



Brain and Heart Health (BHH) - Phase 2



Field	Question
dc_namelist <i>(required)</i>	Please select your name:
dc_id	Please key in your password: <i>Question relevant when: string-length(\${sensitive_response})=0</i> <i>Response constrained to: .= \${dc_namelist}</i>
participants_name_search	Search the respondent's name:
participants_name_searchlist <i>(required)</i>	Please select the respondent's name:
STATUS_OVERVIEW	
injected_name	Respondent's name
injected_ic	Respondent's NRIC/DOB
hhlD <i>To check attached dataset and add formula in calculation @NRL</i>	Respondent's ID
tel <i>To add telefon number and field note for reference</i>	Phone number
status <i>(required)</i> <i>To add requirement.</i>	Respondent's Status:
visit_no <i>(required)</i>	Total house visit frequency: <i>Response constrained to: (.>0 and .<=10) or (.>=0 and .<=10 and \${status} ='D') or (.>=0 and .<=10 and \${status} ='U')</i>
GPSreminder	Reminder: Turn on GPS
VERIFICATION <i>Group relevant when: \${status} ='A' or \${status} ='D' or \${status} ='U'</i>	
verify	Personal information
verify_name <i>(required)</i>	[injected_name]
verify_IC <i>(required)</i>	[injected_ic]
verify_add <i>(required)</i>	[add]
ic_data <i>To insert IC function @NRL</i>	Please scan the respondent's NRIC using IC reader. <i>Question relevant when: \${verify_name} =2 or \${verify_IC} =2 or \${verify_add} =2</i>
scanic <i>(required)</i>	Were you able to scan the respondent's NRIC? <i>Question relevant when: \${verify_name} =2 or \${verify_IC} =2 or \${verify_add} =2</i>
add_match <i>(required)</i>	Does the address scanned match the house address? <i>Question relevant when: \${verify_add} =2 and \${scanic} =1</i>
ic_new <i>(required)</i>	Enter NRIC number. <i>Question relevant when: (\${scanic} =3 or \${scanic} =5 or \${scanic} =6) and \${verify_IC} =2</i> <i>Response constrained to: regex(., ^\d{d}(0[1-9] 1[012])(0[1-9] 1[12] 0-9 3[01]) 0-9 [2] 0-9 [4])\$')</i>
ic_newrep <i>(required)</i>	Enter NRIC number (repeat). <i>Question relevant when: (\${scanic} =3 or \${scanic} =5 or \${scanic} =6) and \${verify_IC} =2</i> <i>Response constrained to: .= \${ic_new}</i>
type_id <i>(required)</i>	What other identification does the respondent have? <i>Question relevant when: (\${verify_name} =2 or \${verify_add} =2) and (\${scanic} =2 or \${scanic} =4)</i>
OTHER_ID <i>Group relevant when: \${type_id} =1 or \${type_id} =2 or \${type_id} = 3</i>	
id_new <i>(required)</i>	Please enter the ID number.

Field	Question
type_id_other <i>(required)</i>	Please specify other ID. <i>Question relevant when:</i> \${type_id} =0
name_new <i>(required)</i>	What is the respondent's name? <i>Please use all CAPITAL LETTERS to answer this question and insert full name including 'BIN', 'BINTI' or 'A/P' (if any); Eg: AISYA DHIYARANA BINTI DANIEL ASHRAF</i> <i>Question relevant when:</i> \${verify_name} =2 <i>Response constrained to:</i> regex(., ^\s*[A-Z/@ s + s*\$)
add_newwhole <i>(required)</i>	Enter the respondent's residential address: <i>Question relevant when:</i> \${verify_add} =2 <i>Response constrained to:</i> regex(., ^\s*[-A-Z/0-9/@ ./ (/? </> !/"':; =/*&!\$ + s*\$)
ADD_NEW <i>Group relevant when:</i> \${verify_add} =2	
HouseDetails_new <i>(required)</i>	Enter the respondent's residential address:
HouseDetails_Mukim_new <i>(required)</i>	Which Mukim is that dwelling in?
HouseDetails_Batu_new <i>(required)</i>	Which Batu is that dwelling along? <i>Response constrained to:</i> regex(., ^\s*[A-Z0-9*/@ - s + s*\$)
HouseDetails_Area_new <i>(required)</i>	Type of the Taman/Kampung/Felda/Felcra/Quarters of that dwelling?
HouseDetails_Area2_new <i>(required)</i>	Please specify the Taman/Kampung/Felda/Felcra/Quarters of that dwelling. <i>Do not include "Taman/Kampung/Felda/Felcra/Quarters" as part of the answer (i.e: If "Taman Segar", then only type "SEGAR"; If "Kampung Lubok Batu", then only type "LUBOK BATU", or If "Felda Medor"</i> <i>Response constrained to:</i> regex(., ^((?!Taman TAMAN taman Tmn TMN tmn)Kampung KAMPUNG kampung Kg KG kg Kmpg KMpg kmpg Kpg KPG kpg Kmpng KMPNG kmpng Felda FELDA)felda Quarters QUARTERS quarters)\$ and regex(., ^\s*[A-Z0-9*/@ - s + s*\$)
HouseDetails_Area3_new <i>(required)</i>	Type of the Taman/Kampung/Felda/Felcra/Quarters of that dwelling?
