

TRACKHD-IDS-2015-10-R1

TRACK-HD Annotated eCRF



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1 Purpose of this Document

The purpose of this document is to provide the annotated view of the TRACK-HD's eCRF (*electronic Case Report Form*). The annotated view shows all forms, variables and its variable names used within the TRACK-HD study. The forms and variables are described in detail within the data dictionary of the TRACK-HD study [1].



2 Forms and Visits

Forms are CRF entry screens that are displayed to data entry personnel and show how data is entered in the eCRF. The following table defines how forms and visits [1] are related.

Form	General	Visit 1	Visit 2	Visit 3	Visit 4	Family
Eligibility	✓					
Demog	\checkmark					
Medication	\checkmark					
Comorbid	\checkmark					
End	\checkmark					
FH						~
BDI-II		~	~	✓	\checkmark	
CAG History		~				
Cognitive		~	~	✓	\checkmark	
FrSBe-S		~	~	✓	\checkmark	
FrSBe-F		✓	✓	✓	✓	
Function		✓	✓	✓	✓	
Graphimetry		~	\checkmark			
HADS-SIS		✓	✓	✓	✓	
Medical History		✓				
MRI 1.5T		~	~			
MRI 3T		~	~	✓	✓	
MRI DTI QC				✓	\checkmark	
ISHD		~	~	✓		
Motor		~	\checkmark	✓	\checkmark	
QMotor		✓	✓	✓	✓	
Oculomotor		✓	✓	✓	✓	
HD History		✓		✓	✓	
PBA-s		✓	✓	✓	✓	
QOLI		✓	\checkmark	✓	✓	



Form	General	Visit 1	Visit 2	Visit 3	Visit 4	Family
Samples ACD		~	~	~		
Samples EDTA/PX		✓	~	~		
Samples EDTA/ACD					✓	
SF-36v2		~	~	~		
TFC		✓	\checkmark	✓	✓	
Variable Items		\checkmark	~	✓	\checkmark	
Apathy-s				✓	✓	
Apathy-c				✓	~	
Irritability-s				✓	✓	
Irritability-c				✓	~	
PSQI					~	
HDQ-D2-c					~	
HDQ-D2-p					~	
Physical Activities					~	



3 Form "Eligibility (Eligibility)"

Eligibility

Informed Cons	ent 79		
Date of enrolment:		(format "dd.mm.yyyy")	rfstdtc 🗹 🕼
Signature of subject:	• yes 1 • no 0		signp 🗹 🕼
Signature of investigator:	○ yes 1 ○ no 0		signi 🗹 🕼
Inclusion Criteria	a 46		
Ability to tolerate MRI and sample donation:	○ yes 1 ○ no 0		incl01 🗹 🕼
Subject will be either:	○ control subject 0 ○ pre	manifest gene carrier 1 O early HD 2	incl02 🗹 🕼
	If 'control subject' is tick	red	
	Relation to subject:	 Partner/spouse of the subject, not at risk 1 HD normal repeat length sibling or HD normal repeat length control volunteer 2 	relation 🗹 🕼
	If 'premanifest gene carr	ier' is ticked	
	Positive genetic test with CAG repeat length \geq 40:	○ yes 1 ○ no 0	incl02c 🗹 🕼
	Disease burden score (CAG-35.5)×age > 250:	○ yes 1 ○ no 0	incl02d 🗹 🕼
	Absence of diagnostic motor features according to the UHDRS 99:	○ yes 1 ○ no 0	incl02e 🗹 🕼
	If 'early HD' is ticked		
	Positive genetic test with CAG repeat length ≥ 40 :	○ yes 1 ○ no 0	incl02f 🗹 🕼
	Presence of diagnostic motor features according to the UHDRS 99:	○ yes 1 ○ no 0	incl02g 🗹 🕼
	Shoulson and Fahn stage 1 (TFC \geq 11 to \leq 13) or 2 (TFC \geq 7 to \leq 10) assessed according to UHDRS total functional capacity:	○ yes 1 ○ no 0	incl02h 🗹 🖟
Exclusion Criteria	a 47		



Stage 3 (TFC \leq 6) or greater at time of enrolment:	○ yes 1 ○ no 0	excl01 🗹 🗗
Younger than 18 years of age:	○ yes 1 ○ no 0	excl02 🗹 🕼
Older than 65 years of age:	○ yes 1 ○ no 0	excl03 🗹 🕼
Major psychiatric disorder at time of enrolment:	o yes 1 o no 0	excl04 🗹 🗗
Concomitant significant neurological disorder:	○ yes 1 ○ no 0	excl05 🗹 🕼
Concomitant significant medical illness:	○ yes 1 ○ no 0	excl06 🗹 🖟
Unsuitability for MRI, e.g. claustrophobia, metal implants:	○ yes 1 ○ no 0	excl07 🗹 🕼
Unwillingness to donate blood:	○ yes 1 ○ no 0	excl08 🗹 🕼
History of significant head injury:	○ yes 1 ○ no 0	excl09 🗹 🕼
Predictable non-compliance by drug and/or alcohol abuse:	○ yes 1 ○ no 0	excl10 🗹 🕼
Significant hand injuries that preclude either writing or rapid computerized responding:	○ yes 1 ○ no 0	excl11 🗹 🕼
Participant in Predict-HD:	○ yes 1 ○ no 0	excl12 🗹 🕼
Currently participating in a clinical drug trial:	○ yes 1 ○ no 0	excl13 🗹 🖟



4 Form "Demographics (Demog)"

Demographics

Demographics (inva	riable) 117	
Date of birth:		brthdtc 🗹 🕼
Sex:	• female 1 • male 2	sex 🗹 🕼
Ethnicity:	 Caucasian 1 African - Black 11 African - North 12 American - Black 2 American - Latin 3 Asian - West 13 Asian - East 14 mixed 15 other 6 unknown 7 	ethnic <table-cell> 🕼</table-cell>
	Subject's statement:	ethnicself 🗹 🕼
Handedness: 📐	○ right 1 ○ left 2 ○ mixed 3	handness 🗹 🗗
Education level:	 ISCED 0 - nursery school 0 ISCED 1 - primary school (key stage 1, 2) 1 ISCED 2 - comprehensive school/college (key stage 3) 2 ISCED 3 - sixth form (key stage 4) 3 ISCED 4 - college of further education 4 ISCED 5 - university (further/higher education institutions) 5 ISCED 6 - tertiary studies leading to an advanced research qualification 6 	education 🗹 🖟
Comments 112		
Comments:		generalcmt 🗹 🕻



5 Form "Past Disorders and Comorbidities (Comorbid)"

Past Disorders and Comorbidities

	Past Disorders and Comorbidit	ies 258			
	Disorders	5	Start date	Ongoing	End date
1	1.	name modify code certainty 🖒 disorder 🗹 🕼 🛛	🔽 🔂 🕻	ongoing 🕼	🦷 🖓 🕼
				1	



6 Form "Previous and Concomitant Medication (Medication)"

Previous and Concomitant Medication

Previous and Concomitant Medication							
Drug name	Indication	Dose/Unit	Regimen 🛃	Regimen per day Route	Start date	Ongoing End date	
1 name modify code certainty	drug 🗹 🕼 📃 name modiřy code certainty	🚓 indication 🗹 🕼 📃 value 🔄 unit	dosu 🗹 🕼 💶 regimen 🗹 🛽	frequent 🗹 🕼 route	g 🖉 🦳 📃 📃	📅 state 🗹 🖉 🔲 1 ongoing 🖉 📃 .	🕝 endto 🗹 🕼



7 Form "End of Study (End)"

End of Study

End of Stud	dy 313			
Did the subject complete the study?	○ yes 1 ○ no 0			complete 🗹 🕼
	Specify primary reason for subject's premature discontinuation from study:	 death 0 event or illness withdrawal 1 request of prima physician 2 subject 's request failure of subject next visit and failocated by investigated followed further failure to complisative procedures reason 7 the site investig is in the best infisubject 8 Other 6 	ary care st 3 st to return to ilure to be tigator 4 (will not be) 5 ete the required s, regardless of ator feels that it	discon 🗹 🕼
		specify:		
	Does a request for additional withdrawal of material from the study exist?	○ yes 1 ○ no 0		withdrawal 🗹 🕼
		Please select each withdrawn material:	 Biosamples samples MRI scans scans All other data data 	withdrawn 🗹 🖟
	Latest visit data available and approved for analysis:	 No visit 0 Visit 1 1 Visit 2 2 Visit 3 3 		last_visit 🖄 🕼



