CodeBook

Kardiovize Brno 2030 – cohort 25–64 years

Baseline 2013–2016

The Kardiovize is an ongoing multidisciplinary epidemiological project with a random sample of 25–64 years-old residents of the city of Brno, stratified by sex and gender, designed as a prospective study. The goal includes assessing the prevalence, determinants, outcomes and trends of cardiovascular diseases in urban population of the Czech Republic.

The recruitment and core baseline examinations were completed in 2014. A few additional measurements were completed in 2015–2016.

This document describes the content, structure and layout of a data collection. It contains information intended to be complete and self-explanatory for each variable in a data file. It comprises all your requested data, ordered and categorized.

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Revision history

Version	Date	Revision	Signature
1.1.	26.01.2021	Pharmacogenetic Analysis chapter added	AP
1.2.	28.01.2021	Add information about number of participants	AP
1.3.	08.02.2021	Add marital and mortality status	AP
1.4.	08.03.2021	Add information about samples (units, average volume per sample)	AP
1.5.	31.03.2021	Add additional variables to Cogstate chapter	AP
1.6.	30.04.2021	Add additional variables to Cogstate chapter	AP
1.7.	18.05.2021	Add chapter with HBM4U results	AP
1.8.	10.01.2023	Add chapter with Geocodes and air pollution exposure	VK
1.9.	09.03.2023	Add variables to Geocodes and air pollution exposure	VK
		Add information on the assessment of the Berlin Questionnaire	
1.10.	27.3.2023	Correction of the section "Genetic Analysis" (originally Pharmacogenetic Analysis)	VK
1.11.	20.10.2023	Add chapter with Examination	VK
1.12.	04.11.2024	Correction of the number of available samples	VK
1.13.	13.11.2024	Add chapter SCORE2	VK
1.14.	18.12.2024	Add Calculated variables	VK

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A. Basic

The baseline survey sampling was done in 2013-2014. The face-to-face interviews and examinations took place in a hospital setting by the trained research staff. The survey was completed by a total of 2159 participants aged 25–64 years with a mean age of 47.4 years, of which 54.8 % were women. The original inform consent of Baseline cohort were need to be extended according to GDPR. The Baseline cohort was reduced to **1625** participants with respect to the updated inform consent.

The baseline health assessment included a comprehensive health interview, anthropological, device-assisted examination and laboratory tests including the collection and storage of bio samples.

1. Questionnaires

1. Family history

2154 complete case reports are available. The methodology was based on MONICA study

Reference: http://www.thl.fi/publications/monica/

Variable name	Question	Values	Type of data
vek	Age	text	Basic
datum_vysetreni	Date of examination	text	Basic
cas_vysetreni	Time of examination	text	Basic
twins	Are you from twins or other multiple pregnancy?	1, No 2, Yes	Basic
sex	Gender	1, Male 2, Female	Basic
marital_status	Marital Status	1, Single 2, Married 3, Partnership 4, Divorced 5, Widowed	Basic
death	Mortality status (until 26th of November 2020)	1, Death 2, Alive	Basic
datum_umrti	Date of death	text (date)	Basic
pricina_umrti	Cause of death	text	Basic
lpz	Certificate of inspection of the deceased	text	Basic

anm_rodina	**Please choose your family members:**	0, Unchecked	Basic
anm_rodina___1	Father	1, Checked	Basic
anm_rodina___2	Mother		Basic
anm_rodina___3	Brother		Basic
anm_rodina___4	Sister		Basic
anm_rodina___5	Sons		Basic
anm_rodina___6	Daughter		Basic
anm_bratr_pocet	Number of brothers	text (integer, Min: 0, Max: 5)	Basic
anm_sestr_pocet	Number of sisters	text (integer, Min: 0, Max: 5)	Basic
anm_syn_pocet	Number of sons	text (integer, Min: 0, Max: 5)	Basic
anm_dcer_pocet	Number of daughters	text (integer, Min: 0, Max: 5)	Basic
	Father		
anm_o_stav	Is your father dead or alive?	1, Alive 2, Dead	Basic
anm_o_stav_spec	His current age or age at death	text (integer)	Basic
anm_o_ht	Arterial hypertension	1, No 2, Yes 3, Do not know	Basic
anm_o_dm	Diabetes mellitus	1, No 2, Yes 3, Do not know	Basic
anm_o_im	Myocardial infarction	0, No 1, Fatal 2, Non-fatal	Basic
anm_o_im_spec	First myocardium infarct at age	text (integer)	Basic
anm_o_cmp	Cerebrovascular event (CVE)	0, No 1, Fatal 2, Non-fatal	Basic
anm_o_cmp_spec	First CVE at age	text (integer)	Basic
anm_o_ostatni_kvo	Other cardiovascular diseases	1, No 2, Yes	Basic
	Mother		
anm_m_stav	Is your mother dead or alive?	1, Alive 2, Dead	Basic

anm_m_stav_spec	Her current age or age at death	text (integer)	Basic
anm_m_ht	Arterial hypertension	1, No 2, Yes 3, Do not know	Basic
anm_m_dm	Diabetes mellitus	1, No 2, Yes 3, Do not know	Basic
anm_m_im	Myocardial infarction	0, No 1, Fatal 2, Non-fatal	Basic
anm_m_im_spec	First myocardium infarct at age	text (integer)	Basic
anm_m_cmp	Cerebrovascular event (CVE)	0, No 1, Fatal 2, Non-fatal	Basic
anm_m_cmp_spec	First CVE at age	text (integer)	Basic
anm_m_ostatni_kvo	Other cardiovascular diseases	1, No 2, Yes	Basic
Brother 1			
anm_b1_stav	Is your first brother dead or alive?	1, Alive 2, Dead	Basic
anm_b1_stav_spec	His current age or age at death	text (integer)	Basic
anm_b1_ht	Arterial hypertension	1, No 2, Yes 3, Do not know	Basic
anm_b1_dm	Diabetes mellitus	1, No 2, Yes 3, Do not know	Basic
anm_b1_im	Myocardial infarction	0, No 1, Fatal 2, Non-fatal	Basic
anm_b1_im_spec	First myocardium infarct at age	text (integer)	Basic
anm_b1_cmp	Cerebrovascular event (CVE)	0, No 1, Fatal 2, Non-fatal	Basic
anm_b1_cmp_spec	First CVE at age	text (integer)	Basic
anm_b1_ostatni_kvo	Other cardiovascular diseases	1, No 2, Yes	Basic

	Brother 2		
anm_b2_stav	Is your second brother dead or alive?	1, Alive 2, Dead	Basic
anm_b2_stav_spec	His current age or age at death	text (integer)	Basic
anm_b2_ht	Arterial hypertension	1, No 2, Yes 3, Do not know	Basic
anm_b2_dm	Diabetes mellitus	1, No 2, Yes 3, Do not know	Basic
anm_b2_im	Myocardial infarction	0, No 1, Fatal 2, Non-fatal	Basic
anm_b2_im_spec	First myocardium infarct at age	text (integer)	Basic
anm_b2_cmp	Cerebrovascular event (CVE)	0, No 1, Fatal 2, Non-fatal	Basic
anm_b2_cmp_spec	First CVE at age	text (integer)	Basic
anm_b2_ostatni_kvo	Other cardiovascular diseases	1, No 2, Yes	Basic
	Brother 3		
anm_b3_stav	Is your third brother dead or alive?	1, Alive 2, Dead	Basic
anm_b3_stav_spec	His current age or age at death	text (integer)	Basic
anm_b3_ht	Arterial hypertension	1, No 2, Yes 3, Do not know	Basic
anm_b3_dm	Diabetes mellitus	1, No 2, Yes 3, Do not know	Basic
anm_b3_im	Myocardial infarction	0, No 1, Fatal 2, Non-fatal	Basic
anm_b3_im_spec	First myocardium infarct at age	text (integer)	Basic
anm_b3_cmp	Cerebrovascular event (CVE)	0, No 1, Fatal 2, Non-fatal	Basic

anm_b3_cmp_spec	First CVE at age	text (integer)	Basic
anm_b3_ostatni_kvo	Other cardiovascular diseases	1, No 2, Yes	Basic
	Brother 4		
anm_b4_stav	Is your fourth brother dead or alive?	1, Alive 2, Dead	Basic
anm_b4_stav_spec	His current age or age at death	text (integer)	Basic
anm_b4_ht	Arterial hypertension	1, No 2, Yes 3, Do not know	Basic
anm_b4_dm	Diabetes mellitus	1, No 2, Yes 3, Do not know	Basic
anm_b4_im	Myocardial infarction	0, No 1, Fatal 2, Non-fatal	Basic
anm_b4_im_spec	First myocardium infarct at age	text (integer)	Basic
anm_b4_cmp	Cerebrovascular event (CVE)	0, No 1, Fatal 2, Non-fatal	Basic
anm_b4_cmp_spec	First CVE at age	text (integer)	Basic
anm_b4_ostatni_kvo	Other cardiovascular diseases	1, No 2, Yes	Basic
	Brother 5		
anm_b5_stav	Is your fifth brother dead or alive?	1, Alive 2, Dead	Basic
anm_b5_stav_spec	His current age or age at death	text (integer)	Basic
anm_b5_ht	Arterial hypertension	1, No 2, Yes 3, Do not know	Basic
anm_b5_dm	Diabetes mellitus	1, No 2, Yes 3, Do not know	Basic
anm_b5_im	Myocardial infarction	0, No 1, Fatal 2, Non-fatal	Basic

anm_b5_im_spec	First myocardium infarct at age	text (integer)	Basic
anm_b5_cmp	Cerebrovascular event (CVE)	0, No 1, Fatal 2, Non-fatal	Basic
anm_b5_cmp_spec	First CVE at age	text (integer)	Basic
anm_b5_ostatni_kvo	Other cardiovascular diseases	1, No 2, Yes	Basic
Sister 1			
anm_s1_stav	Is your first sister dead or alive?	1, Alive 2, Dead	Basic
anm_s1_stav_spec	Her current age or age at death	text (integer)	Basic
anm_s1_ht	Arterial hypertension	1, No 2, Yes 3, Do not know	Basic
anm_s1_dm	Diabetes mellitus	1, No 2, Yes 3, Do not know	Basic
anm_s1_im	Myocardial infarction	0, No 1, Fatal 2, Non-fatal	Basic
anm_s1_im_spec	First myocardium infarct at age	text (integer)	Basic
anm_s1_cmp	Cerebrovascular event (CVE)	0, No 1, Fatal 2, Non-fatal	Basic
anm_s1_cmp_spec	First CVE at age	text (integer)	Basic
anm_s1_ostatni_kvo	Other cardiovascular diseases	1, No 2, Yes	Basic
Sister 2			
anm_s2_stav	Is your second sister dead or alive?	1, Alive 2, Dead	Basic
anm_s2_stav_spec	Her current age or age at death	text (integer)	Basic
anm_s2_ht	Arterial hypertension	1, No 2, Yes 3, Do not know	Basic
anm_s2_dm	Diabetes mellitus	1, No 2, Yes	Basic

		3, Do not know	
anm_s2_im	Myocardial infarction	0, No 1, Fatal 2, Non-fatal	Basic
anm_s2_im_spec	First myocardium infarct at age	text (integer)	Basic
anm_s2_cmp	Cerebrovascular event (CVE)	0, No 1, Fatal 2, Non-fatal	Basic
anm_s2_cmp_spec	First CVE at age	text (integer)	Basic
anm_s2_ostatni_kvo	Other cardiovascular diseases	1, No 2, Yes	Basic
	Sister 3		
anm_s3_stav	Is your third sister dead or alive?	1, Alive 2, Dead	Basic
anm_s3_stav_spec	Her current age or age at death	text (integer)	Basic
anm_s3_ht	Arterial hypertension	1, No 2, Yes 3, Do not know	Basic
anm_s3_dm	Diabetes mellitus	1, No 2, Yes 3, Do not know	Basic
anm_s3_im	Myocardial infarction	0, No 1, Fatal 2, Non-fatal	Basic
anm_s3_im_spec	First myocardium infarct at age	text (integer)	Basic
anm_s3_cmp	Cerebrovascular event (CVE)	0, No 1, Fatal 2, Non-fatal	Basic
anm_s3_cmp_spec	First CVE at age	text (integer)	Basic
anm_s3_ostatni_kvo	Other cardiovascular diseases	1, No 2, Yes	Basic
	Sister 4		
anm_s4_stav	Is your fourth sister dead or alive?	1, Alive 2, Dead	Basic
anm_s4_stav_spec	Her current age or age at death	text (integer)	Basic
anm_s4_ht	Arterial hypertension	1, No	Basic

		2, Yes	
		3, Do not know	
anm_s4_dm	Diabetes mellitus	1, No	Basic
		2, Yes	
		3, Do not know	
anm_s4_im	Myocardial infarction	0, No	Basic
		1, Fatal	
		2, Non-fatal	
anm_s4_im_spec	First myocardium infarct at age	text (integer)	Basic
anm_s4_cmp	Cerebrovascular event (CVE)	0, No	Basic
		1, Fatal	
		2, Non-fatal	
anm_s4_cmp_spec	First CVE at age	text (integer)	Basic
anm_s4_ostatni_kvo	Other cardiovascular diseases	1, No	Basic
		2, Yes	
	Sister 5		
anm_s5_stav	Is your fifth sister dead or alive?	1, Alive	Basic
		2, Dead	
anm_s5_stav_spec	Her current age or age at death	text (integer)	Basic
anm_s5_ht	Arterial hypertension	1, No	Basic
		2, Yes	
		3, Do not know	
anm_s5_dm	Diabetes mellitus	1, No	Basic
		2, Yes	
		3, Do not know	
anm_s5_im	Myocardial infarction	0, No	Basic
		1, Fatal	
		2, Non-fatal	
anm_s5_im_spec	First myocardium infarct at age	text (integer)	Basic
anm_s5_cmp	Cerebrovascular event (CVE)	0, No	Basic
		1, Fatal	
		2, Non-fatal	
anm_s5_cmp_spec	First CVE at age	text (integer)	Basic
anm_s5_ostatni_kvo	Other cardiovascular diseases	1, No	Basic
		2, Yes	
	Son 1		

anm_sy1_stav	Is your first son dead or alive?	1, Alive 2, Dead	Basic
anm_sy1_stav_spec	His current age or age at death	text (integer)	Basic
anm_sy1_ht	Arterial hypertension	1, No 2, Yes 3, Do not know	Basic
anm_sy1_dm	Diabetes mellitus	1, No 2, Yes 3, Do not know	Basic
anm_sy1_im	Myocardial infarction	0, No 1, Fatal 2, Non-fatal	Basic
anm_sy1_im_spec	First myocardium infarct at age	text (integer)	Basic
anm_sy1_cmp	Cerebrovascular event (CVE)	0, No 1, Fatal 2, Non-fatal	Basic
anm_sy1_cmp_spec	First CVE at age	text (integer)	Basic
anm_sy1_ostatni_kvo	Other cardiovascular diseases	1, No 2, Yes	Basic
Son 2			
anm_sy2_stav	Is your second son dead or alive?	1, Alive 2, Dead	Basic
anm_sy2_stav_spec	His current age or age at death	text (integer)	Basic
anm_sy2_ht	Arterial hypertension	1, No 2, Yes 3, Do not know	Basic
anm_sy2_dm	Diabetes mellitus	1, No 2, Yes 3, Do not know	Basic
anm_sy2_im	Myocardial infarction	0, No 1, Fatal 2, Non-fatal	Basic
anm_sy2_im_spec	First myocardium infarct at age	text (integer)	Basic
anm_sy2_cmp	Cerebrovascular event (CVE)	0, No 1, Fatal 2, Non-fatal	Basic
anm_sy2_cmp_spec	First CVE at age	text (integer)	Basic

anm_sy2_ostatni_kvo	Other cardiovascular diseases	1, No 2, Yes	Basic
Son 3			
anm_sy3_stav	Is your third son dead or alive?	1, Alive 2, Dead	Basic
anm_sy3_stav_spec	His current age or age at death	text (integer)	Basic
anm_sy3_ht	Arterial hypertension	1, No 2, Yes 3, Do not know	Basic
anm_sy3_dm	Diabetes mellitus	1, No 2, Yes 3, Do not know	Basic
anm_sy3_im	Myocardial infarction	0, No 1, Fatal 2, Non-fatal	Basic
anm_sy3_im_spec	First myocardium infarct at age	text (integer)	Basic
anm_sy3_cmp	Cerebrovascular event (CVE)	0, No 1, Fatal 2, Non-fatal	Basic
anm_sy3_cmp_spec	First CVE at age	text (integer)	Basic
anm_sy3_ostatni_kvo	Other cardiovascular diseases	1, No 2, Yes	Basic
Son 4			
anm_sy4_stav	Is your fourth son dead or alive?	1, Alive 2, Dead	Basic
anm_sy4_stav_spec	His current age or age at death	text (integer)	Basic
anm_sy4_ht	Arterial hypertension	1, No 2, Yes 3, Do not know	Basic
anm_sy4_dm	Diabetes mellitus	1, No 2, Yes 3, Do not know	Basic
anm_sy4_im	Myocardial infarction	0, No 1, Fatal 2, Non-fatal	Basic
anm_sy4_im_spec	First myocardium infarct at age	text (integer)	Basic
anm_sy4_cmp	Cerebrovascular event (CVE)	0, No	Basic

		1, Fatal 2, Non-fatal	
anm_sy4_cmp_spec	First CVE at age	text (integer)	Basic
anm_sy4_ostatni_kvo	Other cardiovascular diseases	1, No 2, Yes	Basic
	Son 5		
anm_sy5_stav	Is your fifth son dead or alive?	1, Alive 2, Dead	Basic
anm_sy5_stav_spec	His current age or age at death	text (integer)	Basic
anm_sy5_ht	Arterial hypertension	1, No 2, Yes 3, Do not know	Basic
anm_sy5_dm	Diabetes mellitus	1, No 2, Yes 3, Do not know	Basic
anm_sy5_im	Myocardial infarction	0, No 1, Fatal 2, Non-fatal	Basic
anm_sy5_im_spec	First myocardium infarct at age	text (integer)	Basic
anm_sy5_cmp	Cerebrovascular event (CVE)	0, No 1, Fatal 2, Non-fatal	Basic
anm_sy5_cmp_spec	First CVE at age	text (integer)	Basic
anm_sy5_ostatni_kvo	Other cardiovascular diseases	1, No 2, Yes	Basic
	Daughter 1		
anm_d1_stav	Is your first daughter dead or alive?	1, Alive 2, Dead	Basic
anm_d1_stav_spec	Her current age or age at death	text (integer)	Basic
anm_d1_ht	Arterial hypertension	1, No 2, Yes 3, Do not know	Basic
anm_d1_dm	Diabetes mellitus	1, No 2, Yes 3, Do not know	Basic
anm_d1_im	Myocardial infarction	0, No 1, Fatal	Basic

		2, Non-fatal	
anm_d1_im_spec	First myocardium infarct at age	text (integer)	Basic
anm_d1_cmp	Cerebrovascular event (CVE)	0, No 1, Fatal 2, Non-fatal	Basic
anm_d1_cmp_spec	First CVE at age	text (integer)	Basic
anm_d1_ostatni_kvo	Other cardiovascular diseases	1, No 2, Yes	Basic
	Daughter 2		
anm_d2_stav	Is your second daughter dead or alive?	1, Alive 2, Dead	Basic
anm_d2_stav_spec	Her current age or age at death	text (integer)	Basic
anm_d2_ht	Arterial hypertension	1, No 2, Yes 3, Do not know	Basic
anm_d2_dm	Diabetes mellitus	1, No 2, Yes 3, Do not know	Basic
anm_d2_im	Myocardial infarction	0, No 1, Fatal 2, Non-fatal	Basic
anm_d2_im_spec	First myocardium infarct at age	text (integer)	Basic
anm_d2_cmp	Cerebrovascular event (CVE)	0, No 1, Fatal 2, Non-fatal	Basic
anm_d2_cmp_spec	First CVE at age	text (integer)	Basic
anm_d2_ostatni_kvo	Other cardiovascular diseases	1, No 2, Yes	Basic
	Daughter 3		
anm_d3_stav	Is your third daughter dead or alive?	1, Alive 2, Dead	Basic
anm_d3_stav_spec	Her current age or age at death	text (integer)	Basic
anm_d3_ht	Arterial hypertension	1, No 2, Yes 3, Do not know	Basic
anm_d3_dm	Diabetes mellitus	1, No	Basic

		2, Yes 3, Do not know	
anm_d3_im	Myocardial infarction	0, No 1, Fatal 2, Non-fatal	Basic
anm_d3_im_spec	First myocardium infarct at age	text (integer)	Basic
anm_d3_cmp	Cerebrovascular event (CVE)	0, No 1, Fatal 2, Non-fatal	Basic
anm_d3_cmp_spec	First CVE at age	text (integer)	Basic
anm_d3_ostatni_kvo	Other cardiovascular diseases	1, No 2, Yes	Basic
	Daughter 4		
anm_d4_stav	Is your fourth daughter dead or alive?	1, Alive 2, Dead	Basic
anm_d4_stav_spec	Her current age or age at death	text (integer)	Basic
anm_d4_ht	Arterial hypertension	1, No 2, Yes 3, Do not know	Basic
anm_d4_dm	Diabetes mellitus	1, No 2, Yes 3, Do not know	Basic
anm_d4_im	Myocardial infarction	0, No 1, Fatal 2, Non-fatal	Basic
anm_d4_im_spec	First myocardium infarct at age	text (integer)	Basic
anm_d4_cmp	Cerebrovascular event (CVE)	0, No 1, Fatal 2, Non-fatal	Basic
anm_d4_cmp_spec	First CVE at age	text (integer)	Basic
anm_d4_ostatni_kvo	Other cardiovascular diseases	1, No 2, Yes	Basic
	Daughter 5		
anm_d5_stav	Is your fifth daughter dead or alive?	1, Alive 2, Dead	Basic
anm_d5_stav_spec	Her current age or age at death	text (integer)	Basic

anm_d5_ht	Arterial hypertension	1, No 2, Yes 3, Do not know	Basic
anm_d5_dm	Diabetes mellitus	1, No 2, Yes 3, Do not know	Basic
anm_d5_im	Myocardial infarction	0, No 1, Fatal 2, Non-fatal	Basic
anm_d5_im_spec	First myocardium infarct at age	text (integer)	Basic
anm_d5_cmp	Cerebrovascular event (CVE)	0, No 1, Fatal 2, Non-fatal	Basic
anm_d5_cmp_spec	First CVE at age	text (integer)	Basic
anm_d5_ostatni_kvo	Other cardiovascular diseases	1, No 2, Yes	Basic
anm_psych_depres	Have any depression states occurred to a member of your family?	1, No 2, Yes	Basic
anm_psych_sebevrazd	Did any member of your family attempted to commit a suicide?	1, No 2, Yes	Basic

2. Personal history

2155 complete case reports are available. The methodology was based on MONICA study

Reference: http://www.thl.fi/publications/monica/

Variable name	Question	Values	Type of data
ichs___1	Definite angina pectoris	0, Unchecked 1, Checked	Basic
ichs___2	Possible angina pectoris		
ichs___3	Definite myocardial infarction		
ichs___4	Possible myocardial infarction		
ichs___5	Percutaneous coronary intervention		
ichs___6	Coronary-aortic by-pass graft (CABG)		
ichs___7	None		
ichs___8	Not established		
ichs_vek	Age at first manifestation of the ischemia heart disease	text (integer)	Basic
kvo_jina___1	Definite claudication's	0, Unchecked 1, Checked	Basic
kvo_jina___2	Possible claudication's		
kvo_jina___3	Transient ischaemic attack, incl. amaurosis fugax		
kvo_jina___4	Revascularization (except myocardial)		
kvo_jina___5	None		
kvo_jina___6	Not established		
kvo_jina_spec	Please, specify claudication	1, After more than 200 m 2, Between 50 and 200 m 3, Less than 50 m	Basic
kvo_vek	Age at first manifestation of any cardiovascular diseases	text (integer)	Basic
kvo_hospitalizace	Have you been hospitalized because of any cardiovascular disease?	1, No 2, Yes	Basic
kvo_hospitalizace_kdy	When?	text (date_dmy)	Basic
kvo_hospitalizace_kde	Where?	text	Basic
ostatni_onemoc___0	None	0, Unchecked 1, Checked	Basic
ostatni_onemoc___1	Chronic renal insufficiency		

ostatni_onemoc___2	Hypothyroidism		
ostatni_onemoc___3	Hyperthyroidism		
ostatni_onemoc___4	Type 1 diabetes mellitus		
ostatni_onemoc___5	Type 2 diabetes mellitus		
ostatni_onemoc___6	Any alteration of glucose metabolism (Have you ever been diagnosed with impaired glucose tolerance or impaired fasting glucose, or have you had glycaemia higher than 7 mmol/l?)		
ostatni_onemoc___7	Liver and gallbladder disease		
ostatni_onemoc___8	Hyperuricaemia		
ostatni_onemoc___9	Asthma bronchial		
ostatni_onemoc___10	Chronic obstructive pulmonary disease/chronic bronchitis		
ostatni_onemoc___11	Other		
ostatni_spec	If other, please specify	text (notes)	Basic
horecka	Did you have a febrile condition during last two weeks?	1, No 2, Yes	Basic
oa_vysoky_tk	Have you ever been told by a doctor or another healthcare worker that you have high blood pressure?	1, No 2, Yes 3, Do not know	Basic
oa_vysoky_tk_antihypert	Have you used antihypertensive drugs during the last two weeks?	1, No 2, Yes 3, I do take some drug(s) but I do not know whether they are antihypertensive agents. or I do not remember when I used an antihypertensive agent last time. 4, I have never been told I have a high blood pressure 5, Do not know	Basic
oa_dm	Have you ever been told by a doctor or another healthcare worker that you have diabetes or impaired fasting glucose?	1, No 2, Yes 3, Do not know	Basic
oa_hladina_cholest	Have you ever been told by a doctor or another healthcare worker that you have high blood cholesterol or other abnormal blood lipids?	1, No 2, Yes 3, Do not know	Basic

oa_dieta	Do you follow a low-lipid diet recommended by your physician to lower your cholesterol levels?	1, No 2, Yes 3, I do adhere to the diet, but not at my physician's recommendation.	Basic
oa_dieta_spec	Please, specify	text (notes)	Basic
oa_leky_na_cholest	Have you taken drugs lowering cholesterol levels over the past two weeks?	1, No 2, Yes 3, I do take some drug(s) but I do not know whether they are cholesterol lowering agents. *or* I do not remember when I used a cholesterol lowering agent. 4, I have never been told I have a high cholesterol level. 5, I do not know	Basic
oa_tk_zmeren	What was the last time you have been checked for your blood pressure?	1, During last twelve months 2, During last two years 3, During last five years 4, Never	Basic
oa_cukr_zmeren	What was the last time you have been checked for your blood sugar?	1, During last twelve months 2, During last two years 3, During last five years 4, Never	Basic
oa_cholest_zmeren	What was the last time you have been checked for your cholesterol blood level?	1, During last twelve months 2, During last two years 3, During last five years 4, Never	Basic
oa_hodnoty_tk	When checked, the blood pressure measurements, are they usually under 140/90 Torr?	1, No 2, Yes 3, Do not know	Basic
gastro_1	Have you suffered from pain or pressure in the abdomen in the last 6 months?	1, No 2, Yes	Basic
gastro_2	Have you suffered from morning sickness in the last 6 months?	1, No 2, Yes	Basic
gastro_3	Have you suffered from irregular and/or thin stools in the last 6 months?	1, No 2, Yes	Basic
gastro_4	Have you suffered from itchy skin in the last 6 months?	1, No	Basic

		2, Yes	
gastro_5	Can your (indigestion) be evoked?	1, No 2, Yes	Basic
gastro_6	**What can evoke these problems?**	0, Unchecked 1, Checked	Basic
gastro_6___1	Drinking alcohol		
gastro_6___2	Drinking coffee		
gastro_6___3	Fried, roasted or spicy food		
gastro_6___4	Drinking carbonated liquids		
gastro_6___5	Stress		

3. Stress and depression

This section includes PSS and PHQ-9 questionnaires.

PSS = The Cohen Perceived Stress Questionnaire measures the degree to which situations in one's life are appraised as stressful. Items were designed to determine how unpredictable, uncontrollable and overloaded respondents found their lives. This scale assesses the amount of stress in one's life rather than the response to a specific stressor. The version used was made up of 10 items. 2104 complete case reports are available.

Reference: Cohen S, Kamarck T, Mermelstein R, A global measure of perceived stress J. of Health and Social Behavior 24: 285-396

Cohen, S. and Williamson, G. Perceived Stress in a Probability Sample of the United States. Spacapan, S. and Oskamp, S. (Eds.) The Social Psychology of Health. Newbury Park, CA: Sage, 1988.

The PHQ-9 is the 9-item depression module from the full PHQ. 2134 complete case reports are available.