HouseDetails_Area4_new <i>(required)</i>	Please specify the Taman/Kampung/Felda/Felcra/Quarters of that dwelling. <i>Do not include "Taman/Kampung/Felda/Felcra/Quarters" as part of the answer (i.e: If "Taman Segar", then only type "SEGAR"; If "Kampung Lubok Batu", then only type "LUBOK BATU", or If "Felda Medor"</i> <i>Response constrained to:</i> regex(., ^((?!Taman TAMAN taman Tmn TMN tmn)Kampung KAMPUNG kampung Kg KG kg Kmpg KMpg kmpg Kpg KPG kpg Kmpng KMPNG kmpng Felda FELDA)felda Quarters QUARTERS quarters)\$ and regex(., ^\s*[A-Z0-9*/@ - s + s*\$)
HouseDetails_Street_new <i>(required)</i>	Type of the Street/Lorong of that dwelling?
HouseDetails_Street2_new <i>(required)</i>	Please specify the Street name/Lorong of that dwelling. <i>Do not include "Jalan/Lorong" as part of the answer (i.e: If "Jalan Asam" or "Lorong Limau, then only type "ASAM" or "LIMAU")</i> <i>Response constrained to:</i> regex(., ^((?!Jalan JALAN jalan Jln JLN jln Jaln JALN jaln Jlan JLAN jian Lorong LORONG lorong Lrg LRG lrg Lrng LRNG lrng).)*\$) and regex(., ^\s*[A-Z0-9*/@ - s + s*\$)
HouseDetails_Street3_new <i>(required)</i>	Type of the Street/Lorong of that dwelling?
HouseDetails_Street4_new <i>(required)</i>	Please specify the Street name/Lorong of that dwelling. <i>Do not include "Jalan/Lorong" as part of the answer (i.e: If "Jalan Asam" or "Lorong Limau, then only type "ASAM" or "LIMAU")</i> <i>Response constrained to:</i> regex(., ^((?!Jalan JALAN jalan Jln JLN jln Jaln JALN jaln Jlan JLAN jian Lorong LORONG lorong Lrg LRG lrg Lrng LRNG lrng).)*\$) and regex(., ^\s*[A-Z0-9*/@ - s + s*\$)
HouseDetails_Number_new <i>(required)</i>	Type of the Lot number/House number/Pole number of that dwelling?
HouseDetails_Number2_new <i>(required)</i>	Please specify the Lot number/House number/Pole number of that dwelling. <i>Please DO NOT include "Lot" as part of the answer (i.e: if the house number is Lot 23A, then type "23A") OR DO NOT include "No" as part of the answer (i.e: if the house number is No 23A, then type "23A")</i> <i>Response constrained to:</i> regex(., ^((?!LOT Lot lot NO NO. No No. NOMBOR nombor Number NUMBER).)*\$) and regex(., ^\s*[A-Z0-9*/@ - s + s*\$)
HouseDetails_Number3_new <i>(required)</i>	Type of the Lot number/House number/Pole number of that dwelling?
HouseDetails_Number4_new <i>(required)</i>	Please specify the Lot number/House number/Pole number of that dwelling. <i>Please DO NOT include "Lot" as part of the answer (i.e: if the house number is Lot 23A, then type "23A") OR DO NOT include "No" as part of the answer (i.e: if the house number is No 23A, then type "23A")</i> <i>Response constrained to:</i> regex(., ^((?!LOT Lot lot NO NO. No No. NOMBOR nombor Number NUMBER).)*\$) and regex(., ^\s*[A-Z0-9*/@ - s + s*\$)
warn_add <i>(required)</i>	Warning: ERROR FOUND [erroradd1] [erroradd2] [erroradd3] <i>Question relevant when:</i> (\${HouseDetails_Area_new} =6 and \${HouseDetails_Area3_new} !=6) or (\${HouseDetails_Street_new} =3 and \${HouseDetails_Street3_new} !=3) or (\${HouseDetails_Street2_new} =3 and \${HouseDetails_Street4_new} !=3)
CONSENT <i>Group relevant when:</i> \${status} = A'	

Field	Question
language <i>(required)</i>	What is the language chosen for the interview?
valid <i>(required)</i>	Read out the information sheet and ask the respondent to summarise back. Do you think that the respondent can comprehend, summarize well and give a valid consent ?
consent_method <i>(required)</i> <div>To add PDPA, info sheet and consent screenshot</div>	Give [consent_by] a consent form, information sheet and PDPA sheet. Does the [consent_by] prefer a signed consent form or a video recording? <i>Question relevant when: \${consent_by} !="</i>
CONSENT > CONSENT_STAT <i>Group relevant when: \${consent_method} =1</i>	
consent_01	I consent to the following:
consent_02 <i>(required)</i>	To be interviewed by the data collector*
consent_03 <i>(required)</i>	To allow the interview to be audio-taped and/or video-taped
consent_04 <i>(required)</i>	To have my physical measurements and blood pressure taken*
consent_05 <i>(required)</i>	To take my finger prick blood sample for blood sugar measurement*
consent_06 <i>(required)</i>	To be examined using computed tomography (CT) scan of brain, if requested
consent_07	I further understand that:
consent_08 <i>(required)</i>	My participation is voluntary and I may withdraw from the data collection at any time without any penalty or disadvantage*
consent_09 <i>(required)</i>	I may withdraw from the study at any future time. On my withdrawal, all my identifying information on the database will be destroyed, but my anonymised, non-identifiable data will remain.