General Variable Items

General Variabl	e Items 522	
Date of visit:		svstdtc 🗹 🕼
Weight:	kg	weight 🗹 🕼
Height:	cm	height 🗹 🕼
BMI:		bmi 🗹 🕼
Occupation:	name code	occupation 🗹 🕼
Employment:	$^{\circ}$ full-time 0 $^{\circ}$ part-time 1 $^{\circ}$ unemployed 2 $^{\circ}$ retired 3	employ 🗹 🕼
Marital status:	$^{\circ}$ single 1 $^{\circ}$ married 2 $^{\circ}$ partnership 3 $^{\circ}$ divorced 4 $^{\circ}$ widowed 5	maritalstatus 🗹 🕼
Do you have a companion that lives with you?	○ yes 1 ○ no 0	companion 🗹 🕼
Current alcohol consumption:	units per week	alcunits 🗹 🕼



General Variable Items

General Variabl	e Items 3806		
Date of visit:			svstdtc 🗹 🕼
Weight:	kg		weight 🗹 🕼
Height:	cm		height 🗹 🕼
BMI:			bmi 🗹 🕼
What is the highest degree that you have completed?			highest_education 🗹 💭
Occupation:		name code	occupation 🗹 🕼
Employment:	○ full-time 0 ○ part-time 1 ○ unemployed 2 ○ retired :	3	employ 🗹 🕼
Marital status:	○ single 1 ○ married 2 ○ partnership 3 ○ divorced 4 ○	widowed 5	maritalstatus 🗹 🕼
Do you have a companion that lives with you?	○ yes 1 ○ no 0		companion 🗹 🖟
Current alcohol consumption:	units per week		alcunits 🗹 🕼
Had the Comorbid and Medication forms been updated to the current status?	○ yes 1 ○ no 0		comorbmedcheck 🗹 🕼



General Variable Items

General Variable	Items 4551		
Date of visit:		at "dd.mm.yyyy")	svstdtc 🗹 🕼
Weight:	kg		weight 🗹 🕼
Height:	cm		height 🗹 🕼
BMI:			bmi 🗹 🕼
Occupation:		name code	occupation 🗹 🕼
Employment:	○ full-time 0 ○ part-time 1 ○	unemployed 2 O retired 3	employ 🗹 🕼
Marital status:	○ single 1 ○ married 2 ○ pa	rtnership 3 ^O divorced 4 ^O widowed 5	maritalstatus 🗹 🕼
	Is the partner/spouse the same person as at visit 1:	○ yes 1 ○ no 0	maritalstatuspers 🗹 🕼
Do you have a companion that lives with you?	O yes 1 O no 0		companion 🗹 🕼
Are you currently participating in a clinical drug trial:	○ yes 1 ○ no 0		ctrial 🗹 🕼
Current alcohol consumption:	units per week		alcunits 🗹 🕼
Subject group:			sgroup 🗹 🕼
	Relation to subject:	 sibling/non-gene carrier 1 partner/spouse of pre-HD subject partner/spouse of early-HD subject 	
Had the Comorbid and Medication forms been updated to the current status?	○ yes 1 ○ no 0		comorbmedcheck 🗹 🕼



Education 4	685	
Current education level (ISCED 2010): 📐		isced 🗹 🕼
What is the highest degree that you have currently completed?		highest_education 🗹 🕼
Missing highest degree been collected at Visit 2:	yes	check_he_v2 🗹 🕼
	What was the highest degree that you have completed at Visit 1?	highest_education_v2 🖄 🕼



General Variable Items

General Variabl	e Items 5169			
Date of visit:		at "dd.mm.yyyy")		svstdtc 🗹 🕼
Weight:	kg			weight 🗹 🕼
Height:	cm			height 🗹 🕼
BMI:				bmi 🗹 🕼
Occupation:			name code	occupation 🗹 🕼
Employment:	○ full-time 0 ○ part-time 1 ○	unemployed 2 O	retired 3	employ 🗹 🕼
Marital status:	$^{\circ}$ single 1 $^{\circ}$ married 2 $^{\circ}$ particular par	rtnership 3 O divo	orced 4 O widowed 5	maritalstatus 🗹 🕼
	Is the partner/spouse the same person as at all previous visits:		all visits 1 ome previous visits 2 to all previous visits 0	samepartner 🗹 🕼
		Partner in previous visit:	visit 1 1 sa visit 2 2 visit 3 3	nmepartnervisits 🗹 🕼
Do you have a companion that lives with you?	○ yes 1 ○ no 0			companion 僧 ழ
Are you currently participating in a clinical drug trial:	O yes 1 ○ no 0			citrial 🗹 🕼
Current alcohol consumption:	units per week			alcunits 🗹 🕼
Subject group:				sgroup 🗹 🗗
	Relation to subject:	subject 2	gene carrier 1 artner/spouse of pre-H artner/spouse of early	
Had the Comorbid and Medication forms been updated to the current status?	○ yes 1 ○ no 0		c	omorbmedcheck 🗹 🕼
Signature of subject for V4:	○ yes 1 ○ no 0			signpv4 🗹 🕼

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12 Form "General Medical History (Medical History)"

General Medical History

General Medic	al History 131					
Birth trauma or serious neonatal illness:	○ yes 1 ○ no 0			illnessbirth 🗹 🗗		
Childhood (birth to 12 years) serious illness:	O yes 1 O no 0 illnesschild 🗹 💭					
Adolescent (13-17 years) serious illness:	• yes 1 • no 0			illnessado lescent 🗹 🕼		
Adult (18+ years) serious illness:	• yes 1 • no 0			illnessadult 🗹 🕼		
Major surgery requiring general anaesthesia:	• yes 1 • no 0			majorsurgery 🗹 🕼		
History of alcohol abuse:	○ never abused 1 ○ pr	revious abuse 2 ^O curr	ent abuse 3	alcoholabuse 🗹 🖟		
	Alcohol units per week			alcunits 🗹 🕼		
History of drug abuse:	○ never abused 1 ○ ex-drug abuser 2 ○ current abuse 3 druguse 🗹 💭					
	In case of ex-drug ab	use or current abuse				
		Abuse	Frequency			
	Marijuana	marijuana 🗹 🖟		marijuanafreq 🗹 🕼		
	Heroin	heroin 🗹 🗗		heroinfreq 🗹 🖟		
	Cocaine	cocaine 🗹 🗗		co cainefreq 🗹 🖟		
	Club drugs (Ecstacy, GHB, Roofies)	clubdrugs 🗹 🕼		clubdrugsfreq 🗹 🖟		
	Amphetamines	amphetamines 🗹 🖞		amphetaminesfreq 🗹 🕼		
	Ritalin	ritalin 🗹 🕼		ritalinfreq 🗹 🗗		
	Hallucinogens	hallucinogen 🗹 🕼		hallucino genfreq 🗹 🕼		
	Inhalants	inhalants 🗹 🕼		inhalantsfreq 🗹 🗗		
	Opium	opium 🗹 🗗		opiumfreq 🗹 🕼		
	Painkillers used for non-medical reasons	painkiller 🗹 🕼		painkillerfreq 🗹 🖟		

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	Barbiturates/sedatives barbiturate 🗹 🕼 barbituratefreq 🗹 🖟 use for non-medical reasons
	Tranquilizers used for tranquilizer 🗹 🕼 tranquilizerfreq 🗹 🕼
	other other 🗹 🖟 otherfreq 🗹 🕼
History of smoking tobacco:	○ never smoked 1 ○ ex-smoker 2 ○ currently smokes 3 smoking 🗹 🗗
	Cigarettes per day:
	Years of smoking: years smokyears 🗹 🗗
Does the subject have any allergies?	○ yes 1 ○ no 0 allergies 🗹 💭
	Please list allergies:
Psychiatric His	tory 1693
Depression:	○ yes 1 ○ no 0 depression 🗹 🖟
OCD:	• yes 1 • no 0 ocd 🗹 🗗
Psychosis:	O yes 1 O no 0 psychosis 🗹 🗗
Suicidal ideation	on: o yes 1 o no 0 suicidal 🗹 🖟
Suicide attemp	ots: 💿 yes 1 O no 0 suicide 🗹 🖟



