTS OR CLARIFICATIONS FROM THE REQUESTING INVESTIGATOR

SECTION TO BE COMPLETED BY NUAGE DATABASE AND BIOBANK

Project number :

STEP 1 : REVISION OF THE FORM

Form revised by :

Comments during the revision :

Date of approval of the request by the Steering Committee (DD/MM/YYYY) :

Date of ethical approval of the project (DD/MM/YYYY) :

STEP 2 : PREPARATION AND TRANSFER OF THE DATA FILE

Data file prepared by :

Comments during the preparation of the data file :

Date of data file transfer (DD/MM/YYYY) :

Email address(es) used for the data file transfer (authorized persons) :

STEP 3 : DESTRUCTION OF THE DATA FILE

Maximum date scheduled for data file destruction (DD/MM/YYYY) :

Refer to the Nuage Database and Biobank Guidelines for more details.

Data file destruction follow-up done by :

Date of confirmation of the data file destruction (DD/MM/YYYY) :