Reference: Kroenke K, Spitzer RL, Williams JBW: The PHQ-9. Validity of a Brief Depression Severity Measure. J Gen Intern Med. 2001 Sep; 16(9): 606–613. doi: 10.1046/j.1525-1497.2001.016009606.x

Variable name	Question	Values	Type of data
	Stress assessment (PSS)		
	The following questions all concern the period of last 7 days		
stres_rozcil	How often have you been upset because of something that happened unexpectedly?	1, Never 2, Almost never 3, Sometimes 4, Fairly often 5, Very often	Basic
stres_nema_pod_kontrolou	How often have you felt that you were unable to control the important things in your life?	1, Never 2, Almost never 3, Sometimes 4, Fairly often 5, Very often	Basic
stres_vystresovany	How often have you felt nervous and stressed out?	1, Never 2, Almost never 3, Sometimes 4, Fairly often 5, Very often	Basic

stres_sebeduvera	How often have you felt confident about your ability to handle your personal problems	1, Never 2, Almost never 3, Sometimes 4, Fairly often 5, Very often	Basic
stres_beh_veci	How often have you felt that things were going your way?	1, Never 2, Almost never 3, Sometimes 4, Fairly often 5, Very often	Basic
stres_nezvlada_zalezitosti	How often have you found that you could not cope with all the things you had to do?	1, Never 2, Almost never 3, Sometimes 4, Fairly often 5, Very often	Basic
stres_stavy_podrazdeni	How often have you been able to control irritations in your life?	1, Never 2, Almost never 3, Sometimes 4, Fairly often 5. Very often	Basic
stres_ma_pod_kontrolou	How often have you felt that you were on top of things?	1, Never 2, Almost never 3, Sometimes 4, Fairly often 5. Very often	Basic
stres_skutecnosti	How often have you felt that you were angered because of things that were outside your control?	1, Never 2, Almost never 3, Sometimes 4, Fairly often 5. Very often	Basic
stres_prekonat	How often have you felt difficulties were piling up so high that you could not overcome them?	1, Never 2, Almost never 3, Sometimes 4, Fairly often 5. Very often	Basic
pss_score	Perceived Stress Scale Score	calculation	Advanced

Depression: PHQ-9

	Over the last 2 weeks, how often have you been bothered by any of the following problems?		
stres_nezajem_prace	Little interest or pleasure in doing things.	1, Not at all 2, Several days 3, More than half the days 4, Nearly every day	Basic
stres_bez_nalady	Feeling down, depressed, or hopeless.	1, Not at all 2, Several days 3, More than half the days 4, Nearly every day	Basic
stres_usnuti	Trouble falling or staying asleep, or sleeping too much.	1, Not at all 2, Several days 3, More than half the days 4, Nearly every day	Basic
stres_pocit_unavy	Feeling tired or having little energy.	1, Not at all 2, Several days 3, More than half the days 4, Nearly every day	Basic
stres_chut_k_jidlu	Poor appetite or overeating.	1, Not at all 2, Several days 3, More than half the days 4, Nearly every day	Basic
stres_menecennost	Feeling bad about yourself—or that you are a failure or have let yourself or your family down.	1, Not at all 2, Several days 3, More than half the days 4, Nearly every day	Basic
stres_soustredenost	Trouble concentrating on things, such as reading the newspaper or watching television.	1, Not at all 2, Several days 3, More than half the days 4, Nearly every day	Basic
stres_pomaly_pohyb	Moving or speaking so slowly that other people could have noticed? Or the opposite—being so fidgety or restless that you have been moving around a lot more than usual	1, Not at all 2, Several days 3, More than half the days 4, Nearly every day	Basic
stres_sebevrazda	Thoughts that you would be better off dead or of hurting yourself in some way	1, Not at all 2, Several days 3, More than half the days 4, Nearly every day	Basic
stres_deprese_soucet	Total score	calculation	Advanced

stres_potize	If you checked off any problems, how difficult have these problems made it for you to do your work, take care of things at home, or get along with other people?	1, Not difficult at all 2, Somewhat difficult 3, Very difficult 4, Extremely difficult	Basic
stres_deprese	Have you ever been diagnosed with depression?	0, No 1, Yes	Basic
stres_deprese_lecena	Have you ever been treated with depression?	0, No 1, Yes	Basic

4. Questions for women

1176 complete case reports are available. The methodology was based on MONICA study

Reference: http://www.thl.fi/publications/monica/

Variable name	Question	Values	Type of data
antikoncepce	Do you use peroral hormonal contraception?	1, No 2, Yes 3, Do not know	Basic
estrogeny	Do you use oestrogens?	1, No 2, Yes 3, Do not know	Basic
menopauza	Menopause?	1, No 2, Yes (no menses during last 12 month) 3, Impossible to give any clear answer	Basic
menopauza_let	How old were you when your menopause started, spontaneous or artificially induced?	text (integer)	Basic
hysterektomie	Hysterectomy?	1, No 2, Yes 3, Do not know	Basic
hysterektomie_datum	If yes, when were you operated?	text (datetime_dmy)	Basic
hysterektomie_kde	If yes, where were you operated?	text (notes)	Basic
hysterektomie_operace	Was it associated with unilateral oophorectomy? (taking off one ovary)?	1, No 2, Yes 3, Do not know	Basic

5. Medication

This section covers questions regarding using medicines, subjective health assessment and allergies. 2151 complete case reports are available, 1292 participants use some medications, 859 participants do not use any medications.

Variable name	Question	Values	Type of data
med_pravidel	**Do you use any medication?**	1, No 2, Yes	Basic
med_pravidel_nazev_1	Name of drug	text	Basic
med_pravidel_davkovani_1	Dosage	text	Basic
med_pravidel_indikace_1	Indication	text	Basic
med_dalsi_1	Next drug?	1, No 2, Yes	Basic
med_pravidel_nazev_2	Name of drug	text	Basic
med_pravidel_davkovani_2	Dosage	text	Basic
med_pravidel_indikace_2	Indication	text	Basic
med_dalsi_2	Next drug?	1, No 2, Yes	Basic
med_pravidel_nazev_3	Name of drug	text	Basic
med_pravidel_davkovani_3	Dosage	text	Basic
med_pravidel_indikace_3	Indication	text	Basic
med_dalsi_3	Next drug?	1, No 2, Yes	Basic
med_pravidel_nazev_4	Name of drug	text	Basic
med_pravidel_davkovani_4	Dosage	text	Basic
med_pravidel_indikace_4	Indication	text	Basic
med_dalsi_4	Next drug?	1, No 2, Yes	Basic
med_pravidel_nazev_5	Name of drug	text	Basic
med_pravidel_davkovani_5	Dosage	text	Basic
med_pravidel_indikace_5	Indication	text	Basic
med_dalsi_5	Next drug?	1, No 2, Yes	Basic

med_pravidel_nazev_6	Name of drug	text	Basic
med_pravidel_davkovani_6	Dosage	text	Basic
med_pravidel_indikace_6	Indication	text	Basic
med_dalsi_6	Next drug?	1, No 2, Yes	Basic
med_pravidel_nazev_7	Name of drug	text	Basic
med_pravidel_davkovani_7	Dosage	text	Basic
med_pravidel_indikace_7	Indication	text	Basic
med_dalsi_7	Next drug?	1, No 2, Yes	Basic
med_pravidel_nazev_8	Name of drug	text	Basic
med_pravidel_davkovani_8	Dosage	text	Basic
med_pravidel_indikace_8	Indication	text	Basic
med_dalsi_8	Next drug?	1, No 2, Yes	Basic
med_pravidel_nazev_9	Name of drug	text	Basic
med_pravidel_davkovani_9	Dosage	text	Basic
med_pravidel_indikace_9	Indication	text	Basic
med_dalsi_9	Next drug?	1, No 2, Yes	Basic
med_pravidel_nazev_10	Name of drug	text	Basic
med_pravidel_davkovani_10	Dosage	text	Basic
med_pravidel_indikace_10	Indication	text	Basic
med_hypolipid	**Hypolipidemic**:	0, Unchecked 1, Checked	Basic
med_hypolipid___1	None		
med_hypolipid___2	Fibrates (see special list of names)		
med_hypolipid___3	HMG-CoA reductase inhibitors (statins)		
med_hypolipid___4	Resins		
med_hypolipid___5	Nicotinic acid		
med_hypolipid___6	Other (Ezetimib)		
med_hypolipid___7	Unclear		

med_hypolipid_datum	When did this medication start?	text (date_dmy)	Basic
med_antithromb	**Antithrombotics, anticoagulants:**	0, Unchecked 1, Checked	Basic
med_antithromb___1	None		
med_antithromb___2	Acetylsalicylic acid (Godasal, Anopyrin, Aspirin)		
med_antithromb___3	Ticlopidin (Ipaton, Tagren)		
med_antithromb___4	Clopidogrel (Trombex, Clorogen)		
med_antithromb___5	Rivaroxaban (Xarelto)		
med_antithromb___6	Warfarin (Warfarin, Lawarin)		
med_antithromb___7	Dabigatran (Pradaxa)		
med_antithromb___8	Low molecular weight heparins (Clexane, Fraxiparine, Fragmin, Zibor)		
med_antithromb___9	Indobufen (Ibustrin)		
med_antithromb___10	Other		
med_antithromb___11	Unknown		
med_antithromb_datum	When did this medication start?	text (date_dmy)	Basic
med_diuretika	**Diuretics**:	0, Unchecked 1, Checked	Basic
med_diuretika___1	None		
med_diuretika___2	Loop diuretics		
med_diuretika___3	Thiazide		
med_diuretika___4	Potassium-sparing		
med_diuretika___5	Other		
med_diuretika___6	Unknown		
med_diuretika_datum	When did this medication start?	text (date_dmy)	Basic
med_betab_vasodil	**Beta, alpha-sympatholytics, Ca blockers, and other vasodilatators**	0, Unchecked 1, Checked	Basic
med_betab_vasodil___1	None		
med_betab_vasodil___2	Beta-adrenergic blockers		
med_betab_vasodil___3	Alpha-adrenergic blockers		
med_betab_vasodil___4	Calcium-channel blockers		
med_betab_vasodil___5	Angiotensin converting enzyme inhibitors		
med_betab_vasodil___6	Sartans		
med_betab_vasodil___7	Renin inhibitors (aliskiren)		

med_betab_vasodil___8	Imidazolin central inhibitors		
med_betab_vasodil___9	Unknown		
med_betablok	When did you start to use beta-blockers?	text (integer)	Basic
med_alfablok	When did you start to use alpha-blockers? (except of alpha-1-blockers for BHP N40)	text (integer)	Basic
med_blok_kalci_kanal	When did you start to use Ca-channel blockers?	text (integer)	Basic
med_inhibitory	When did you start to use ACE inhibitors?	text (integer)	Basic
med_sartany	When did you start to use sartans?	text (integer)	Basic
med_inhinitory_reninu	When did you start to use renin inhibitors?	text (integer)	Basic
med_central_inhibit	When did you start to use imidazolin central inhibitors?	text (integer)	Basic
med_jine	**Other medication:**	0, Unchecked	Basic
med_jine___1	None	1, Checked	
med_jine___2	Insulin		
med_jine___3	Peroral antidiabetic drugs		
med_jine___4	Nitroglycerin products		
med_jine___5	Thyroid gland hormones		
med_jine___6	Corticoids		
med_jine___7	Xanthine oxidase inhibitors (Milurit)		
med_jine___8	Immunosuppressants		
med_jine___9	Other		
med_jine___10	Unknown		
zdravi_stupnice	In general, would you say your health is on a scale from 1 (very poor) to 100 (excellent).	slider (number)	Basic
alergie_1	Did you used the treatment of allergic rhinitis in the last 12 months?	1, No 2, Yes	Basic
alergie_2	Did you used the treatment of asthma in the last 12 months?	1, No 2, Yes	Basic
alergie_3	Have you ever suffered from a serious allergic reaction (i.e. Anaphylaxis), which would require rapid medical intervention?	1, No 2, Yes	Basic
alergie_4	**If yes, what was the cause?**	1, Insect sting 2, Food 3, The administration of a drug 4, The cause is unknown	Basic

6. Education, profession, income

The methodology was based on MONICA study. 2140 complete case reports are available.

References: http://www.thl.fi/publications/monica/

Variable name	Question	Values	Type of data
pocet_clenu_domacnost	How many people live in your household?	1, One 2, Two 3, Three 4, Four 5, Five 6, More than five	Basic
prijem_domacnosti	Average household income per month	1, Less than 15 000 CZK 2, 15 000 – 30 000 CZK 3, 30 000 – 45 000 CZK 4, 45 000 – 60 000 CZK 5, More than 60 000 CZK 6, Refuse to answer	Basic
dosazene_vzdelani	Highest level of education attained	1, University or similar 2, Post-secondary specialized school 3, Secondary school with school-leaving exam 4, Primary school (even not completed) 5, Apprenticeship without school-leaving exam 6, Apprenticeship with school-leaving exam 7, Unknown	Basic
kolik_let_ze_skoly	How many years has it been since you left high school?	text (integer)	Basic
pracovni_pozice	What is your profession?	1, Manager/craftsman, small business man 2, Senior/skilled /independent worker 3, Junior worker 4, Non-skilled worker 5, Unemployed	Basic
povolani	Please, specify your profession	text	Basic
pracuje_let	How many years have you been working in your profession?	text (integer)	Basic

typ_uvazku	**Type of working duty, position**	1, Full-time 2, Part-time without disablement or pension 3, Disability 4, Partial disablement pension 5, Full disablement pension 6, Old-age pension 7, In household	Basic
prace_smeny	Do you work on shifts (two, three, uninterrupted working process; morning/afternoon /night or day/night shifts)?	1, No 2, Yes	Basic
prace_noc	Do you work regularly at night (i.e. night shifts = at least 4 hours between 10 p.m. and 6 a.m.)?	1, No 2, Yes	Basic
prac_uraz	Have you ever suffered from a work accident (injury)?	1, No 2, Yes	Basic

7. Smoking and weight

The section includes **Personal history of smoking, Fagerström Test of Nicotine Dependence** (FTND) (source*: Payne, T. J., Smith, P. O., McCracken, L. M., McSherry, W. C., & Antony, M. M. (1994). Assessing nicotine dependence: A comparison of the Fagerström Tolerance Questionnaire (FTQ) with the Fagerström Test for Nicotine Dependence (FTND) in a clinical sample. Addictive behaviors, 19(3), 307-317),* **Readiness to quit ladder** (source*: from Mayo Clinic Nicotine Dependency Center (CRF 1: Information Session (from Ivana Croghan),* **Quitting: Quit attempts** (source*: CRF 1: Information Session (from Ivana Croghan),* **Marijuana** (source: *Young Adults Survey, Mayo Clinic*), **Weight, Overeating.**

2139 complete case reports are available.

Variable name	Question	Values	Type of data
k_pasiv	Are you a passive smoker?	1, No 2, Yes	Basic
k_pasiv_prac	If yes, how often are you exposed to smoke at workplace?	1, Never or less than once per month 2, 1-3 times per month 3, Once per week 4, 2-4 times per week 5, 5-6 times per week 6, Daily 7, 2-3 times per day 8, 4-5 times per day 9, 6 times per day	Basic
k_pasiv_doma	If yes, how often are you exposed to smoke at home?	1, Never or less than once per month 2, 1-3 times per month 3, Once per week 4, 2-4 times per week 5, 5-6 times per week 6, Daily 7, 2-3 times per day 8, 4-5 times per day 9, 6 times per day	Basic
k_pasiv_restaur	If yes, how often are you exposed to smoke at restaurant?	1, Never or less than once per month 2, 1-3 times per month 3, Once per week 4, 2-4 times per week	Basic

		5, 5-6 times per week 6, Daily 7, 2-3 times per day 8, 4-5 times per day 9, 6 times per day	
k_pasiv_ostatni	If yes, how often are you exposed to smoke at other places?	1, Never or less than once per month 2, 1-3 times per month 3, Once per week 4, 2-4 times per week 5, 5-6 times per week 6, Daily 7, 2-3 times per day 8, 4-5 times per day 9, 6 times per day	Basic
k_100_za_zivot	I have smoked more than 100 cigarettes during my lifetime.	1, No 2, Yes	Basic
k_od	I used to smoke from	text (integer)	Basic
k_do	I used to smoke till	text (integer)	Basic
k_prumerne	On average (cigarettes per day)	text	Basic
k_nekouril	I have not smoked during (years)	text	Basic
k_mene_nez1_den	I smoke less than 1 cigarette per day (roughly 7 cigarettes per week)	1, No 2, Yes	Basic
k_denne	I smoke daily, on average (cigarettes per day)	text	Basic
k_kat5	Smoking status (5 categories)	calculation	Advanced
k_kat4	Smoking status (4 categories)	calculation	Advanced
k_ostatni	Do you use any other tobacco products: waterpipe, pipe, snus, chewing tobacco, e-cigarette, nicotine replacement therapy?	1, No 2, Yes	Basic
	If yes, how often do you use:		
k_vodni_dymka	Waterpipe	1, Never or less than once per month 2, 1-3 times per month 3, Once per week 4, 2-4 times per week 5, 5-6 times per week 6, Once per day 7, 2-3 times per day 8, 4-5 times per day 9, 6 times per day	Basic
k_dymka	Pipe		
k_snup_tabak	Snus		
k_zvyk_tabak	Chewing tobacco		
k_ecigareta	E-cigarette		
k_nahr_nik_terap	Nicotine replacement therapy		

	Fagerström Test of Nicotine Dependence		
ft_1	How soon after you wake up do you smoke your first cigarette?	1, Within 5 minutes 2, Within 6-30 minutes 3, Within 31-60 minutes 4, After 60 minutes	Basic
ft_2	Do you find it difficult to refrain from smoking in places where it is forbidden (e.g., in church, at the library, in cinema, etc)?	1, No 2, Yes	Basic
ft_3	Which cigarette would you hate most to give up?	1, The first one in the morning 2, Any other	Basic
ft_4	How many cigarettes per day do you smoke?	1, 10 or less 2, 11-20 3, 21-30 4, 31 or more	Basic
ft_5	Do you smoke more during the first hours after waking than during the rest of the day?	1, No 2, Yes	Basic
ft_6	Do you smoke even when you are ill enough to be in bed most of the day?	1, No 2, Yes	Basic
	Readiness to quit		
zebr_uk_kour	Choose one of the options that best describes your attitude to smoking or readiness to quit smoking.	1, I am ready to quit now 2, I have cut down or I am seriously thinking about quitting 3, I am thinking about cutting down or quitting 4, I think I should quit, but I am not quite ready 5, I think I need to consider quitting some day 6, I am not ready to quit	Basic
	Quit attempts		
odvykani	Have you ever made a serious attempt to stop smoking that has lasted at least one day (24 hours)?	1, No 2, Yes	Basic
odvykani_kolik	How many times?	text (integer)	Basic
odvykani_pocet	How many quit attempts lasted longer than 5 days?	text (integer)	Basic
koureni_duvod	**What keeps you from quitting smoking? Mark all that apply**	0, Unchecked 1, Checked	Basic
koureni_duvod___1	I enjoy smoking, I do not want to quit		
koureni_duvod___2	It is hard to break the habit		

koureni_duvod___3	I do not have the willpower		
koureni_duvod___4	I get anxious if I do not smoke		
koureni_duvod___5	I gain weight when I quit, or I am afraid of gaining weight if I quit		
koureni_duvod___6	Other reason		
koureni_duvod_spec	If other, please, specify	notes	Basic
	Marijuana		
marihuana_kour	Have you smoked marijuana during the last 4 weeks?	1, No 2, Yes	Basic
marihuana_dny	If yes, on how many days?	text (integer)	Basic
marihuana_kolik	How many joints, on average, did you smoke on the days you smoked marijuana?	text (integer)	Basic
	Smoke-free restaurants		
nekuracka_restaurace	Do you favour the implementation of smoke-free restaurants?	1, No 2, Yes 3, Do not know	Basic
nekuracka_restaurace_2	If a restaurant becomes smoke-free, would you:	0, Unchecked 1, Checked	Basic
nekuracka_restaurace_2___1	Be more willing to go there		
nekuracka_restaurace_2___2	Less willing to go there		
nekuracka_restaurace_2___3	My preference would not change		
	Weight		
hmotnost_max	What is the most you have ever weighed?	text (number)	Basic
hmotnost_min	What is the less you have ever weighed as an adult?	text (number)	Basic
hmotnost_20az30	What was your usual weight when you were in your 20's?	text (number)	Basic
hmotnost_30az40	What was your usual weight when you were in your 30's?	text (number)	Basic
hmotnost_40az50	What was your usual weight when you were in your 40's?	text (number)	Basic
hmotnost_50az60	What was your usual weight when you were in your 50's?	text (number)	Basic
hmotnost_nyni	What was your usual weight 12 months ago?	text (number)	Basic
kolikrat_zhubnul	How many times in your life did you intentionally lose 5 or more kilograms? (do not include times when you were ill)	text (number)	Basic

obezni	Do you consider yourself obese?	1, No 2, Yes	Basic
pozadovana_hmotnost	What is the weight you would like to have?	text (number)	Basic
	Overeating		
prejidani	Did you overeat in the past 4 weeks?	1, No 2, Yes	Basic
prejidani_kolik	If yes, on how many days?	text (integer)	Basic
prejidani_zvraceni	When you overate how many times in the past 4 weeks did you vomit or use laxatives?	text (integer)	Basic

8. IPAQ

In addition to IPAQ – long form this section includes additional questions on physical activity. 2123 complete case reports are available.

Reference: Pate RR, Pratt M, Blair SN, Haskell WL , Macera CA, Bouchard C et al. Physical activity and public health. A recommendation from the Centers for Disease Control and Prevention and the American College of Sports Medicine. Journal of American

Reference: Medical Association 1995; 273(5):402-7. and U.S. Department of Health and Human Services. Physical Activity and Health: A Report of the Surgeon General. Department of Health and Human Services, Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion, The Presidents' Council on Physical Fitness and Sports: Atlanta, GA: USA. 1996.

Reference: https://sites.google.com/site/theipaq/

Variable name	Question	Values	Type of data
p1_1	Do you currently have a job (do you study) or do you do any unpaid work outside your home?	1, No 2, Yes	Basic
p1_2	During the last 7 days, on how many days did you do vigorous physical activities like heavy lifting, digging, heavy construction, or climbing upstairs as part of your work? Think about only those physical activities that you did for at least 10 minutes at a time.	text (integer, Min: 0, Max: 7)	Basic
p1_3_hod	How much time did you usually spend on one of those days doing vigorous physical activities as part of your work? (hours per day)	text (integer, Min: 0, Max: 24)	Basic
p1_3_min	(minutes per day)	text (integer, Min: 0, Max: 59)	Basic
p1_4_dnu	Again, think about only those physical activities that you did for at least 10 minutes at a time. During the last 7 days, on how many days did you do moderate physical activities like carrying light loads as part of your work? Please do not include walking.	text (integer, Min: 0, Max: 7)	Basic
p1_5_hod	How much time did you usually spend on one of those days doing moderate physical activities as part of your work? (hours per day)	text (integer, Min: 0, Max: 24)	Basic
p1_5_min	How much time did you usually spend on one of those days doing moderate physical activities as part of your work? (minutes per day)	text (integer, Min: 0, Max: 59)	Basic

p1_6_dny	During the last 7 days, on how many days did you walk for at least 10 minutes at a time as part of your work? Please do not count any walking you did to travel to or from work.	text (integer, Min: 0, Max: 7)	Basic
p1_7_hod	How much time did you usually spend on one of those days walking as part of your work? (hours per day)	text (integer, Min: 0, Max: 24)	Basic
p1_7_min	How much time did you usually spend on one of those days walking as part of your work? (minutes per day)	text (integer, Min: 0, Max: 59)	Basic
p2_8_dnu	During the last 7 days, on how many days did you travel in a motor vehicle like a train, bus, car, or tram?	text (integer, Min: 0, Max: 7)	Basic
p2_9_hod	How much time did you usually spend on one of those days travelling in a train, bus, car, tram, or other kind of motor vehicle? (hours per day)	text (integer, Min: 0, Max: 24)	Basic
p2_9_min	How much time did you usually spend on one of those days travelling in a train, bus, car, tram, or other kind of motor vehicle? (minutes per day)	text (integer, Min: 0, Max: 59)	Basic
p2_10_dnu	During the last 7 days, on how many days did you bicycle for at least 10 minutes at a time to go from place to place?	text (integer, Min: 0, Max: 7)	Basic
p2_11_hod	How much time did you usually spend on one of those days to bicycle from place to place? (hours per day)	text (integer, Min: 0, Max: 24)	Basic
p2_11_min	How much time did you usually spend on one of those days to bicycle from place to place? (minutes per day)	text (integer, Min: 0, Max: 59)	Basic
p2_12_dnu	During the last 7 days, on how many days did you walk for at least 10 minutes at a time to go from place to place?	text (integer, Min: 0, Max: 7)	Basic
p2_13_hod	How much time did you usually spend on one of those days walking from place to place? (hours per day)	text (integer, Min: 0, Max: 24)	Basic
p2_13_min	How much time did you usually spend on one of those days walking from place to place? (hours per day)	text (integer, Min: 0, Max: 59)	Basic
p3_14_dnu	Think about only those physical activities that you did for at least 10 minutes at a time. During the last 7 days, on how many days did you do vigorous physical activities like heavy lifting, chopping wood, shovelling snow, or digging in the garden or yard?	text (integer, Min: 0, Max: 7)	Basic
p3_15_hod	How much time did you usually spend on one of those days doing vigorous physical activities in the garden or yard? (hours per day)	text (integer, Min: 0, Max: 24)	Basic
p3_15_min	How much time did you usually spend on one of those days doing vigorous physical activities in the garden or yard? (minutes per day)	text (integer, Min: 0, Max: 59)	Basic
p3_16_dnu	Again, think about only those physical activities that you did for at least 10 minutes at a time. During the last 7 days, on how many days did you do moderate	text (integer, Min: 0, Max: 7)	Basic

	activities like carrying light loads, sweeping, washing windows, and raking in the garden or yard?		
p3_17_hod	How much time did you usually spend on one of those days doing moderate physical activities in the garden or yard? (hours per day)	text (integer, Min: 0, Max: 24)	Basic
p3_17_min	How much time did you usually spend on one of those days doing moderate physical activities in the garden or yard? (minutes per day)	text (integer, Min: 0, Max: 59)	Basic
p3_18_dnu	Once again, think about only those physical activities that you did for at least 10 minutes at a time. During the last 7 days, on how many days did you do moderate activities like carrying light loads, washing windows, scrubbing floors and sweeping inside your home?	text (integer, Min: 0, Max: 7)	Basic
p3_19_hod	How much time did you usually spend on one of those days doing moderate physical activities inside your home? (hours per day)	text (integer, Min: 0, Max: 24)	Basic
p3_19_min	How much time did you usually spend on one of those days doing moderate physical activities inside your home? (minutes per day)	text (integer, Min: 0, Max: 59)	Basic
p4_20_dnu	Not counting any walking, you have already mentioned, during the last 7 days, on how many days did you walk for at least 10 minutes at a time in your leisure time?	text (integer, Min: 0, Max: 7)	Basic
p4_21_hod	How much time did you usually spend on one of those days walking in your leisure time? (hours per day)	text (integer, Min: 0, Max: 24)	Basic
p4_21_min	How much time did you usually spend on one of those days walking in your leisure time? (minutes per day)	text (integer, Min: 0, Max: 59)	Basic
p4_22_dnu	Think about only those physical activities that you did for at least 10 minutes at a time. During the last 7 days, on how many days did you do vigorous physical activities like aerobics, running, fast bicycling, or fast swimming in your leisure time?	text (integer, Min: 0, Max: 7)	Basic
p4_23_hod	How much time did you usually spend on one of those days doing vigorous physical activities in your leisure time? (hours per day)	text (integer, Min: 0, Max: 24)	Basic
p4_23_min	How much time did you usually spend on one of those days doing vigorous physical activities in your leisure time? (minutes per day)	text (integer, Min: 0, Max: 59)	Basic
p4_24_dnu	Again, think about only those physical activities that you did for at least 10 minutes at a time. During the last 7 days, on how many days did you do moderate physical activities like bicycling at a regular pace, swimming at a regular pace, and doubles tennis in your leisure time?	text (integer, Min: 0, Max: 7)	Basic
p4_25_hod	How much time did you usually spend on one of those days doing moderate physical activities in your leisure time? (hours per day)	text (integer, Min: 0, Max: 24)	Basic

p4_25_min	How much time did you usually spend on one of those days doing moderate physical activities in your leisure time? (minutes per day)	text (integer, Min: 0, Max: 59)	Basic
p5_26_hod	During the last 7 days, how much time did you usually spend sitting on a weekday? (hours per day)	text (integer, Min: 0, Max: 24)	Basic
p5_26_min	During the last 7 days, how much time did you usually spend sitting on a weekday? (minutes per day)	text (integer, Min: 0, Max: 59)	Basic
p5_27_hod	During the last 7 days, how much time did you usually spend sitting on a weekend day? (hours per day)	text (integer, Min: 0, Max: 24)	Basic
p5_27_min	During the last 7 days, how much time did you usually spend sitting on a weekend day? (minutes per day)	text (integer, Min: 0, Max: 59)	Basic
p5_28_hod	During the last 7 days, how much time did you usually spend watching the TV on a weekend day? (hours per day)	text (integer, Min: 0, Max: 24)	Basic
p5_28_min	During the last 7 days, how much time did you usually spend watching the TV on a weekend day? (minutes per day)	text (integer, Min: 0, Max: 59)	Basic
p5_29_hod	During the last 7 days, how much time did you usually spend watching the TV on a weekday? (hours per day)	text (integer, Min: 0, Max: 24)	Basic
p5_29_min	During the last 7 days, how much time did you usually spend watching the TV on a weekday? (minutes per day)	text (integer, Min: 0, Max: 59)	Basic
p5_30_hod	During the last 7 days, how much time did you usually spend with a computer on a weekend day at home? (hours per day)	text (integer, Min: 0, Max: 24)	Basic
p5_30_min	During the last 7 days, how much time did you usually spend with a computer on a weekend day at home? (minutes per day)	text (integer, Min: 0, Max: 59)	Basic
p5_31_hod	During the last 7 days, how much time did you usually spend with a computer on a weekday at home? (hours per day)	text (integer, Min: 0, Max: 24)	Basic
p5_31_min	During the last 7 days, how much time did you usually spend with a computer on a weekday at home? (minutes per day)	text (integer, Min: 0, Max: 59)	Basic
ipaq_total_walk	Total walking MET-minutes	calculation	Advanced
ipaq_total_walk_2	Total walking (truncated) MET-minutes	calculation	Advanced
ipaq_total_moderate	Total moderate activity MET-minutes	calculation	Advanced
ipaq_total_moderat_2	Total moderate activity (truncated) MET-minutes	calculation	Advanced
ipaq_total_vig	Total vigorous activity MET-minutes	calculation	Advanced
ipaq_total_vig_2	Total vigorous activity (truncated) MET-minutes	calculation	Advanced
ipaq_total	Total physical activity Score MET-minutes	calculation	Advanced

ipaq_total_2	Total physical activity Score (using truncated data) MET-minutes	calculation	Advanced
ipaq_total_sit	Total sitting	calculation	Advanced
ipaq_cat	IPAQ category of Physical Activity: 1 – Low Physical Activity 2 – Moderate Physical Activity 3 – High Physical Activity 0 – Missing value	calculation	Advanced
ipaq_cat_2	IPAQ TRUNCATED category of Physical Activity: 1 – Low Physical Activity - truncated 2 – Moderate Physical Activity - truncated 3 – High Physical Activity – truncated 0 – Missing value	calculation	Advanced
	Do you do the following activities? How often?		
p6_32	Running	1, Never or less than once per month 2, 1-3 times per month 3, Once per week 4, 2-4 times per week 5, 5-6 times per week 6, Daily	Basic
p6_33	Cycling		
p6_34	Ball sports (football, basketball)		
p6_35	Swimming		
p6_36	Using exercise devices (exercise bike, ellipticals, etc.)		
p6_37	Other activities (without using machines)		
p6_38	What are the barriers that keep you from exercising more? Mark all that apply	0, Unchecked 1, Checked	Basic
p6_38___1	Lack of time		
p6_38___2	I am too tired		
p6_38___3	I don't like it		
p6_38___4	I don't know how to start or what to do		
p6_38___5	Lack of space, facilities or equipment		
p6_38___6	Joint pain, muscle problems, feet problems		
p6_38___7	Other reason		
p6_38_spec	If other, please, specify	notes	Basic
p7_39	Do you currently engage in regular physical activity?	1, No 2, Yes	Basic

p7_40	Do you intend to engage in regular physical activity in the next 6 months?	1, No 2, Yes	Basic
p7_41	Do you intend to engage in regular physical activity in the next 30 days?	1, No 2, Yes	Basic
p7_42	Have you been regularly physically active for the past six months?	1, No 2, Yes	Basic
p8_43	In general, how would you estimate your life quality on a scale from 1 (very poor) to 100 (excellent).	slider (number)	Basic
zvire	Do you have any pets?	1, No 2, Yes	Basic
zvire_spec zvire_spec___1 zvire_spec___2 zvire_spec___3 zvire_spec___4	**What pet do you have?** Dog Cat Horse Other	0, Unchecked 1, Checked	Basic
zvire_pes_pocet	How many dogs do you have?	text (integer)	Basic
zvire_pes_misto	Where the dog lives?	1, Indoor 2, Outdoor	Basic
zvire_pes_venceni	How often do you walk the dog?	1, 1-2 times per day 2, 3 times or more per day 3, Not at all	Basic
zvire_pes_venceni_30 min	How often do you have at least 30 min walk/practice with your dog?	1, 1-2 times per day 2, 3 per week 3, Once per week	Basic
zvire_pes_pohyb_cas	How long do you spend with your dog being active? (hours per week)	text (integer)	Basic
zvire_pes_pohyb_km	How many km do you walk with your dog per week?	text (integer)	Basic
zvire_kocka_pocet	How many cats do you have?	text (integer)	Basic
zvire_kun_pocet	How many horses do you have?	text (integer)	Basic
zvire_kun	Do you ride a horse?	1, No 2, Yes	Basic
zvire_kun_jizda	How often do you ride a horse?	1, Daily 2, 2-4 times per week 3, Once per week or less	Basic
zvire_kun_cas	How many hours do you actively spend riding a horse?	text (integer)	Basic

9. Epworth Sleepiness Scale

2149 complete case reports are available.