13 Form "Huntington's Disease History (HD History)"

Huntington's Disease History

generalcheck		
HD Clinical Characteris	stics and Age-of-Onset 704	
Indicate who provided the information:	 subject only 1 informant that knows subject well but does not reside with subject 2 informant that knows subject well and resides with subject 3 	informants 🗹 🕼
 HD Clinical Characte Indicate who provided the information: Have motor symptoms ever been part of the subject's clinical features: Has depression (includes treatment with antidepressants with or without a formally-stated diagnosis of depression) ever been a part of the subject's HD clinical features: Has irritability ever been a part of the subject's HD clinical features: Has violent or aggressive behaviour ever been a part of the subject's HD clinical features: Has violent or aggressive behaviour ever been a part of the subject's HD clinical features: Has apathy ever been a part of the subject's HD clinical features: Has apathy ever been a part of the subject's HD clinical features: Has apathy ever been a part of the subject's HD clinical features: 	○ yes 1 ○ no 0	motor 🗹 🕼
	At what age did the gears subject's motor clinical features begin?	motorage 🗹 🕼
(includes treatment with antidepressants with or without a formally-stated diagnosis of depression) ever been a part of the subject's	O yes 1 O no 0	depression 🗹 🕼
	At what age did the gears depression begin:	depressage 🗹 🗗
been a part of the subject's HD clinical	O yes 1 O no 0	irritability 🗹 🕼
	At what age did irritability years begin:	irritage 🗹 🗗
aggressive behaviour ever been a part of the subject's HD clinical	O yes 1 O no 0	violent 🗹 🕼
	At what age did years violent/aggressive behaviour begin:	violentage 🗹 🕼
Has apathy ever been a part of the subject's HD clinical features:	○ yes 1 ○ no 0	apathy 🗹 🕼
	At what age did apathy years begin:	apathyage 🗹 🗗
 HD Clinical Characte Indicate who provided the information: Have motor symptoms ever been part of the subject's clinical features: Has depression (includes treatment with antidepressants with or without a formally-stated diagnosis of depression) ever been a part of the subject's HD clinical features: Has irritability ever been a part of the subject's HD clinical features: Has violent or aggressive behaviour ever been a part of the subject's HD clinical features: Has apathy ever been a part of the subject's HD clinical features: Has apathy ever been a part of the subject's HD clinical features: 	O yes 1 O no 0	obsessive 🗹 🕼
	At what age did years perseverative/obsessive behaviours begin:	obsessage 🗹 🖟
	○ yes 1 ○ no 0	psychosis 🗹 🕼

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delusions) been a part of the subject's HD:			
	At what age did psycl (hallucinations/delus begin:		psychage 🗹 🖟
Has significant cognitive impairment (severe enough to impact on work or activities of daily living) or dementia ever been a part of the subject's HD clinical features:	○ yes 1 ○ no 0		dementia 🗹 🕼
	At what age did cognitive impairment first start to have an impact on daily life:	years	dementage 🗹 🕼
Previous suicidal ideation:	○ yes 1 ○ no 0		suicidal 🗹 🗗
	Date of ideation:		dtcsuicidal 🗹 🗗
	Did subject receive hospital treatment:	○ yes 1 ○ no 0	suicidaltreat 🗹 🕼
Previous suicide attempts:	○ yes 1 ○ no 0		suicide 🗹 🗗
	Date of attempt:		dtcsuicide 🗹 🕼
	Did subject receive hospital treatment:	○ yes 1 ○ no 0	suicidetreat 🗹 🗗
Previous self-harm:	◯ yes 1 ◯ no 0		selfharm 🗹 🕼
	Date of self-harm:		dtcselfharm 🗹 🗗
	Did subject receive hospital treatment:	○ yes 1 ○ no 0	selfharmtreat 🗹 🕼
HD History 160			
HD month diagnosed:	/ mm/yyyy ye	ar	hddiagnosed 🗹 🕼
Symptoms month first noted by subject:	/ mm/yyyy ye	ar	symptomssubject 🗹 🕼
Symptoms month first noted by family:	/ mm/yyyy ye	ar	symptomsfamily 🗹 🗗
Rater's month estimate of symptom onset:		ar	raterestimate 🗹 🕼
What are these symptoms			
	motor cognitive ps	sychiatric oculomotor other mixed	

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	Initial major symptom ¹ noted by subject	Ο 2	03	• 4	5	o majorsymptomsubject 🗹 🕼 6
	Initial major O symptom ¹ noted by family	Ο 2	○ 3	• 4	5	💿 majorsymptomfamily 🗹 🖟 6
	Rater's O judgement of ¹ initial major symptom	Ο 2	03	• 4	5	💿 majorsymptomrater 🗹 🕼 6
Comments:	○ yes 1 ○ no 0					commenthistory 🗹 🕼
	Enter comment:					commenthistorytxt 🗹 🕼



14 Form "Huntington's Disease History (HD History)"

Huntington's Disease History

generalcheck	-					
HD Clinical C	haracteristics and Age	-of-Onset 4820				
Indicate who provided the information:	 □ subject only 1 informants [™] □ informant that knows subject well but does not reside with subject 2 □ informant that knows subject well and resides with subject 3 					
	hether in the meantime s inical characteristics:	ince Visit 1 any of the following b	ecame part of the			
	Have motor symptoms ever been part of the subject's clinical features:	○ yes 1 ○ no 0	motor 🗹 🕼			
		At what age did the subject 's motor clinical features begin?	motorage 🗹 🖟			
	Has depression (includes treatment with antidepressants with or without a formally-stated diagnosis of depression) ever been a part of the subject's HD clinical features:	○ yes 1 ○ no 0	depression 🗹 🕼			
		At what age years did the depression begin:	depressage 🗹 🖟			
	Has irritability ever been a part of the subject's HD clinical features:	○ yes 1 ○ no 0	irritability 🗹 🖟			
		At what age did irritability begin:	irritage 🗹 🕼			
	Has violent or aggressive behaviour ever been a part of the subject's HD clinical features:	○ yes 1 ○ no 0	violent 🗹 🕼			
		At what age did violent/aggressive behaviour begin:	violentage 🗹 🖟			

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Has apathy ever be part of the subject clinical features:	een a 's HD	○ yes 1 ○ no 0	apathy 🗹 🕼
		At what age did apathy begin:	s apathyage 🗹 🕼
Has perseverative/obse behaviours ever be part of the subject clinical features:	een a	○ yes 1 ○ no 0	obsessive 🗹 🕼
		At what age did perseverative/obsessive behaviours begin:	obsessage 🗹 🕼 years
Has psychosis (hallucinations or delusions) been a part of the subject's HD:	• у	es 1 ^O no 0	psychosis 🗹 🕼
		vhat age did psychosis llucinations/delusions) yea	psychage 🗹 🕼
Has significant cognitive impairme (severe enough to impact on work or activities of daily living) or dementia ever been a part o subject's HD clinic features:	a f the	○ yes 1 ○ no 0	dementia 🗹 🕼
		At what age did cognitive impairment first start to have an impact on daily life:	rs dementage 🗹 🕼
Previous suicidal ideation:	○ yes	1 O NO 0	suicidal 🗹 🕼
	Date o ideatio		7 dtcsuicidal 🗹 🕼
	Did su receive hospita treatm	al	suicidaltreat 🗹 🕼
Previous suicide attempts:	 yes 	1 ^O no 0	suicide 🗹 🕼

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TRACKID

		Date of attempt:		dtcsuicide 🖄 🕼
		Did subject receive hospital treatment:	○ yes 1 ○ no 0	suicidetreat 🗹 🕼
	self-harm:	○ yes 1 ○ no o	D	selfharm 🗹 🕼
		Date of self-harm:	· · · · · · · · · · · · · · · · · · ·	dtcselfharm 🗹 🕼
		Did subject receive hospital treatment:	○ yes 1 ○ no 0	selfharmtreat 🗹 🕼



15 Form "Huntington's Disease History (HD History)"

Huntington's Disease History

generalcheck	_		
HD Clinical C	haracteristics and Age	e-of-Onset 5199	
Indicate who provided the information:	reside with subject 2 informant that knows subject 3	s subject well and resides with	
	HD clinical characteristi	since previous visit any of the following became par cs:	t
	Have motor symptoms ever been part of the subject's clinical features:	○ yes 1 ○ no 0 motor 🗹 🕻	J
		At what age years motorage 🗹 🖟 did the subject´s motor clinical features begin?	I
	Has depression (includes treatment with antidepressants with or without a formally-stated diagnosis of depression) ever been a part of the subject's HD clinical features:	O yes 1 O no 0 depression 🗹 🕻	1
		At what age years depressage 🗹 🕼 did the depression begin:	1
	Has irritability ever been a part of the subject's HD clinical features:	○ yes 1 ○ no 0 irritability 🗹 🕻	ļ
		At what age years irritage 🗹 🖟 did irritability begin:	I
	Has violent or aggressive behaviour ever been a part of the subject's HD clinical features:	○ yes 1 ○ no 0 violent 🗹 🕻	1
		At what age did years violentage 🗹 🖟 violent/aggressive behaviour begin:	1