consent_10 <i>(required)</i>	CT scan has a very small risk associated with radiation exposure. The dose of radiation used for CT scan is carefully controlled to ensure the smallest possible amount is used that will still provide the necessary information. There are no significant risks and complications.
consent_11 <i>(required)</i>	Any information I provide is confidential. Without my expressed permission, no information arising from the research that could lead to my identification will be disclosed in any reports or publications.
consent_12 <i>(required)</i>	The data will be kept in secure storage and only accessible to the research team.*
consent_13 <i>(required)</i>	Data may be released for analysis to other researchers after identifying information has been removed.*
warn_consent <i>(required)</i>	Warning: Respodent MUST consent to all statements with asterisk (*) Change Status to REJECT if respondent refuses to consent. <i>Question relevant when: \${consent_02} =2 or \${consent_08} =2 or \${consent_04} =2 or \${consent_05} =2 or \${consent_09} =2 or \${consent_11} =2 or \${consent_12} =2 or \${consent_13} =2</i>
sign <i>(required)</i>	[consent_by]'s signature <i>Question relevant when: \${consent_method} =1</i>
consent_video <i>(required)</i>	Record consent statement given by [consent_by]. <i>Question relevant when: \${consent_method} =2</i>
CONSENT > RELATIVE <i>Group relevant when: \${valid} =2</i>	
sign_name <i>(required)</i>	Relative's full name <i>Please use all CAPITAL LETTER to answer this question and insert full name including 'BIN', 'BINTI' or 'A/P' (if any); Eg: AISYA DHIYARANA BINTI DANIEL ASHRAF</i> <i>Response constrained to: regex(., ^\s*[-A-Z/0-9/@/./_](/)/+/?/<> '"/:./=/*&!\$]+s*\$)</i>
sign_relation <i>(required)</i>	The relative's relationship to the respondent
sign_relationother <i>(required)</i>	Please specify the relationship. <i>Please use all CAPITAL LETTERS</i> <i>Question relevant when: \${sign_relation} =0</i> <i>Response constrained to: regex(., ^\s*[-A-Z/0-9/@/./_](/)/+/?/<> '"/:./=/*&!\$]+s*\$)</i>
INTERVIEW <i>Group relevant when: \${sign} !=" or \${consent_video} !="</i>	

Field	Question
bp_test <i>(required)</i>	Is the respondent willing to have his/her blood pressure measured?
bp_date <i>(required)</i>	When was blood pressure measurement taken? <i>Enter "01-01-2001" if do not know. Enter as the first of the applicable month if the exact date is not known.</i> <i>Question relevant when: \${bp_test} =4 or \${bp_test} =3</i> <i>Response constrained to: (. <=today())</i>
bp_num <i>(required)</i>	How many measurements did he/she have? <i>Question relevant when: \${bp_test} =4</i>
bp_no <i>(required)</i>	What is the reason? <i>Please use all CAPITAL LETTERS</i> <i>Question relevant when: \${bp_test} =5</i> <i>Response constrained to: regex(., ^\s*[-A-Z/0-9/@/./_](/)/+/?/<> ./!/:/=/*/&!\$]+ls*\$)</i>
INTERVIEW > Blood pressure measurement: <i>Group relevant when: \${bp_test} =1</i>	
bp_id <i>(required)</i>	Enter device ID for blood pressure (number only) <i>Response constrained to: .>0 and .<10000</i>
bp_1 <i>(required)</i>	Which arm will you use for BP measurement, it should be the left.
bp_2 <i>(required)</i> <div>Should add constraint</div>	Arm circumference (cm) <i>Response constrained to: . <60</i>
bp_3 <i>(required)</i>	Cuff size
INTERVIEW > Blood Pressure (1) <i>Group relevant when: \${bp_test} =1 or \${bp_test} =4</i>	
bp_s <i>(required)</i>	Systolic (mmHg) <i>Response constrained to: .>29 and .<251 or . =0</i>
bp_d <i>(required)</i>	Diastolic (mmHg) <i>Response constrained to: (.>29 and .<181) and .< \${bp_s} or . =0</i>
bp_hr <i>(required)</i>	Heart Rate (beats per minute) <i>Response constrained to: (.>29 and .<151) or . =0</i>
bp_prob <i>(required)</i>	Any problems with BP measurement (e.g., misplaced cuff)? <i>Question relevant when: \${bp_test} =1</i>
INTERVIEW > Blood Pressure (2) <i>Group relevant when: \${bp_test} =1 or \${bp_test} =4</i>	
bp_s <i>(required)</i>	Systolic (mmHg) <i>Response constrained to: .>29 and .<251 or . =0</i>
bp_d <i>(required)</i>	Diastolic (mmHg) <i>Response constrained to: (.>29 and .<181) and .< \${bp_s} or . =0</i>