Reference: Johns MW (1991). "A new method for measuring daytime sleepiness: the Epworth sleepiness scale". Sleep 14 (6): 540–5. PMID 1798888.)

Variable name	Question	Values	Type of data
	How likely are you to doze off or fall asleep in the following situations, in contrast to feeling just tired?		
ess_1	Sitting and reading	0, No chance of dozing	Basic
ess_2	Watching TV	1, Slight chance of dozing	Basic
ess_3	Sitting inactive in a public place (e.g. a theatre or a meeting)	2, Moderate chance of dozing 3, High chance of dozing	Basic
ess_4	As a passenger in a car for an hour-long drive without a break		Basic
ess_5	Lying down - to rest in the afternoon when circumstances permit		Basic
ess_6	Sitting and talking to someone		Basic
ess_7	Sitting quietly after a lunch without alcohol		Basic
ess_8	In a car, as a driver, while stopped for a few minutes in traffic		Basic
ess_score	Total score	calculation	Advanced

10. Berlin questionnaire

The Berlin Questionnaire is a simple sleep apnoea screening questionnaire used to quickly indentify the risk (low to high) of sleep disordered breathing. The questionnaire consists of 3 categories and risk is based on the responses to individual items and overall scores in the symptom categories.

2150 complete case reports are available.

There are two ways of scoring, both adapted from original Netzer's article. (*Netzer NC, Stoohs RA, Netzer CM, Clark K, Strohl KP. Using the Berlin Questionnaire to identify patients at risk for the sleep apnea syndrome. Ann Intern Med. 1999 Oct 5;131(7):485-91*). The questionnaire is also called UK scoring is used at British Snoring & Sleep Apnoea Association (*British Snoring & Sleep Apnoea Association [online], 2018. Suffolk, England: Precision Marketing Group [cit. 2019-09-30]. britishsnoring.co.uk*). The version of US scoring is included in questionnaire published at Philips Respironics Sleep Apnea Care (*Philips Respironics Sleep Apnea Care [online], 2010. Amsterdam, The Netherlands: Koninklijke Philips N.V. [cit. 2019-09-30].*

Reference: https://www.usa.philips.com/c-dam/b2bhc/master/whitepapers/sleep-therapy/1040664_BerlinQNCRForms.pdf)

Variable name	Question	Values	Type of data
bq_1	Has your weight changed in the last 5 years?	1, Yes, increased 2, Yes, decreased 3, No	Basic
bq_2	Do you snore?	1, Yes 2, No 3, Do not know	Basic
bq_3	If you snore, your snoring is	1, Slightly louder than breathing 2, As loud as talking 3, Louder than talking 4, Very loud. Can be heard in adjacent rooms.	Basic
bq_4	How often do you snore?	1, Almost every day 2, 3-4 times per week 3, 1-2 times per week 4, 1-2 times per month 5, Never or almost never	Basic
bq_5	Has your snoring ever bothered other people?	1, Yes 2, No	Basic

bq_6	Has anyone noticed that you quit breathing during your sleep?	1, Almost every day 2, 3-4 times per week 3, 1-2 times per week 4, 1-2 times per month 5, Never or almost never	Basic
bq_7	How often do you feel tired or fatigued after your sleep?	1, Almost every day 2, 3-4 times per week 3, 1-2 times per week 4, 1-2 times per month 5, Never or almost never	Basic
bq_8	During your waketime, do you feel tired, fatigued or not up to par?	1, Almost every day 2, 3-4 times per week 3, 1-2 times per week 4, 1-2 times per month 5, Never or almost never	Basic
bq_9	Have you ever nodded off or fallen asleep while driving a vehicle?	1, Yes 2, No	Basic
bq_10	If yes, how often does it occur?	1, Almost every day 2, 3-4 times per week 3, 1-2 times per week 4, 1-2 times per month 5, Never or almost never	Basic
bq_11	Do you have high blood pressure?	1, Yes 2, No 3, Do not know	Basic
result_usa	Risk category (USA scoring)	Calculation 0, Low risk of sleep apnoe 1, High risk of sleep apnoe	Advanced
result_gb	Risk category (GB scoring)	Calculation 0, Low risk of sleep apnoe 1, High risk of sleep apnoe	Advanced
bq_12	How many hours do you sleep? (during a 24-hour period)	1, 5 hours or less 2, About 6 hours 3, About 7 hours 4, About 8 hours 5, About 9 hours 6, About 10 hours 7, 11 hours or more	Basic

bq_13	**If you sleep 6 or less hours, is this because of (choose one or more):**	0, Unchecked	Basic
bq_13___1	Insomnia (cannot sleep at night)	1, Checked	
bq_13___2	Not enough time		
bq_13___3	Watching TV		
bq_13___4	Work		
bq_13___5	Children		
bq_14	Have you ever been diagnosed with obstructive sleep apnoea (OSA) based on an overnight sleep study?	1, Yes 2, No	Basic
bq_15	Do you wear CPAP (continuous positive airway pressure) when sleep?	1, Yes 2, No	Basic
bq_16	How often do you use it?	1, More than 99 % of nights 2, 75-98 % of nights 3, 50-74 % of nights 4, 25-49 % of nights 5, Less than 25 % of nights	Basic
bq_17	How long do you wear it most nights?	1, More than 6 hours each night 2, 3-6 hours each night 3, Less than 3 hours each night	Basic
bq_18	When falling asleep, or during the sleep, do you happen to have uncomfortable, jerky feelings in your legs and feet, which can stop while walking or moving your feet?	1, Almost every day 2, 3-4 times per week 3, 1-2 times per week 4, 1-2 times per month 5, Never or almost never	Basic
snidane	How many times each week (including weekdays and weekends) do you usually have breakfast?	1, 7 times per week 2, 5-6 times per week 3, 3-4 times per week 4, 1-2 times per week 5, Almost never 6, Never	Basic
snidane_let	How many years has this been your routine for breakfast?	text (integer)	Basic
snidane_hodin_prac	What time do you usually have breakfast on weekdays?	text (time)	Basic
snidane_hodin_volno	What time do you usually have breakfast on weekends?	text (time)	Basic
prvni_jidlo	If you do not have breakfast at what time is your first meal of the day?	text (time)	Basic

The questionnaire was created at the Institute of Public Health, Faculty of Medicine at Masaryk University, to evaluate nutritional habits for the purpose of complex preventive examination and for use in various projects. The questionnaire does not contain any form of quantification, it is based on the concept of so-called standard portions. Alcohol consumption was assessed by means of a guided interview, structured according to a questionnaire form. The questionnaire was developed primarily for the Kardiovize project, with more general usage expected in other epidemiological projects.

2156 complete case reports are available.

References: Brázdová Z, Fiala J, Bauerová J, Hrubá D: Dietary Guidelines in the Czech republic I.: Theoretical background and development. Central Eur J Public Health, 8, 2000, 3, 186-190.

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Fiala J, Sochor O, Klimusová H, Homolka M: Alcohol Consumption in Population Aged 25-65 Years Living in the Metropolis of South Moravia, Czech Republic. Cent Eur J Public Health. 2017 Sep;25(3):191-199. doi: 10.21101/cejpha 4481. https://www.ncbi.nlm.nih.gov/pubmed/29022677

Variable name	Question	Values	Type of data
nutri_a	Are you currently on a diet/or any specific nutritional style?	1, No 2, Yes	Basic
nutri_a_spec	**If yes, what kind of diet do you currently follow?**	0, Unchecked 1, Checked	Basic
nutri_a_spec___1	For diseases of digestive system		
nutri_a_spec___2	Low fat diet for hypercholesterolemia (against cholesterol)		
nutri_a_spec___3	Slimming diet (to lose weight)		
nutri_a_spec___4	Diabetic diet (for diabetes)		
nutri_a_spec___5	Vegetarian diet		
nutri_a_spec___6	Gluten free diet		
nutri_a_spec___7	Lactose intolerance		
nutri_a_spec___8	Warfarin treatment		

nutri_a_spec___9	Food allergy		
nutri_b	How many times per day do you eat?	1, Once per day 2, 2 times per day 3, 3 times per day 4, 4 times per day 5, 5 times per day 6, 6 times per day or more	Basic
nutri_c	How many times per day do you eat a hot meal?	1, Not at all 2, 1 time per day 3, 2 times per day 4, 3 times per day 5, 4 times per day 6, 5 times per day or more	Basic
nutri_d	How do you prepare meals?	0, Unchecked 1, Checked	Basic
nutri_d___1	Without fat/oil		
nutri_d___2	On fat (oil, butter, lard)		
nutri_d___3	Frying, grilling		
nutri_d_spec	How often do you fry or grill your meal?	1, Once per week 2, 2 times per week 3, 3 times per week 4, 4 times per week 5, 5 times per week 6, 6 times per week 7, 7 times per week 8, 1-2 times per month	Basic
nutri_e	Do you usually add salt into your food on table?	1, No 2, Yes	Basic
nutri_f	How often do you take your food at noon in a canteen (at school, at work)?	1, Not at all 2, Once per week 3, 2 times per week 4, 3 times per week 5, 4 times per week 6, 5 times per week 7, 6 times per week 8, 7 times per week 9, 1-2 times per month	Basic

nutri_g	How often do you eat in a restaurant, fast food or buffet?	1, Not at all 2, Once per week 3, 2 times per week 4, 3 times per week 5, 4 times per week 6, 5 times per week 7, 6 times per week 8, 7 times per week 9, 1-2 times per month	Basic
	How often do you eat:		
nutri_7dni_1	Bread	1, Not at all 2, Once per week 3, 2 times per week 4, 3 times per week 5, 4 times per week 6, 5 times per week 7, 6 times per week 8, Once per day 9, 2-3 times per day 10, 4-5 times per day 11, 6 times per day or more	Basic
nutri_7dni_2	White bread (not sweet) common rolls and buns, cap, white baguette		Basic
nutri_7dni_3	Wholemeal bread		Basic
nutri_7dni_4	Fine pastry cakes, pies etc.		Basic
nutri_7dni_5	Cereals (muesli, cornflakes, porridge etc.)		Basic
nutri_7dni_6	Butter on bakery		Basic
nutri_7dni_7	Spread butter		Basic
nutri_7dni_8	Margarine (Rama, Flora etc.)		Basic
nutri_7dni_9	Milk or flavoured milk, cocoa		Basic
nutri_7dni_10	Yogurt with reduced fat content (<0.5%)		Basic
nutri_7dni_11	Yogurt moderate fat (3–10%) regular content		Basic
nutri_7dni_12	Yogurt Cream (> 10% fat)		Basic
nutri_7dni_13	Cottage cheese (quark)		Basic
nutri_7dni_14	Milk desserts, puddings		Basic
nutri_7dni_15	Cream, creamy desserts		Basic
nutri_7dni_16	Soft spreadable cheese, cream cheese		Basic
nutri_7dni_17	Hard cheese 30% and less FDM		Basic
nutri_7dni_18	Hard cheese 40% and more FDM		Basic
nutri_7dni_19	Cheese with noble rot Camembert, blue cheese		Basic
nutri_7dni_20	Other cheese, i.e. Mozzarella, Parenica, Cottage etc.		Basic
nutri_7dni_21	Jam, honey, Nutella		Basic
nutri_7dni_22	Eggs, egg dishes (boiled, scrambled, omelette, fried eggs etc.)		Basic

nutri_7dni_23	Ham		Basic
nutri_7dni_24	Sausage meat products (sausages, salami, sausage), pies		Basic
nutri_7dni_25	Red meat (pork, beef, mutton, venison), and cooked ham		Basic
nutri_7dni_26	Poultry (chicken, turkey, duck, rabbit, goose)		Basic
nutri_7dni_27	Fish (any, as well as canned or salad)		Basic
nutri_7dni_28	Soya meat, tofu, robi etc.		Basic
nutri_7dni_29	Fresh fruit		Basic
nutri_7dni_30	Fresh vegetable		Basic
nutri_7dni_31	Boiled vegetable		Basic
nutri_7dni_32	Legumes		Basic
nutri_7dni_33	Boiled potatoes (or mashed)		Basic
nutri_7dni_34	French fries		Basic
nutri_7dni_35	Rice		Basic
nutri_7dni_36	Pasta		Basic
nutri_7dni_37	Dumplings (not sweet)		Basic
nutri_7dni_38	Sweet dumplings and other floury dishes (pancakes, waffles...)		Basic
nutri_7dni_39	Pizza		Basic
nutri_7dni_40	Hamburger, hot dog, sandwich		Basic
nutri_7dni_41	Nuts, seeds		Basic
nutri_7dni_42	Sugar confectionery (chocolate, candies, chocolate bars, cakes, biscuits…)		Basic
nutri_7dni_43	Salty snacks (crisps, sticks, crackers)		Basic
nutri_ryby	How often do you eat fish?	1, Once per month 2, Twice per month	Basic
nutri_ovoce	How many fruit portions do you usually take a day?	text (number)	Basic
nutri_zelenina	How many vegetable portions do you usually take a day?	text (number)	Basic
nutri_ovoce_zelenina	What is preventing you from eating more fruits or vegetables? What is influencing your daily intake of fruits, vegetables? Mark all that apply.	0, Unchecked 1, Checked	Basic
nutri_ovoce_zelenina___1	I think I eat enough of them		
nutri_ovoce_zelenina___2	Fruit/vegetable are too expensive		
nutri_ovoce_zelenina___3	I do not like the taste.		

nutri_ovoce_zelenina___4	It takes too long to prepare them.		
nutri_ovoce_zelenina___5	I do not think their consummation is important		
nutri_ovoce_zelenina___6	Problems with bloating and flatulence		
nutri_ovoce_zelenina___7	Other reason		
nutri_lusteniny	How often do you eat legumes?	1, Once per month 2, Twice per month	Basic
tekutiny_mnozstvni	How much do you drink per day?	1, Less than 1 litre 2, 1-2 litres 3, 2-3 litres 4, More than 3 litres	Basic
tekutiny_druh	**What kind of drinks do you usually choose?**	0, Unchecked 1, Checked	Basic
tekutiny_druh___1	Water (tap water, bottled)		
tekutiny_druh___2	Carbonated water, no sugar added		
tekutiny_druh___3	Carbonated water with added sugar, lemonade		
tekutiny_druh___4	Tea		
tekutiny_druh___5	Coffee		
tekutiny_druh___6	Cola, Kofola, energy drinks		
tekutiny_kava	How often do you drink coffee?	1, Once per week 2, 2 times per week 3, 3 times per week 4, 4 times per week 5, 5 times per week 6, 6 times per week 7, Once per day 8, 2-3 times per day 9, 4-5 times per day 10, 6 times per day or more	Basic
tekutiny_kola	How often do you drink cola drinks?	1, Once per week 2, 2 times per week 3, 3 times per week 4, 4 times per week 5, 5 times per week 6, 6 times per week 7, Once per day 8, 2-3 times per day 9, 4-5 times per day 10, 6 times per day or more	Basic

	Alcohol consumption (ALFIA questionnaire)		
alkohol_12_mes	How often did you take an alcoholic drink during last 12 months?)	1, Not at all 2, Less than once a month 3, 1-3 times per month 4, Once a week 5, 2-4 times per week 6, 5-6 times per week 7, Once a day 8, 2-3 times per day 9, 4-5 times per day 10, 6 or more times per day	Basic
alkohol_30_skl	During last 30 days, on how many occasions did you have at least one glass of alcoholic drink?	text (integer) don´t know=77)	Basic
alkohol_30_sd	During last 30 days, if you drank alcohol, how many standard doses did you take on one occasion?	text (number) don´t know=77)	Basic
alkohol_30_max_sd	During last 30 days, what was the highest number of standard doses of alcohol you drank on one occasion, considering any type of alcoholic drinks?	text (number) don´t know=77)	Basic
alkohol_30_jp	During last 30 days, how many times did you drink – men: 5 or more, women: 4 or more standard doses (glasses) of alcohol on one occasion?	text (integer) don´t know=77)	Basic
alkohol_30_jidlo	During last 30 days, when you took an alcoholic drink, how often it was with a dish? (meant a bigger one, such as a lunch, dinner; not to take into account small snacks such as salt sticks, chips, nuts)	1, Never with food 2, Seldom with food 3, Occasionally with food 4, Usually with food	Basic
alkohol	Did you take alcohol in last 7 days?	1, No 2, Yes 3, Refuse to answer	Basic
alkohol_dny	**On which day(s) did you have alcohol?**	0, Unchecked 1, Checked	Basic
alkohol_dny___1	Monday		
alkohol_dny___2	Tuesday		
alkohol_dny___3	Wednesday		
alkohol_dny___4	Thursday		
alkohol_dny___5	Friday		
alkohol_dny___6	Saturday		
alkohol_dny___7	Sunday		

alkohol_druh	**What kind of alcohol?**	0, Unchecked	Basic
alkohol_druh___1	Beer	1, Checked	
alkohol_druh___2	Wine		
alkohol_druh___3	Vermouths		
alkohol_druh___4	Spirits		
	Standard servings		
alkohol_pivo_po	Beer – Monday	text (number)	Basic
alkohol_vino_po	Wine – Monday	text (number)	Basic
alkohol_vermuty_po	Vermouths – Monday	text (number)	Basic
alkohol_destilaty_po	Spirits – Monday	text (number)	Basic
alkohol_pivo_ut	Beer – Tuesday	text (number)	Basic
alkohol_vino_ut	Wine – Tuesday	text (number)	Basic
alkohol_vermuty_ut	Vermouths – Tuesday	text (number)	Basic
alkohol_destilaty_ut	Spirits – Tuesday	text (number)	Basic
alkohol_pivo_st	Beer – Wednesday	text (number)	Basic
alkohol_vino_st	Wine – Wednesday	text (number)	Basic
alkohol_vermuty_st	Vermouths – Wednesday	text (number)	Basic
alkohol_destilaty_st	Spirits – Wednesday	text (number)	Basic
alkohol_pivo_ct	Beer – Thursday	text (number)	Basic
alkohol_vino_ct	Wine – Thursday	text (number)	Basic
alkohol_vermuty_ct	Vermouths – Thursday	text (number)	Basic
alkohol_destilaty_ct	Spirits – Thursday	text (number)	Basic
alkohol_pivo_pa	Beer – Friday	text (number)	Basic
alkohol_vino_pa	Wine – Friday	text (number)	Basic
alkohol_vermuty_pa	Vermouths – Friday	text (number)	Basic
alkohol_destilaty_pa	Spirits – Friday	text (number)	Basic
alkohol_pivo_so	Beer – Saturday	text (number)	Basic
alkohol_vino_so	Wine – Saturday	text (number)	Basic
alkohol_vermuty_so	Vermouths – Saturday	text (number)	Basic
alkohol_destilaty_so	Spirits – Saturday	text (number)	Basic

alkohol_pivo_ne	Beer – Sunday	text (number)	Basic
alkohol_vino_ne	Wine – Sunday	text (number)	Basic
alkohol_vermuty_ne	Vermouths – Sunday	text (number)	Basic
alkohol_destilaty_ne	Spirits – Sunday	text (number)	Basic
alkohol_pivo_davka	Amount of servings of beer	calculation	Advanced
alkohol_vino_davka	Amount of servings of wine	calculation	Advanced
alkohol_vermuty_davka	Amount of servings of vermouths	calculation	Advanced
alkohol_destilaty_davka	Amount of servings of spirits	calculation	Advanced
alkohol_pivo_g	Amount of ethanol contained in beer	calculation	Advanced
alkohol_vino_g	Amount of ethanol contained in wine	calculation	Advanced
alkohol_vermuty_g	Amount of ethanol contained in vermouths	calculation	Advanced
alkohol_destilaty_g	Amount of ethanol contained in spirits	calculation	Advanced
alkohol_davky_celkem	Total amount of servings of alcohol	calculation	Advanced
alkohol_g_celkem	Total amount of ethanol	calculation	Advanced
doplnky_stravy	**Which of these nutritional supplements, do you regularly use?**	0, Unchecked 1, Checked	Basic
doplnky_stravy___0	None		
doplnky_stravy___1	Multi-vitamins		
doplnky_stravy___2	Vitamin D supplements, against osteoporosis - e.g. calcium		
doplnky_stravy___3	Fish oil, omega-3 unsaturated fatty acids		
doplnky_stravy___4	Joint nutritional supplements = chondrointin sulfate, chondrosulf, chondroforte		
doplnky_stravy___5	Wobenzym, Proenzi		
doplnky_stravy___6	Coenzym Q10		
doplnky_stravy___7	Lecithin		
doplnky_utraceno	How much do you spend for nutritional supplements per year?	1, 0–250 CZK 2, 250–500 CZK 3, 500–1000 CZK 4, 1000–1500 CZK 5, 1500–2500 CZK 6, 2500–4000 CZK 7, More than 4000 CZK	Basic

sluzby_utraceno	How much do you spend for your health expenditures (rehabilitation, massage, spa, acupuncture, laser therapy, vaccination) not including medications per year?	1, 0–250 CZK 2, 250–500 CZK 3, 500–1000 CZK 4, 1000–1500 CZK 5, 1500–2500 CZK 6, 2500–4000 CZK 7, More than 4000 CZK	Basic
sdelovaci_prostredky	**Do you regularly use: mark all that apply**	0, Unchecked 1, Checked	Basic
sdelovaci_prostredky___1	Internet		
sdelovaci_prostredky___2	E-mail		
sdelovaci_prostredky___3	Social networks/Facebook		
sdelovaci_prostredky___4	Radio		
sdelovaci_prostredky___5	TV		
sdelovaci_prostredky___6	Newspaper		
info_o_zdravi	Do you search any information about health and well-being?	1, No 2, Yes	Basic
info_o_zdravi_spec	**How do you get health information?**	0, Unchecked 1, Checked	Basic
info_o_zdravi_spec___1	I regularly listen to the radio		
info_o_zdravi_spec___2	I regularly watch the TV		
info_o_zdravi_spec___3	I read newspapers		
info_o_zdravi_spec___4	I ask a family member		
info_o_zdravi_spec___5	I ask a friend or a colleagues		
info_o_zdravi_spec___6	I ask a doctor		
info_o_zdravi_spec___7	I ask a nurse		
info_o_zdravi_spec___8	Internet		
info_o_zdravi_spec___9	E-mail		
info_o_zdravi_spec___10	Social networks (Facebook)		
info_o_zdravi_spec___11	Other		
vize_zel_ovoc_v6m	Do you intend to eat more vegetables and fruits over the next six months?	1, No 2, Yes 3, Do not know	Basic
vize_zel_ovoc_v30d	Do you intend to eat more vegetables and fruits over the next 30 days?	1, No 2, Yes 3, Do not know	Basic

12. Nutridan 24-hours recall

A 24-hour diet recall is a dietary assessment tool that consists of a structured interview in which participants are asked to recall all food and drink they have consumed in the previous 24 hours. Data processing was carried out by using computer program NutriDan.

2152 complete case reports are available.

Variable name	Parameter	Values	Type of data
nutrition1_date	Date	text	Basic
nutrition1_age	Age	text (number)	Basic
nutrition1_pregnanacy	Pregnancy	1, Yes 2, No	Basic
nutrition1_bf	Breast feeding	1, Yes 2, No	Basic
nutrition1_bmi	BMI	text (number)	Basic
nutrition1_weight	Weight	text (number)	Basic
nutrition1_height	Height	text (number)	Basic
nutrition1_kcal	Energy (Kcal)	text (number)	Basic
nutrition1_kj	Energy (kJ)	text (number)	Basic
nutrition1_protein	Proteins (g)	text (number)	Basic
nutrition1_phenylalanine	Phenylalanine (mg)	text (number)	Basic
nutrition1_lipids	Lipids (g)	text (number)	Basic
nutrition1_satur_fa	Saturated fatty acids (g)	text (number)	Basic
nutrition1_mono_fa	Monoenoic fatty acids (g)	text (number)	Basic
nutrition1_poly_fa	Polyenoic fatty acids (g)	text (number)	Basic
nutrition1_cholesterol	Cholesterol (mg)	text (number)	Basic
nutrition1_sacharids	Saccharides (g)	text (number)	Basic
nutrition1_sacharids_md	Mono and Disaccharides (g)	text (number)	Basic
nutrition1_lactose	Lactose (g)	text (number)	Basic
nutrition1_polysach	Polysaccharides (g)	text (number)	Basic

nutrition1_fiber	Fiber (g)	text (number)	Basic
nutrition1_water	Water (g)	text (number)	Basic
nutrition1_minerals	Minerals (g)	text (number)	Basic
nutrition1_na	Sodium (mg)	text (number)	Basic
nutrition1_k	Potassium (mg)	text (number)	Basic
nutrition1_ca	Calcium (mg)	text (number)	Basic
nutrition1_mg	Magnesium (mg)	text (number)	Basic
nutrition1_p	Phosphorus (mg)	text (number)	Basic
nutrition1_fe	Iron (mg)	text (number)	Basic
nutrition1_zn	Zinc (mg)	text (number)	Basic
nutrition1_cu	Copper (mg)	text (number)	Basic
nutrition1_se	Selenium (ug)	text (number)	Basic
nutrition1_fluoride	Fluorides (ug)	text (number)	Basic
nutrition1_i	Iodine (ug)	text (number)	Basic
nutrition1_retinol	Retinol (ug)	text (number)	Basic
nutrition1_carotenoid	Carotenoids (ug)	text (number)	Basic
nutrition1_vitd	Vitamin D (ug)	text (number)	Basic
nutrition1_vite	Vitamin E (mg)	text (number)	Basic
nutrition1_thiamin	Thiamine (mg)	text (number)	Basic
nutrition1_riboflavin	Riboflavin (mg)	text (number)	Basic
nutrition1_niacin	Niacin (mg)	text (number)	Basic
nutrition1_vitb6	Vitamin B6 (mg)	text (number)	Basic
nutrition1_vitb12	Vitamin B12 (ug)	text (number)	Basic
nutrition1_folicacid	Folic acid (ug)	text (number)	Basic
nutrition1_vitc	Vitamin C (mg)	text (number)	Basic
nutrition1_purines	Purines (mg)	text (number)	Basic
nutrition1_phytines	Phytines (mg)	text (number)	Basic

13. Nutridan 3 days recall

Participants were asked to fill a 3day diet record (2 working days and 1 weekend day during one week) of all food and drink they have consumed. Data processing was carried out by using computer program NutriDan.

445 digitalized complete case reports are available, other 1539 only in paper form.

Variable name	Parameter	Values	Type of data
nutrition3_date	Date	text	Basic
nutrition3_age	Age	text (number)	Basic
nutrition3_pregnanacy	Pregnancy	1, Yes 2, No	Basic
nutrition3_bf	Breast feeding	1, Yes 2, No	Basic
nutrition3_bmi	BMI	text (number)	Basic
nutrition3_weight	Weight	text (number)	Basic
nutrition3_height	Height	text (number)	Basic
nutrition3_kcal	Energy (Kcal)	text (number)	Basic
nutrition3_kj	Energy (kJ)	text (number)	Basic
nutrition3_protein	Proteins (g)	text (number)	Basic
nutrition3_phenylalanine	Phenylalanine (mg)	text (number)	Basic
nutrition3_lipids	Lipids (g)	text (number)	Basic
nutrition3_satur_fa	Saturated fatty acids (g)	text (number)	Basic
nutrition3_mono_fa	Monoenoic fatty acids (g)	text (number)	Basic
nutrition3_poly_fa	Polyenoic fatty acids (g)	text (number)	Basic
nutrition3_cholesterol	Cholesterol (mg)	text (number)	Basic
nutrition3_sacharids	Saccharides (g)	text (number)	Basic
nutrition3_sacharids_md	Mono and Disaccharides (g)	text (number)	Basic
nutrition3_lactose	Lactose (g)	text (number)	Basic
nutrition3_polysach	Polysaccharides (g)	text (number)	Basic

nutrition3_fiber	Fiber (g)	text (number)	Basic
nutrition3_water	Water (g)	text (number)	Basic
nutrition3_minerals	Minerals (g)	text (number)	Basic
nutrition3_na	Sodium (mg)	text (number)	Basic
nutrition3_k	Potassium (mg)	text (number)	Basic
nutrition3_ca	Calcium (mg)	text (number)	Basic
nutrition3_mg	Magnesium (mg)	text (number)	Basic
nutrition3_p	Phosphorus (mg)	text (number)	Basic
nutrition3_fe	Iron (mg)	text (number)	Basic
nutrition3_zn	Zinc (mg)	text (number)	Basic
nutrition3_cu	Copper (mg)	text (number)	Basic
nutrition3_se	Selenium (ug)	text (number)	Basic
nutrition3_fluoride	Fluorides (ug)	text (number)	Basic
nutrition3_i	Iodine (ug)	text (number)	Basic
nutrition3_retinol	Retinol (ug)	text (number)	Basic
nutrition3_carotenoid	Carotenoids (ug)	text (number)	Basic
nutrition3_vitd	Vitamin D (ug)	text (number)	Basic
nutrition3_vite	Vitamin E (mg)	text (number)	Basic
nutrition3_thiamin	Thiamine (mg)	text (number)	Basic
nutrition3_riboflavin	Riboflavin (mg)	text (number)	Basic
nutrition3_niacin	Niacin (mg)	text (number)	Basic
nutrition3_vitb6	Vitamin B6 (mg)	text (number)	Basic
nutrition3_vitb12	Vitamin B12 (ug)	text (number)	Basic
nutrition3_folicacid	Folic acid (ug)	text (number)	Basic
nutrition3_vitc	Vitamin C (mg)	text (number)	Basic
nutrition3_purines	Purines (mg)	text (number)	Basic
nutrition3_phytines	Phytines (mg)	text (number)	Basic

2. Examinations

1. BpTRU

BpTRU is an automatic oscillometric non-invasive blood pressure measuring device. 2145 complete case reports are available.