TRACKHD

Has apathy ever been a part of the subject's HD • yes 1 • no 0 apathy 🗭 • Clinical features: At what age did apathy begin: • yes 1 • no 0 obsessive 🗭 • Has perseverative/obsessive behaviours ever been a part of the subject's HD: • yes 1 • no 0 obsessive 🗹 • Has psychosis (hallucinations or delusions) been a part of the subject's HD: • yes 1 • no 0 obsessave 🗹 • Has significant cognitive impairment (severe enough to impact on work or activities of daily living) or dementia ever been a part of the subject's HD clinical features: • yes 1 • no 0 dementae 🗹 • At what age did psychosis (severe enough to impact on work or activities of daily living) or dementia ever been a part of the subject's HD clinical features: • yes 1 • no 0 dementae f • Previous suicidal ideation: • yes 1 • no 0 suicidal ideation: impairment first start to have an impact on daily life: Previous suicidal ideation: • yes 1 • no 0 suicidal ideation: impairment first start to have an impact on daily life: suicidal ideation: Did subject • yes 1 • no 0 suicidal ideation: impairment first start to have an impact on daily life: suicidal ideation: Did subject • yes 1 • no 0 suicidal ideation: impairment impairment first start to have an impact on ideatite if of ideation: idecuicidal ideatio
Has perseverative/obsessive behaviours ever been a part of the subject's HD clinical features: • yes 1 • no 0 obsessive 🖌 🗭 At what age did perseverative/obsessive behaviours begin: • yes 1 • no 0 psychosis () Has psychosis (hallucinations or delusions) been a part of the subject's HD: • yes 1 • no 0 psychosis () At what age did psychosis (hallucinations/delusions) • yes 1 • no 0 psychosis () Has significant (severe enough to impact on work or activities of daily living) or dementia ever been a part of the subject's HD clinical features: • yes 1 • no 0 dementia () At what age did cognitive impairment first start to have an impact on daily life: years dementage () Previous suicidal ideation: • yes 1 • no 0 suicidal () . Date of ideation: • yes 1 • no 0 suicidal () . Did subject receive isopital itreatment: • yes 1 • no 0 suicidal () .
perseverative/obsessive behaviours ever been a part of the subject's HD clinical features: At what age did perseverative/obsessive behaviours begin: obsessage 🗹 🗭 Has psychosis (hallucinations or delusions) been a part of the subject's HD: • yes 1 • no 0 psychosis 🗹 🗭 Has significant cognitive impairment (severe enough to impact on work or activities of dally living) or dementia ever been a part of the subject's HD clinical features: • yes 1 • no 0 dementa 🗹 🗭 At what age did cognitive impairment (severe enough to impact on work or activities of dally living) or dementia ever been a part of the subject's HD clinical features: • yes 1 • no 0 dementa 🗹 🗭 Previous suicidal ideation: • yes 1 • no 0 suicidal 🗹 🗭 Date of ideation: • yes 1 • no 0 suicidal 🗹 🗭 Did subject receive hospital treatment: • yes 1 • no 0 suicidal 🗹 🗭
perseverative/ obsessive years Has psychosis (hallucinations or delusions) been a part of the subject's HD:
(hallucinations or delusions) been a part of the subject's HD: At what age did psychosis years psychage 🖉 🕼 Has significant cognitive impairment (severe enough to impact on work or activities of daily living) or dementia ever been a part of the subject's HD clinical features: • yes 1 • no 0 dementia 🗹 🕼 At what age did psychosis impact on work or activities of daily living) or dementia ever been a part of the subject's HD clinical features: • yes 1 • no 0 dementage 🖉 🕼 Previous suicidal ideation: • yes 1 • no 0 suicidal 🗹 🕼 Date of ideation: • yes 1 • no 0 suicidal 🗹 🕼 Did subject impairment; • yes 1 • no 0 suicidal 🗹 🕼 Previous suicidal • yes 1 • no 0 suicidal 🗹 🕼 Previous suicidal ideation: • yes 1 • no 0 suicidal 🗹 🕼 Previous suicide • yes 1 • no 0 suicidal 🗹 🕼
(hallucinations/delusions) years begin: • yes 1 • no 0 Has significant cognitive impairment (severe enough to impact on work or activities of daily living) or dementia ever been a part of the subject's HD clinical features: • yes 1 • no 0 At what age did cognitive impairment first start to have an impact on daily life: • yes 1 • no 0 Previous suicidal ideation: • yes 1 • no 0 Date of ideation: • yes 1 • no 0 Did subject receive hospital treatment: • yes 1 • no 0 Previous suicide • yes 1 • no 0
cognitive impairment (severe enough to impact on work or activities of daily living) or dementia ever been a part of the subject's HD clinical features: At what age did cognitive impairment first start to have an impact on daily life: years dementage I ↓ Previous suicidal ideation: • yes 1 • no • suicidal I ↓ ↓ ↓ Date of ideation: • yes 1 • no • suicidal I ↓ ↓ ↓ ↓ Did subject receive hospital treatment: • yes 1 • no • suicidal I ↓ ↓ ↓ ↓ Previous suicide • yes 1 • no • • yes 1 • no • suicidal I ↓ ↓ ↓
did cognitive impairment first start to have an impact on daily life: impact on daily life: Previous suicidal ideation: • yes 1 • no 0 suicidal 🗹 🕒 Date of ideation: •
suicidal ideation: Date of ideation: Did subject receive hospital treatment: Previous suicide yes 1 no 0 suicidaltreat yes 1 yes 1 yes 1 yes 1 yes 1 yes 1 yes 1 yes 1 yes
ideation: Did subject yes 1 on 0 receive hospital treatment:
Previous suicide O yes 1 O no 0 suicide 🗹 🖟
Jes I no o

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	Date		. 7	dtcsuicide 🗹 🕼
	recei hosp		• no o •	suicidetreat 🗹 🖟
Prev self-	ous oyes harm:	s 1 ^O no 0		selfharm 🗹 🗗
	Date self-h		. 7 d	ltcselfharm 🗹 🕼
	Did s receiv hospi treatr	tal	no o sel	lfharmtreat 🗹 🖟



16 Form "CAG History (CAG History)"

CAG History

generalcheck			
General 175			
Date of labora report:	itory .	🔽 (format "dd.mm.yyyy")	datecag 🗹 🖟
CAG Analysis	177		
CAG analysis	results (number of CAG repe	eats):	
	Were the exact repeat lengths given in the laboratory report?	○ yes 1 ○ no 0	repeatsinreport 🗹 🖟
	Allele 1 CAG repeat length (smaller allele):		allelesmall 🗹 🕼
	Allele 2 CAG repeat length (larger allele):		a llelelarge 🗹 🕼
Analyzing laboratory :			analyselab 🗹 🕼
Comments:	○ yes 1 ○ no 0		commentcag 🗹 🕼
	Enter comment:] commentcagtxt 🗹 🗗



17 Form "Withdrawal of Biosamples with Deferred Shipment (Samples EDTA/PX)"

Withdrawal of Biosamples with Deferred Shipment

Withdrawal of Specimen 🧏 🗉					
Date and Time of Sampling:	· · · ·	GMT+1 (Format "do	l.mm.yyyy hh:mm")		specimendate 🗹 🕼
Specimen Product	Barcode	Quantity Shipped?	Receipt state Out	tcome Date Completed	ID
EDTA specimentype Plasma	producttype barcode	🗹 🕼 quantity 🗹 🕼 no shippe	d 🕼 submstate 🕼	finalstate 🕼 🔜 .	completeddate 🕼 📃 inv_id 🕼
Shipping of Specimen 1323					
	processed and stored locally at the ent samples and notify BioRep on t		A and PaXGene samples will be done on a mo	onthly basis. Please use the stud	y site dossier, section Monthly
			A and PaXGene samples will be done on a mo	onthly basis. Please use the stud	y site dossier, section Monthly
Shipments in order to select uns		he shipment before delivery.	A and PaXGene samples will be done on a mo	onthly basis. Please use the stud	