bp_hr <i>(required)</i>	Heart Rate (beats per minute) <i>Response constrained to: (.>29 and .<151) or . =0</i>
bp_prob <i>(required)</i>	Any problems with BP measurement (e.g., misplaced cuff)? <i>Question relevant when: \${bp_test} =1</i>
INTERVIEW > Blood Pressure (3) <i>Group relevant when: \${bp_test} =1 or \${bp_test} =4</i>	
bp_s <i>(required)</i>	Systolic (mmHg) <i>Response constrained to: .>29 and .<251 or . =0</i>
bp_d <i>(required)</i>	Diastolic (mmHg) <i>Response constrained to: (.>29 and .<181) and .< \${bp_s} or . =0</i>
bp_hr <i>(required)</i>	Heart Rate (beats per minute) <i>Response constrained to: (.>29 and .<151) or . =0</i>
bp_prob <i>(required)</i>	Any problems with BP measurement (e.g., misplaced cuff)? <i>Question relevant when: \${bp_test} =1</i>
unusualbp <i>(required)</i>	Warning: Systolic is not between 100 to 170 OR Diastolic is not between 50 to 100 OR Heart rate is not between 50 to 100 Tick to confirm. <i>Question relevant when: indexed-repeat(\${bp_s} , \${BP1} , 1)<=100 or indexed-repeat(\${bp_s} , \${BP1} , 2)<=100 or indexed-repeat(\${bp_s} , \${BP1} , 3)<=100 or indexed-repeat(\${bp_s} , \${BP1} , 3)>=120 or indexed-repeat(\${bp_d} , \${BP1} , 1)<=50 or indexed-repeat(\${bp_d} , \${BP1} , 2)<=50 or indexed-repeat(\${bp_d} , \${BP1} , 3)<=50 or indexed-repeat(\${bp_d} , \${BP1} , 3)>=100 or indexed-repeat(\${bp_d} , \${BP1} , 3)>=100 or indexed-repeat(\${bp_hr} , \${BP1} , 1)<=50 or indexed-repeat(\${bp_hr} , \${BP1} , 2)<=50 or indexed-repeat(\${bp_hr} , \${BP1} , 2)>=100 or indexed-repeat(\${bp_hr} , \${BP1} , 3)>=100</i>
bp_probyes <i>(required)</i>	What is the problem? <i>Please use all CAPITAL LETTERS</i> <i>Question relevant when: indexed-repeat(\${BP1}/bp_prob , \${BP1} , 1)=1 or indexed-repeat(\${BP1}/bp_prob , \${BP1} , 2)=1 or indexed-repeat(\${BP1}/bp_prob , \${BP1} , 3)=1</i> <i>Response constrained to: regex(., ^\s*[-A-Z/0-9/@/./_](/)/+/?/<> ./!/:/=/*/&!\$]+ls*\$)</i>

Field	Question
bp_4 (required)	During the past 2 weeks before the measurement , have you been treated for raised blood pressure with drugs (medication) prescribed by a doctor or other health worker? <i>Question relevant when: \${bp_test} =1 or \${bp_test} =4</i>
memory_note	"Now I am going to ask you certain questions and make you perform certain tasks, in order to assess your memory. You will be scored based on your answers and will help you know if y
INTERVIEW > MMSE	
MMSE_01	Mini Mental State Examination. Can he/she state the following correctly?
MMSE_02 (required)	Year [2018]
MMSE_03 (required)	Month
MMSE_04 (required)	Date [2022-06-28]
MMSE_05 (required)	Day
MMSE_06 (required)	Time <i>Note: +-1 hour is considered correct. E.g: If the time is 10 am , any time from 9 am to 11 am should be scored one point.</i>
MMSE_07 (required)	Where are we now?: Country [Malaysia]
MMSE_08 (required)	State [Johor]
MMSE_09 (required)	Town
MMSE_10 (required)	Street
MMSE_11 (required)	Room
INTERVIEW > MMSE2	
MMSE_12	Read out the instruction to the respondent, and then read out the words with a pause in between. "Now I will tell you 3 objects. Please listen to them carefully. I will not repeat it. You have to repeat the three words to me after that. The words are Lemon, Key, Balloon . Please try to rep
MMSE_13 (required)	Lemon
MMSE_14 (required)	Key
MMSE_15 (required)	Balloon
MMSE_16 (required)	Count and record the trials. Number of trials. (maximum 6) <i>Repeat them until he/she learns all of them, if possible.</i>
MMSE_16b	"Please remember the words. I will ask you sometime later."
INTERVIEW > MMSE3	
MMSE_17	Ask the patient to begin with 100 and count backward by 7. Stop after 5 subtractions (93, 86, 79, 72, 65). Score the total number of correct answers. <i>Scoring instruction: The subtractions are scored independently</i>
MMSE_18pre (required)	First calculation
MMSE_19pre (required)	Second calculation
MMSE_20pre (required)	Third calculation
MMSE_21pre (required)	Fourth calculation
MMSE_22pre (required)	Fifth calculation
INTERVIEW > MMSE4	
MMSE_23	"Earlier I told you the names of three things. Can you tell me what those were?"
MMSE_24 (required)	Lemon
MMSE_25 (required)	Key
MMSE_26 (required)	Balloon
INTERVIEW > MMSE5	
MMSE_27	Can you identify the following?