Variable name	Parameter	Explanatory notes	Values	Type of data
bprtu_interval	Measuring interval		1, 1 minute 2, 2 minutes 3, 3 minutes 4, 4 minutes 5, 5 minutes	Basic
bptru_sys_tlak_1	Systolic blood pressure 1. valid measurement		text (integer, Min: 80, Max: 175), ACC 1.0 mmHg	Advanced
bptru_dia_tlak_1	Diastolic blood pressure 1. valid measurement		text (integer, Min: 40, Max: 120), ACC 1.0 mmHg	Advanced
bptru_puls_1	Pulse blood pressure 1. valid measurement		text (integer), ACC 1.0 bpm	Advanced
bptru_sys_tlak_2	Systolic blood pressure 2. valid measurement		text (integer, Min: 80, Max: 175), ACC 1.0 mmHg	Advanced
bptru_dia_tlak_2	Diastolic blood pressure 2. valid measurement		text (integer, Min: 40, Max: 120), ACC 1.0 mmHg	Advanced
bptru_puls_2	Pulse blood pressure 2. valid measurement		text (integer), ACC 1.0 bpm	Advanced
bptru_sys_tlak_3	Systolic blood pressure 3. valid measurement		text (integer, Min: 80, Max: 175), ACC 1.0 mmHg	Advanced
bptru_dia_tlak_3	Diastolic blood pressure 3. valid measurement		text (integer, Min: 40, Max: 120), ACC 1.0 mmHg	Advanced
bptru_puls_3	Pulse blood pressure 3. valid measurement		text (integer), ACC 1.0 bpm	Advanced
bptru_sys_tlak_4	Systolic blood pressure 4. valid measurement		text (integer, Min: 80, Max: 175), ACC 1.0 mmHg	Advanced
bptru_dia_tlak_4	Diastolic blood pressure 4. valid measurement		text (integer, Min: 40, Max: 120), ACC 1.0 mmHg	Advanced
bptru_puls_4	Pulse blood pressure 4. valid measurement		text (integer), ACC 1.0 bpm	Advanced

bptru_sys_tlak_5	Systolic blood pressure 5. valid measurement		text (integer, Min: 80, Max: 175), ACC 1.0 mmHg	Advanced
bptru_dia_tlak_5	Diastolic blood pressure 5. valid measurement		text (integer, Min: 40, Max: 120), ACC 1.0 mmHg	Advanced
bptru_puls_5	Pulse blood pressure 5. valid measurement		text (integer), ACC 1.0 bpm	Advanced
bptru_sys_tlak_avrg	Systolic blood pressure average	1. and 5. measurement excluded	calculation, ACC 1.0 mmHg	Basic
bptru_dia_tlak_avrg	Diastolic blood pressure average	1. and 5. measurement excluded	calculation, ACC 1.0 mmHg	Basic
bptru_puls_avrg	Pulse blood pressure average	1. and 5. measurement excluded	calculation, ACC 1.0 bpm	Basic

2. Anthropometric measurement

2148 complete case reports are available.

Variable name	Parameter	Explanatory notes	Values	Type of data
vyska	Height		text (integer, Min: 140, Max: 210), ACC 0.1 cm	Basic
vaha	Weight		text (integer, Min: 45, Max: 150), ACC 0.1 kg	Basic
obvod_krku	Neck circumference	Ascertained by measuring the part just below the larynx. Measured manually.	text (integer, Min: 28, Max: 60), ACC 0.1 cm	Basic
obvod_prava_paze	Right arm circumference	Ascertained by measuring from the acromion to the 1/2 point of the elbow. Measured manually.	text (number, Min: 15, Max: 50), ACC 0.1 cm	Basic
obvod_pasu	Waist circumference	Circumference in the most protruding part of the waist. Measured manually.	text (integer, Min: 58, Max: 170), ACC 0.1 cm	Basic
obvod_boku	Hip circumference	Circumference in the most protruding part of the hip. Measured manually.	text (number, Min: 58, Max: 170), ACC 0.1 cm	Basic
obvod_stehna	Right tight circumference	Ascertained by measuring from the parallel line of the navel to the 2/3 point of the knee bone. Measured manually.	text (integer, Min: 45, Max: 90), ACC 0.1 cm	Basic

3. Smokerlyzer

Measurment of the amount of exhaled CO. 2152 complete case reports are available.

Variable name	Parameter	Explanatory notes	Values	Type of data
smokelyzer	Value		text (number, Min: 0, Max: 40)	Basic

4. Ankle Dopller Ultrasound

Ankle doppler utrasound which measure blood pressure in the ankles. 2146 complete case reports are available.

Variable name	Parameter	Explanatory notes	Values	Type of data
uz_sys_tk_pk	Systolic pressure of right ankle		text (number, Min: 1, Max: 255)	Basic
uz_sys_tk_lk	Systolic pressure of left ankle		text (number, Min: 1, Max: 255)	Basic

5. Blood Pressure - Sphygmomanometer

2145 complete case reports are available.

Variable name	Parameter	Explanatory notes	Values	Type of data
tm_puls	Pulse		text (integer, Min: 45, Max: 100)	Basic
tm_sys_tlak_sed_1	Systolic blood pressure 1. valid measurement - sitting		text (integer, Min: 80, Max: 175)	Basic
tm_dia_tlak_sed_1	Diastolic blood pressure 1. valid measurement - sitting		text (integer, Min: 40, Max: 120)	Basic
tm_sys_tlak_sed_2	Systolic blood pressure 2. valid measurement - sitting		text (integer, Min: 80, Max: 175)	Basic
tm_dia_tlak_sed_2	Diastolic blood pressure 2. valid measurement - sitting		text (integer, Min: 40, Max: 120)	Basic
tm_sys_tlak_sed_3	Systolic blood pressure 3. valid measurement - sitting		text (integer, Min: 80, Max: 175)	Basic
tm_dia_tlak_sed_3	Diastolic blood pressure 3. valid measurement - sitting		text (integer, Min: 40, Max: 120)	Basic
tm_sys_tlak_leh	Systolic blood pressure - lying		text (integer, Min: 80, Max: 175)	Basic
tm_dia_tlak_sed_leh	Diastolic blood pressure - lying		text (integer, Min: 40, Max: 120)	Basic
tm_sys_tlak_stojici	Systolic blood pressure 1. valid measurement – standing, after 1 minute		text (integer, Min: 80, Max: 175)	Basic
tm_dia_tlak_stojici	Diastolic blood pressure 1. valid measurement - standing, after 1 minute		text (integer, Min: 40, Max: 120)	Basic
tm_sys_tlak_stojici_po5	Systolic blood pressure 1. valid measurement – standing, after 3 minutes		text (integer, Min: 80, Max: 175)	Basic
tm_dia_tlak_stojici_po5	Diastolic blood pressure 1. valid measurement - standing, after 3 minutes		text (integer, Min: 40, Max: 120)	Basic

6. Pedometer

168 complete case reports are available.

Variable name	Parameter	Explanatory notes	Values	Type of data
ped_pocet_kroku	Number of steps		text (integer, Min: 1000, Max: 100000)	Basic
ped_delka_kroku	Step length (cm)		text (number, Min: 50, Max: 110)	Basic
ped_pocet_hodin	Number of hours of measurement		text (number, Min: 25, Max: 320)	Basic

7. InBody

2128 complete case reports are available.

Variable name	Parameter	Explanatory notes	Values	Type of data
ib_norma_vahy	Target Weight	Inbody private formula. Ideal calculated weight.	text (number), ACC 0.1 kg	Advanced
ib_kontrola_vahy	Weight Control	Inbody formula. Weight control= ideal BMI*height^2.	text (number), ACC 0.1 kg	Advanced
ib_kontrola_tuku	Fat Control	Inbody private formula. Fat control = Calculation of the fat which needs to be reduce/gain.	text (number), ACC 0.1 kg	Advanced
ib_kontrola_svalstva	Muscle Control	Inbody private formula. Muscle control=Calculation of the muscle which needs to be reduce/gain.	text (number), ACC 0.1 kg	Advanced
ib_zhodnoc_kondice	Fitness Score	Inbody formula. Fitness score= (0.54987 * weight) + (0.01279 * SMM) - (1.85422 * BFM) + 75.67391.	text (number), ACC 1.0 point	Advanced
ib_zakl_metabol_mira	Basal Metabolic Rate	Inbody formula. Basal metabolic rate (BMR)= 21.6 x FFM(Kg)+370. For accurate value needs to be adjusted by Activity. Normal ranges can be exported.	text (number), ACC 1.0 kcal	Advanced
ib_min_kalor_potreba	Min. BMR	Inbody private formula.	text (number), ACC 1.0 kcal	Advanced
ib_max_kalor_potreba	Max. BMR	Inbody private formula.	text (number), ACC 1.0 kcal	Advanced
ib_mineral_v_kost	Bone Mineral Content	Inbody biomepedance result.Total weight of bone minerals (BMC). Normal ranges can be exported.	text (number), ACC 0.01 kg	Basic
ib_min_mineral_v_kost	Min. Bone Mineral Content	Inbody private formula.	text (number), ACC 0.01 kg	Advanced
ib_max_mineral_v_kost	Max. Bone Mineral Content	Inbody private formula.	text (number), ACC 0.01 kg	Advanced
ib_norm_mineral_v_kost	Target Bone Mineral Content	Inbody private formula.	text (number), ACC 0.01 kg	Advanced
ib_telni_bunky	Body Cell Mass	Inbody private formula. Total weight of all cell elements in the body (BCM). Normal range can be exported.	text (number), ACC 0.1 kg	Basic
ib_min_bunec_hmoty	Min. Body Cell Mass	Inbody private formula.	text (number), ACC 0.1 kg	Advanced
ib_max_teles_bunek	Max. Body Cell Mass	Inbody private formula.	text (number), ACC 0.1 kg	Advanced

ib_norm_bunec_hmoty	Target Body Cell Mass	Inbody private formula.	text (number), ACC 0.1 kg	Advanced
ib_stupen_obezity	Obesity Degree	Inbody formula. Obesity degree (OD) = (Current weight/Standard weight) * 100. Normal ranges can be export.	text (number), ACC 0.01 %	Advanced
ib_min_stupen_obezity	Min. Obesity Degree	Inbody formula minOD = 90% OD. The value always 90.	text (number), ACC 0.01 %	Advanced
ib_max_stupen_obezity	Max. Obesity Degree	Inbody formula maxOD = 110 % of OD. The value always 110.	text (number), ACC 0.01 %	Advanced
ib_oblast_utrob_tuk	Visceral Fat Area	Inbody bioimpedance result. Nomal cut off is 100 cm^2 for normal area.	text (number), ACC 0.1 cm^2	Basic
ib_such_sval_hmota	Dry Lean Mass	Inbody formula. Dry lean mass (DLM)=Weight–TBW-BFM. Dry lean mass represents weight of the protein and mineral content in the body. No normal ranges.	text (number), ACC 0.1 kg	Basic
ib_hmotnost	Weight	Inbody formula. Weight= TBW + Protein Mass + Mineral Mass + TFM. Normal ranges can be export.	text (number), ACC 0.01 kg	Basic
ib_min_hmotnost	Min. Weight	Inbody formula.Weight min= 85% of Target weight.	text (number), ACC 0.1 kg	Advanced
ib_max_hmotnost	Max. Weight	Inbody formula. Weight max= 115% of Target weight.	text (number), ACC 0.1 kg	Advanced
ib_koster_svalstvo	Skeletal Muscle Mass	Inbody bioimpedance result. Skeletal muscle mass (SMM). Normal range can be exported.	text (number), ACC 0.1 kg	Basic
ib_min_koster_svalstvo	Min. Skeletal Muscle Mass	Inbody formula. SMM min= 90% of Muscle control.	text (number), ACC 0.1 kg	Advanced
ib_max_koster_svalstvo	Max. Skeletal Muscle Mass	Inbody formula. SMM max= 110% of Muscle control.	text (number), ACC 0.1 kg	Advanced
ib_normhod_koster_sval	Target Skeletal Muscle Mass	Inbody private formula.	text (number), ACC 0.1 kg	Advanced
ib_bfm	Body Fat Mass	Inbody formula. BFM= 80subcutaneous+visceral fat. Normal ranges can be exported.	text (number), ACC 0.01 kg	Basic
ib_min_bfm	Min. Body Fat Mass	Inbody formula. BFM min for = 80% of target BFF. Target BFM for women= 23%, for men= 15 %	text (number), ACC 0.1 kg	Advanced
ib_max_bfm	Max. Body Fat Mass	Inbody formula. BFM max for = 160% of target BFF. Target BFM for women= 23%, for men= 15 %	text (number), ACC 0.1 kg	Advanced

ib_tuk_v_tele	Percent Body Fat	Inbody formula. Percent body fat (PBF)= BFM/ weight * 100. Normal range can be exported.	text (number), ACC 0.1 %	Basic
ib_min_tuk_v_tele	Min. Percent Body Fat	Inbody formula. PBF min for women= 18%, for men= 10%.	text (number), ACC 0.01 %	Advanced
ib_max_tuk_v_tele	Max. Percent Body Fat	Inbody formula. PBF min for women= 28%, for men= 20%.	text (number), ACC 0.01 %	Advanced
ib_norm_tuk_v_tele	Target Percent Body Fat	Inbody formula. TBF for women= 23%, for men=15%.	text (number), ACC 0.1 %	Advanced
ib_stupen_brisni_obez	Abdominal Obesity Degree	Inbody formula. Abdominal obesity degree (AOD)= (Current weight/norm weight) *100. Normal ranges can be exported.	text (number), ACC 0.01	Basic
ib_min_stupen_brisni_obez	Min. Abdominal Obesity Degree	Inbody formula. AOD min= 90% of AOD.	text (number), ACC 0.01	Advanced
ib_max_stupen_brisni_obez	Max. Abdominal Obesity Degree	Inbody formula. AOD max= 120% of AOD.	text (number), ACC 0.01	Advanced
ib_norm_stupen_brisni_obez	Target Abdominal Obesity Degree	Inbody formula. AOD target for women = 22%, for men =21,5%.	text (number), ACC 0.01	Advanced
ib_bmi	Body Mass Index	Official formula for BMI. Normal ranges can be exported.	text (number), ACC 0.1 kg/m^2	Basic
ib_bmi_min	Min. BMI	Inbody formula. BMI min= 18,5.	text (number), ACC 0.1 kg/m^2	Advanced
ib_bmi_max	Max. BMI	Inbody formula. BMI min= 25	text (number), ACC 0.1 kg/m^2	Advanced
ib_bmi_norm	Target BMI	Is not calculated at our study.	text (number), ACC 0.1 kg/m^2	Basic
ib_vaha_vs_norma	Current Weight Compared to Target Weight in Percentage	Inbody formula. Ratio of the current weight to the target weight *100.	text (number), ACC 0.1 %	Advanced
ib_sval_hm_pr	Right Arm Lean Mass	Inbody bioimpedance result. Lean body mass (LBM) of the right arm.	text (number), ACC 0.1 kg	Basic
ib_sval_hm_pr_proc	Lean Mass of Right Arm in Percentage	Lean body mass of the right arm in %.	text (number), ACC 0.1 %	Basic
ib_sval_hm_pr_norm	Target Lean Mass of Right Arm in Percentage	Inbody private formula.	text (number), ACC 0.1 %	Advanced
ib_sval_hm_lr	Left Arm Lean Mass	Inbody bioimpedance result. Lean body mass (LBM) of the left arm.	text (number), ACC 0.1 kg	Basic
ib_sval_hm_lr_proc	Lean Mass of Left Arm in Percentage	Lean body mass of the left arm in %.	text (number), ACC 0.1 %	Basic
ib_sval_hm_lr_norm	Target Lean Mass of Left Arm in Percentage	Inbody private formula.	text (number), ACC 0.1 %	Advanced

ib_sval_trup	Trunk Lean Mass	Inbody bioimpedance result. Lean body mass (LBM) of the trunk.	text (number), ACC 0.1 kg	Basic
ib_sval_trup_proc	Lean Mass of Trunk in Percentage	Lean body mass of the trunk in %.	text (number), ACC 0.1 %	Basic
ib_sval_trup_proc_norm	Target Lean Mass of Trunk in Percentage	Inbody private formula.	text (number), ACC 0.1 %	Advanced
ib_sval_hm_pn	Right Leg Lean Mass	Inbody bioimpedance result. Lean body mass (LBM) of the right leg.	text (number), ACC 0.1 kg	Basic
ib_sval_hm_pn_proc	Lean Mass of Right Leg in Percentage	Lean body mass of the right leg in %.	text (number), ACC 0.1 %	Basic
ib_sval_hm_pn_proc_norm	Target Lean Mass of Right Leg in Percentage	Inbody private formula.	text (number), ACC 0.1 %	Advanced
ib_sval_hm_ln	Left Leg Lean Mass	Inbody bioimpedance result. Lean body mass (LBM) of the left leg.	text (number), ACC 0.1 kg	Basic
ib_sval_hm_ln_proc	Lean Mass of Left Leg in Percentage	Lean body mass of the left leg in %.	text (number), ACC 0.1 %	Basic
ib_sval_hm_ln_proc_norm	Target Lean Mass of Left Leg in Percentage	Inbody private formula.	text (number), ACC 0.1 %	Advanced
ib_intracel_voda	Intracellular Water Mass	Inbody bioimpedance result. Intracellular water mass (ICW) Normal ranges can be exported.	text (number), ACC 0.1 l	Basic
ib_min_intracel_voda	Min. Intracellular Water Mass	Inbody private formula.	text (number), ACC 0.1 l	Advanced
ib_max_intracel_voda	Max. Intracellular Water Mass	Inbody private formula.	text (number), ACC 0.1 l	Advanced
ib_nedmer_vody_v_tele	Extracellular Water Mass	Inbody bioimpedance result. Exrtacelular water mass (ECW). Normal ranges can be exported.	text (number), ACC 0.1 l	Basic
ib_min_extracel_vody	Min. Extracellular Water Mass	Inbody private formula.	text (number), ACC 0.1 l	Advanced
ib_max_extracel_vody	Max. Extracellular Water Mass	Inbody private formula.	text (number), ACC 0.1 l	Advanced
ib_mnoztvi_protein	Protein Mass	Inbody bioimpedance result. Normal ranges can be exported.	text (number), ACC 0.1 kg	Basic
ib_min_mnoztvi_protein	Min. Protein Mass	Inbody private formula.	text (number), ACC 0.1 kg	Advanced
ib_max_mnoztvi_protein	Max. Protein Mass	Inbody private formula.	text (number), ACC 0.1 kg	Advanced
ib_mineral	Mineral Mass	Inbody bioimpedance result. Normal ranges can be exported.	text (number), ACC 0.1 kg	Basic
ib_min_mineral	Min. Mineral Mass	Inbody private formula.	text (number), ACC 0.1 kg	Advanced

ib_max_mineral	Max. Mineral Mass	Inbody private formula.	text (number), ACC 0.1 kg	Advanced
ib_celkova_voda_v_tele	Total Body Water Mass	Inbody formula. Total body water mass (TBW)= ECW+ICW.	text (number), ACC 0.1 l	Basic
ib_koster_svalstvo_tk	Skeletal Lean Mass	Inbody formula. Skeletal lean mass (SLM)= Total body water (TBW)+Proteins+ nonosseus minerals.	text (number), ACC 0.1 kg	Basic
ib_cista_hmotnost	Fat Free Mass	Inbody formula. Fat free mass (FFM)= SLM+osseus minerals.	text (number), ACC 0.1 kg	Basic
ib_norm_voda_v_tele	Target Intracellular Water Mass	Inbody private formula.	text (number), ACC 0.1 l	Advanced
ib_norm_extracel_vody	Target Extracellular Water Mass	Inbody private formula.	text (number), ACC 0.1 l	Advanced
ib_norm_voda_v_tele_tk	Target Total Body Water Mass	Inbody private formula.	text (number), ACC 0.1 l	Advanced
ib_norm_mnoztvi_protein	Target Protein Mass	Inbody private formula.	text (number), ACC 0.1 kg	Advanced
ib_norm_mineral	Target Mineral Mass	Inbody private formula.	text (number), ACC 0.1 kg	Advanced
ib_edema_index1	Edema Index 1	Inbody formula. retension of the body water (edema). Edema index 1= ECW/TBW. Normal inbody range is 0,360-0,390.	text, ACC 0.001	Basic
ib_edema_index2	Edema Index 2	Inbody formula. Retension of the body fluid. Edema index 2 = ECF/TBF. Normal inbody range is 0,310-0,350.	text, ACC 0.001	Basic
ib_edema_index_1_r_arm	Edema Index 1 of Right Arm	Inbody formula. Edema index 1 (right arm)= ECW/TBW of right arm segment. No normal ranges.	text, ACC 0.001	Advanced
ib_edema_index_1_l_arm	Edema Index 1 of Left Arm	Inbody formula. Edema index 1 (left arm)= ECW/TBW of left arm segment. No normal ranges.	text, ACC 0.001	Advanced
ib_edema_index_1_trunk	Edema Index 1 of Trunk	Inbody formula. Edema index 1 (trunk)= ECW/TBW of left trunk segment. No normal ranges.	text, ACC 0.001	Advanced
ib_edema_index_1_r_leg	Edema Index 1 of Right Leg	Inbody formula. Edema index 1 (right leg)= ECW/TBW of right leg segment. No normal ranges.	text, ACC 0.001	Advanced
ib_edema_index_1_l_leg	Edema Index 1 of Left Leg	Inbody formula. Edema index 1 (left leg)= ECW/TBW of left leg segment. No normal ranges.	text, ACC 0.001	Advanced
ib_edema_index_2_r_arm	Edema Index 2 of Right Arm	Inbody formula Edema index 2 (right arm) = ECF/TBFin the right arm segment. No normal ranges.	text, ACC 0.001	Advanced

ib_edema_index_2_l_arm	Edema Index 2 of Left Arm	Inbody formula. Edema index 2 (left arm) = ECF/TBF. in the left arm segment. No normal ranges.	text, ACC 0.001	Advanced
ib_edema_index_2_trunk	Edema Index 2 of Trunk	Inbody formula. Edema index 2 (trunk) = ECF/TBF. in the trunk segment. No normal ranges.	text, ACC 0.001	Advanced
ib_edema_index_2_l_leg	Edema Index 2 of Left Leg	Inbody formula. Edema index 2 (left leg) = ECF/TBF. in the left arm segment. No normal ranges.	text, ACC 0.001	Advanced
ib_edema_index_2_r_leg	Edema Index 2 of Right Leg	Inbody formula. Edema index 2 (right leg) = ECF/TBF. in the right leg segment. No normal ranges.	text, ACC 0.001	Advanced
ib_obvod_krk	Neck Circumference	Inbody bioimpedance result. Based on the ascertained and measuring the part just below the larynx. . No normal ranges.	text, ACC 0.1 cm	Basic
ib_obvod_hrud	Chest Circumference	Inbody bioimpedance result. Based on the ascertained and measuring the width of the chest. No normal ranges.	text, ACC 0.1 cm	Basic
ib_obvod_bricho	Abdomen Circumference	Inbody bioimpedance result. Based on the ascertained and measuring the navel line. No normal ranges.	text, ACC 0.1 cm	Basic
ib_obvod_boky	Hip Circumference	Inbody bioimpedance result. Based on the ascertained and measuring protruding part of the hip. No normal ranges.	text, ACC 0.1 cm	Basic
ib_obvod_p_r	Right Arm Circumference	Inbody bioimpedance result. Based on the ascertained and measuring from the acromion to the 1/2 point of the elbow. No normal ranges.	text, ACC 0.1 cm	Basic
ib_obvod_l_r	Left Arm Circumference	Inbody bioimpedance result. Based on the ascertained and measuring from the acromion to the 1/2 point of the elbow. No normal ranges.	text, ACC 0.1 cm	Basic
ib_obvod_l_n	Left Thigh Circumference	Inbody bioimpedance result. Based on the ascertained and measuring the point from the parallel line of the navel to the 2/3 point of the knee bone. No normal ranges.	text, ACC 0.1 cm	Basic

ib_obvod_p_n	Right Thigh Circumference	Inbody bioimpedance result. Based on the ascertained and measuring the point from the parallel line of the navel to the 2/3 point of the knee bone. No normal ranges.	text, ACC 0.1 cm	Basic
ib_edema_amc	AMC	Inbody bioimpedance result. Circumference of the left upper arm. No normal ranges.	text, ACC 0.1 cm	Advanced

8. Vasera

1833 complete case reports are available.

Variable name	Parameter	Explanatory notes	Values	Type of data
rb_sys	Right Brachial Systolic Blood Pressure		text (number), ACC 1.0 mmHg	Basic
rb_dia	Right Brachial Diastolic Blood Pressure		text (number), ACC 1.0 mmHg	Basic
rb_mean	Right Brachial Mean Blood Pressure		text (number), ACC 1.0 mmHg	Basic
rb_pp	Right Brachial Pulse Pressure		text (number), ACC 1.0 mmHg	Basic
lb_sys	Left Brachial Systolic Blood Pressure		text (number), ACC 1.0 mmHg	Basic
lb_dia	Left Brachial Diastolic Blood Pressure		text (number), ACC 1.0 mmHg	Basic
lb_mean	Left Brachial Mean Pressure		text (number), ACC 1.0 mmHg	Basic
lb_pp	Left Brachial Pulse Pressure		text (number), ACC 1.0 mmHg	Basic
ra_sys	Right Ankle Systolic Blood Pressure		text (number), ACC 1.0 mmHg	Basic
ra_dia	Right Ankle Diastolic Blood Pressure		text (number), ACC 1.0 mmHg	Basic
ra_mean	Right Ankle Mean Pressure		text (number), ACC 1.0 mmHg	Basic
ra_pp	Right Ankle Pulse Pressure		text (number), ACC 1.0 mmHg	Basic
la_sys	Left Ankle Systolic Blood Pressure		text (number), ACC 1.0 mmHg	Basic
la_dia	Left Ankle Diastolic Blood Pressure		text (number), ACC 1.0 mmHg	Basic
la_mean	Left Ankle Mean Pressure		text (number), ACC 1.0 mmHg	Basic
la_pp	Left Ankle Pulse Pressure		text (number), ACC 1.0 mmHg	Basic
r_abi	Right ABI		text (number), ACC 0.01	Advanced
l_abi	Left ABI		text (number), ACC 0.01	Advanced
hr	Heart rate		text (number), ACC 1.0 bpm	Advanced
pep	Pre-ejection Period		text (number), ACC 1.0 ms	Advanced
et	Ejection Time		text (number), ACC 1.0 ms	Advanced
pepet	Ratio of PEP/ET		text (number), ACC 0.01	Advanced
rb_ai	Augmentation Index of Right Brachial Artery		text (number), ACC 0.01	Advanced
lb_ai	Augmentation Index of Left Brachial Artery		text (number), ACC 0.01	Advanced

			text (number), ACC 1.0 ms	Advanced
rb_ut	Upstroke Time of Right Brachial Artery		text (number), ACC 1.0 ms	Advanced
lb_ut	Upstroke Time of Left Brachial Artery		text (number), ACC 1.0 ms	Advanced
ra_ut	Upstroke Time of Right Ankle Artery		text (number), ACC 1.0 ms	Advanced
la_ut	Upstroke Time of Left Ankle Artery		text (number), ACC 1.0 ms	Advanced
rb_map	%Mean Arterial Pressure of Right Brachial Artery		text (number), ACC 1.0 mmHg	Basic
lb_map	%Mean Arterial Pressure of Left Brachial Artery		text (number), ACC 1.0 mmHg	Basic
ra_map	%Mean Arterial Pressure of Right Ankle		text (number), ACC 1.0 mmHg	Basic
la_map	%Mean Arterial Pressure of Left Ankle		text (number), ACC 1.0 mmHg	Basic
r_tb	Propagation time from heart to right Brachial Artery		text (number), ACC 1.0 ms	Advanced
l_tb	Propagation time from heart to left Brachial Artery		text (number), ACC 1.0 ms	Advanced
r_tba	Propagation time from Brachial Artery to right Ankle		text (number), ACC 1.0 ms	Advanced
l_tba	Propagation time from Brachial Artery to left Ankle		text (number), ACC 1.0 ms	Advanced
r_cavi	Right side CAVI		text (number), ACC 0.01	Basic
l_cavi	Left side CAVI		text (number), ACC 0.01	Basic
estimatedager_cavi	Estimated Age calculated from R-CAVI		text (number), ACC 1.0 year	Advanced
estimatedagel_cavi	Estimated Age calculated from L-CAVI		text (number), ACC 1.0 year	Advanced

9. Carotid Ultrasound

854 complete case reports are available.

Variable name	Parameter	Explanatory notes	Values	Type of data
carotid_qimt_avg	Average value of QIMT of both sides of carotids (2 values)	QIMT - Quality intima media thickness (official parameters name by ESAOTE)	text (number), ACC 1.0 um	Basic
carotid_qimt_rf	Maximum measured value of QIMT on both carotids	RF - radio frequency (ESOTE certified technique of obtaining QIMT)	text (number), ACC 1.0 um	Basic
carotid_qimt_sd	Standard deviation of the QIMT (RF)		text (number), ACC 0.01 mm	Advanced
carotid_diam	Maximum measured diameter of the lumen on both carotids		text (number), ACC 1.0 mm	Basic
carotid_diam_sd	Standard deviation of the lumen diameter		text (number), ACC 0.01 mm	Advanced
carotid_width	Area of interest	Technical parameter (standard 14mm)	text (number), ACC 1.0 mm	Basic
carotid_exp_qimt	Expected QIMT	ESAOTE private formula based on gender, age and ethnicity.	text (number), ACC 1.0 um	Advanced

10. Laboratory

2025 complete case reports are available.