18 Form "Withdrawal of Biosamples with Deferred Shipment (Samples EDTA/ACD)"

Withdrawal of Biosamples with Deferred Shipment

Withdrawal of Specimen 🧏							
Date and Time of Sampling:	· · ·	AD	1T+1 (Format "dd.mi	m.yyyy hh:mm")			specimendate 🗹 🕼
Specimen Produ	t Barcode	Quantity	Shipped?	Receipt state	Outcome	Date Completed	ID
EDTA specimentype Plasm	producttype	parcode 🗹 🕼 📃 quantity (🗹 🕼 no shipped 🕼		submstate 🕼 📃 finalst	ate 🕼 🔜 .	completeddate 🕼 📃 inv_id 🕼
Chinning of Chapiman (200							
Shipping of Specimen 1323							
				nd PaXGene samples	will be done on a monthly ba	sis . Please use the stu	dy site dossier, section Monthly
EDTA and PaXGene blood will b			delivery.	nd PaXGene samples	will be done on a monthly ba	sis . Please use the stu	dy site dossier, section Monthly
EDTA and PaXGene blood will b Shipments in order to select u		p on the shipment before	delivery. yyyy")	nd PaXGene samples	will be done on a monthly b a	isis . Please use the stu	· · ·

TRACKHD

19 Form "Withdrawal of Biosamples with Instant Shipment (Samples ACD)"

Withdrawal of Biosamples with Instant Shipment

Withdrawal of Specimen 🗏 298							
							subtype
Date and time of sampling:		: GMT+1 (Format "dd.mm.yyy	/ hh:mm")			specimendate 🗹 🕼
Should CAG be determined by BioRep	<u>o?</u>						determinecag 🗹 🗗
Specimen Product	Barcode	Quantity	Receipt state	Outo	come	Date Completed	ID
ACD specimentype Cell line	producttype barcode	🗹 🕼 💶 quantity 🗹 🕼	"	submstate 🗗	finalstate [9	completeddate 🕼 📃 inv_id 🕼
Shipping of Specimen 1303							
Airway bill no:							airwaybillnum 🗹 🕼
Date of notification:	(fo	rmat "dd.mm.yyyy")					requestdate 🕼
Date of receipt:		rmat "dd.mm.yyyy")					receiptdate 🕼
Total shipping time:	h : hours/	min min					shiptime 🕼
Evaluation of Specimen 1305							
CAG smaller allele:	value ± prec	ision					cagsmaller 🕼
CAG larger allele:	value ± prec	ision					caglarger 🕼



20 Form "Withdrawal of Biosamples with Instant Shipment (Samples ACD)"

Withdrawal of Specimen	<u>涛</u> 3899					
						subtype
Date and time of sampling:		7	Format "dd.mm.yyyy h	h:mm")		specimendate 🗹 🕼
Specimen Pro	oduct Barcode	Quantity	Receipt state	Outcome	Date Completed	ID
ACD specimentype Ce	II line producttype	barcode 🗹 🕼 💶 quantity 🗹 🕻	P	submstate 📮 🔤 finals	state 🗗 📃 .	completeddate 🕼 👘 inv_id 🕼
Shipping of Specimen 1303	3					
Airway bill no:						airwaybillnum 🗹 🕼
Date of notification:		(format "dd.mm.yyyy")				requestdate 🕼
Date of receipt:		(format "dd.mm.yyyy")				receiptdate 🕼
Total shipping time:	h :	hours/min min				shiptime 🕼

Withdrawal of Biosamples with Instant Shipment



21 Form "Huntington's Disease Rating Scale '99 -Motor Assessment (Motor)"

General 421 Motor score:				motorscore 🗹 🕻
Motor Assessment 42	4			
Ocular pursuit:				
	Horizontal	Vertical		
	0	0	0 = complete (normal)	
	0 1	• 1	1 = jerky movement	
	0 2	° 2	2 = interrupted pursuits/full range	
	0 3	0 ₃	3 = incomplete range	
Deserved a statistication of	O 4 ocuburaul	thor 🗠 🔛 💿 4 ocuburants	🗹 🖉 4 = cannot pursue	
Saccade initiation:	Horizontal	Vertical		
	0 0	0 0	0 = normal	
	0 1	0 1	1 = increased latency only	
	0 2	0 2	2 = suppressible blinks or head movements to initiate	
	0 3	0 3	3 = unsupressable head movements	
	o ₄ sacinitiatio		rer 🗹 🕼 4 = cannot initiate saccades	
Saccade velocity:				
	Horizontal	Vertical		
	O 0	• •	0 = normal	
	0 1	0 1	1 = mild slowing	
	O 2	O 2	2 = moderate slowing	
	0 3	0 3	3 = severely slow, full range	
	O ₄ sacvelocit	yhor 🗹 🕼 🕤 👍 sacvelocity	er 🗹 🕼 4 = incomplete range	
Dysarthria:	0 = normal	0 , no need to repeat 1		dysarthria 🗹 🕻
	o 2 = must re	epeat to be understood 2 incomprehensible 3		
fongue protrusion:		ld tongue fully protruded	for 10 sec a	tonprotrusion 🗹 🕼
angee production.	<pre>0 1 = cannot 0 2 = cannot 0 3 = cannot</pre>	keep fully protruded for keep fully protruded for fully protrude tongue 3 protrude tongue beyond	0 sec 1 i sec 2	
Finger taps:	Right	left		
	0 0	0 0	0 = normal (≥15/5 sec.)	
	O 1	0 1	1 = mild slowing, reduction in amplitude (11-14/5 sec.)	
	0 2	0 2	2 = moderately impaired (7-10/5 sec.)	
	0 3	0 3	3 = severely impaired (3-6/5 sec.)	
	O 4 fingertaps	right 🗹 🕼 🜼 4 fingertapsle	🖄 🕼 4 = can barely perform task (0-2/5 sec.)	
Pronate/supinate-har	nds:			
	Right	Left		
	0	• 0	0 = normal	
	0 1	° 1	1 = mild slowing and/or irregular	
	0 2	° 2	2 = moderate slowing and irregular	
	0 3	3	3 = severe slowing and irregular dekaft ፼ ₽ 4 = cannot perform	
			dosert 🕑 🦭 4 = cannot perform	luria 🗹 🕼
Luria:	0 1 = <4 in 1 $0 2 = \ge 4 \text{ in } 1$	0 sec, no cue 0 0 sec, no cue 1 0 sec with cues 2 0 sec with cues 3 perform 4		un si ma
Rigidity-arms:				
	Right	Left	_	
	0	0 0	0 = absent	
	0 1	0 1	1 = slight or present only with activation	
	O 2	0 2	2 = mild to moderate	
	0 3	 	3 = severe, full range of motion	
	O 4 rigarmsrig		4 = severe with limited range	bradkinbody 🗹 🕼
Bradykinesia-body:	0 = normal			
3radykinesia-body:	o 3 = modera	but clearly slow 2 ately slow, some hesitation		
	 1 = minima 2 = mildly l 3 = modera 	but clearly slow 2		
	 1 = minima 2 = mildly l 3 = modera 	but clearly slow 2 ately slow, some hesitation	LUE RLE LLE	
Bradykinesia-body: Maximal dystonia:	 1 = minima 2 = mildly I 3 = modera 4 = marked 	but clearly slow 2 ately slow, some hesitatio lly slow, long delays in i	litation 4	absent