MMSE_28 (required)	 Image 1
MMSE_29 (required)	 Image 2
MMSE_30 (required)	Now I will read out a phrase. Please listen carefully. I will not repeat. You have to repeat it exactly the same. "No, ifs, ands, or buts" <i>Give one point if he/she can tell it back exactly the same way.</i>
INTERVIEW > MMSE6	
MMSE_31	Keep a sheet of paper near the respondent. "Please follow a 3 stage command I am going to tell you. Take a paper in your right hand, fold it in half, and put it on the floor. " <i>Give one point for each correct step.</i>



Field	Question
MMSE_32 <i>(required)</i>	Take a paper in your right hand
MMSE_33 <i>(required)</i>	Fold it in half
MMSE_34 <i>(required)</i>	Put it on the floor
MMSE_35 <i>(required)</i>	Ask him/her to write a sentence on the paper. Do not dictate a sentence. It is to be written spontaneously. "Can you please write a sentence?" <i>It must contain a subject and a verb and be sensible.</i>
MMSE_36 <i>(required)</i>	Take a picture of the sentence written.
MMSE_37 <i>(required)</i>	 Please read the instruction and do what it says <i>Score 1 point only if he actually closes his eyes.</i>
MMSE_38 <i>(required)</i>	 Show him the following picture and ask to copy on the paper. <i>Many older adults draw shaky, wiggly lines with unclear angles that are more curved than straight. These are acceptable, as long as the person has two five-sided figures intersecting to form a four-sided figure.</i>
MMSE_39 <i>(required)</i>	Take a picture of the picture drawn.
mmse_score	MMSE score
mmse_issue <i>(required)</i>	Is there any problem in completing the task?
mmse_prob <i>(required)</i>	Explain the problem in completing the task. <i>Please use all CAPITAL LETTERS</i> <i>Question relevant when: \${mmse_issue} =1</i> <i>Response constrained to: regex(., "\s*[-A-Z/0-9/@/_/()/?/</> /'/:/!&!\$]+s*\$")</i>
INTERVIEW > MOCA	
moca	Please proceed to administer Montreal Cognitive Assessment (MOCA) .
mocainject	Serial-7: 3 Orientation: [mocaorien]
moca_photo <i>(required)</i>	Take a picture of the complete MOCA sheet.
moca_photo2 <i>(required)</i>	Take a picture of words begin with alphabet F.
moca_issue <i>(required)</i>	Is there any problem in completing the task?
moca_prob <i>(required)</i>	Explain the problem in completing the task. <i>Please use all CAPITAL LETTERS</i> <i>Question relevant when: \${moca_issue} =1</i> <i>Response constrained to: regex(., "\s*[-A-Z/0-9/@/_/()/?/</> /'/:/!&!\$]+s*\$")</i>
INTERVIEW > MEMORY	
limit <i>(required)</i>	For the past 6 months at least, to what extent have you been limited because of a health problem in activities people usually do?
health <i>(required)</i>	How would you rate your general health status?
emotion <i>(required)</i>	Have you felt that everything you did was an effort/ you could not get going – for at least 3 days during the last week?
active <i>(required)</i>	How often do you engage in activities that require a low or moderate level of energy such as gardening, cleaning the car, or going for a walk?
memory_01 <i>(required)</i>	Do you have problems with your memory?
memory_02 <i>(required)</i>	Do you feel like your memory is becoming worse in the last one year?
memory_03 <i>(required)</i>	Do you feel that your memory has become worse compared to others of your same age?
INTERVIEW > KATZ	
katz_01	Katz Index of Independence in Activities of Daily Living:



Field	Question
katz_bath <i>(required)</i>	Bathing
katz_dress <i>(required)</i>	Dressing
katz_toilet <i>(required)</i>	Toileting
katz_transfer <i>(required)</i>	Transferring
katz_continence <i>(required)</i>	Continence
katz_feed <i>(required)</i>	Feeding
dass_test <i>(required)</i>	Is the respondent willing to take the DASS test?
dass_score <i>(required)</i>	What is the DASS score? <i>Question relevant when: \${dass_test} =4</i>
dass_date <i>(required)</i>	When was DASS taken? <i>Enter "01-01-2001" if do not know. Enter as the first of the applicable month if the exact date is not known.</i> <i>Question relevant when: \${dass_test} =4 or \${dass_test} =3</i> <i>Response constrained to: (. <=today())</i>
dass_no <i>(required)</i>	What is the reason? <i>Please use all CAPITAL LETTERS</i> <i>Question relevant when: \${dass_test} =5</i> <i>Response constrained to: regex(., ^[s]*[-A-Z/0-9/@/_](/)/+/?/</>./!/:/;/=/&!/[s]+[s*\$])</i>
INTERVIEW > DASS	
<i>Group relevant when: \${dass_test} =1</i>	
dass_start	DASS Scoring (in the past week) 0 - Did not apply to me at all 1 - Applied to me to some degree, some of the time 2 - Applied to me to a considerable degree, or a good part of time 3 - Applied to me very much, or most of the time <i>Use the screen in horizontal mode when answering.</i>
dass_01 <i>(required)</i>	I found it hard to wind down.