Variable name	Parameter	Reference range	Values	Type of data
lab_date	Date of examination		text (date)	Basic
	Blood			
lab_hem	Glycated haemoglobin HbA1c (mmol/mol)	20 – 42 43 – 53 (diabetic)	text (number, Min: 0, Max: 100)	Basic
lab_glucose	Glycaemia (mmol/l)	3.9 – 5.6	text (number, Min: 0, Max: 100)	Basic
lab_urea	Urea (mmol/l)	2:8 – 8.1	text (number, Min: 0, Max: 20)	Basic
lab_creatinine_b	Creatinine from blood (umol/l)	59 – 104 (men) 45 – 84 (women)	text (number, Min: 30, Max: 350)	Basic
lab_egfr	Glom. filtration estimation CKD-EPI (ml/s/1.73m2)	> 1.0 (age 18 – 150)	text (number, Min: 0, Max: 5)	Basic
lab_chol_total	Total cholesterol (mmol/l)	2.9 – 5.0	text (number, Min: 0, Max: 30)	Basic
lab_tag	Triglycerides (mmol/l)	0.45- 1.70	text (number, Min: 0, Max: 80)	Basic
lab_hdl	HDL cholesterol (mmol/l)	1.0 – 2.1 (men) 1.2 – 2.7 (women)	text (number, Min: 0, Max: 10)	Basic
lab_ldl	LDL cholesterol (mmol/l)	1.2 – 3.0	text (number, Min: 0, Max: 10)	Basic
lab_total_hdl	Total cholesterol/HDL cholesterol	1.0 – 5.0	text (number, Min: 0, Max: 15)	Basic
lab_nonhdl	non-HDL cholesterol (mmol/l)	1:0 – 3.8	text (number, Min: 0, Max: 15)	Basic
lab_apo_a1	Apo-lipoprotein A1(g/l)	1.0 – 1.7 (men) 1.1 – 1.9 (women)	text (number, Min: 0, Max: 10)	Basic
lab_apo_b	Apo-lipoprotein B (g/l)	0.5 – 1.0	text (number, Min: 0, Max: 10)	Basic
	Urine			
lab_proteins	Total proteins (mg/l)	0 – 150	text (number, Min: 0, Max: 3000)	Basic
lab_albuminuria	Albuminuria (mg/l)	0 – 30	text (number, Min: 0, Max: 2000)	Basic
lab_acr	ACR (mg/mmol)	0.0 – 2.5 (men) 0.0 – 3.5 (women)	text (number, Min: 0, Max: 120)	Basic
lab_creatinine_u	Creatinine from urine (mmol/l)		text (number, Min: 0, Max: 100)	Basic
lab_ef	The fractional excretion of water (%)	1.0 – 2.0	text (number, Min: 0, Max: 10)	Basic

11. Samples

Sample type	Question	Number of participants (with unused samples)	Number of participants (with residues)	Average volume per one sample	Unit
Serum	For how many participants we have a serum sample?	2088	354	1.5 ± 0.3	ml
Plasma	For how many participants we have a plasma sample?	2090	0	1.5 ± 0.3	ml
DNA	For how many participants we have a DNA sample?	2092	0	550	ul

3. Results from analyses

In this chapter are variables from analyses that were performed with the Kardiovize Data.

The name of the analysis, the name of the researcher, and any outputs of the project (if are available) are given for each analysis.

1. Lipidomic Analysis

Irma Magaly Rivas Serna, April 2020

Lipidomic analysis were performed in the Relative values (mass spectrometry response of each individual lipid was used and converted to percentage) and in the Absolute values (A standard curve was run and values are expressed as concentration/volume of serum blood (mol/L)).

259 complete cases reports are available.

NOMENCLATURE:

SM = Sphingomyelin, CER = Ceramide, LPE = Lysophosphatidylethanolamine, LPC = Lysophosphatidylcholine, PC = Phosphatidylcholine, PE = Phosphatidylethanolamine

Variable name	Parameter	Explanatory notes	Values	Type of data
	Absolute values			
lipid_check	Was the Lipidomic analysis performed?		1, Yes 2, No	Basic
lip_abs_cer_1	CER (d18:1/16:0)		text (number) [µmol]	Advanced
lip_abs_cer_2	CER (d18:1/18:0)		text (number) [µmol]	Advanced
lip_abs_cer_3	CER (d18:1/24:0)		text (number) [µmol]	Advanced
lip_abs_cer_4	CER (d18:1/24:1)		text (number) [µmol]	Advanced
lip_abs_cer_total	TOTAL SUM OF CER		text (number) [µmol]	Advanced
lip_abs_sm_1	SM (d18:1/14:0)		text (number) [µmol]	Advanced
lip_abs_sm_2	SM (d18:1/16:0)		text (number) [µmol]	Advanced
lip_abs_sm_3	SM (d18:1/18:0)		text (number) [µmol]	Advanced
lip_abs_sm_4	SM (d18:1/18:1)		text (number) [µmol]	Advanced
lip_abs_sm_5	SM (d18:1/20:0)		text (number) [µmol]	Advanced
lip_abs_sm_6	SM (d18:1/20:1)		text (number) [µmol]	Advanced
lip_abs_sm_7	SM (d18:1/22:1)		text (number) [µmol]	Advanced
lip_abs_sm_8	SM (d18:1/24:0)		text (number) [µmol]	Advanced

lip_abs_sm_9	SM (d18:1/24:1)		text (number) [µmol]	Advanced
lip_abs_sm_10	SM (d18:1/26:1)		text (number) [µmol]	Advanced
lip_abs_sm_total	TOTAL SUM OF SM		text (number) [µmol]	Advanced
lip_abs_lpe_1	LPE (16:0)		text (number) [µmol]	Advanced
lip_abs_lpe_2	LPE (16:1)		text (number) [µmol]	Advanced
lip_abs_lpe_3	LPE (18:0)		text (number) [µmol]	Advanced
lip_abs_lpe_4	LPE (18:1)		text (number) [µmol]	Advanced
lip_abs_lpe_5	LPE (18:2)		text (number) [µmol]	Advanced
lip_abs_lpe_6	LPE (18:3)		text (number) [µmol]	Advanced
lip_abs_lpe_7	LPE (20:0)		text (number) [µmol]	Advanced
lip_abs_lpe_8	LPE (20:1)		text (number) [µmol]	Advanced
lip_abs_lpe_9	LPE (20:2)		text (number) [µmol]	Advanced
lip_abs_lpe_10	LPE (20:3)		text (number) [µmol]	Advanced
lip_abs_lpe_11	LPE (20:4)		text (number) [µmol]	Advanced
lip_abs_lpe_12	LPE (20:5)		text (number) [µmol]	Advanced
lip_abs_lpe_13	LPE (22:4)		text (number) [µmol]	Advanced
lip_abs_lpe_14	LPE (22:5)		text (number) [µmol]	Advanced
lip_abs_lpe_15	LPE (22:6)		text (number) [µmol]	Advanced
lip_abs_lpe_total	TOTAL SUM OF LPE		text (number) [µmol]	Advanced
lip_abs_lpc_1	LPC (14:0)		text (number) [µmol]	Advanced
lip_abs_lpc_2	LPC (16:0)		text (number) [µmol]	Advanced
lip_abs_lpc_3	LPC (16:1)		text (number) [µmol]	Advanced
lip_abs_lpc_4	LPC (18:0)		text (number) [µmol]	Advanced
lip_abs_lpc_5	LPC (18:1)		text (number) [µmol]	Advanced
lip_abs_lpc_6	LPC (18:2)		text (number) [µmol]	Advanced
lip_abs_lpc_7	LPC (18:3)		text (number) [µmol]	Advanced
lip_abs_lpc_8	LPC (20:0)		text (number) [µmol]	Advanced
lip_abs_lpc_9	LPC (20:1)		text (number) [µmol]	Advanced
lip_abs_lpc_10	LPC (20:2)		text (number) [µmol]	Advanced
lip_abs_lpc_11	LPC (20:3)		text (number) [µmol]	Advanced

lip_abs_lpc_12	LPC (20:4)	text (number) [µmol]	Advanced
lip_abs_lpc_13	LPC (20:5)	text (number) [µmol]	Advanced
lip_abs_lpc_14	LPC (22:4)	text (number) [µmol]	Advanced
lip_abs_lpc_15	LPC (22:5)	text (number) [µmol]	Advanced
lip_abs_lpc_16	LPC (22:6)	text (number) [µmol]	Advanced
lip_abs_lpc_17	LPC (22:0)	text (number) [µmol]	Advanced
lip_abs_lpc_total	TOTAL SUM OF LPC	text (number) [µmol]	Advanced
lip_abs_pc_1	PC (14:1/14:1)	text (number) [µmol]	Advanced
lip_abs_pc_2	PC (16:0/14:0)	text (number) [µmol]	Advanced
lip_abs_pc_3	PC (16:0/16:1)	text (number) [µmol]	Advanced
lip_abs_pc_4	PC (16:0/18:0)	text (number) [µmol]	Advanced
lip_abs_pc_5	PC (16:0/18:1)	text (number) [µmol]	Advanced
lip_abs_pc_6	PC (16:0/18:2)	text (number) [µmol]	Advanced
lip_abs_pc_7	PC (16:0/20:2)	text (number) [µmol]	Advanced
lip_abs_pc_8	PC (16:0/20:5)	text (number) [µmol]	Advanced
lip_abs_pc_9	PC (16:0/22:4)	text (number) [µmol]	Advanced
lip_abs_pc_10	PC (16:1/18:2)	text (number) [µmol]	Advanced
lip_abs_pc_11	PC (18:0/14:0)	text (number) [µmol]	Advanced
lip_abs_pc_12	PC (18:0/18:0)	text (number) [µmol]	Advanced
lip_abs_pc_13	PC (18:0/20:0)	text (number) [µmol]	Advanced
lip_abs_pc_14	PC (18:0/20:1)	text (number) [µmol]	Advanced
lip_abs_pc_15	PC (18:0/20:2)	text (number) [µmol]	Advanced
lip_abs_pc_16	PC (18:0/20:3)	text (number) [µmol]	Advanced
lip_abs_pc_17	PC (18:0/20:5)	text (number) [µmol]	Advanced
lip_abs_pc_18	PC (18:0/22:4)	text (number) [µmol]	Advanced
lip_abs_pc_19	PC (18:1/18:2)	text (number) [µmol]	Advanced
lip_abs_pc_20	PC (18:1/18:3)	text (number) [µmol]	Advanced
lip_abs_pc_21	PC (18:1/20:5)	text (number) [µmol]	Advanced
lip_abs_pc_22	PC (18:1/22:4)	text (number) [µmol]	Advanced
lip_abs_pc_23	PC (18:1/22:5)	text (number) [µmol]	Advanced

lip_abs_pc_24	PC (18:2/20:5)		text (number) [µmol]	Advanced
lip_abs_pc_25	PC (18:2/22:5)		text (number) [µmol]	Advanced
lip_abs_pc_26	PC (18:2/22:6)		text (number) [µmol]	Advanced
lip_abs_pc_27	PC (20:0/20:1)		text (number) [µmol]	Advanced
lip_abs_pc_28	PC (20:0/20:2)		text (number) [µmol]	Advanced
lip_abs_pc_29	PC (20:0/20:3)		text (number) [µmol]	Advanced
lip_abs_pc_30	PC (20:0/22:4)		text (number) [µmol]	Advanced
lip_abs_pc_31	PC (20:0/22:5)		text (number) [µmol]	Advanced
lip_abs_pc_32	PC (20:0/22:6)		text (number) [µmol]	Advanced
lip_abs_pc_total	TOTAL SUM OF PC		text (number) [µmol]	Advanced
lip_abs_pe_1	PE (16:0/16:0)		text (number) [µmol]	Advanced
lip_abs_pe_2	PE (16:0/16:1)		text (number) [µmol]	Advanced
lip_abs_pe_3	PE (16:0/18:1)		text (number) [µmol]	Advanced
lip_abs_pe_4	PE (16:0/18:2)		text (number) [µmol]	Advanced
lip_abs_pe_5	PE (16:0/20:1)		text (number) [µmol]	Advanced
lip_abs_pe_6	PE (16:0/20:2)		text (number) [µmol]	Advanced
lip_abs_pe_7	PE (16:0/20:3)		text (number) [µmol]	Advanced
lip_abs_pe_8	PE (18:0/16:0)		text (number) [µmol]	Advanced
lip_abs_pe_9	PE (18:0/18:0)		text (number) [µmol]	Advanced
lip_abs_pe_10	PE (18:0/18:2)		text (number) [µmol]	Advanced
lip_abs_pe_11	PE (18:0/20:5)		text (number) [µmol]	Advanced
lip_abs_pe_12	PE (18:0/22:4)		text (number) [µmol]	Advanced
lip_abs_pe_13	PE (18:1/20:1)		text (number) [µmol]	Advanced
lip_abs_pe_14	PE (18:1/22:4)		text (number) [µmol]	Advanced
lip_abs_pe_15	PE (18:1/22:6)		text (number) [µmol]	Advanced
lip_abs_pe_16	PE (18:2/16:1)		text (number) [µmol]	Advanced
lip_abs_pe_17	PE (18:2/18:2)		text (number) [µmol]	Advanced
lip_abs_pe_18	PE (18:2/18:3)		text (number) [µmol]	Advanced
lip_abs_pe_19	PE (18:2/20:1)		text (number) [µmol]	Advanced
lip_abs_pe_20	PE (18:2/20:2)		text (number) [µmol]	Advanced

lip_abs_pe_21	PE (18:2/20:4)		text (number) [µmol]	Advanced
lip_abs_pe_22	PE (18:2/20:5)		text (number) [µmol]	Advanced
lip_abs_pe_23	PE (18:2/22:6)		text (number) [µmol]	Advanced
lip_abs_pe_total	TOTAL SUM OF PE		text (number) [µmol]	Advanced
	Relative value			
lip_rel_sm_1	SM (d18:1/14:0)		text (number)	Advanced
lip_rel_sm_2	SM (d18:1/16:0)		text (number)	Advanced
lip_rel_sm_3	SM (d18:1/18:0)		text (number)	Advanced
lip_rel_sm_4	SM (d18:1/18:1)		text (number)	Advanced
lip_rel_sm_5	SM (d18:1/20:0)		text (number)	Advanced
lip_rel_sm_6	SM (d18:1/20:1)		text (number)	Advanced
lip_rel_sm_7	SM (d18:1/22:1)		text (number)	Advanced
lip_rel_sm_8	SM (d18:1/24:0)		text (number)	Advanced
lip_rel_sm_9	SM (d18:1/24:1)		text (number)	Advanced
lip_rel_sm_10	SM (d18:1/26:1)		text (number)	Advanced
lip_rel_sm_total	SM TOTAL	100% of SM	text (number)	Advanced
lip_rel_cer_1	CER (d18:1/14:0)		text (number)	Advanced
lip_rel_cer_2	CER (d18:1/16:0)		text (number)	Advanced
lip_rel_cer_3	CER (d18:1/18:0)		text (number)	Advanced
lip_rel_cer_4	CER (d18:1/20:0)		text (number)	Advanced
lip_rel_cer_5	CER (d18:1/20:1)		text (number)	Advanced
lip_rel_cer_6	CER (d18:1/22:0)		text (number)	Advanced
lip_rel_cer_7	CER (d18:1/22:1)		text (number)	Advanced
lip_rel_cer_8	CER (d18:1/24:0)		text (number)	Advanced
lip_rel_cer_9	CER (d18:1/24:1)		text (number)	Advanced
lip_rel_cer_10	CER (d18:1/26:0)		text (number)	Advanced
lip_rel_cer_11	CER (d18:1/26:1)		text (number)	Advanced
lip_rel_cer_total	CER TOTAL	100% of CER	text (number)	Advanced
lip_rel_lpe_1	LPE (16:0)		text (number)	Advanced
lip_rel_lpe_2	LPE (16:1)		text (number)	Advanced

lip_rel_lpe_3	LPE (18:0)		text (number)	Advanced
lip_rel_lpe_4	LPE (18:1)		text (number)	Advanced
lip_rel_lpe_5	LPE (18:2)		text (number)	Advanced
lip_rel_lpe_6	LPE (18:3)		text (number)	Advanced
lip_rel_lpe_7	LPE (20:0)		text (number)	Advanced
lip_rel_lpe_8	LPE (20:1)		text (number)	Advanced
lip_rel_lpe_9	LPE (20:2)		text (number)	Advanced
lip_rel_lpe_10	LPE (20:3)		text (number)	Advanced
lip_rel_lpe_11	LPE (20:4)		text (number)	Advanced
lip_rel_lpe_12	LPE (20:5)		text (number)	Advanced
lip_rel_lpe_13	LPE (22:4)		text (number)	Advanced
lip_rel_lpe_14	LPE (22:5)		text (number)	Advanced
lip_rel_lpe_15	LPE (22:6)		text (number)	Advanced
lip_rel_lpe_total	LPE TOTAL	100% of LPE	text (number)	Advanced
lip_rel_lpc_1	LPC (14:0)		text (number)	Advanced
lip_rel_lpc_2	LPC (16:0)		text (number)	Advanced
lip_rel_lpc_3	LPC (16:1)		text (number)	Advanced
lip_rel_lpc_4	LPC (18:0)		text (number)	Advanced
lip_rel_lpc_5	LPC (18:1)		text (number)	Advanced
lip_rel_lpc_6	LPC (18:2)		text (number)	Advanced
lip_rel_lpc_7	LPC (18:3)		text (number)	Advanced
lip_rel_lpc_8	LPC (20:0)		text (number)	Advanced
lip_rel_lpc_9	LPC (20:1)		text (number)	Advanced
lip_rel_lpc_10	LPC (20:2)		text (number)	Advanced
lip_rel_lpc_11	LPC (20:3)		text (number)	Advanced
lip_rel_lpc_12	LPC (20:4)		text (number)	Advanced
lip_rel_lpc_13	LPC (20:5)		text (number)	Advanced
lip_rel_lpc_14	LPC (22:4)		text (number)	Advanced
lip_rel_lpc_15	LPC (22:5)		text (number)	Advanced
lip_rel_lpc_16	LPC (22:6)		text (number)	Advanced

lip_rel_lpc_17	LPC (22:0)		text (number)	Advanced
lip_rel_lpc_total	LPC TOTAL	100% of LPC	text (number)	Advanced
lip_rel_pc_1	PC (14:1/14:1)		text (number)	Advanced
lip_rel_pc_2	PC (16:0/14:0)		text (number)	Advanced
lip_rel_pc_3	PC (16:0/16:1)		text (number)	Advanced
lip_rel_pc_4	PC (16:0/18:0)		text (number)	Advanced
lip_rel_pc_5	PC (16:0/18:1)		text (number)	Advanced
lip_rel_pc_6	PC (16:0/18:2)		text (number)	Advanced
lip_rel_pc_7	PC (16:0/20:2)		text (number)	Advanced
lip_rel_pc_8	PC (16:0/20:5)		text (number)	Advanced
lip_rel_pc_9	PC (16:0/22:4)		text (number)	Advanced
lip_rel_pc_10	PC (16:1/18:2)		text (number)	Advanced
lip_rel_pc_11	PC (18:0/14:0)		text (number)	Advanced
lip_rel_pc_12	PC (18:0/18:0)		text (number)	Advanced
lip_rel_pc_13	PC (18:0/20:0)		text (number)	Advanced
lip_rel_pc_14	PC (18:0/20:1)		text (number)	Advanced
lip_rel_pc_15	PC (18:0/20:2)		text (number)	Advanced
lip_rel_pc_16	PC (18:0/20:3)		text (number)	Advanced
lip_rel_pc_17	PC (18:0/20:5)		text (number)	Advanced
lip_rel_pc_18	PC (18:0/22:4)		text (number)	Advanced
lip_rel_pc_19	PC (18:1/18:2)		text (number)	Advanced
lip_rel_pc_20	PC (18:1/18:3)		text (number)	Advanced
lip_rel_pc_21	PC (18:1/20:5)		text (number)	Advanced
lip_rel_pc_22	PC (18:1/22:4)		text (number)	Advanced
lip_rel_pc_23	PC (18:1/22:5)		text (number)	Advanced
lip_rel_pc_24	PC (18:2/20:5)		text (number)	Advanced
lip_rel_pc_25	PC (18:2/22:5)		text (number)	Advanced
lip_rel_pc_26	PC (18:2/22:6)		text (number)	Advanced
lip_rel_pc_27	PC (20:0/20:1)		text (number)	Advanced
lip_rel_pc_28	PC (20:0/20:2)		text (number)	Advanced

lip_rel_pc_29	PC (20:0/20:3)		text (number)	Advanced
lip_rel_pc_30	PC (20:0/22:4)		text (number)	Advanced
lip_rel_pc_31	PC (20:0/22:5)		text (number)	Advanced
lip_rel_pc_32	PC (20:0/22:6)		text (number)	Advanced
lip_rel_pc_total	PC TOTAL	100% of PC	text (number)	Advanced
lip_rel_pe_1	PE (16:0/16:0)		text (number)	Advanced
lip_rel_pe_2	PE (16:0/16:1)		text (number)	Advanced
lip_rel_pe_3	PE (16:0/18:1)		text (number)	Advanced
lip_rel_pe_4	PE (16:0/18:2)		text (number)	Advanced
lip_rel_pe_5	PE (16:0/20:1)		text (number)	Advanced
lip_rel_pe_6	PE (16:0/20:2)		text (number)	Advanced
lip_rel_pe_7	PE (16:0/20:3)		text (number)	Advanced
lip_rel_pe_8	PE (18:0/16:0)		text (number)	Advanced
lip_rel_pe_9	PE (18:0/18:0)		text (number)	Advanced
lip_rel_pe_10	PE (18:0/18:2)		text (number)	Advanced
lip_rel_pe_11	PE (18:0/20:5)		text (number)	Advanced
lip_rel_pe_12	PE (18:0/22:4)		text (number)	Advanced
lip_rel_pe_13	PE (18:1/20:1)		text (number)	Advanced
lip_rel_pe_14	PE (18:1/22:4)		text (number)	Advanced
lip_rel_pe_15	PE (18:1/22:6)		text (number)	Advanced
lip_rel_pe_16	PE (18:2/16:1)		text (number)	Advanced
lip_rel_pe_17	PE (18:2/18:2)		text (number)	Advanced
lip_rel_pe_18	PE (18:2/18:3)		text (number)	Advanced
lip_rel_pe_19	PE (18:2/20:1)		text (number)	Advanced
lip_rel_pe_20	PE (18:2/20:2)		text (number)	Advanced
lip_rel_pe_21	PE (18:2/20:4)		text (number)	Advanced
lip_rel_pe_22	PE (18:2/20:5)		text (number)	Advanced
lip_rel_pe_23	PE (18:2/22:6)		text (number)	Advanced
lip_rel_pe_total	PE TOTAL	100% of PE	text (number)	Advanced
lip_rel_total_sm	TOTAL SM =	Percentage of SM from the total amount	text (number)	Advanced

lip_rel_total_cer	TOTAL CER	Percentage of CER from the total amount	text (number)	Advanced
lip_rel_total_lpe	TOTAL LPE	Percentage of LPE from the total amount	text (number)	Advanced
lip_rel_total_lpc	TOTAL LPC	Percentage of LPC from the total amount	text (number)	Advanced
lip_rel_total_pc	TOTAL PC	Percentage of PC from the total amount	text (number)	Advanced
lip_rel_total_pe	TOTAL PE	Percentage of PE from the total amount	text (number)	Advanced
lip_rel_total_all	TOTAL	Total amount	text (number)	Advanced
	Ceramides Ratio			
lip_cer_ratio_1	CER (d18:1/16:0) /(d18:1/24:0)		text (number)	Advanced
lip_cer_ratio_2	CER (d18:1/18:0) /(d18:1/24:0)		text (number)	Advanced
lip_cer_ratio_3	CER (d18:1/24:1) /(d18:1/24:0)		text (number)	Advanced
lip_cer_ratio_4	CER (d18:1/14:0)		text (number) [nmol/l]	Advanced
lip_cer_ratio_5	CER (d18:1/20:0)		text (number) [nmol/l]	Advanced
lip_cer_ratio_6	CER (d18:1/20:1)		text (number) [nmol/l]	Advanced
lip_cer_ratio_7	CER (d18:1/22:0)		text (number) [nmol/l]	Advanced
lip_cer_ratio_8	CER (d18:1/22:1)		text (number) [nmol/l]	Advanced
lip_cer_ratio_9	CER (d18:1/26:0)		text (number) [nmol/l]	Advanced
lip_cer_ratio_10	CER (d18:1/26:1)		text (number) [nmol/l]	Advanced

2. Genetic Analysis

Dr. Manlio Vinciguerra, January 2021

Dr. Ondřej Sochor, January 2021

Part A)

SNPs for CVD (data obtained from Ondrej Sochor through Prof. Olle Melander (Lund University, Malmo Sweden) – methods identical as in Malmo Diet and Cohort Study). SNP is stated for each sample and the nucleotide bases are shown for each SNP for every sample. The summary table containing Success rate (%) and Risk score for every SNP is attached for every export. In codebook this table is written in Additional information about SNP column. <mark>Potřeba doplnit vice informací o tom, jak bylo počítáno success rate a risk score.</mark>

2095 complete cases reports are available.

Variable name	Parameter	Additional information about SNP	Values	Type of data
pharma_yn	Was the Pharmacogenetics analysis performed?		1, Yes 2, No	Basic
rs10010131	rs10010131	Success rate: **95,5 %**, Risk score: **T2D_GRS48**	text (A, T, C, G)	Advanced
rs1011731	rs1011731	Success rate: **95.52%**, Risk score: **WHR_GRS15**	text (A, T, C, G)	Advanced
rs10150332	rs10150332	Success rate: **94.33%**, Risk score: **BMI_GRS31**	text (A, T, C, G)	Advanced
rs10195252	rs10195252	Success rate: **93.66%**, Risk score: **WHR_GRS15**	text (A, T, C, G)	Advanced
rs10401969	rs10401969	Success rate: **96.67%**, Risk score: **TG_GRS26; LDL_GRS32; T2D_GRS48**	text (A, T, C, G)	Advanced
rs1042034	rs1042034	Success rate: **95.05%**, Risk score: **TG_GRS26; HDL_GRS41**	text (A, T, C, G)	Advanced
rs10455872	rs10455872	Success rate: **96.81%**, Risk score: **CHD_GRS27**	text (A, T, C, G)	Advanced
rs10490626	rs10490626	Success rate: **95.28%**, Risk score: **LDL_GRS52**	text (A, T, C, G)	Advanced
rs1055144	rs1055144	Success rate: **94.62%**, Risk score: **WHR_GRS15**	text (A, T, C, G)	Advanced
rs10767664	rs10767664	Success rate: **95.66%**, Risk score: **BMI_GRS31**	text (A, T, C, G)	Advanced
rs10811661	rs10811661	Success rate: **96.52%**, Risk score: **T2D_GRS48**	text (A, T, C, G)	Advanced
rs10830963	rs10830963	Success rate: **93.38%**, Risk score: **T2D_GRS48; FG_GRS15**	text (A, T, C, G)	Advanced
rs10842994	rs10842994	Success rate: **96.14%**, Risk score: **T2D_GRS48**	text (A, T, C, G)	Advanced
rs10850411	rs10850411	Success rate: **34.06%**, Risk score: **BP_GRS29**	text (A, T, C, G)	Advanced
rs10885122	rs10885122	Success rate: **96.09%**, Risk score: **FG_GRS15**	text (A, T, C, G)	Advanced
rs10923931	rs10923931	Success rate: **94.62%**, Risk score: **T2D_GRS48**	text (A, T, C, G)	Advanced
rs10938397	rs10938397	Success rate: **96.09%**, Risk score: **BMI_GRS31**	text (A, T, C, G)	Advanced

rs10947789	rs10947789	Success rate: **90.09%**, Risk score: **CHD_GRS50**	text (A, T, C, G)	Advanced
rs10953541	rs10953541	Success rate: **92.76%**, Risk score: **CHD_GRS50**	text (A, T, C, G)	Advanced
rs10968576	rs10968576	Success rate: **94.47%**, Risk score: **BMI_GRS31**	text (A, T, C, G)	Advanced
rs11065987	rs11065987	Success rate: **93.33%**, Risk score: **LDL_GRS32**	text (A, T, C, G)	Advanced
rs11071657	rs11071657	Success rate: **95.47%**, Risk score: **FG_GRS15**	text (A, T, C, G)	Advanced
rs1111875	rs1111875	Success rate: **32.4%**, Risk score: **T2D_GRS48**	text (A, T, C, G)	Advanced
rs11191548	rs11191548	Success rate: **96.33%**, Risk score: **BP_GRS29**	text (A, T, C, G)	Advanced
rs11206510	rs11206510	Success rate: **94.81%**, Risk score: **CHD_GRS27**	text (A, T, C, G)	Advanced
rs11220462	rs11220462	Success rate: **96.14%**, Risk score: **LDL_GRS32**	text (A, T, C, G)	Advanced
rs11226029	rs11226029	Success rate: **96.47%**, Risk score: **CHD_GRS50**	text (A, T, C, G)	Advanced
rs1122608	rs1122608	Success rate: **95.81%**, Risk score: **CHD_GRS27**	text (A, T, C, G)	Advanced
rs1153188	rs1153188	Success rate: **92.76%**, Risk score: **T2D_GRS48**	text (A, T, C, G)	Advanced
rs11556924	rs11556924	Success rate: **94.76%**, Risk score: **CHD_GRS27**	text (A, T, C, G)	Advanced
rs11605924	rs11605924	Success rate: **95.38%**, Risk score: **FG_GRS15**	text (A, T, C, G)	Advanced
rs11613352	rs11613352	Success rate: **89.33%**, Risk score: **TG_GRS26; HDL_GRS41**	text (A, T, C, G)	Advanced
rs11634397	rs11634397	Success rate: **93.19%**, Risk score: **T2D_GRS48**	text (A, T, C, G)	Advanced
rs11649653	rs11649653	Success rate: **96.33%**, Risk score: **TG_GRS26**	text (A, T, C, G)	Advanced
rs1169288	rs1169288	Success rate: **92.14%**, Risk score: **LDL_GRS32**	text (A, T, C, G)	Advanced
rs11708067	rs11708067	Success rate: **95.9%**, Risk score: **T2D_GRS48; FG_GRS15**	text (A, T, C, G)	Advanced
rs1173771	rs1173771	Success rate: **94.47%**, Risk score: **BP_GRS29**	text (A, T, C, G)	Advanced
rs11776767	rs11776767	Success rate: **31.97%**, Risk score: **TG_GRS26**	text (A, T, C, G)	Advanced
rs11847697	rs11847697	Success rate: **95.43%**, Risk score: **BMI_GRS31**	text (A, T, C, G)	Advanced
rs11869286	rs11869286	Success rate: **93.76%**, Risk score: **HDL_GRS41**	text (A, T, C, G)	Advanced
rs11920090	rs11920090	Success rate: **94.66%**, Risk score: **FG_GRS15**	text (A, T, C, G)	Advanced
rs11953630	rs11953630	Success rate: **96.47%**, Risk score: **BP_GRS29**	text (A, T, C, G)	Advanced
rs11984041	rs11984041	Success rate: **95.33%**, Risk score: **CHD_GRS50**	text (A, T, C, G)	Advanced
rs12027135	rs12027135	Success rate: **73.99%**, Risk score: **LDL_GRS32**	text (A, T, C, G)	Advanced
rs12190287	rs12190287	Success rate: **95.05%**, Risk score: **CHD_GRS27**	text (A, T, C, G)	Advanced
rs12328675	rs12328675	Success rate: **94.85%**, Risk score: **HDL_GRS41**	text (A, T, C, G)	Advanced
rs12413409	rs12413409	Success rate: **96.52%**, Risk score: **CHD_GRS27**	text (A, T, C, G)	Advanced
rs12444979	rs12444979	Success rate: **92.81%**, Risk score: **BMI_GRS31**	text (A, T, C, G)	Advanced
rs1250229	rs1250229	Success rate: **32.63%**, Risk score: **LDL_GRS52**	text (A, T, C, G)	Advanced
rs12526453	rs12526453	Success rate: **95.19%**, Risk score: **CHD_GRS27**	text (A, T, C, G)	Advanced
rs12571751	rs12571751	Success rate: **95%**, Risk score: **T2D_GRS48**	text (A, T, C, G)	Advanced