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TRACKID

	0 2	O 2	0 2	(2	0 2	2 = mild/common or	moderate/intermittent
	0 3	0 3	0 3		3	0 3	3 = moderate/commo	
	O 4 maxdystrur	ik 🗹 🕼 🔉 4 ma	ixdysrue 🗹 🕼 🜼 4	maxdyslue 🗹 🕼 (a maxdysrie 🗹 🕼	🔘 ₄ maxdyslle 🗹 🕼	4 = marked/prolonge	d
Maximal chorea:								
	Face	BOL	Trunk	RUE	LUE	RLE	LLE	-
	0	0	0	0	0	0	0	0 = absent
	0 1	0 1	0 1	0	0 1	0	0	1 = slight/intermittent
	2	2	0 2	2	2	0 2	2	2 = mild/common or moderate/intermitten
	3	3	0 3	0 3	0 3	0 3	0 3	3 = moderate/common
	 ○ choreaface [™] 4 	Choreabol 4	🖞 🕼 💿 choreatrunk 4	: 🗹 🕼 💿 chorean 4	ue 🗹 🕼 💿 choreali 4	ue 🗹 💭 🕜 chorearle 4	🖞 🕼 🔿 chorealle 🖞 🕼 4	4 = marked/prolonged
Gait:	 0 = normal g 1 = wide bas 2 = wide bas 3 = walks on 4 = cannot a 	e and/or slow : e and walks wi ly with assistar	th difficulty 2					gait 🗹 🕻
Tandem walking:	0 = normal f 1 = 1 to 3 de 2 = >3 devia 3 = cannot c 4 = cannot a	eviations from s ations 2 omplete 3	traight line 1					tandem walk 🖄 🕻
Retropulsion pull test:	 0 = normal 0 1 = recovers 2 = would fa 3 = tends to 4 = cannot s 	spontaneously II if not caught fall spontaneou	2					retpulitest 🗹 🕻
Diagnostic Confidenc	e 472							
Diagnostic confidenc		 1 = non-sp 2 = motor = 	(no abnormalities ecific motor abnor abnormalities that abnormalities that	malities (less tha may be signs of are likely signs o	HD (50 - 89 % con of HD (90 - 98 % c	nfidence) 2 confidence) 3		diagconf 🗹 🕻

maxdychorea maxdyscheck



22 Form "Quantitative Motor Assessments (QMotor)"

Source Data 1834					
Force Transducer Tasks:	(no file)				file 🗹 🗗
GAITRite:	(no file)				gaitfile 🗹 🗗
Brainstem Motor C	oordination Test	971			
Tongue force variability (primary outcome measure):	%				tonguevariability 🗹 🕼
Mean tongue force:	Ν				tongueforce 🗹 🗗
Mean contact time:	sec				tonguetime 🗹 🕼
Upper Extremity M	otor Coordinatior	Test 972			
		Left hand	t	Right ha	and
Mean static grip fo (primary outcome		%	, gripvarleft 🗹 🗗	9	6 gripvarright 🗹 🖟
Mean static grip fo	rce	N	gripstaticleft 🗹 🕼	Ν	gripstaticright 🗹 🕼
Maximal grip force	:	N	maxgripleft 🗹 🕼	Ν	maxgripright 🗹 🕼
Maximal grip force	e rate	N/s	maxgriprateleft 🗹 🕼	N/s	maxgriprateright 🗹 🕼
Maximal load force	e rate	N/s	maxgriploadleft 🗹 🗗	N/s	maxgriploadright 🗹 🗗
Preload phase		msec	grippreloadleft 🗹 🕼	msec	grippreloadright 🗹 🗗
Load phase		msec	griploadleft 🗹 🗗	msec	griploadright 🗹 🕼

TRACKID

Neurophysiologi	cal Chorea Analysi	S 974	
L		Right hand	
Position-index	positionleft 🗹 🕼	positionright 🗹 🕼	
Orientation-index	orientleft 🗹 🕼	orientright 🗹 🖟	
Bradykinesia Test	973		
Tapping rate (primary outcome measure):	n		tapprate 🗹 🕼
Tapping rate variability:	%		tappratevar 🗹 🖟
Tapping intensity:			
	Normal force applied:	Ν	tappnormforce 🗹 🕼
	Maximal force generation rate:	N/s	tappmaxforce 🗹 🖟
	Inter tap interval:	sec	tappinterval 🗹 🗗
Gait Test 975			
Velocity:			gaitvelocity 🗹 🕼
Cadence:			gaitcadence 🗹 🕼
Stride length:			gaitstride 🗹 🕼
% time in double support:			gaittime 🗹 🕼
Coefficient of variation in velocity:			gaitvelocoeff 🗹 🕼
Coefficient of variation in cadence:			gaitcadcoeff 🗹 🕼
Coefficient of variation in stride length:			gaitstridecoeff 🗹 🖟
Coefficient of variation in % time in double support:			gaittimecoeff 🗹 🕼
Serial 3's accuracy score:			gaitserial3s 🗹 🖟



23 Form "Quantitative Motor Assessments (QMotor)"

Quantitative Motor Assessments

Source Data 3810		
Force Transducer Tasks:	(no file)	file 🗹 🕼
GAITRite:	(no file)	gaitfile 🗹 🕼
Force Plate Tasks:	(no file)	fpfile 🗹 🕼



24 Form "Quantitative Motor Assessments (QMotor)"

Quantitative Motor Assessments

Source Data	4616						
Force Transduo	cer Tasks:	(no file)				file 🗹 🕼
Force Plate Tas	sks:	(no file)				fpfile 🗹 🕼
Speeded Tappi	ng Task with	Serial 2s 4652					
Speeded Tapping Task with Serial 2s completed:	○ yes ı ○ r	00					st2 🗹 🗗
		100 No Tap	99 Tap	98 Tap	97 Tap	96 Tap	95 Tap
	Total number of subtraction	stap2_trial1_subtract 🗹 (🖵 🧾 stap2_trial2_subtract 🗹 🕻	stap2_trial3_subtract 🗹 🕼	stap2_trial4_subtract 🗹 🕼	stap2_trial5_subtract 🗹 🕼	stap2_trial6_subtract 🗹 🕼
	Number of errors	stap2_trial1_errors 🗹 🗗	stap2_trial2_errors 🗹 🖟	stap2_trial3_errors 🗹 🕼	stap2_trial4_errors 🗹 🗗	stap2_trial5_errors 🗹 🗗	stap2_trial6_errors 🗹 🕼



25 Form "Oculomotor Assessment (Oculomotor)"

Oculomotor Assessment

Colour Defici	ency 2250						
Ishihara RGcb	:	O yes 1	no 0				rgcb 🗹 🕼
Source Data	299						
	File (LDF):	(no file)					ldffile 🗹 🕼
	ta Import 1	825					
Oculomotor Analysis File:	(no file)						oculomcsv 🗹 🕼
OAB variables import report:							oab_import_report 🕼
OAB variables	3454						
	CONTOTAL	CON1	CON2	CON3	PRO	TOTAL	%
Recorded trials	trct [P	trc1 🕼	trc2 🕼	trc3 🗗	trpr 🕼 📃 t	rt 🕼 tp
Accepted trials	act 🕻	,	ac1 🕼	ac2 🕼	ac3 🗗	apr 🕼 📃 a	ap 🕼
LATENCY CO	NTOTAL	CON1	CON2	CO	N3	PRO	
total(med)	ltmct 🕼		ltmc1 🕼	ltmc2 🕼	ltmc3 🗗	ltmpr 🗗	
total(SD)	ltsct 🕼		ltsc1 🕼	ltsc2 🕼	ltsc3 🗗	ltspr 🕼	
pro(med)	lpmct 🕻]	lpmc1 🗗	lpmc2 🕼	lpmc3 🗗	lpmpr	
pro(SD)	lpsct 🗗		lpsc1 🕼	lpsc2 🗗	lpsc3 🕼	lpspr	
anti(med)	lamct 🕻]	lamc1 🗗	lamc2 🕼	lamc3 🗗	lampr	
anti(SD)	lasct 🗗		lasc1 🕼	lasc2 🕼	lasc3 🗗	laspr	
VELOCITY CO	NTOTAL	CON1	CON	2 C	ON3	PRO	
total(med)	vtmct 🕻)	vtmc1 🕼	vtmc2 🕼	vtmc3 🕻	Vtmpr	P
total(SD)	vtsct 🗗		vtsc1 🕼	vtsc2 🕼	vtsc3 🗗	vtspr [<u>Q</u>
pro(med)	vpmct 🖞	7	vpmc1 🕼	vpmc2 🕼	vpmc3 🕻	🖵 vpmpr	
pro(SD)	vpsct 🕻		vpsc1 🕼	vpsc2 🕼	vpsc3 🕻) vpspr	
anti(med)	vamct [7	vamc1 🗗	vamc2 🕼	vamc3 🕻	🖵 vampr	
anti(SD)	vasct 🕻		vasc1 🗗	vasc2 🗗	vasc3 🕻) vaspr	
ERROR CON	TOTAL C	CON1	CON2	CON3	B PR	.0	
total(%)	etpct 🕼	e	tpc1 🕼	etpc2 🕼	etpc3 🗗	etppr 🗗	
pro(%)	eppct 🕼	e	eppc1 🕼	eppc2 🕼	eppc3 🗗	epppr	
anti(%)	eapct 🕼	e	apc1 🕼	eapc2 🗗	eapc3 🗗	eappr	