Field	Question
dass_02 <i>(required)</i>	I was aware of dryness of my mouth.
dass_03 <i>(required)</i>	I couldnt seem to experience any positive feeling at all.
dass_04 <i>(required)</i>	I experienced breathing difficulty (eg, excessively rapid breathing, breathlessness in the absence of physical exertion).
dass_05 <i>(required)</i>	I found it difficult to work up the initiative to do things.
dass_06 <i>(required)</i>	I tended to over-react to situations.
dass_07 <i>(required)</i>	I experienced trembling (eg, in the hands).
dass_08 <i>(required)</i>	I felt that I was using a lot of nervous energy.
dass_09 <i>(required)</i>	I was worried about situations in which I might panic and make a fool of myself.
dass_10 <i>(required)</i>	I felt that I had nothing to look forward to.
dass_11 <i>(required)</i>	I found myself getting agitated.
dass_12 <i>(required)</i>	I found it difficult to relax.
dass_13 <i>(required)</i>	I felt down-hearted and blue.
dass_14 <i>(required)</i>	I was integerolerant of anything that kept me from getting on with what I was doing.
dass_15 <i>(required)</i>	I felt I was close to panic.

Field	Question
dass_16 <i>(required)</i>	I was unable to become enthusiastic about anything.
dass_17 <i>(required)</i>	I felt I wasnt worth much as a person.
dass_18 <i>(required)</i>	I felt that I was rather touchy.
dass_19 <i>(required)</i>	I was aware of the action of my heart in the absense of physical exertion (eg, sense of heart rate increase, heart missing a beat).
dass_20 <i>(required)</i>	I felt scared without any good reason.
dass_21 <i>(required)</i>	I felt that life was meaningless.
leftright <i>(required)</i>	Which is your dominant side?
INTERVIEW > grip	
grip_01	Hand Grip Assessment
grip_02 <i>(required)</i>	Is there any disability of the right arm?
grip_03 <i>(required)</i>	Is there any disability of the left arm?
grip_04 <i>(required)</i>	Can the respondent perform the test on the right side?
grip_05 <i>(required)</i>	Can the respondent perform the test on the left side?
grip_demo To attach image	Demonstrate the procedure to the respondent. Question relevant when: $\$(grip_04) = 2$ and $\$(grip_05) = 2$
right_01 <i>(required)</i>	Right trial 1 (kg/m ²) Question relevant when: $\$(grip_04) = 1$ Response constrained to: $. \geq 0.00$ and $. \leq 50.00$
right_02 <i>(required)</i>	Right trial 1: [right_01] kg/m ² Right trial 2 (kg/m ²): Question relevant when: $\$(right_01) \neq$ Response constrained to: $. \geq 0.00$ and $. \leq 50.00$
right_03 <i>(required)</i>	Right trial 1: [right_01] kg/m ² Right trial 2: [right_02] kg/m ² Right trial 3 (kg/m ²) Question relevant when: $\$(right_02) \neq$ Response constrained to: $. \geq 0.00$ and $. \leq 50.00$
left_01 <i>(required)</i>	Left trial 1 (kg/m ²) Question relevant when: $\$(grip_05) = 1$ Response constrained to: $. \geq 0.00$ and $. \leq 50.00$
left_02 <i>(required)</i>	Left trial 1: [left_01] kg/m ² Left trial 2 (kg/m ²): Question relevant when: $\$(left_01) \neq$ Response constrained to: $. \geq 0.00$ and $. \leq 50.00$
left_03 <i>(required)</i>	Left trial 1: [left_01] kg/m ² Left trial 2: [left_02] kg/m ² Left trial 3 (kg/m ²) Question relevant when: $\$(left_02) \neq$ Response constrained to: $. \geq 0.00$ and $. \leq 50.00$

Field	Question
grip_issue <i>(required)</i>	Is there any problem in completing the task? Question relevant when: $\$(right_01) \neq$ and $\$(right_02) \neq$ and $\$(right_03) \neq$ and $\$(left_01) \neq$ and $\$(left_02) \neq$ and $\$(left_03) \neq$
grip_blank <i>(required)</i>	Explain the problem in completing the task. Please use all CAPITAL LETTERS Question relevant when: $\$(right_01) =$ or $\$(right_02) =$ or $\$(right_03) =$ or $\$(left_01) =$ or $\$(left_02) =$ or $\$(left_03) =$ or $\$(grip_issue) = 1$ Response constrained to: regex(., "\s*[-A-Z/0-9/@/_/()/?/</> '/:/=/&!\$]+s*\$")
bg_test <i>(required)</i>	Is the respondent willing to have his/her blood glucose measured?