rs1260326	rs1260326	Success rate: **93.95%,** Risk score: **TG_GRS26**	text (A, T, C, G)	Advanced
rs12670798	rs12670798	Success rate: **93.33%**, Risk score: **LDL_GRS32**	text (A, T, C, G)	Advanced
rs12678919	rs12678919	Success rate: **74.27%**, Risk score: **TG_GRS26; HDL_GRS41**	text (A, T, C, G)	Advanced
rs12748152	rs12748152	Success rate: **97.24%,** Risk score: **LDL_GRS52**	text (A, T, C, G)	Advanced
rs12779790	rs12779790	Success rate: **70.32%**, Risk score: **T2D_GRS48**	text (A, T, C, G)	Advanced
rs12916	rs12916	Success rate: **93.85%**, Risk score: **LDL_GRS32**	text (A, T, C, G)	Advanced
rs12936587	rs12936587	Success rate: **94.33%**, Risk score: **CHD_GRS27**	text (A, T, C, G)	Advanced
rs1294421	rs1294421	Success rate: **95.76%**, Risk score: **WHR_GRS15**	text (A, T, C, G)	Advanced
rs12946454	rs12946454	Success rate: **92.52%**, Risk score: **BP_GRS29**	text (A, T, C, G)	Advanced
rs12967135	rs12967135	Success rate: **93.38%**, Risk score: **HDL_GRS41**	text (A, T, C, G)	Advanced
rs12970134	rs12970134	Success rate: **93.09%**, Risk score: **T2D_GRS48**	text (A, T, C, G)	Advanced
rs13078807	rs13078807	Success rate: **96.19%**, Risk score: **BMI_GRS31**	text (A, T, C, G)	Advanced
rs13082711	rs13082711	Success rate: **94.76%**, Risk score: **BP_GRS29**	text (A, T, C, G)	Advanced
rs13107325	rs13107325	Success rate: **96.81%**, Risk score: **HDL_GRS41; BP_GRS29; BMI_GRS31**	text (A, T, C, G)	Advanced
rs13139571	rs13139571	Success rate: **94.57%**, Risk score: **BP_GRS29**	text (A, T, C, G)	Advanced
rs13266634	rs13266634	Success rate: **95.19%**, Risk score: **T2D_GRS48; FG_GRS15**	text (A, T, C, G)	Advanced
rs1327235	rs1327235	Success rate: **95%**, Risk score: **BP_GRS29**	text (A, T, C, G)	Advanced
rs13292136	rs13292136	Success rate: **95.43%**, Risk score: **T2D_GRS48**	text (A, T, C, G)	Advanced
rs13389219	rs13389219	Success rate: **96.52%**, Risk score: **T2D_GRS48**	text (A, T, C, G)	Advanced
rs1367117	rs1367117	Success rate: **96%,** Risk score: **LDL_GRS32**	text (A, T, C, G)	Advanced
rs1378942	rs1378942	Success rate: **91.57%**, Risk score: **BP_GRS29**	text (A, T, C, G)	Advanced
rs1412444	rs1412444	Success rate: **95.43%**, Risk score: **CHD_GRS50**	text (A, T, C, G)	Advanced
rs1443512	rs1443512	Success rate: **94.71%**, Risk score: **WHR_GRS15**	text (A, T, C, G)	Advanced
rs1495741	rs1495741	Success rate: **95.71%,** Risk score: **TG_GRS26**	text (A, T, C, G)	Advanced
rs1514175	rs1514175	Success rate: **95.09%**, Risk score: **BMI_GRS31**	text (A, T, C, G)	Advanced
rs1530440	rs1530440	Success rate: **96%,** Risk score: **BP_GRS29**	text (A, T, C, G)	Advanced
rs1531343	rs1531343	Success rate: **94.57%**, Risk score: **T2D_GRS48**	text (A, T, C, G)	Advanced
rs1532085	rs1532085	Success rate: **95.28%,** Risk score: **HDL_GRS41**	text (A, T, C, G)	Advanced
rs1552224	rs1552224	Success rate: **95.05%,** Risk score: **T2D_GRS48**	text (A, T, C, G)	Advanced
rs1555543	rs1555543	Success rate: **92.76%,** Risk score: **BMI_GRS31**	text (A, T, C, G)	Advanced
rs1558902	rs1558902	Success rate: **94.66%,** Risk score: **BMI_GRS31**	text (A, T, C, G)	Advanced
rs1564348	rs1564348	Success rate: **94.33%**, Risk score: **LDL_GRS32**	text (A, T, C, G)	Advanced
rs1689800	rs1689800	Success rate: **93.23%**, Risk score: **HDL_GRS41**	text (A, T, C, G)	Advanced

rs16942887	rs16942887	Success rate: **93.62%,** Risk score: **HDL_GRS41**	text (A, T, C, G)	Advanced
rs16948048	rs16948048	Success rate: **92.04%,** Risk score: **BP_GRS29**	text (A, T, C, G)	Advanced
rs16998073	rs16998073	Success rate: **96.43%,** Risk score: **BP_GRS29**	text (A, T, C, G)	Advanced
rs17114036	rs17114036	Success rate: **96.71%,** Risk score: **CHD_GRS27**	text (A, T, C, G)	Advanced
rs17145738	rs17145738	Success rate: **94.62%,** Risk score: **TG_GRS26; HDL_GRS41**	text (A, T, C, G)	Advanced
rs17367504	rs17367504	Success rate: **95.33%,** Risk score: **BP_GRS29**	text (A, T, C, G)	Advanced
rs17404153	rs17404153	Success rate: **92.66%,** Risk score: **LDL_GRS52**	text (A, T, C, G)	Advanced
rs174546	rs174546	Success rate: **95.76%,** Risk score: **TG_GRS26; LDL_GRS32; HDL_GRS41**	text (A, T, C, G)	Advanced
rs174550	rs174550	Success rate: **93.71%,** Risk score: **FG_GRS15**	text (A, T, C, G)	Advanced
rs1746048	rs1746048	Success rate: **96.67%,** Risk score: **CHD_GRS27**	text (A, T, C, G)	Advanced
rs17465637	rs17465637	Success rate: **95.05**%, Risk score: **CHD_GRS27**	text (A, T, C, G)	Advanced
rs17514846	rs17514846	Success rate: **0%**, Risk score: **CHD_GRS50**	text (A, T, C, G)	Advanced
rs17608766	rs17608766	Success rate: **95.24%**, Risk score: **BP_GRS29**	text (A, T, C, G)	Advanced
rs17609940	rs17609940	Success rate: **96.43%**, Risk score: **CHD_GRS27**	text (A, T, C, G)	Advanced
rs1799945	rs1799945	Success rate: **96.76%,** Risk score: **BP_GRS29**	text (A, T, C, G)	Advanced
rs1800562	rs1800562	Success rate: **97.43%,** Risk score: **LDL_GRS32**	text (A, T, C, G)	Advanced
rs1800961	rs1800961	Success rate: **95.38%,** Risk score: **HDL_GRS41**	text (A, T, C, G)	Advanced
rs1801282	rs1801282	Success rate: **96.62%**, Risk score: **T2D_GRS48**	text (A, T, C, G)	Advanced
rs1801689	rs1801689	Success rate: **98%,** Risk score: **LDL_GRS52**	text (A, T, C, G)	Advanced
rs181362	rs181362	Success rate: **96.43%,** Risk score: **HDL_GRS41**	text (A, T, C, G)	Advanced
rs1878406	rs1878406	Success rate: **94.71%,** Risk score: **CHD_GRS50**	text (A, T, C, G)	Advanced
rs1883025	rs1883025	Success rate: **94.95%,** Risk score: **HDL_GRS41**	text (A, T, C, G)	Advanced
rs2000999	rs2000999	Success rate: **94.24%,** Risk score: **LDL_GRS32**	text (A, T, C, G)	Advanced
rs2028900	rs2028900	Success rate: **92.14%,** Risk score: **CHD_GRS50**	text (A, T, C, G)	Advanced
rs2030746	rs2030746	Success rate: **94.76%,** Risk score: **LDL_GRS52**	text (A, T, C, G)	Advanced
rs2047009	rs2047009	Success rate: **95.19%,** Risk score: **CHD_GRS50**	text (A, T, C, G)	Advanced
rs2048327	rs2048327	Success rate: **95.76%,** Risk score: **CHD_GRS50**	text (A, T, C, G)	Advanced
rs2068888	rs2068888	Success rate: **95.62%,** Risk score: **TG_GRS26**	text (A, T, C, G)	Advanced
rs206936	rs206936	Success rate: **90.9%,** Risk score: **BMI_GRS31**	text (A, T, C, G)	Advanced
rs2072183	rs2072183	Success rate: **96.33%,** Risk score: **LDL_GRS52**	text (A, T, C, G)	Advanced
rs2081687	rs2081687	Success rate: **93.33%,** Risk score: **LDL_GRS32**	text (A, T, C, G)	Advanced
rs2112347	rs2112347	Success rate: **95.9%,** Risk score: **BMI_GRS31**	text (A, T, C, G)	Advanced
rs216172	rs216172	Success rate: **93%**, Risk score: **CHD_GRS27**	text (A, T, C, G)	Advanced

rs2191349	rs2191349	Success rate**: 95%,** Risk score: **T2D_GRS48; FG_GRS15**	text (A, T, C, G)	Advanced
rs2237895	rs2237895	Success rate: **94.38%,** Risk score: **T2D_GRS48**	text (A, T, C, G)	Advanced
rs2241423	rs2241423	Success rate: **95.66%,** Risk score: **BMI_GRS31**	text (A, T, C, G)	Advanced
rs2247056	rs2247056	Success rate: **94.62%,** Risk score: **TG_GRS26**	text (A, T, C, G)	Advanced
rs2252641	rs2252641	Success rate: **95%**, Risk score: **CHD_GRS50**	text (A, T, C, G)	Advanced
rs2255141	rs2255141	Success rate: **94.28%,** Risk score: **LDL_GRS32**	text (A, T, C, G)	Advanced
rs2259816	rs2259816	Success rate: **93.66%,** Risk score: **CHD_GRS27**	text (A, T, C, G)	Advanced
rs2287019	rs2287019	Success rate: **95.24%,** Risk score: **BMI_GRS31**	text (A, T, C, G)	Advanced
rs2293889	rs2293889	Success rate: **93.85%,** Risk score: **HDL_GRS41**	text (A, T, C, G)	Advanced
rs231362	rs231362	Success rate: **91.52%,** Risk score: **T2D_GRS48**	text (A, T, C, G)	Advanced
rs2328223	rs2328223	Success rate: **90.61%,** Risk score: **LDL_GRS52**	text (A, T, C, G)	Advanced
rs2412710	rs2412710	Success rate: **98.05%,** Risk score: **TG_GRS26**	text (A, T, C, G)	Advanced
rs243021	rs243021	Success rate: **94.9%,** Risk score: **T2D_GRS48**	text (A, T, C, G)	Advanced
rs2479409	rs2479409	Success rate: **94.43%,** Risk score: **LDL_GRS32**	text (A, T, C, G)	Advanced
rs2487928	rs2487928	Success rate: **94.04%,** Risk score: **CHD_GRS50**	text (A, T, C, G)	Advanced
rs2521501	rs2521501	Success rate: **95.71%,** Risk score: **BP_GRS29**	text (A, T, C, G)	Advanced
rs2652834	rs2652834	Success rate: **94.62%,** Risk score: **HDL_GRS41**	text (A, T, C, G)	Advanced
rs267733	rs267733	Success rate: **93.52%,** Risk score: **LDL_GRS52**	text (A, T, C, G)	Advanced
rs2681492	rs2681492	Success rate: **95.43%,** Risk score: **BP_GRS29**	text (A, T, C, G)	Advanced
rs273909	rs273909	Success rate: **96.09%,** Risk score: **CHD_GRS50**	text (A, T, C, G)	Advanced
rs2814944	rs2814944	Success rate: **96.47%,** Risk score: **HDL_GRS41**	text (A, T, C, G)	Advanced
rs2815752	rs2815752	Success rate: **93.71%**, Risk score: **BMI_GRS31**	text (A, T, C, G)	Advanced
rs2867125	rs2867125	Success rate: **94.19%,** Risk score: **BMI_GRS31**	text (A, T, C, G)	Advanced
rs2890652	rs2890652	Success rate: **94.95%**, Risk score: **BMI_GRS31**	text (A, T, C, G)	Advanced
rs2895811	rs2895811	Success rate: **93.23%,** Risk score: **CHD_GRS27**	text (A, T, C, G)	Advanced
rs2902940	rs2902940	Success rate: **0%**, Risk score: **LDL_GRS32**	text (A, T, C, G)	Advanced
rs2923084	rs2923084	Success rate: **95.66%,** Risk score: **HDL_GRS41**	text (A, T, C, G)	Advanced
rs2925979	rs2925979	Success rate**: 94.09%,** Risk score: **HDL_GRS41**	text (A, T, C, G)	Advanced
rs2929282	rs2929282	Success rate: **97.67%**, Risk score: **TG_GRS26**	text (A, T, C, G)	Advanced
rs2932538	rs2932538	Success rate**: 95.24%,** Risk score: **BP_GRS29**	text (A, T, C, G)	Advanced
rs2943641	rs2943641	Success rate: **96.57%,** Risk score: **T2D_GRS48**	text (A, T, C, G)	Advanced
rs2954029	rs2954029	Success rate: **92.52%,** Risk score: **TG_GRS26; LDL_GRS32; HDL_GRS41; CHD_GRS50**	text (A, T, C, G)	Advanced
rs2972146	rs2972146	Success rate: **94.38%,** Risk score: **HDL_GRS41; TG_GRS26**	text (A, T, C, G)	Advanced

rs29941	rs29941	Success rate: **95.52%,** Risk score: **BMI_GRS31**	text (A, T, C, G)	Advanced
rs3136441	rs3136441	Success rate: **95.62%,** Risk score: **HDL_GRS41**	text (A, T, C, G)	Advanced
rs314253	rs314253	Success rate: **95.14%,** Risk score: **LDL_GRS52**	text (A, T, C, G)	Advanced
rs3177928	rs3177928	Success rate: **91.23%,** Risk score: **LDL_GRS32**	text (A, T, C, G)	Advanced
rs318090	rs318090	Success rate: **95.33%,** Risk score: **CHD_GRS27**	text (A, T, C, G)	Advanced
rs3184504	rs3184504	Success rate: **94.47%,** Risk score: **CHD_GRS27; BP_GRS29**	text (A, T, C, G)	Advanced
rs3217992	rs3217992	Success rate: **94.71%,** Risk score: **CHD_GRS50**	text (A, T, C, G)	Advanced
rs340874	rs340874	Success rate: **89.09%,** Risk score: **T2D_GRS48; FG_GRS15**	text (A, T, C, G)	Advanced
rs364585	rs364585	Success rate: **94.9%,** Risk score: **LDL_GRS52**	text (A, T, C, G)	Advanced
rs3757354	rs3757354	Success rate: **93.43%,** Risk score: **LDL_GRS32**	text (A, T, C, G)	Advanced
rs3764261	rs3764261	Success rate: **93.85%,** Risk score: **TG_GRS26; LDL_GRS32; HDL_GRS41**	text (A, T, C, G)	Advanced
rs3774372	rs3774372	Success rate: **94.14%,** Risk score: **BP_GRS29**	text (A, T, C, G)	Advanced
rs3780181	rs3780181	Success rate: **97%**, Risk score: **LDL_GRS52**	text (A, T, C, G)	Advanced
rs3798220	rs3798220	Success rate: **97.62%,** Risk score: **CHD_GRS27**	text (A, T, C, G)	Advanced
rs3810291	rs3810291	Success rate: **94.95%,** Risk score: **BMI_GRS31**	text (A, T, C, G)	Advanced
rs3817334	rs3817334	Success rate: **94.43%,** Risk score: **BMI_GRS31**	text (A, T, C, G)	Advanced
rs381815	rs381815	Success rate: **95.86%**, Risk score: **BP_GRS29**	text (A, T, C, G)	Advanced
rs3825807	rs3825807	Success rate: **94.52%,** Risk score: **CHD_GRS27**	text (A, T, C, G)	Advanced
rs4129767	rs4129767	Success rate: **95.86%,** Risk score: **HDL_GRS41**	text (A, T, C, G)	Advanced
rs419076	rs419076	Success rate: **91%,** Risk score: **BP_GRS29**	text (A, T, C, G)	Advanced
rs4252120	rs4252120	Success rate: **93.81%**, Risk score: **CHD_GRS50**	text (A, T, C, G)	Advanced
rs4253772	rs4253772	Success rate: **96.43%**, Risk score: **LDL_GRS52**	text (A, T, C, G)	Advanced
rs4299376	rs4299376	Success rate: **92.19%,** Risk score: **CHD_GRS50; LDL_GRS32**	text (A, T, C, G)	Advanced
rs4373814	rs4373814	Success rate: **95.05%,** Risk score: **BP_GRS29**	text (A, T, C, G)	Advanced
rs439401	rs439401	Success rate: **94.24%,** Risk score: **TG_GRS26**	text (A, T, C, G)	Advanced
rs4402960	rs4402960	Success rate: **95.95%,** Risk score: **T2D_GRS48**	text (A, T, C, G)	Advanced
rs4420638	rs4420638	Success rate**: 94.43%,** Risk score: **LDL_GRS32; HDL_GRS41**	text (A, T, C, G)	Advanced
rs442177	rs442177	Success rate: **95.24%,** Risk score: **TG_GRS26**	text (A, T, C, G)	Advanced
rs4455806	rs4455806	Success rate: **95.66%,** Risk score: **LDL_GRS52**	text (A, T, C, G)	Advanced
rs4457053	rs4457053	Success rate: **92.95%,** Risk score: **T2D_GRS48**	text (A, T, C, G)	Advanced
rs4530754	rs4530754	Success rate: **93.33%,** Risk score: **LDL_GRS52**	text (A, T, C, G)	Advanced
rs459193	rs459193	Success rate: **94.76%,** Risk score: **T2D_GRS48**	text (A, T, C, G)	Advanced
rs4607103	rs4607103	Success rate: **93.81%,** Risk score: **T2D_GRS48**	text (A, T, C, G)	Advanced

rs4660293	rs4660293	Success rate: **95.81%,** Risk score: **HDL_GRS41**	text (A, T, C, G)	Advanced
rs4722551	rs4722551	Success rate: **96.05%,** Risk score: **LDL_GRS52**	text (A, T, C, G)	Advanced
rs4759377	rs4759377	Success rate: **93.85%,** Risk score: **HDL_GRS41**	text (A, T, C, G)	Advanced
rs4765127	rs4765127	Success rate: **85.99%,** Risk score: **TG_GRS26; HDL_GRS41**	text (A, T, C, G)	Advanced
rs4771122	rs4771122	Success rate: **91.38%,** Risk score: **BMI_GRS31**	text (A, T, C, G)	Advanced
rs4773144	rs4773144	Success rate: **90.52%,** Risk score: **CHD_GRS27**	text (A, T, C, G)	Advanced
rs4823006	rs4823006	Success rate: **93.43%,** Risk score: **WHR_GRS15**	text (A, T, C, G)	Advanced
rs4845625	rs4845625	Success rate: **94.47%,** Risk score: **CHD_GRS50**	text (A, T, C, G)	Advanced
rs4846567	rs4846567	Success rate: **94.81%,** Risk score: **WHR_GRS15**	text (A, T, C, G)	Advanced
rs4846914	rs4846914	Success rate: **88.8%,** Risk score: **HDL_GRS41; TG_GRS26**	text (A, T, C, G)	Advanced
rs4929949	rs4929949	Success rate: **94.24%,** Risk score: **BMI_GRS31**	text (A, T, C, G)	Advanced
rs4942486	rs4942486	Success rate: **94.28%,** Risk score: **LDL_GRS52**	text (A, T, C, G)	Advanced
rs4977574	rs4977574	Success rate: **95.33%,** Risk score: **CHD_GRS27**	text (A, T, C, G)	Advanced
rs514230	rs514230	Success rate: **95.38%,** Risk score: **LDL_GRS32**	text (A, T, C, G)	Advanced
rs515135	rs515135	Success rate: **94.24%,** Risk score: **CHD_GRS50**	text (A, T, C, G)	Advanced
rs516946	rs516946	Success rate: **93%**, Risk score: **T2D_GRS48**	text (A, T, C, G)	Advanced
rs5219	rs5219	Success rate: **92.04%**, Risk score: **T2D_GRS48**	text (A, T, C, G)	Advanced
rs543874	rs543874	Success rate: **96%**, Risk score: **BMI_GRS31**	text (A, T, C, G)	Advanced
rs560887	rs560887	Success rate: **95.81%,** Risk score: **FG_GRS15**	text (A, T, C, G)	Advanced
rs571312	rs571312	Success rate: **91.62%,** Risk score: **BMI_GRS31**	text (A, T, C, G)	Advanced
rs5756931	rs5756931	Success rate: **88.28%,** Risk score: **TG_GRS26**	text (A, T, C, G)	Advanced
rs5763662	rs5763662	Success rate: **87.8%,** Risk score: **LDL_GRS52**	text (A, T, C, G)	Advanced
rs579459	rs579459	Success rate: **95.38%,** Risk score: **CHD_GRS27**	text (A, T, C, G)	Advanced
rs581080	rs581080	Success rate: **92.33%,** Risk score: **HDL_GRS41**	text (A, T, C, G)	Advanced
rs6015450	rs6015450	Success rate: **94.19%,** Risk score: **BP_GRS29**	text (A, T, C, G)	Advanced
rs6029526	rs6029526	Success rate**: 89.52%,** Risk score: **LDL_GRS32**	text (A, T, C, G)	Advanced
rs605066	rs605066	Success rate: **95.66%,** Risk score: **HDL_GRS41**	text (A, T, C, G)	Advanced
rs629301	rs629301	Success rate: **96.05%,** Risk score: **LDL_GRS32**	text (A, T, C, G)	Advanced
rs633185	rs633185	Success rate: **95.33%,** Risk score: **BP_GRS29**	text (A, T, C, G)	Advanced
rs635634	rs635634	Success rate: **94.38%,** Risk score: **LDL_GRS32**	text (A, T, C, G)	Advanced
rs6450176	rs6450176	Success rate: **95.86%,** Risk score: **HDL_GRS41**	text (A, T, C, G)	Advanced
rs645040	rs645040	Success rate: **94.19%,** Risk score: **TG_GRS26**	text (A, T, C, G)	Advanced
rs646776	rs646776	Success rate: **95.57%,** Risk score: **CHD_GRS27**	text (A, T, C, G)	Advanced
rs6511720	rs6511720	Success rate: **95.38%,** Risk score**: LDL_GRS32**	text (A, T, C, G)	Advanced

rs6725887	rs6725887	Success rate: **95.28%,** Risk score: **CHD_GRS27**	text (A, T, C, G)	Advanced
rs6784615	rs6784615	Success rate: **97.19%,** Risk score: **WHR_GRS15**	text (A, T, C, G)	Advanced
rs6795735	rs6795735	Success rate: **94.71%,** Risk score: **WHR_GRS15**	text (A, T, C, G)	Advanced
rs6831256	rs6831256	Success rate: **93.52%,** Risk score: **LDL_GRS52**	text (A, T, C, G)	Advanced
rs6861681	rs6861681	Success rate: **90.28%,** Risk score: **WHR_GRS15**	text (A, T, C, G)	Advanced
rs6882076	rs6882076	Success rate: **93.81%,** Risk score: **LDL_GRS32; TG_GRS26**	text (A, T, C, G)	Advanced
rs6905288	rs6905288	Success rate: **95.81%,** Risk score: **WHR_GRS15**	text (A, T, C, G)	Advanced
rs7034200	rs7034200	Success rate: **93.85%,** Risk score: **FG_GRS15**	text (A, T, C, G)	Advanced
rs7129220	rs7129220	Success rate: **93.09%,** Risk score: **BP_GRS29**	text (A, T, C, G)	Advanced
rs7134375	rs7134375	Success rate: **95.9%,** Risk score: **HDL_GRS41**	text (A, T, C, G)	Advanced
rs7134594	rs7134594	Success rate: **95.81%,** Risk score: **HDL_GRS41**	text (A, T, C, G)	Advanced
rs713586	rs713586	Success rate: **94.24%,** Risk score: **BMI_GRS31**	text (A, T, C, G)	Advanced
rs7138803	rs7138803	Success rate: **95%**, Risk score: **BMI_GRS31**	text (A, T, C, G)	Advanced
rs7173743	rs7173743	Success rate: **94.76%,** Risk score: **CHD_GRS50**	text (A, T, C, G)	Advanced
rs7177055	rs7177055	Success rate: **95.43%,** Risk score: **T2D_GRS48**	text (A, T, C, G)	Advanced
rs718314	rs718314	Success rate: **93.52%,** Risk score: **WHR_GRS15**	text (A, T, C, G)	Advanced
rs7202877	rs7202877	Success rate: **96.47%,** Risk score: **T2D_GRS48**	text (A, T, C, G)	Advanced
rs7241918	rs7241918	Success rate: **96.67%,** Risk score: **HDL_GRS41**	text (A, T, C, G)	Advanced
rs7255436	rs7255436	Success rate: **93.09%,** Risk score: **HDL_GRS41**	text (A, T, C, G)	Advanced
rs7359397	rs7359397	Success rate: **95.38%,** Risk score: **BMI_GRS31**	text (A, T, C, G)	Advanced
rs737337	rs737337	Success rate**: 95.66%,** Risk score: **HDL_GRS41**	text (A, T, C, G)	Advanced
rs7501939	rs7501939	Success rate: **88.76%,** Risk score: **T2D_GRS48**	text (A, T, C, G)	Advanced
rs7578326	rs7578326	Success rate: **94.85%,** Risk score: **T2D_GRS48**	text (A, T, C, G)	Advanced
rs7578597	rs7578597	Success rate: **95.28%,** Risk score: **T2D_GRS48**	text (A, T, C, G)	Advanced
rs7593730	rs7593730	Success rate: **94%**, Risk score: **T2D_GRS48**	text (A, T, C, G)	Advanced
rs7640978	rs7640978	Success rate: **97.38%,** Risk score: **LDL_GRS52**	text (A, T, C, G)	Advanced
rs7692387	rs7692387	Success rate: **95.52%,** Risk score: **CHD_GRS50**	text (A, T, C, G)	Advanced
rs7754840	rs7754840	Success rate: **95%,** Risk score: **T2D_GRS48**	text (A, T, C, G)	Advanced
rs780094	rs780094	Success rate: **96.24%,** Risk score: **T2D_GRS48; FG_GRS15**	text (A, T, C, G)	Advanced
rs7903146	rs7903146	Success rate: **93.52%,** Risk score: **T2D_GRS48; FG_GRS15**	text (A, T, C, G)	Advanced
rs7941030	rs7941030	Success rate: **91.85%,** Risk score: **HDL_GRS41**	text (A, T, C, G)	Advanced
rs7944584	rs7944584	Success rate: **93.85%,** Risk score: **FG_GRS15**	text (A, T, C, G)	Advanced
rs7957197	rs7957197	Success rate: **95.86%,** Risk score: **T2D_GRS48**	text (A, T, C, G)	Advanced
rs7961581	rs7961581	Success rate: **93.57%**, Risk score: **T2D_GRS48**	text (A, T, C, G)	Advanced

rs8017377	rs8017377	Success rate: **96.19%,** Risk score: **LDL_GRS32**	text (A, T, C, G)	Advanced
rs8042680	rs8042680	Success rate: **95.9%,** Risk score: **T2D_GRS48**	text (A, T, C, G)	Advanced
rs805303	rs805303	Success rate: **91.62%,** Risk score: **BP_GRS29**	text (A, T, C, G)	Advanced
rs864745	rs864745	Success rate: **95.05%,** Risk score: **T2D_GRS48**	text (A, T, C, G)	Advanced
rs887912	rs887912	Success rate: **94.04%,** Risk score: **BMI_GRS31**	text (A, T, C, G)	Advanced
rs896854	rs896854	Success rate: **94.85%,** Risk score: **T2D_GRS48**	text (A, T, C, G)	Advanced
rs9319428	rs9319428	Success rate: **95.43%,** Risk score: **CHD_GRS50**	text (A, T, C, G)	Advanced
rs932764	rs932764	Success rate: **96.09%,** Risk score: **BP_GRS29**	text (A, T, C, G)	Advanced
rs9472138	rs9472138	Success rate: **94.33%,** Risk score: **T2D_GRS48**	text (A, T, C, G)	Advanced
rs9488822	rs9488822	Success rate: **94.57%,** Risk score: **LDL_GRS32**	text (A, T, C, G)	Advanced
rs9491696	rs9491696	Success rate: **95.52%,** Risk score: **WHR_GRS15**	text (A, T, C, G)	Advanced
rs9515203	rs9515203	Success rate: **95.24%,** Risk score: **CHD_GRS50**	text (A, T, C, G)	Advanced
rs964184	rs964184	Success rate: **95.14%,** Risk score: **CHD_GRS27; TG_GRS26; LDL_GRS32; HDL_GRS41**	text (A, T, C, G)	Advanced
rs9686661	rs9686661	Success rate: **96%**, Risk score: **TG_GRS26**	text (A, T, C, G)	Advanced
rs972283	rs972283	Success rate: **84.71%,** Risk score: **T2D_GRS48**	text (A, T, C, G)	Advanced
rs9816226	rs9816226	Success rate: **94.85%,** Risk score: **BMI_GRS31**	text (A, T, C, G)	Advanced
rs9818870	rs9818870	Success rate: **90.28%,** Risk score: **CHD_GRS27**	text (A, T, C, G)	Advanced
rs984222	rs984222	Success rate: **94.57%,** Risk score: **WHR_GRS15**	text (A, T, C, G)	Advanced
rs987237	rs987237	Success rate: **94.76%,** Risk score: **BMI_GRS31**	text (A, T, C, G)	Advanced
rs9939609	rs9939609	Success rate: **95.76%,** Risk score: **T2D_GRS48**	text (A, T, C, G)	Advanced
rs9982601	rs9982601	Success rate: **97.09%,** Risk score: **CHD_GRS27**	text (A, T, C, G)	Advanced
rs9987289	rs9987289	Success rate: **97.09%,** Risk score: **LDL_GRS32; HDL_GRS41**	text (A, T, C, G)	Advanced

Part B)

SNPs for Pharmacogenomics (data obtained by Manlio Vinciguerra through Abomics).

250 complete cases reports are available.