26 Form "Oculomotor Assessment (Oculomotor)"

Oculomotor Assessment

Source Data	a 299										
LatencyMete	r File (LDF):	(no file)									ldffile 🗹 🗗
Analysed D	ata Import 18	25									
Oculomotor Analysis File:	(no file)									oc	ulomcsv 🗹 🗗
OAB variables import report:										oab_im	port_report 🕼
OAB variable											
Recorded trials		CON1	trc1 🗗	N2 trc2 🕻	CON3	trc3 🗗	PRO	trpr 🗗 🗌	TOTAL trt	% []	tp
Accepted trials	act 🕻		ac1 🕼 📃	ac2 🕻		ac3 🗗		apr 🗗	at (¢ _	ap 🗗
LATENCY CO	ONTOTAL	CON1	С	CON2	CON	٧3	PI	RO			
total(med)	ltmct 🗗		ltmc1 🕼 🗌	ltm	nc2 🕼 📃	lt	:mc3 🗗 🗌		ltmpr 🗗		
total(SD)	ltsct 🕼		ltsc1 🗗	ltso	c2 🕼	lt	sc3 🗗		ltspr 🗗		
pro(med)	lpmct 🕼		lpmc1 🕼 🗌	lpn	nc2 🗗 📃	lp	omc3 🗗		lpmpr		
pro(SD)	lpsct 🗗		lpsc1 🗗	lps	c2 🕼	lp	osc3 🗗		lpspr		
anti(med)	lamct 🗗		lamc1 🕼	lan	nc2 🗗	la	amc3 🗗		lampr		
anti(SD)	lasct 🕼		lasc1 🗗	las	ic2 🕼	la	asc3 🗗		laspr		
VELOCITY CO	ONTOTAL	CON1		CON2	C	ON3		PRO			
total(med)	vtmct 🗗		vtmc1 🗗	V	rtmc2 🗗 🗌		vtmc3 🗗		vtmpr 🕻		
total(SD)	vtsct 🗗		vtsc1 🗗	v	/tsc2 🗗		vtsc3 🗗		vtspr 🗗		
pro(med)	vpmct 🕻)	vpmc1 🗗	v	/pmc2 🕼 📃		vpmc3 🗗		vpmpr		
pro(SD)	vpsct 🗗		vpsc1 🗗	v	/psc2 🗗		vpsc3 🗗		vpspr		
anti(med)	vamct 🕻	,	vamc1 🗗	v	/amc2 🗗		vamc3 🗗		vampr		
anti(SD)	vasct 🗗		vasc1 🕼	v	/asc2 🗗		vasc3 🗗		vaspr		
ERROR CON	TOTAL C	ON1	сог	N2	CON3		PRC)			
total(%)	etpct 🗗	et	pc1 🕼 📃	etpc2	0	etpo	:3 🗗	et	ppr 🗗		
pro(%)	eppct 🕼	ep	opc1 🕼 📃	eppc2	2 🖉 📃	eppo	c3 🗗	e	oppr		
anti(%)	eapct 🗗	ea	ipc1 🗗	eapc2	2 🗗	eapo	c3 🗗	ea	appr		

27 Form "Oculomotor Assessment (Oculomotor)"

Oculomotor Assessment

Visual Acuity	' Test 4488				
Snellen Acuit	y 100% Chart	2.5% Chart	1.25% Chart		
20/200	count_100_1 🗹 🗗	count_25_1 🗹			
20/160	count_100_2 🗹 🗗	count_25_2 🗹			
20/125	count_100_3 🗹 🗗	count_25_3 🗹	Count_125_3	3 🗹 🗗	
20/100	count_100_4 🗹 🗗	count_25_4 🗹	Count_125_4	+ 🗹 🗗	
20/80	count_100_5 🗹 🗗	count_25_5 🗹	Count_125_5	5 🗹 🕼	
20/64	count_100_6 🗹 🕼	count_25_6 🗹			
20/50	count_100_7 🗹 🕼	count_25_7 🗹	Count_125_7	7 🗹 🖗	
20/40	count_100_8 🗹 🕼	count_25_8 🗹	Count_125_8	3 🗹 🖗	
20/32	count_100_9 🗹 🕼	count_25_9 🗹	Count_125_9) 🗹 🕼	
20/25	count_100_10 🗹 🕻	count_25_10	🖞 🕼 count_125_:	10 🗹 🗗	
20/20	count_100_11 🗹 🕻	count_25_11	🖞 💭 🛛 count_125_:	L1 🗹 🕼	
20/16	count_100_12 🗹 🕻	count_25_12	🖞 🕼 👘 count_125_:	L2 🗹 🗗	
Total Correct	count_100_total 🗹	Count_25_total	🗹 🕼 📃 count_125_t	otal 🗹 🕼	
Snellen visua equivalent:	al acuity				snellenvae 🗹 🗗
Source Data	a 299				
LatencyMete	r File (LDF): (no file)				ldffile 🗹 🗗
Analysed D	ata Import 1825				
Oculomotor Analysis File:	(no file)				oculomcsv 🗹 🕼
OAB variables import report:				02	ib_import_report 🕼
OAB variable	s 3454				
	CONTOTAL CON1	CON2	CON3 PRO	TOTAL	%
Recorded trials	trct 🕼	trc1 🖟 👘 trc2 🕼	trc3 🗗	trpr 🕼 👘 trt 🕼	tp
Accepted trials	act 🕼	ac1 🕼 📃 ac2 🕼	ac3 🕼	apr 🕼 📃 at 🕼	ap 🗗
	ONTOTAL CON1	CON2		PRO	
total(med)	Itmct 🗗	ltmc1 🕼 📃 ltmc2	tmc3 🗗	ltmpr 🗗	
total(SD)	ltsct 🕼	ltsc1 🕼 📃 ltsc2		ltspr 🗗	
pro(med)	Ipmct 🗗	Ipmc1 🕼 Ipmc		lpmpr	
pro(SD)	lpsct 🕼	lpsc1 🕼 📃 lpsc2		lpspr	
anti(med)	lamct 🗗	lamc1 🕼 📃 lamc	2 🗗 📃 lamc3 🗗	lampr	
anti(SD)	lasct 🕼	lasc1 🕼 📃 lasc2	lasc3 🕼	laspr	
VELOCITY CO	ONTOTAL CON1	CON2	CON3	PRO	
total(med)	vtmct 🕼	vtmc1 🕼 📃 vtm	ıc2 🕼 📃 vtmc3 🕻	vtmpr 🗗	
total(SD)	vtsct 🕼	vtsc1 🕼 📃 vtse	2 🕼 vtsc3 🕼	vtspr 🗗	

TRACKHD-IDS-2015-10-R1 TRACK-HD Annotated eCRF



pro(med) vpmct	vpmc1	vpmc2 🕼	vpmc3 🗗	vpmpr	
pro(SD) vpsct	vpsc1 🕼	vpsc2 🗗	vpsc3 🗗	vpspr	
anti(med) vamct	vamc1 🕼	vamc2 🕼	vamc3 🗗	vampr	
anti(SD) vasct	🕼 🚺 vasc1 🕼	vasc2 🕼	vasc3 🗗	vaspr	
ERROR CONTOTAL	CON1 CO	ON2 CON	3 PRO		
	CON1 CO	DN2 CON	3 PRO	etppr [
ERROR CONTOTAL					