bg_date <i>(required)</i> <div>Shall we take a snapshot of the record?</div>	When was blood glucose measurement taken? Enter "01-01-2001" if do not know. Enter as the first of the applicable month if the exact date is not known. Question relevant when: $\$(bg_test) = 4$ or $\$(bg_test) = 3$ Response constrained to: (. <=today())
bg_no <i>(required)</i>	What is the reason? Please use all CAPITAL LETTERS Question relevant when: $\$(bg_test) = 5$ Response constrained to: regex(., "\s*[-A-Z/0-9/@/_/()/?/</> '/:/=/&!\$]+s*\$")
bg_id <i>(required)</i> <div>To enter constraints</div>	Enter device id for blood glucose (number only) Question relevant when: $\$(bg_test) = 1$ Response constrained to: .>0 and .<10000
bg <i>(required)</i> <div>Possibility of different unit</div>	Blood Glucose (mmol/L) Question relevant when: $\$(bg_test) = 1$ or $\$(bg_test) = 4$
unusualbg <i>(required)</i>	Warning: blood glucose is not between 4.00 and 13.00 Tick to confirm. Question relevant when: ($\$(bg) < 4$ or $\$(bg) > 13$) and $\$(bg) \neq$
bg_prob <i>(required)</i>	Any problems with the blood glucose measurement? Question relevant when: $\$(bg_test) = 1$
bg_probyes <i>(required)</i>	What is the problem? Please use all CAPITAL LETTERS Question relevant when: $\$(bg_prob) = 1$ Response constrained to: regex(., "\s*[-A-Z/0-9/@/_/()/?/</> '/:/=/&!\$]+s*\$")
bg_1 <i>(required)</i>	How long ago before the measurement did you have anything to eat or drink other than water? (Hours) Enter -8 if do not know. Question relevant when: $\$(bg_test) = 1$ or $\$(bg_test) = 4$
bg_lastmeal <i>(required)</i>	What time did you last have anything to eat or drink, other than water (before the measurement)? Enter 00:00 if do not know. Question relevant when: $\$(bg_test) = 1$ or $\$(bg_test) = 4$
bg_2 <i>(required)</i>	During the past 2 weeks before the measurement , have you been treated for raised blood glucose or diabetes with insulin or other drugs (medication) prescribed by a doctor or other health professional? Question relevant when: $\$(bg_test) = 1$ or $\$(bg_test) = 4$
anthro_test <i>(required)</i>	Is the respondent willing to have his/her height and weight measured?
anthro_date <i>(required)</i>	When was the height and weight measurement taken? Enter "01-01-2001" if do not know. Enter as the first of the applicable month if the exact date is not known. Question relevant when: $\$(anthro_test) = 4$ or $\$(anthro_test) = 3$ Response constrained to: (. <=today())
anthro_no <i>(required)</i>	What is the reason? Please use all CAPITAL LETTERS Question relevant when: $\$(anthro_test) = 5$ Response constrained to: regex(., "\s*[-A-Z/0-9/@/_/()/?/</> '/:/=/&!\$]+s*\$")
INTERVIEW > HW2	
hw_05 <i>(required)</i> <div>To attach image.</div>	Enter device ID for height and weight (number only) Question relevant when: $\$(anthro_test) = 1$ Response constrained to: .>0 and .<10000
INTERVIEW > HW	
Group relevant when: $\$(anthro_test) = 1$ or $\$(anthro_test) = 4$	
hw_01 <i>(required)</i>	In the last 1 year, have you experienced an unintentional loss of weight?

Field	Question
hw_02 <i>(required)</i>	Do you experience diminution of desire for food?
hw_03 <i>(required)</i>	Can he/she stand straight
hw_04 <i>(required)</i>	Can he/she move and stand on the weighing scales without assistance
height <i>(required)</i>	Height (cm) Enter "0" if height cannot be taken. Response constrained to: (.>50 and .<250) or .=0
weight <i>(required)</i>	Weight (kg) Response constrained to: (.>20 and .<150) or .=0
INTERVIEW > hwwarn	
heightwarn <i>(required)</i>	Are you sure you have entered the correct reading? Height: [height] cm Question relevant when: \${height} <=140 or \${height} >=180
weightwarn <i>(required)</i>	Are you sure you have entered the correct reading? Weight: [weight] kg Question relevant when: \${weight} <=40 or \${weight} >=100
INTERVIEW > GAIT	
gait_01	Gait Speed
gait_02 <i>(required)</i>	Can you walk independently?
gait_03 <i>(required)</i>	Do you feel any imbalance on walking?
gait_04 <i>(required)</i>	Do you need the help of a walking aid?
gait_05 <i>(required)</i>	Do you feel safe to perform this task?
gait_06 <i>(required)</i>	Can you proceed with the task?
gait_no <i>(required)</i>	Why can't you proceed with the task? Question relevant when: \${gait_06} =2
warn_gait <i>(required)</i>	Warning: ERROR Can you walk independently? Yes. Why can't you proceed with the task? Disability in walking. Question relevant when: \${gait_02} =1 and \${gait_no} =2
gait_other <i>(required)</i>	Specify other. Please use all CAPITAL LETTERS Question relevant when: \${gait_no} =0 Response constrained to: regex(., "\s*[-A-Z/0-9/@/_/()/+/?/!<>/.!/:/=/!&/!\$]+ls*\$")
gait_nospace	Take a photo if there is no suitable space for gait speed test. Question relevant when: \${gait_06} =2
INTERVIEW > Gait Speed Test Group relevant when: \${gait_06} =1	
gait_start	 Begin 4 meter walk test. Swipe at B .
gait_mid	 Start time has been recorded. Swipe at C to end.