Variable name	Parameter	Values	Type of data
snip_1	Medicament 1 from ATC group	https://go.drugbank.com/atc	Advanced
snip_2	Medicament 2 from ATC group	https://go.drugbank.com/atc	Advanced
snip_3	Medicament 3 from ATC group	https://go.drugbank.com/atc	Advanced
snip_4	Medicament 4 from ATC group	https://go.drugbank.com/atc	Advanced
snip_5	Medicament 5 from ATC group	https://go.drugbank.com/atc	Advanced
snip_6	Medicament 6 from ATC group	https://go.drugbank.com/atc	Advanced
snip_7	Medicament 7 from ATC group	https://go.drugbank.com/atc	Advanced
snip_8	Medicament 8 from ATC group	https://go.drugbank.com/atc	Advanced
snip_9	Medicament 9 from ATC group	https://go.drugbank.com/atc	Advanced
snip_10	Medicament 10 from ATC group	https://go.drugbank.com/atc	Advanced
snip_11	Medicament 11 from ATC group	https://go.drugbank.com/atc	Advanced
snip_12	Drugs used in Diabetes – insulin and analogues	0, Absent 1, Present	Advanced
snip_13	Drugs used in Diabetes – blood glucose lowering drugs, excl.insulins	0, Absent 1, Present	Advanced
snip_14	Antithrombotic agents	0, Absent 1, Present	Advanced
snip_15	Cardiac therapy	0, Absent 1, Present	Advanced
snip_16	Antihypertensives	0, Absent 1, Present	Advanced
snip_17	Diuretics	0, Absent 1, Present	Advanced
snip_18	Peripheral vasodilators	0, Absent 1, Present	Advanced
snip_19	Vasoprotectives	0, Absent 1, Present	Advanced

snip_20	Beta blocking agents (total)	0, Absent 1, Present	Advanced
snip_21	Calcium channel blockers	0, Absent 1, Present	Advanced
snip_22	Agents acting on the renin-angiotensin system	0, Absent 1, Present	Advanced
snip_23	Lipid modifying agents	0, Absent 1, Present	Advanced
snip_24	Analgesics	0, Absent 1, Present	Advanced
snip_25	Antiepileptics	0, Absent 1, Present	Advanced
snip_26	Anti-Parkinson drugs	0, Absent 1, Present	Advanced
snip_27	Psycholeptics in total	0, Absent 1, Present	Advanced
snip_28	Psycholeptics – antipsychotics	0, Absent 1, Present	Advanced
snip_29	Psycholeptics – anxiolytics	0, Absent 1, Present	Advanced
snip_30	Psycholeptics – hypnotics and sedatives	0, Absent 1, Present	Advanced
snip_31	Psychoanaleptics in total	0, Absent 1, Present	Advanced
snip_32	Psychoanaleptics – antidepressants	0, Absent 1, Present	Advanced
snip_33	Psychoanaleptics – psychostimulants, agents used for ADHD and nootropics	0, Absent 1, Present	Advanced
snip_34	Psychoanaleptics – psycholeptics and psychoanaleptics in combination	0, Absent 1, Present	Advanced
snip_35	Psychoanaleptics – anti-dementia drugs	0, Absent 1, Present	Advanced
snip_36	Drugs for obstructive airway diseases	0, Absent 1, Present	Advanced
snip_37	Antihistamines for systemic use	0, Absent 1, Present	Advanced
snip_38	Hormonal contraceptives for systemic use	0, Absent 1, Present	Advanced

snip_39	Estrogens	0, Absent 1, Present	Advanced
snip_40	Progestogens and estrogens in combination	0, Absent 1, Present	Advanced
snip_41	Androgen and female sex hormones in combination (prasterone and estrogen)	0, Absent 1, Present	Advanced
snip_42	Antithrombotic agents – klopidogrel	0, Absent 1, Present	Advanced
snip_43	Antithrombotic agents – warfarin	0, Absent 1, Present	Advanced
snip_44	Beta blocking agents – selective – metoprolol	0, Absent 1, Present	Advanced
snip_45	Beta blocking agents – selective – nebivolol	0, Absent 1, Present	Advanced
snip_46	Beta blocking agents – alfa & beta – carvediol	0, Absent 1, Present	Advanced

3. HBM4U

Dr. Geraldo Neto

288 complete cases are available.

Variable name	Parameter	LOD (ng/ml)	LOQ (ng/ml)	Values	Unit	Type of data
pfpa	PFPA	0.01	0.04	text (number)	[ug/l]	Advanced
pfhxa	PFHxA	0.01	0.04	text (number)	[ug/l]	Advanced
pfhpa	PFHpA	0.01	0.03	text (number)	[ug/l]	Advanced
pfoa	PFOA	0.02	0.07	text (number)	[ug/l]	Advanced
pfna	PFNA	0.004	0.012	text (number)	[ug/l]	Advanced
pfda	PFDA	0.004	0.01	text (number)	[ug/l]	Advanced
pfunda	PFUnDA	0.004	0.012	text (number)	[ug/l]	Advanced
pfdoda	PFDoDA	0.005	0.016	text (number)	[ug/l]	Advanced
pfbs	PFBS	0.01	0.016	text (number)	[ug/l]	Advanced
pfhxs	PFHxS	0.004	0.014	text (number)	[ug/l]	Advanced
pfhps	PFHpS	0.005	0.04	text (number)	[ug/l]	Advanced
pfos	PFOS	0.03	0.014	text (number)	[ug/l]	Advanced

4. Geocodes and air pollution exposure

Mgr. Anna Bartošková (Polcrová)

Using the geographic information system, the geocodes were created and linked with the data on the air pollution exposure of Brno.

2 158 complete cases are available.

Variable name	Parameter	Explanatory notes	Values	Unit	Type of data
location_type	Location type		text		Advanced
no2_mean	NO$_2$ mean	The annual average exposure NO2 (2015)	text (number)	[μg/m3]	Advanced
pm10_mean	PM10 mean	The annual average exposure PM10 (2015)	text (number)	[μg/m3]	Advanced
pm10_13_mean	PM10 13 mean	The annual average exposure PM10 (2013)	text (number)	[μg/m3]	Advanced
pm10_13_median	PM10 13 median	The annual median exposure PM10 (2013)	text (number)	[μg/m3]	Advanced
no2_13_mean	NO$_2$ 13 mean	The annual average exposure NO2 (2013)	text (number)	[μg/m3]	Advanced
no2_13_median	NO$_2$ 13 median	The annual median exposure NO2 (2013)	text (number)	[μg/m3]	Advanced
no2_12_mean	NO$_2$ 12 mean	The annual average exposure NO2 (2012)	text (number)	[μg/m3]	Advanced
no2_12_median	NO$_2$ 12 median	The annual median exposure NO2 (2012)	text (number)	[μg/m3]	Advanced
pm10_12_mean	PM10 12 mean	The annual average exposure PM10 (2012)	text (number)	[μg/m3]	Advanced
pm10_12_median	PM10 12 median	The annual median exposure PM10 (2012)	text (number)	[μg/m3]	Advanced
noise_2012_mean	NOISE 2012 mean	The average environmental noise exposure Lden (day-evening-night) (2012)	text (number)	dB	Advanced
gsc_dis_xx_12	GSC DIS XX 12	Accessibility to green spaces - Corine Land Cover	text (number)		Advanced

| gsu_dis_xx_12 | GSU DIS XX 12 | Accessibility to green spaces – Urban Atlas | text (number) | | Advanced |

4. Calculated variables

This chapter contains the variables calculated by the definitions.

1. Cardiovascular Health Index

Table 1. Definition of cardiovascular health metrics.

Metric	Definition
Body mass index	Ideal $<25\,kg/m^2$ Intermediate $25-29.9\,kg/m^2$ Poor $\geq30\,kg/m^2$
Physical activity	Ideal $\geq150\,min/week$ moderate, $\geq75\,min/week$ vigorous or $\geq150\,min/week$ moderate + vigorous Intermediate $1-149\,min/$ week moderate or $1-74\,min/week$ vigorous or $1-149\,min/week$ moderate + vigorous Poor None
Smoking status	Ideal Never or quit >12 months Intermediate Former ≤12 months Poor Current
Healthy diet score	Ideal 4–5 Components Intermediate 2–3 Components Poor 0–1 Component Components defined as • ≥4.5 cups/day of fruits and vegetables: approximated as ≥4.5 servings/day • ≥2 3.5 oz servings/week of fish • ≥3 1 oz. servings/day of whole grains: approximated as ≥3 servings/day • $<1500\,mg/day$ of sodium a day • $\leq450\,kcal$ or 36 oz/week of sweets/sugar sweetened beverages
Blood pressure	Ideal SBP <120 and DBP $<80\,mmHg$, without medication or physician diagnosis of hypertension Intermediate SBP $120-139$ or DBP $80-89\,mmHg$, or treated to $<120/<80\,mmHg$ Poor SBP ≥140 or DBP ≥90 mmHg
Total cholesterol	Ideal $<5.17\,mmol/l$, not on lipid lowering prescription medications Intermediate $5.17-6.18\,mmol/l$, or treated to $<5.17\,mmol/l$ Poor $\geq6.19\,mmol/l$
Glucose	Ideal $<5.55\,mmol/l$, not on glucose-lowering medication or having a diagnosis of diabetes Intermediate $5.55-6.94\,mmol/l$, or treated to $<5.55\,mmol/l$ Poor $\geq6.95\,mmol/l$

SBP: systolic blood pressure; DBP: diastolic blood pressure.
1 oz represents approximately 28.4 g.

2102 complete cases are available.

Variable name	Parameter	Explanatory notes	Values	Type of data
	Healthy metric			
cvh_smoke	Smoking score	Ideal = 1 Intermediate = 0.5 Poor = 0	text (number)	Advanced
cvh_bmi_2	Body Mass Index category	Ideal = 1 Intermediate = 0.5 Poor = 0	text (number)	Advanced
cvh_pa	Physical activity	Ideal = 1 Intermediate = 0.5 Poor = 0	text (number)	Advanced
cvh_fast_ser_gl	Fasting serum glucose	Ideal = 1 Intermediate = 0.5 Poor = 0	text (number)	Advanced
cvh_tot_chol	Total cholesterol	Ideal = 1 Intermediate = 0.5 Poor = 0	text (number)	Advanced
cvh_bp	Blood pressure	Ideal = 1 Intermediate = 0.5 Poor = 0	text (number)	Advanced
cvh_hds	Healthy diet score	Ideal = 1 Intermediate = 0.5 Poor = 0	text (number)	Advanced
	Cardiovascular health index			
cvh_total	TOTAL CVH index score	Sum of all healthy metrics	text (number), Min = 0, Max = 7	Advanced

2. Systematic Coronary Risk Estimation 2 (SCORE2)

This chapter contains the variables calculated by the 2021 ESC Guidelines on cardiovascular disease prevention in clinical practice. (https://www.escardio.org/Guidelines/Clinical-Practice-Guidelines/CVD-Prevention-Guidelines)

Values are only available for patients aged 40+, each of whom belongs to only one of the categories:

Apparently healthy people (1321 complete cases are available)

Variable name	Parameter	Explanatory notes	Values	Type of data
score2_current_risk	10-year CVD risk	%	text (number)	Advanced
score2_risk_category	Risk category	Low-to-moderate CVD = 0 High CVD risk = 1 Very high CVD risk = 2	text (number)	Advanced

Patients with established DM (without ASCVD and moderate-to-severe renal disease and genetic/rarer lipid and BP disorders) (71 complete cases are available)

Variable name	Parameter	Explanatory notes	Values	Type of data
score2_risk_cat_dm	Risk category	Moderate CVD = 0 High CVD risk = 1 Very high CVD risk = 2	text (number)	Advanced

Patients with established DM (with ASCVD and/or moderate-to-severe renal disease and/or genetic/rarer lipid or BP disorders (183 complete cases are available)

Variable name	Parameter	Explanatory notes	Values	Type of data
score2_risk_cat_non_healthy	Risk category	Moderate CVD = 0 High CVD risk = 1 Very high CVD risk = 2	text (number)	Advanced

3. Diabetes Mellitus

Variable name	Parameter	Definition	Values
calc_diabetes2	Prediabetes *ADA criteria (2021), ESC guidelines (2023)*	1. FPG 100 mg/dL (5.6 mmol/L) to 125 mg/dL (6.9 mmol/L) (IFG) **AND** 2. Without medication **AND** 3. Exclude diabetes	1, present 0, absent
calc_diabetes	Diabetes Mellitus	1. FPG ≥126 mg/dL (glucose >=7.0 mmol/L). Fasting is defined as no caloric intake for at least 8 h. **OR** 2. self-report of diabetes **OR** 3. using antidiabetic drugs or insulin	1, present 0, absent
calc_diabetes3	Diabetes Mellitus - controlled	1. Personal history of diabetes **AND** 2. Fasting blood glucose lower than 130 mg/dL (7.0 mmol)	1, present 0, absent
calc_cvd_dm	Cardiovascular Disease for Diabetes	1. Presence of Ischemic Heart disease (self-reported) **OR** 2. Presence of Definite myocardial infarction **OR** 3. Presence of Percutaneous coronary intervention **OR** 4. Presence of Coronary-aortic by-pass graft (CABG) **OR** 5. Presence of Definite claudication's **OR** 6. Presence of Transient ischaemic attack, incl. amaurosis fugax **OR** 7. Presence of Revascularization (except myocardial) **OR** 8. Presence of Chronic Kidney disease defined as eGRF < 60 ml/min/173m2 (1 ml/s/173m2) **OR** 9. Microalbuminuria defined as ACR ≥ 30 mg albumine/g creatinine (3.39 mg/mmol)	1, present 0, absent

4. Hypertension

Variable name	Parameter	Definition	Values
calc_hyper	Hypertension	1. Office SBP values ≥ 140 mmHg OR diastolic BP (DBP) values ≥ 90 mmHg **OR** 2. self-reported previous diagnosis of hypertension **OR** 3. using prescribed medicine to lower blood pressure.	1, present 0, absent
calc_hyper_treat	Hypertension – treated	1. the response "yes" to the question, Have you used antihypertensive drugs during the last two weeks?" **OR** 2. using prescribed medicine to lower blood pressure	1, present 0, absent
calc_hyper_aware	Hypertension - aware	1. Self-reported previous diagnosis of hypertension, **OR** 2. " We assumed that all those who were "treated" were also "aware"	1, present 0, absent
calc_hyper_treat_cont	Hypertension – treated and controlled	1. "Treated" **AND** 2. Having mean systolic BP < 140 mm Hg per the office BP measurement **AND** 3. Diastolic BP <90 mmHg per the office BP measurement	1, present 0, absent
calc_hyper_treat_cont2	Hypertension – treated and controlled (130/80)	1. "Treated" **AND** 2. Having mean systolic BP < 130 mm Hg per the office BP measurement **AND** 3. Diastolic BP <80 mmHg per the office BP measurement	1, present 0, absent

5. Variables Calculated Based on Kardiovize Definitions

Variable name	Parameter	Definition	Values
calc_smoke	Smoking category	1. <u>Current smoker:</u> Smoking daily, less than daily or occasionally **OR** having stop smoking less than year ago 2. <u>Past smoker:</u> Having stopped smoking at least a year ago 3. <u>Never smoker:</u> Smoked less than 100 cigarettes in a lifetime	1, Current smoker 2, Past smoker 3, Never smoker
calc_physcat	Physical Activity category	1. Definition according to official guideline: https://ugc.futurelearn.com/uploads/files/bc/c5/bcc53b14-ec1e-4d90-88e3-1568682f32ae/IPAQ_PDF.pdf	1, Low physical activity 2, Moderate physical activity 3, High physical activity
calc_ph_isch	Personal History of Ischaemic heart disease	1. Self-report of Definite angina pectoris **OR** 2. Self-report of Definite myocardial infarction **OR** 3. Self-report of Percutaneous coronary intervention **OR** 4. Self-report of Aorto-coronary bypass (CABG)	0, Absent 1, Present
calc_pad	Personal History of Peripheral arterial disease	1. Self-report of Peripheral arterial disease	0, Absent 1, Present
calc_ph_cvd	Personal history of CVD:	1. Presence of Definite angina pectoris **OR** 2. Presence of Definite myocardial infarction **OR** 3. Presence of Percutaneous coronary intervention **OR** 4. Presence of Coronary-aortic by-pass graft (CABG) **OR** 5. Presence of Definite claudication's **OR** 6. Presence of Transient ischaemic attack, incl. amaurosis fugax **OR** 7. Presence of Revascularization (except myocardial)	0, Absent 1, Present
calc_kidney	Laboratory markers of kidney function impairment for CVD risk assessment:	1. Estimation of glomerular filtration eGFR (CKD-EPI) < 60 ml/min/173m2 (1 ml/s/173m2) **OR** 2. Albumin/Creatinine ratio (ACR) >= 30 mg/g (3.39	0, Absent 1, Present

		mg/mmol)	
calc_ao	Abdominal Obesity	1. Waist circumference >= 94 cm in men 2. Waist circumference >=80 cm in women	0, Absent 1, Present
calc_ao_hr	Abdominal Obesity - high risk	1. Waist circumference >= 102 cm in men 2. Waist circumference >=88 cm in women	0, Absent 1, Present
calc_metsyn	Metabolic syndrom defined by IDF 2009 *https://www.uptodate.com/contents/search?search=metabolic%20syndrom*	Simultaneous presence of 3 or more of the metabolic syndrome components below: 1. High TG: TG level >=1.7 mmol/l **OR** treatment with fibrates or nicotine acid 2. Low HDL-cholesterol: low HDL level (<1 mmol/l in men and <1.3 mmol/l in women **OR** treatment with fibrates or nicotine acid 3. Dysglycemia: previously diagnosed diabetes mellitus **OR** treatment of elevated glucose **OR** fasting plasma glucose >=5.6 mmol/l 4. High Blood Pressure: systolic BP >=130 mmHg **OR** diastolic BP >=85 mmHg **OR** treatment of elevated BP	0, Absent 1, Present

B. Additional

A few additional measurements including cognitive tests were completed in 2015–2016. The survey was completed by a total of 609 participants aged 25–64 years with a mean age of 48.1 years, of which 48.3 % were women.

1. Questionnaires

1. Examination

609 complete cases reports are available.

Variable name	Question	Values	Type of data
datum_vysetreni	Date of examination	text	Basic

2. Stress factors

This questionnaire includes psychosocial risk factors and an economic aktivity question. 607 complete cases reports are available.

Reference: *European Guidelines on Cardiovascular Disease Prevention in clinical practice (version 2012), page 1654. Translation by MUDr. Jiří Lešovský.*

Variable name	Question	Values	Type of data
sf_1	Do you frequently feel angry over little things?	1, Yes 2, No	Basic
sf_2	Do you often feel annoyed about other people's habits?	1, Yes 2, No	Basic
sf_3	Do you frequently feel nervous, anxious, or on edge?	1, Yes 2, No	Basic
sf_4	Are you frequently unable to stop or control worrying?	1, Yes 2, No	Basic
sf_5	Are you living alone?	1, Yes 2, No	Basic
sf_6	Do you lack a close confidant?	1, Yes 2, No	Basic
sf_7	Do you lack control over how to meet the demands at work	1, Yes 2, No	Basic
sf_8	Is your reward inappropriate for your effort?	1, Yes 2, No	Basic
sf_9	In general, do you often feel anxious, irritable, or depressed?	1, Yes 2, No	Basic
sf_10	Do you avoid sharing your thoughts and feelings with other people?	1, Yes 2, No	Basic
sf_11	Are you economically active?	1, Yes 2, No	Basic

3. Medication

This section covers questions regarding using medicines, subjective health assessment and allergies. 608 complete case reports are available. 312 participants use some medicaments and 296 participants do not use any medicaments.

Variable name	Question	Values	Type of data
med_pravidel	Do you use any medication?	1, No 2, Yes	Basic
med_pravidel_nazev_1	Name of drug	text	Basic
med_pravidel_davkovani_1	Dosage	text	Basic
med_pravidel_indikace_1	Indication	text	Basic
med_dalsi_1	Next drug?	1, No 2, Yes	Basic
med_pravidel_nazev_2	Name of drug	text	Basic
med_pravidel_davkovani_2	Dosage	text	Basic
med_pravidel_indikace_2	Indication	text	Basic
med_dalsi_2	Next drug?	1, No 2, Yes	Basic
med_pravidel_nazev_3	Name of drug	text	Basic
med_pravidel_davkovani_3	Dosage	text	Basic
med_pravidel_indikace_3	Indication	text	Basic
med_dalsi_3	Next drug?	1, No 2, Yes	Basic
med_pravidel_nazev_4	Name of drug	text	Basic
med_pravidel_davkovani_4	Dosage	text	Basic
med_pravidel_indikace_4	Indication	text	Basic
med_dalsi_4	Next drug?	1, No 2, Yes	Basic
med_pravidel_nazev_5	Name of drug	text	Basic
med_pravidel_davkovani_5	Dosage	text	Basic
med_pravidel_indikace_5	Indication	text	Basic
med_dalsi_5	Next drug?	1, No 2, Yes	Basic
med_pravidel_nazev_6	Name of drug	text	Basic

med_pravidel_davkovani_6	Dosage	text	Basic
med_pravidel_indikace_6	Indication	text	Basic
med_dalsi_6	Next drug?	1, No 2, Yes	Basic
med_pravidel_nazev_7	Name of drug	text	Basic
med_pravidel_davkovani_7	Dosage	text	Basic
med_pravidel_indikace_7	Indication	text	Basic
med_dalsi_7	Next drug?	1, No 2, Yes	Basic
med_pravidel_nazev_8	Name of drug	text	Basic
med_pravidel_davkovani_8	Dosage	text	Basic
med_pravidel_indikace_8	Indication	text	Basic
med_dalsi_8	Next drug?	1, No 2, Yes	Basic
med_pravidel_nazev_9	Name of drug	text	Basic
med_pravidel_davkovani_9	Dosage	text	Basic
med_pravidel_indikace_9	Indication	text	Basic
med_dalsi_9	Next drug?	1, No 2, Yes	Basic
med_pravidel_nazev_10	Name of drug	text	Basic
med_pravidel_davkovani_10	Dosage	text	Basic
med_pravidel_indikace_10	Indication	text	Basic
med_hypolipid	**Hypolipidemics**:	0, Unchecked 1, Checked	Basic
med_hypolipid___1	None		
med_hypolipid___2	Fibrates (see special list of names)		
med_hypolipid___3	HMG-CoA reductase inhibitors (statins)		
med_hypolipid___4	Resins		
med_hypolipid___5	Nicotinic acid		
med_hypolipid___6	Other (Ezetimib)		
med_hypolipid___7	Unclear		
med_hypolipid_datum	When did this medication start	text (date_dmy)	Basic

med_antithromb	**Antithrombotics, anticoagulants**:	0, Unchecked	Basic
med_antithromb___1	None	1, Checked	
med_antithromb___2	Acetylsalicylic acid (Godasal, Anopyrin, Aspirin)		
med_antithromb___3	Ticlopidin (Ipaton, Tagren)		
med_antithromb___4	Clopidogrel (Trombex, Clorogen)		
med_antithromb___5	Rivaroxaban (Xarelto)		
med_antithromb___6	Warfarin (Warfarin, Lawarin)		
med_antithromb___7	Dabigatran (Pradaxa)		
med_antithromb___8	Low molecular weight heparins (Clexane, Fraxiparine, Fragmin, Zibor)		
med_antithromb___9	Indobufen (Ibustrin)		
med_antithromb___10	Other		
med_antithromb___11	Unknown		
med_antithromb_datum	When did this medication start	text (date_dmy)	Basic
med_diuretika	**Diuretics**:	0, Unchecked	Basic
med_diuretika___1	None	1, Checked	
med_diuretika___2	Loop diuretics		
med_diuretika___3	Thiazide		
med_diuretika___4	Potassium-sparing		
med_diuretika___5	Other		
med_diuretika___6	Unknown		
med_diuretika_datum	When did this medication start	text (date_dmy)	Basic
med_betab_vasodil	**Beta, alpha-sympatholytics, Ca blockers, and other vasodilatators**	0, Unchecked	Basic
med_betab_vasodil___1	None	1, Checked	
med_betab_vasodil___2	Beta-adrenergic blockers		
med_betab_vasodil___3	Alpha-adrenergic blockers		
med_betab_vasodil___4	Calcium-channel blockers		
med_betab_vasodil___5	Angiotensin converting enzyme inhibitors		
med_betab_vasodil___6	Sartans		
med_betab_vasodil___7	Renin inhibitors (aliskiren)		
med_betab_vasodil___8	Imidazolin central inhibitors		

med_betab_vasodil___9	Unknown		
med_betablok	When did you start to use beta-blockers?	text (date_dmy)	Basic
med_alfablok	When did you start to use alpha-blockers? (except of alpha-1-blockers for BHP N40)	text (date_dmy)	Basic
med_blok_kalci_kanal	When did you start to use Ca-channel blockers?	text (date_dmy)	Basic
med_inhibitory	When did you start to use ACE inhibitors?	text (date_dmy)	Basic
med_sartany	When did you start to use sartans?	text (date_dmy)	Basic
med_inhinitory_reninu	When did you start to use renin inhibitors?	text (date_dmy)	Basic
med_central_inhibit	When did you start to use imidazolin central inhibitors?	text (date_dmy)	Basic
med_jine	**Other medication:**	0, Unchecked	Basic
med_jine___1	None	1, Checked	
med_jine___2	Insulin		
med_jine___3	Peroral antidiabetic drugs		
med_jine___4	Nitroglycerin products		
med_jine___5	Thyroid gland hormones		
med_jine___6	Corticoids		
med_jine___7	Xanthine oxidase inhibitors (Milurit)		
med_jine___8	Immunosuppressants		
med_jine___9	Other		
med_jine___10	Unknown		
zdravi_stupnice	In general, would you say your health is on a scale from 1 (very poor) to 100 (excellent).	slider (number)	Basic
alergie_1	Did you used the treatment of allergic rhinitis in the last 12 months?	1, No 2, Yes	Basic
alergie_2	Did you used the treatment of asthma in the last 12 months?	1, No 2, Yes	Basic
alergie_3	Have you ever suffered from a serious allergic reaction (i.e. Anaphylaxis), which would require rapid medical intervention?	1, No 2, Yes	Basic
alergie_4	If yes, what was the cause?	1, Insect sting 2, Food 3, The administration of a drug 4, The cause is unknown	Basic

4. Smoking

The section includes Personal history of smoking, Quitting: Quit attempts (source*: CRF 1: Information Session (from Ivana Croghan)*), Marijuana

Reference: Young Adults Survey, Mayo Clinic

607 complete case reports are available.

Variable name	Question	Values	Type of data
k_pasiv	Are you a passive smoker?	1, Yes 2, No	Basic
k_pasiv_prac	If yes, how often are you exposed to smoke at workplace?	1, Never or less than once per month 2, 1-3 times per month 3, Once per week 4, 2-4 times per week 5, 5-6 times per week 6, Daily 7, 2-3 times per day 8, 4-5 times per day 9, 6 times per day	Basic
k_pasiv_doma	If yes, how often are you exposed to smoke at home?	1, Never or less than once per month 2, 1-3 times per month 3, Once per week 4, 2-4 times per week 5, 5-6 times per week 6, Daily 7, 2-3 times per day 8, 4-5 times per day 9, 6 times per day	Basic
k_pasiv_restaur	If yes, how often are you exposed to smoke at restaurant?	1, Never or less than once per month 2, 1-3 times per month 3, Once per week 4, 2-4 times per week 5, 5-6 times per week 6, Daily 7, 2-3 times per day	Basic

		8, 4-5 times per day 9, 6 times per day	
k_pasiv_ostatni	If yes, how often are you exposed to smoke at other places?	1, Never or less than once per month 2, 1-3 times per month 3, Once per week 4, 2-4 times per week 5, 5-6 times per week 6, Daily 7, 2-3 times per day 8, 4-5 times per day 9, 6 times per day	Basic
k_100_za_zivot	I have smoked more than 100 cigarettes during my lifetime.	1, Yes 2, No	Basic
k_curr	If yes, how often do you smoke?	1, Daily 2, Less than one cigarette per day (max 6 cigarettes per week) 3, Less than one cigarette per week 4, Currently I do not smoke 99, Na	Basic
k_quit	When did you stop smoking?	1, Less than a week ago 2, Less than a month ago 3, Less than 6 months ago 4, Less than a year ago 5, More than a year ago	Basic
k_quit_years	How many years ago did you stop smoking?	text (integer, Min: 0)	Basic
k_prev	How often did you smoke in past?	1, Daily 2, Less than one cigarette per day (max 6 cigarettes per week) 3, Less than one cigarette per week 99, Na	Basic
k_per_day	How many cigarettes do you smoke/did you smoke on average per day?	text (integer, Min: 0)	Basic
k_per_week	How many cigarettes do you smoke/did you smoke on average per week?	text (integer, Min: 0)	Basic
k_per_month	How many cigarettes do you smoke/did you smoke on average per month?	text (integer, Min: 0)	Basic

k_ostatni	Do you use any other tobacco products: waterpipe, pipe, snus, chewing tobacco, e-cigarette, nicotine replacement therapy?	1, Yes 2, No	Basic
	If yes, how often do you use:		
k_vodni_dymka	Waterpipe	1, Never or less than once per month	Basic
k_dymka	Pipe	2, 1-3 times per month	Basic
k_snup_tabak	Snus	3, Once per week	Basic
k_zvyk_tabak	Chewing tobacco	4, 2-4 times per week 5, 5-6 times per week	Basic
k_ecigareta	E-cigarette	6, Once per day	Basic
k_nahr_nik_terap	Nicotine replacement therapy	7, 2-3 times per day 8, 4-5 times per day 9, 6 times per day	Basic
	Marijuana		
marihuana_kour	Have you smoked marijuana during the last 4 weeks?	1, Yes 2, No	Basic
marihuana_dny	If yes, on how many days?	text (integer)	Basic
marihuana_kolik	How many joints, on average, did you smoke on the days you smoked marijuana?	text (integer)	Basic
	Quit attempts		
odvykani	Have you ever made a serious attempt to stop smoking that has lasted at least one day (24 hours)?	1, Yes 2, No	Basic
odvykani_kolik	How many times?	text (integer)	Basic
odvykani_pocet	How many quit attempts lasted longer than 5 days?	text (integer)	Basic
koureni_duvod	What keeps you from quitting smoking? Mark all that apply	0, Unchecked 1, Checked	Basic
koureni_duvod___1	I enjoy smoking, I do not want to quit		
koureni_duvod___2	It is hard to break the habit		
koureni_duvod___3	I do not have the willpower		
koureni_duvod___4	I get anxious if I do not smoke		
koureni_duvod___5	I gain weight when I quit, or I am afraid of gaining weight if I quit		
koureni_duvod___6	Other reason		
koureni_duvod_spec	If other, please, specify	notes	Basic

5. Montreal Cognitive Assessment

The Montreal Cognitive Assessment (MoCA) is a brief test that helps detect cognitive impairments. 606 complete case reports are available.

Reference:https://www.mocatest.org/wp-content/uploads/2015/03/MoCA-7.1-Czech-Test-clarified1.pdf,https://www.mocatest.org/wp-content/uploads/2015/03/MoCA-Test-7.2-Czech.pdf,https://www.mocatest.org/wp-content/uploads/2015/03/MoCA-Test-7.3-Czech.pdf

Variable name	Parameter	Values	Type of data
moca_exec	Executive function	text (number)	Basic
moca_visspat	Visuospatial ability	text (number)	Basic
moca_short	Short-term memory	text (number)	Basic
moca_lang	Language	text (number)	Basic
moca_att	Attention, Concentration and Working Memory	text (number)	Basic
moca_temp	Temporal orientation	text (number)	Basic
moca_spatial	Spatial orientation	text (number)	Basic
montreal_score	Score	calculation	Advanced

6. Cogstate

The CogState "Brief Battery" was used 575 complete case reports are available.

Reference: https://www.cogstate.com/

Variable name	Parameter	Values	Type of data
cog_hand	Dominant hand	1, Right hand 2, Left hand	Basic
cog_date	Date of test	text	Basic
cog_time	Time of test	text	Basic
cog_lmn_idn	Speed of performance – Identification task	text (number, Min: 2, Max: 5)	Basic
cog_lmn_det	Speed of performance – Detection task	text (number, Min: 2, Max: 5)	Basic
cog_lmn_onb	Speed of performance – One-back memory task	text (number, Min: 2, Max: 5)	Basic
cog_acc_onb	Accuracy of performance – One-back memory task	text (number, Min: 0, Max: 1.5708)	Basic
cog_acc_ocl	Accuracy of performance – One-card learning task	text (number, Min: 0, Max: 1.5708)	Basic
cog_acc_idn	Accuracy of performance; arcsine transformation of the proportion of correct responses (Identification Task)	text (number; Min: 0, Max:1.5708)	Advanced
cog_cor_idn	Number of correct responses (Identification Task)	text (number; Min:0, Max: ∞)	Advanced
cog_err_idn	Number of errors (Identification Task)	text (number; Min: 0, Max: ∞)	Advanced
cog_sti_idn	Number of stimuli (Identification Task)	text (number; Min: 1, Max: ∞)	Advanced
cog_lsd_idn	Consistency of performance; standard deviation of the $\log_{10}$ transformed reaction times for correct responses (Identification Task)	text (number; Min: 0.01, Max: ∞)	Advanced
cog_acc_det	Accuracy of performance; arcsine transformation of the proportion of correct responses (Detection Task)	text (number, Min: 0, Max: 1.5708)	Advanced
cog_cor_det	Number of correct responses (Detection Task)	text (number; Min:0, Max: ∞)	Advanced
cog_err_det	Number of errors (Detection Task)	text (number; Min: 0, Max: ∞)	Advanced
cog_sti_det	Number of stimuli (Detection Task)	text (number; Min: 1, Max: ∞)	Advanced
cog_lsd_det	Consistency of performance; standard deviation of the $\log_{10}$ transformed reaction times for correct responses (Detection Task)	text (number; Min: 0.01, Max: ∞)	Advanced
cog_lmn_ocl	Speed of performance; mean of the log10 transformed reaction times for correct responses (One Card Learning)	text (number, Min: 2, Max: 5)	Advanced
cog_cor_ocl	Number of correct responses (One Card Learning)	text (number; Min:0, Max: ∞)	Advanced

cog_err_ocl	Number of errors (One Card Learning)	text (number; Min: 0, Max: ∞)	Advanced
cog_sti_ocl	Number of stimuli (One Card Learning)	text (number; Min: 1, Max: ∞)	Advanced
cog_lsd_ocl	Consistency of performance; standard deviation of the log_{10} transformed reaction times for correct responses (One Card Learning)	text (number; Min: 0.01, Max: ∞)	Advanced
cog_cor_onb	Number of correct responses (One Back Memory)	text (number; Min:0, Max: ∞)	Advanced
cog_err_onb	Number of errors (One Back Memory)	text (number; Min: 0, Max: ∞)	Advanced
cog_sti_onb	Number of stimuli (One Back Memory)	text (number; Min: 1, Max: ∞)	Advanced
cog_lsd_onb	Consistency of performance; standard deviation of the log_{10} transformed reaction times for correct responses (One Back Memory)	text (number; Min: 0.01, Max: ∞)	Advanced
cog_notes	Notes	notes	Basic

2. Examinations

1. Blood Pressure - Sphygmomanometer

596 complete case reports are available.

Variable name	Parameter	Explanatory notes	Values	Type of data
tm_puls	Pulse		text (integer, Min: 50, Max: 100)	Basic
tm_sys_tlak_sed_1	Systolic blood pressure 1. valid measurement - sitting		text (integer, Min: 70, Max: 180)	Basic
tm_dia_tlak_sed_1	Diastolic blood pressure 1. valid measurement - sitting		text (integer, Min: 50, Max: 100)	Basic
tm_sys_tlak_sed_2	Systolic blood pressure 2. valid measurement - sitting		text (integer, Min: 70, Max: 180)	Basic
tm_dia_tlak_sed_2	Diastolic blood pressure 2. valid measurement - sitting		text (integer, Min: 50, Max: 100)	Basic
tm_sys_tlak_sed_3	Systolic blood pressure 3. valid measurement - sitting		text (integer, Min: 70, Max: 180)	Basic
tm_dia_tlak_sed_3	Diastolic blood pressure 3. valid measurement - sitting		text (integer, Min: 50, Max: 100)	Basic

2. BpTRU

601 complete case reports are available.

Variable name	Parameter	Explanatory notes	Values	Type of data
bprtu_interval	Measuring interval		1, 1 minute 2, 2 minutes 3, 3 minutes 4, 4 minutes 5, 5 minutes	Basic
bptru_sys_tlak_1	Systolic blood pressure 1. valid measurement		text (integer), ACC 1.0 mmHg	Advanced
bptru_dia_tlak_1	Diastolic blood pressure 1. valid measurement		text (integer), ACC 1.0 mmHg	Advanced
bptru_puls_1	Pulse blood pressure 1. valid measurement		text (integer), ACC 1.0 bpm	Advanced
bptru_sys_tlak_2	Systolic blood pressure 2. valid measurement		text (integer), ACC 1.0 mmHg	Advanced
bptru_dia_tlak_2	Diastolic blood pressure 2. valid measurement		text (integer), ACC 1.0 mmHg	Advanced
bptru_puls_2	Pulse blood pressure 2. valid measurement		text (integer), ACC 1.0 bpm	Advanced
bptru_sys_tlak_3	Systolic blood pressure 3. valid measurement		text (integer), ACC 1.0 mmHg	Advanced
bptru_dia_tlak_3	Diastolic blood pressure 3. valid measurement		text (integer), ACC 1.0 mmHg	Advanced
bptru_puls_3	Pulse blood pressure 3. valid measurement		text (integer), ACC 1.0 bpm	Advanced
bptru_sys_tlak_4	Systolic blood pressure 4. valid measurement		text (integer), ACC 1.0 mmHg	Advanced
bptru_dia_tlak_4	Diastolic blood pressure 4. valid measurement		text (integer), ACC 1.0 mmHg	Advanced
bptru_puls_4	Pulse blood pressure 4. valid measurement		text (integer), ACC 1.0 bpm	Advanced
bptru_sys_tlak_5	Systolic blood pressure 5. valid measurement		text (integer), ACC 1.0 mmHg	Advanced
bptru_dia_tlak_5	Diastolic blood pressure 5. valid measurement		text (integer), ACC 1.0 mmHg	Advanced
bptru_puls_5	Pulse blood pressure 5. valid measurement		text (integer), ACC 1.0 bpm	Advanced
bptru_sys_tlak_avrg	Systolic blood pressure average	1. and 5. measurement excluded	calculation, ACC 1.0 mmHg	Basic
bptru_dia_tlak_avrg	Diastolic blood pressure average	1. and 5. measurement excluded	calculation, ACC 1.0 mmHg	Basic
bptru_puls_avrg	Pulse blood pressure average	1. and 5. measurement excluded	calculation, ACC 1.0 bpm	Basic

3. Holter

473 complete case reports are available.

Variable name	Parameter	Explanatory notes	Values	Type of data
hr_typ	Type of Holter		1, TM2430 2, Spacelab 90207-30	Basic
hr_sysbp_24h	Systolic blood pressure – 24 hours		text (integer)	Basic
hr_diabp_24h	Diastolic blood pressure – 24 hours		text (integer)	Basic
hr_map_24h	MAP – 24 hours		text (integer)	Basic
hr_pulspressure_24h	Pulse pressure – 24 hours		text (integer)	Basic
hr_hr_24h	Heart rate – 24 hours		text (integer)	Basic
hr_perc_sys_24h	Percent of Systolic above limits		text (integer)	Basic
hr_perc_dia_24h	Percent of Diastolic above limits		text (integer)	Basic
hr_sysbp_day	Systolic blood pressure – day		text (integer)	Basic
hr_diabp_day	Diastolic blood pressure – day		text (integer)	Basic
hr_map_day	MAP – day		text (integer)	Basic
hr_pulspressure_day	Pulse pressure – day		text (number)	Basic
hr_hr_day	Heart rate – day		text (number)	Basic
hr_perc_sys_day	Percent of Systolic reading > 135mmHg		text (integer)	Basic
hr_perc_dia_day	Percent of Diastolic reading > 85mmHg		text (integer)	Basic
hr_sysbp_night	Systolic blood pressure – night		text (integer)	Basic
hr_diabp_night	Diastolic blood pressure – night		text (integer)	Basic
hr_map_night	MAP – night		text (integer)	Basic
hr_pulspressure_night	Pulse pressure – night		text (integer)	text (integer)
hr_hr_night	Heart rate – night		text (integer)	text (integer)
hr_perc_sys_night	Percent of Systolic reading > 120mmHg		text (integer)	text (integer)
hr_perc_dia_night	Percent of Diastolic reading > 70mmHg		text (integer)	text (integer)
hr_count_wake	Number of measurements per day		text (integer)	text (integer)
hr_count_sleep	Number of measurements per night		text (integer)	text (integer)
hr_sysbp_24h_dip	Pressure drop		text (integer)	text (integer)

4. Breezing

507 complete case reports are available.

Variable name	Parameter	Explanatory notes	Values	Type of data
brz_val	Value (kCal/Day)		text (integer, Min: 800, Max: 4000)	Basic

5. InBody

599 complete case reports are available.

Variable name	Parameter	Explanatory notes	Values	Type of data
ib_norma_vahy	Target Weight	Inbody private formula. Ideal calculated weight.	text (number), ACC 0.1 kg	Advanced
ib_kontrola_vahy	Weight Control	Inbody formula. Weight control= ideal BMI*height^2.	text (number), ACC 0.1 kg	Advanced
ib_kontrola_tuku	Fat Control	Inbody private formula. Fat control = Calculation of the fat which needs to be reduce/gain.	text (number), ACC 0.1 kg	Advanced
ib_kontrola_svalstva	Muscle Control	Inbody private formula. Muscle control=Calculation of the muscle which needs to be reduce/gain.	text (number), ACC 0.1 kg	Advanced
ib_zhodnoc_kondice	Fitness Score	Inbody formula. Fitness score= (0.54987 * weight) + (0.01279 * SMM) - (1.85422 * BFM) + 75.67391.	text (number), ACC 1.0 point	Advanced
ib_zakl_metabol_mira	Basal Metabolic Rate	Inbody formula. Basal metabolic rate (BMR)= 21.6 x FFM(Kg)+370. For accurate value needs to be adjusted by Activity. Normal ranges can be exported.	text (number), ACC 1.0 kcal	Advanced
ib_min_kalor_potreba	Min. BMR	Inbody private formula.	text (number), ACC 1.0 kcal	Advanced
ib_max_kalor_potreba	Max. BMR	Inbody private formula.	text (number), ACC 1.0 kcal	Advanced
ib_mineral_v_kost	Bone Mineral Content	Inbody biomepedance result.Total weight of bone minerals (BMC). Normal ranges can be exported.	text (number), ACC 0.01 kg	Basic
ib_min_mineral_v_kost	Min. Bone Mineral Content	Inbody private formula.	text (number), ACC 0.01 kg	Advanced
ib_max_mineral_v_kost	Max. Bone Mineral Content	Inbody private formula.	text (number), ACC 0.01 kg	Advanced
ib_norm_mineral_v_kost	Target Bone Mineral Content	Inbody private formula.	text (number), ACC 0.01 kg	Advanced
ib_telni_bunky	Body Cell Mass	Inbody private formula. Total weight of all cell elements in the body (BCM). Normal range can be exported.	text (number), ACC 0.1 kg	Basic
ib_min_bunec_hmoty	Min. Body Cell Mass	Inbody private formula.	text (number), ACC 0.1 kg	Advanced

ib_max_teles_bunek	Max. Body Cell Mass	Inbody private formula.	text (number), ACC 0.1 kg	Advanced
ib_norm_bunec_hmoty	Target Body Cell Mass	Inbody private formula.	text (number), ACC 0.1 kg	Advanced
ib_stupen_obezity	Obesity Degree	Inbody formula. Obesity degree (OD) = (Current weight/Standard weight) * 100. Normal ranges can be export.	text (number), ACC 0.01 %	Advanced
ib_min_stupen_obezity	Min. Obesity Degree	Inbody formula minOD = 90% OD. The value always 90.	text (number), ACC 0.01 %	Advanced
ib_max_stupen_obezity	Max. Obesity Degree	Inbody formula maxOD = 110 % of OD. The value always 110.	text (number), ACC 0.01 %	Advanced
ib_oblast_utrob_tuk	Visceral Fat Area	Inbody bioimpedance result. Nomal cut off is 100 cm^2 for normal area.	text (number), ACC 0.1 cm^2	Basic
ib_such_sval_hmota	Dry Lean Mass	Inbody formula. Dry lean mass (DLM)=Weight–TBW-BFM. Dry lean mass represents weight of the protein and mineral content in the body. No normal ranges.	text (number), ACC 0.1 kg	Basic
ib_hmotnost	Weight	Inbody formula. Weight= TBW + Protein Mass + Mineral Mass + TFM. Normal ranges can be export.	text (number), ACC 0.01 kg	Basic
ib_min_hmotnost	Min. Weight	Inbody formula.Weight min= 85% of Target weight.	text (number), ACC 0.1 kg	Advanced
ib_max_hmotnost	Max. Weight	Inbody formula. Weight max= 115% of Target weight.	text (number), ACC 0.1 kg	Advanced
ib_koster_svalstvo	Skeletal Muscle Mass	Inbody bioimpedance result. Skeletal muscle mass (SMM). Normal range can be exported.	text (number), ACC 0.1 kg	Basic
ib_min_koster_svalstvo	Min. Skeletal Muscle Mass	Inbody formula. SMM min= 90% of Muscle control.	text (number), ACC 0.1 kg	Advanced
ib_max_koster_svalstvo	Max. Skeletal Muscle Mass	Inbody formula. SMM max= 110% of Muscle control.	text (number), ACC 0.1 kg	Advanced
ib_normhod_koster_sval	Target Skeletal Muscle Mass	Inbody private formula.	text (number), ACC 0.1 kg	Advanced
ib_bfm	Body Fat Mass	Inbody formula. BFM= 80subcutaneous+visceral fat. Normal ranges can be exported.	text (number), ACC 0.01 kg	Basic
ib_min_bfm	Min. Body Fat Mass	Inbody formula. BFM min for = 80% of target BFF. Target BFM for women= 23%, for men= 15 %	text (number), ACC 0.1 kg	Advanced
ib_max_bfm	Max. Body Fat Mass	Inbody formula. BFM max for = 160% of target BFF. Target BFM for women= 23%, for men= 15 %	text (number), ACC 0.1 kg	Advanced

ib_tuk_v_tele	Percent Body Fat	Inbody formula. Percent body fat (PBF)= BFM/ weight * 100. Normal range can be exported.	text (number), ACC 0.1 %	Basic
ib_min_tuk_v_tele	Min. Percent Body Fat	Inbody formula. PBF min for women= 18%, for men= 10%.	text (number), ACC 0.01 %	Advanced
ib_max_tuk_v_tele	Max. Percent Body Fat	Inbody formula. PBF min for women= 28%, for men= 20%.	text (number), ACC 0.01 %	Advanced
ib_norm_tuk_v_tele	Target Percent Body Fat	Inbody formula. TBF for women= 23%, for men=15%.	text (number), ACC 0.1 %	Advanced
ib_stupen_brisni_obez	Abdominal Obesity Degree	Inbody formula. Abdominal obesity degree (AOD)= (Current weight/norm weight) *100. Normal ranges can be exported.	text (number), ACC 0.01	Basic
ib_min_stupen_brisni_obez	Min. Abdominal Obesity Degree	Inbody formula. AOD min= 90% of AOD.	text (number), ACC 0.01	Advanced
ib_max_stupen_brisni_obez	Max. Abdominal Obesity Degree	Inbody formula. AOD max= 120% of AOD.	text (number), ACC 0.01	Advanced
ib_norm_stupen_brisni_obez	Target Abdominal Obesity Degree	Inbody formula. AOD target for women = 22%, for men =21,5%.	text (number), ACC 0.01	Advanced
ib_bmi	Body Mass Index	Official formula for BMI. Normal ranges can be exported.	text (number), ACC 0.1 kg/m^2	Basic
ib_bmi_min	Min. BMI	Inbody formula. BMI min= 18,5.	text (number), ACC 0.1 kg/m^2	Advanced
ib_bmi_max	Max. BMI	Inbody formula. BMI min= 25	text (number), ACC 0.1 kg/m^2	Advanced
ib_bmi_norm	Target BMI	Is not calculated at our study.	text (number), ACC 0.1 kg/m^2	Basic
ib_vaha_vs_norma	Current Weight Compared to Target Weight in Percentage	Inbody formula. Ratio of the current weight to the target weight *100.	text (number), ACC 0.1 %	Advanced
ib_sval_hm_pr	Right Arm Lean Mass	Inbody bioimpedance result. Lean body mass (LBM) of the right arm.	text (number), ACC 0.1 kg	Basic
ib_sval_hm_pr_proc	Lean Mass of Right Arm in Percentage	Lean body mass of the right arm in %.	text (number), ACC 0.1 %	Basic
ib_sval_hm_pr_norm	Target Lean Mass of Right Arm in Percentage	Inbody private formula.	text (number), ACC 0.1 %	Advanced
ib_sval_hm_lr	Left Arm Lean Mass	Inbody bioimpedance result. Lean body mass (LBM) of the left arm.	text (number), ACC 0.1 kg	Basic
ib_sval_hm_lr_proc	Lean Mass of Left Arm in Percentage	Lean body mass of the left arm in %.	text (number), ACC 0.1 %	Basic
ib_sval_hm_lr_norm	Target Lean Mass of Left Arm in Percentage	Inbody private formula.	text (number), ACC 0.1 %	Advanced

ib_sval_trup	Trunk Lean Mass	Inbody bioimpedance result. Lean body mass (LBM) of the trunk.	text (number), ACC 0.1 kg	Basic
ib_sval_trup_proc	Lean Mass of Trunk in Percentage	Lean body mass of the trunk in %.	text (number), ACC 0.1 %	Basic
ib_sval_trup_proc_norm	Target Lean Mass of Trunk in Percentage	Inbody private formula.	text (number), ACC 0.1 %	Advanced
ib_sval_hm_pn	Right Leg Lean Mass	Inbody bioimpedance result. Lean body mass (LBM) of the right leg.	text (number), ACC 0.1 kg	Basic
ib_sval_hm_pn_proc	Lean Mass of Right Leg in Percentage	Lean body mass of the right leg in %.	text (number), ACC 0.1 %	Basic
ib_sval_hm_pn_proc_norm	Target Lean Mass of Right Leg in Percentage	Inbody private formula.	text (number), ACC 0.1 %	Advanced
ib_sval_hm_ln	Left Leg Lean Mass	Inbody bioimpedance result. Lean body mass (LBM) of the left leg.	text (number), ACC 0.1 kg	Basic
ib_sval_hm_ln_proc	Lean Mass of Left Leg in Percentage	Lean body mass of the left leg in %.	text (number), ACC 0.1 %	Basic
ib_sval_hm_ln_proc_norm	Target Lean Mass of Left Leg in Percentage	Inbody private formula.	text (number), ACC 0.1 %	Advanced
ib_intracel_voda	Intracellular Water Mass	Inbody bioimpedance result. Intracellular water mass (ICW) Normal ranges can be exported.	text (number), ACC 0.1 l	Basic
ib_min_intracel_voda	Min. Intracellular Water Mass	Inbody private formula.	text (number), ACC 0.1 l	Advanced
ib_max_intracel_voda	Max. Intracellular Water Mass	Inbody private formula.	text (number), ACC 0.1 l	Advanced
ib_nedmer_vody_v_tele	Extracellular Water Mass	Inbody bioimpedance result. Exrtacelular water mass (ECW). Normal ranges can be exported.	text (number), ACC 0.1 l	Basic
ib_min_extracel_vody	Min. Extracellular Water Mass	Inbody private formula.	text (number), ACC 0.1 l	Advanced
ib_max_extracel_vody	Max. Extracellular Water Mass	Inbody private formula.	text (number), ACC 0.1 l	Advanced
ib_mnoztvi_protein	Protein Mass	Inbody bioimpedance result. Normal ranges can be exported.	text (number), ACC 0.1 kg	Basic
ib_min_mnoztvi_protein	Min. Protein Mass	Inbody private formula.	text (number), ACC 0.1 kg	Advanced
ib_max_mnoztvi_protein	Max. Protein Mass	Inbody private formula.	text (number), ACC 0.1 kg	Advanced
ib_mineral	Mineral Mass	Inbody bioimpedance result. Normal ranges can be exported.	text (number), ACC 0.1 kg	Basic
ib_min_mineral	Min. Mineral Mass	Inbody private formula.	text (number), ACC 0.1 kg	Advanced

ib_max_mineral	Max. Mineral Mass	Inbody private formula.	text (number), ACC 0.1 kg	Advanced
ib_celkova_voda_v_tele	Total Body Water Mass	Inbody formula. Total body water mass (TBW)= ECW+ICW.	text (number), ACC 0.1 l	Basic
ib_koster_svalstvo_tk	Skeletal Lean Mass	Inbody formula. Skeletal lean mass (SLM)= Total body water (TBW)+Proteins+ nonosseus minerals.	text (number), ACC 0.1 kg	Basic
ib_cista_hmotnost	Fat Free Mass	Inbody formula. Fat free mass (FFM)= SLM+osseus minerals.	text (number), ACC 0.1 kg	Basic
ib_norm_voda_v_tele	Target Intracellular Water Mass	Inbody private formula.	text (number), ACC 0.1 l	Advanced
ib_norm_extracel_vody	Target Extracellular Water Mass	Inbody private formula.	text (number), ACC 0.1 l	Advanced
ib_norm_voda_v_tele_tk	Target Total Body Water Mass	Inbody private formula.	text (number), ACC 0.1 l	Advanced
ib_norm_mnoztvi_protein	Target Protein Mass	Inbody private formula.	text (number), ACC 0.1 kg	Advanced
ib_norm_mineral	Target Mineral Mass	Inbody private formula.	text (number), ACC 0.1 kg	Advanced
ib_edema_index1	Edema Index 1	Inbody formula. retension of the body water (edema). Edema index 1= ECW/TBW. Normal inbody range is 0,360-0,390.	text, ACC 0.001	Basic
ib_edema_index2	Edema Index 2	Inbody formula. Retension of the body fluid. Edema index 2 = ECF/TBF. Normal inbody range is 0,310-0,350.	text, ACC 0.001	Basic
ib_edema_index_1_r_arm	Edema Index 1 of Right Arm	Inbody formula. Edema index 1 (right arm)= ECW/TBW of right arm segment. No normal ranges.	text, ACC 0.001	Advanced
ib_edema_index_1_l_arm	Edema Index 1 of Left Arm	Inbody formula. Edema index 1 (left arm)= ECW/TBW of left arm segment. No normal ranges.	text, ACC 0.001	Advanced
ib_edema_index_1_trunk	Edema Index 1 of Trunk	Inbody formula. Edema index 1 (trunk)= ECW/TBW of left trunk segment. No normal ranges.	text, ACC 0.001	Advanced
ib_edema_index_1_r_leg	Edema Index 1 of Right Leg	Inbody formula. Edema index 1 (right leg)= ECW/TBW of right leg segment. No normal ranges.	text, ACC 0.001	Advanced
ib_edema_index_1_l_leg	Edema Index 1 of Left Leg	Inbody formula. Edema index 1 (left leg)= ECW/TBW of left leg segment. No normal ranges.	text, ACC 0.001	Advanced
ib_edema_index_2_r_arm	Edema Index 2 of Right Arm	Inbody formula Edema index 2 (right arm) = ECF/TBFin the right arm segment. No normal ranges.	text, ACC 0.001	Advanced

ib_edema_index_2_l_arm	Edema Index 2 of Left Arm	Inbody formula. Edema index 2 (left arm) = ECF/TBF. in the left arm segment. No normal ranges.	text, ACC 0.001	Advanced
ib_edema_index_2_trunk	Edema Index 2 of Trunk	Inbody formula. Edema index 2 (trunk) = ECF/TBF. in the trunk segment. No normal ranges.	text, ACC 0.001	Advanced
ib_edema_index_2_l_leg	Edema Index 2 of Left Leg	Inbody formula. Edema index 2 (left leg) = ECF/TBF. in the left arm segment. No normal ranges.	text, ACC 0.001	Advanced
ib_edema_index_2_r_leg	Edema Index 2 of Right Leg	Inbody formula. Edema index 2 (right leg) = ECF/TBF. in the right leg segment. No normal ranges.	text, ACC 0.001	Advanced
ib_obvod_krk	Neck Circumference	Inbody bioimpedance result. Based on the ascertained and measuring the part just below the larynx. . No normal ranges.	text, ACC 0.1 cm	Basic
ib_obvod_hrud	Chest Circumference	Inbody bioimpedance result. Based on the ascertained and measuring the width of the chest. No normal ranges.	text, ACC 0.1 cm	Basic
ib_obvod_bricho	Abdomen Circumference	Inbody bioimpedance result. Based on the ascertained and measuring the navel line. No normal ranges.	text, ACC 0.1 cm	Basic
ib_obvod_boky	Hip Circumference	Inbody bioimpedance result. Based on the ascertained and measuring protruding part of the hip. No normal ranges.	text, ACC 0.1 cm	Basic
ib_obvod_p_r	Right Arm Circumference	Inbody bioimpedance result. Based on the ascertained and measuring from the acromion to the 1/2 point of the elbow. No normal ranges.	text, ACC 0.1 cm	Basic
ib_obvod_l_r	Left Arm Circumference	Inbody bioimpedance result. Based on the ascertained and measuring from the acromion to the 1/2 point of the elbow. No normal ranges.	text, ACC 0.1 cm	Basic
ib_obvod_l_n	Left Thigh Circumference	Inbody bioimpedance result. Based on the ascertained and measuring the point from the parallel line of the navel to the 2/3 point of the knee bone. No normal ranges.	text, ACC 0.1 cm	Basic

ib_obvod_p_n	Right Thigh Circumference	Inbody bioimpedance result. Based on the ascertained and measuring the point from the parallel line of the navel to the 2/3 point of the knee bone. No normal ranges.	text, ACC 0.1 cm	Basic
ib_edema_amc	AMC	Inbody bioimpedance result. Circumference of the left upper arm. No normal ranges.	text, ACC 0.1 cm	Advanced

6. Echocardiography ultrasound

605 complete case reports are available.

Variable name	Parameter	Explanatory notes	Values	Type of data
echo_ao_asc	Ascending aorta diameter		text (number), ACC 0.1 cm	Basic
echo_ao_diam	Aortic Valsalva sinus diameter		text (number), ACC 0.1 cm	Basic
echo_av_maxpg	Aortic valve peak pressure gradient		text (number), ACC 0.01 mmHg	Basic
echo_av_vmax	Aortic valve peak velocity		text (number), ACC 0.01 m/s	Basic
echo_ee	Ratio early diastolic ow/ early diastolic peak velocity – Mi septal		text (number), ACC 0.01	Basic
echo_ef_teich	Ejection fraction in PLAX (Teichholz formula)		text (number), ACC 1.0 %	Basic
echo_ivc	Vena cava inferior		text (number), ACC 0.01 mm	Basic
echo_ivsd	Intraventricular septum – end diastole		text (number), ACC 0.1 cm	Basic
echo_la_diam	Left ventricle diameter		text (number), ACC 0.1 cm	Basic
echo_lvidd	Left ventricle diameter – end diastole		text (number), ACC 0.1 cm	Basic
echo_lvids	Left ventricle diameter – end systole		text (number), ACC 0.1 cm	Basic
echo_lvot_diam	Left ventricle outflow tract diameter - mid systolic		text (number), ACC 0.1 cm	Basic
echo_lvot_maxpg	Left ventricle outflow tract peak pressure gradient		text (number), ACC 0.01 mmHg	Basic
echo_lvot_vmax	Left ventricle outflow tract peak velocity		text (number), ACC 0.01 m/s	Basic
echo_lvpwd	Left ventricle posterior wall diameter – end diastole		text (number), ACC 0.1 cm	Basic
echo_mapse	Mitral annular plane systolic excursion		text (number), ACC 0.1 cm	Basic
echo_mv_ea_ratio	Mitral Valve E-Peak to A-Peak Ratio		text (number), ACC 0.01	Basic
echo_pv_maxpg	Pulmonic valve peak pressure gradient		text (number), ACC 0.01 mmHg	Advanced
echo_pv_vmax	Pulmonic valve peak velocity		text (number), ACC 0.01 m/s	Advanced
echo_rvidd	Right ventricle diameter – end diastole		text (number), ACC 0.1 cm	Basic
echo_tapse	Tricuspid annular plane systolic excursion		text (number), ACC 0.1 cm	Basic
echo_tr_maxpg	Tricuspid regurgitation peak pressure gradient		text (number), ACC 0.01 mmHg	Basic
echo_tr_vmax	Tricuspid regurgitation peak velocity		text (number), ACC 0.01 m/s	Basic
echo_note	Notes		notes	Basic

7. Carotid Ultrasound

509 complete case reports are available.

Variable name	Parameter	Explanatory notes	Values	Type of data
carotid_qimt_avg	Average value of QIMT of both sides of carotids (2 values)	QIMT - Quality intima media thickness (official parameters name by ESAOTE)	text (number), ACC 1.0 um	Basic
carotid_qimt_rf	Maximum measured value of QIMT on both carotids	RF - radio frequency (ESOTE certified technique of obtaining QIMT)	text (number), ACC 1.0 um	Basic
carotid_qimt_sd	Standard deviation of the QIMT (RF)		text (number), ACC 0.01 mm	Advanced
carotid_diam	Maximum measured diameter of the lumen on both carotids		text (number), ACC 1.0 mm	Basic
carotid_diam_sd	Standard deviation of the lumen diameter		text (number), ACC 0.01 mm	Advanced
carotid_width	Area of interest	Technical parameter (standard 14mm)	text (number), ACC 1.0 mm	Basic
carotid_exp_qimt	Expected QIMT	ESAOTE private formula based on gender, age and ethnicity.	text (number), ACC 1.0 um	Advanced