gait_dur	End time has been recorded. Time taken (s):
INTERVIEW > GAIT_STOPWATCH2	
gait_timermin2 <i>(required)</i>	Second trial: Record the time taken using a stopwatch. (Minutes) Question relevant when: \${gait_06} =1 Response constrained to: .<60
gait_timersec2 <i>(required)</i>	Second trial: Record the time taken using a stopwatch. (Seconds) Question relevant when: \${gait_06} =1 Response constrained to: .<60
gait_timercentisec2 <i>(required)</i>	Second trial: Record the time taken using a stopwatch. (1/100 Seconds) Question relevant when: \${gait_06} =1 Response constrained to: .<100
INTERVIEW > GAIT_STOPWATCH3	
gait_timermin3 <i>(required)</i>	Third trial: Record the time taken using a stopwatch. (Minutes) Question relevant when: \${gait_06} =1 Response constrained to: .<60

Field	Question
gait_timersec3 <i>(required)</i>	Third trial: Record the time taken using a stopwatch. (Seconds) <i>Question relevant when: \${gait_06} =1</i> <i>Response constrained to: .<60</i>
gait_timercentisec3 <i>(required)</i>	Third trial: Record the time taken using a stopwatch. (1/100 Seconds) <i>Question relevant when: \${gait_06} =1</i> <i>Response constrained to: .<100</i>
gait_repeat <i>(required)</i>	Do you wish to repeat gait speed test? <i>Question relevant when: \${gait_06} =1</i>
INTERVIEW > Gait Speed Test 2 <i>Group relevant when: \${gait_repeat} =1</i>	
gait_start2	 Begin 4 meter walk test. Swipe at B .
gait_mid2	 Start time has been recorded. Swipe at C to end.
gait_dur2	End time has been recorded. Time taken (s):
gait_issue <i>(required)</i>	Is there any problem in completing the task? <i>Question relevant when: \${gait_06} =1</i>
gait_prob <i>(required)</i>	Explain the problem in completing the task. <i>Please use all CAPITAL LETTERS</i> <i>Question relevant when: \${gait_issue} =1</i> <i>Response constrained to: regex(., "\s*[-A-Z/0-9/@/./_](/)/+/?/!/:/;/=/&/\s]+s*\$")</i>
INTERVIEW > OVERVIEW	
summary	Health Assessment Results Age: [age] Height : [height] cm Weight : [weight] kg Body Mass Index (BMI) : [bmi] kg/m ² Blood Pressure : [bps3]/[bpd3] mmHg Heart Rate : [hr3] bpm Blood Glucose : [bg] mmol/L Mini Mental State Examination: [mmse_score] / 30
referral_num <i>(required)</i>	Serial number of referral letter <i>Response constrained to: .>0 and .<500</i>
ct	Respondent is invited for brain CT scan because of low MMSE score ([mmse_score]). Please explain and answer any enquiry. <i>Question relevant when: \${mmse_score} <=17</i>
REJECT <i>Group relevant when: \${status} =R' or \${consent_method} =-9</i>	
reject_reason <i>(required)</i>	What is the reason of rejection? <i>Please use all CAPITAL LETTERS</i> <i>Response constrained to: regex(., "\s*[-A-Z/0-9/@/./_](/)/+/?/!/:/;/=/&/\s]+s*\$")</i>
door <i>(required)</i>	Name of Door Knocker <i>Enter NA if Door Knocker has not been appointed.</i> <i>Response constrained to: regex(., "\s*[-A-Z/0-9/@/./_](/)/+/?/!/:/;/=/&/\s]+s*\$")</i>
revisit <i>(required)</i>	Date of rejection revisit <i>Response constrained to: (.<=today())</i>
warn_reject <i>(required)</i>	Warning: Refused to consent. Change status to REJECT. <i>Question relevant when: \${status} =A' and \${consent_method} =-9</i>
empty_1 <i>(required)</i>	Choose the applicable situation. <i>Question relevant when: \${status} =E'</i>
deathdate <i>(required)</i>	Enter date of death of the respondent. <i>Enter "01-01-2001" if do not know. Enter as the first day of the applicable month if the exact date is not known.</i> <i>Question relevant when: \${status} =D'</i> <i>Response constrained to: (.<=today())</i>

Field	Question
ex_reason <i>(required)</i>	What is the reason for exclusion? <i>Question relevant when: \${status} ='EX'</i>
ex_reason_other	Specify other. <i>Question relevant when: selected(\${ex_reason}, 'other')</i>
status_info <i>(required)</i>	Who did you get the info from? <i>Question relevant when: \${status} ='D' or \${status} ='EX'</i>
warn_statusn	Warning: ERROR FOUND NOT AT HOME STATUS WITHOUT MIN 3 VISITS <i>Question relevant when: \${status} ='N' and \${visit_no} <3</i>
status_info_other <i>(required)</i>	Please specify other. <i>Please use all CAPITAL LETTERS</i> <i>Question relevant when: \${status_info} =9</i> <i>Response constrained to: regex(., ^\s*[-A-Z/0-9/@/_/()/?/</>/!/:/!&/\s]+\s*\$')</i>
unusual <i>(required)</i>	Specify the situation. <i>Please use all CAPITAL LETTERS</i> <i>Question relevant when: \${status} ='U' or \${empty_1} =9</i> <i>Response constrained to: regex(., ^\s*[-A-Z/0-9/@/_/()/?/</>/!/:/!&/\s]+\s*\$')</i>
FINAL	
<i>Group relevant when: \${status} !=''</i>	
token <i>(required)</i>	Did you give token? <i>Question relevant when: \${status} ='A'</i>
field_note	Note: <i>Record in one paragraph - don't press enter. Record the question you answered differently from reality. Record anything you would like to report. Please use all CAPITAL LETTERS</i> <i>Response constrained to: regex(., ^\s*[-A-Z/0-9/@/_/()/?/</>/!/:/!&/\s]+\s*\$')</i>