28 Form "Oculomotor Assessment (Oculomotor)

Oculomotor Assessment

Source Data 299			
LatencyMeter File (LDF): (no	o file)		ldffile 🗹 🕼
Analysed Data Import 6181			
Oculomotor (no file) Analysis File:			oculomcsv 🗹 🕼
OAB variables import report:			oab_import_report 🕼
OAB variables 6184			
CONTOTAL CO Recorded trials	CON1 CON2	CON3 PRO Image: product of the second	rpr 🗗 trt 🕼 tp
Accepted act 🕼	ac1 🕼 ac2 🕻	ac3 🗗 🦷	apr 🖟 📃 at 🕼 🔤 ap 🕼
LATENCY CONTOTAL CO	ON1 CON2	CON3 PF	0
total(med) Itmct 🕼	ltmc1 🕼 🔤 ltr	mc2 🕼 📃 ltmc3 🕼	ltmpr 🕼
total(SD)	ltsc1 🗗 lts	sc2 🕼 👘 Itsc3 🕼	ltspr 🗗
pro(med) Ipmct 🕼	lpmc1 🕼 🛛 lp	omc2 🕼 👘 Ipmc3 🕼	lpmpr
pro(SD)	lpsc1 🕼 🔤 lp	isc2 🕼 👘 Ipsc3 🕼	lpspr
anti(med) 📃 🛛 🖾	lamc1 🕼 📃 la	Imc2 🕼 👘 Iamc3 🕼	lampr
anti(SD)	lasc1 🕼 📃 la	isc2 🕼 📃 lasc3 🕼	laspr
VELOCITY CONTOTAL	CON1 CON2	CON3	PRO
total(med) vtmct 🕼	vtmc1 🕼	vtmc2 🕼 📃 vtmc3 🕼	vtmpr 🕼
total(SD) vtsct 🕼	vtsc1 🗗	vtsc2 🕼 👘 vtsc3 🕼	vtspr 🗗
pro(med) vpmct 🕼	vpmc1 🕼	vpmc2 🕼 vpmc3 🕼	vpmpr
pro(SD) vpsct 🕼	vpsc1 🕼	vpsc2 🕼 vpsc3 🕼	vpspr
anti(med) vamct 🕼	vamc1 🕼	vamc2 🕼 📃 vamc3 🕼	vampr
anti(SD) vasct 🕼	vasc1 🗗	vasc2 🕼 👘 vasc3 🕼	vaspr
ERROR CONTOTAL CON	N1 CON2	CON3 PRO	
total(%) etpct 🕼	etpc1 🕼 📃 etpc	2 🕼 etpc3 🕼	etppr 😰
pro(%) eppct 🕼	eppc1 🕼 eppc	eppc3 🕼	epppr
anti(%) eapct 🕼	eapc1 🕼 eapc	eapc3 🕼	eappr

29 Form "Graphimetry Assessment (Graphimetry)"

Graphimetry Assessment

Graphime	try Set Handout 2030				
GRAPHI	IMETRY Set Nr. GRAPHIMETRY Set Type				
1.	graphsetnr 🗹 🕼 🔘 monthly o 🔘 daily 1 graph	settype 🗹 🖟			
Graphime	try Assessment 300				
While trac	ing the spirals during the visit, was the drawing an	m or hand resting on the table?			
	For right hand form:	O yes 1 🕅	no 0		rhandrest 🗹 🖗
	For left hand form:	© yes 1 🤅	no 0		Ihandrest 🗹 🖟
GRAPHIN	METRY Nr. Front Date of assessment	Drawing Time OK	GRAPHIMETRY Nr. Back	Date of assessment	Drawing Time OK
1.	graphnrf 🗹 🕼 🛛 . 🛛 🖓 dtcf 🗹	🕼 🚺 timef 🖄 🕼 📄 reasonablef 🖄 🕼	graphnrb 🗹	🕼 🗌 . 🛛 🥛 dta	:b 🗹 🖟 👘 timeb 🗹 🖗 🦳 reasonableb 🗹 🖗
		SeC 1			sec 1
Graphimet	ry Assessment - Evaluation Results 1589				
Deviati	on Amplitude Devia	tion Amplitude			
1.	mm deviationr 🗹 🕼 📃 mm2 amplituder 🗹 🕼 📃	mm deviation 🗹 🖟 🗾 mm2 amplitude	1 <u>M</u> P		

30 Form "Graphimetry Assessment (Graphimetry)"

Graphimetry Assessment

Graphimetry Visit 1 Forms 3813	
GRAPHIMETRY Set Nr. Number forms already returned to Bochum Number forms returning to Bochum	
1. graphsetnr 🛱 🖟 formsreturned 🛱 🖗 formsreturning 🛱 🖗	
Graphimetry Assessment 3796	
While tracing the spirals during the visit, was the drawing arm or hand resting on the table?	
For right hand form: O yes 1 O no 0	rhandrest 🗹 🕼
For left hand form: O yes 1 O no 0	lhandrest 🗹 🖟
GRAPHIMETRY Nr. Front Date of assessment Drawing Time OK GRAPHIMETRY Nr. Back Date of assessment Drawing Time	OK
graphnrf 🖞 🖟 🔄	🗹 🖟 📄 ireasonableb 🗹 🕼
sec ¹ sec	1



31 Form "Cognitive Battery (Cognitive)"

General 2253			
Recent hand or wrist injuries:	© yes 1 [©] no 0		injuries 🗹 🖟
Recent pain in hand or wrist:	© yes 1 [©] no 0		pain 🗹 🖟
History of arthritis in hand or wrist:	© yes 1 [©] no 0		arthritis 🖄 🖟
Musical expertise, expertise as a typist, extensive use of video games or extensive use of SMS (texting):	© уез 1 © по о		expertise 🗹 💭
Do you suffer from smell problems:	© yes 1		smellproblems 🗹 🖟
	Please specify:		smellproblemsspec 🗹 🗗
Do you suffer from taste problems:	© yes 1 [©] no 0		tasteproblems 🗹 🖟
	Please specify:		tasteproblemsspec 🗹 🗗
History of smoking tobacco:	\bigcirc never smoked 1 \bigcirc ex-smoke	er 2 🔘 currently smokes 3	smoking 🗹 🖟
	How many cigarettes per day	:	numbercigarettes 🗹 🖟
	How many cigars per day:		numbercigars 🗹 🖟
	Other per day:		numberothers 🗹 🖟
	Do you inhale:	© yes 1 © no 0	inhalation 🗹 🖟
	When did you start:	(format "yyyy")	startsmoking 🗹 🖟
	When did you stop:	(format "yyyy")	stopsmoking 🗹 🖟
	Did your smell ability change after stopping:	© yes 1 [©] no 0	smellchanges 🗹 🖟
		Please specify how:	smellchangesspec 🗹 😡



Core Cognitive	Battery 921		
Symbol Digit Modalities Test (SDMT) completed:	○ yes 1 ○ no 0		digit 🗹 🕼
	Total number of correct responses:		sdmt_correct 🗹 🕼
Stroop Test - Word Reading Condition completed:	○ yes 1 ○ no 0		stroop 🗹 🕼
	Number of words correct in 45 seconds:		swr_correct 🖄 🕼
Trail Making Test Part A completed:	○ yes 1 ○ no 0		traila 🗹 🕼
	Time to complete Trails A:	sec	traila_time 🗹 🕼
	Number of errors:		triala_error 🗹 🕼
Trail Making Test Part B completed:	○ yes 1 ○ no 0		traib 🗹 🕼
	Time to complete Trails B:	sec	trailb_time 🗹 🕼
	Number of errors:		trialb_error 🗹 🕼
Point of View Task completed:	○ yes 1 ○ no 0		pov 🗹 🕼
	RAW data:	(no file)	pov_raw 🖄 🕼
	All stimuli, number correct:		pov_numbercorrect 🗹 🕼
Speeded Tapping Task completed:	○ yes 1 ○ no 0		st 🗹 🕼
	RAW data:	(no file)	stap_raw 🕼
	Digital Fingerprint (MD5) of the RAW Data:		stap_md5 💭
	Mean of intertap intervals (all trials):		stap_alltrials_intertapinterval_mean 🕼
	Standard Deviation of intertap intervals (all trials):		stap_alltrials_intertapinterval_stddev 🕼
Speeded Tapping Task with Serial 2s completed:	○ yes 1 ○ no 0		st2 🗹 🗗
	RAW data:	(no file)	stap2_raw 🕼
	Digital Fingerprint (MD5) of the RAW Data:		stap2_md5 🕼
	100 No Tap 99 Tap 98 Tap Total number of subtractions stap2_trial1_subtract @ stap2_trial2_subtract @	97 Tap 96 Tap 95 Tap stap2_trial3_subtract 🗹 🕼 stap2_trial4_subtract 🗹 🕼 stap2_trial5_subtract 🗹 🕼	
		stap2_trial3_errors @	
	Audio file:		stap2_audio 🕼 🏷
	Mean of intertap intervals (all trials):		stap2_alltrials_intertapinterval_mean 🕼
	Standard Deviation of intertap intervals (all trials):		stap2_alltrials_intertapinterval_stddev 🕼
Self Paced	○ yes 1 ○ no 0		pt 🗹 🕼
Tapping Task completed:			
	RAW data:	(no file)	ptap_raw 🕼
	Digital Fingerprint (MD5) of the RAW Data:		ptap_md5 🕼
		gned deviation from target intervals ptap_3hz_altrials tone_intertapinterval_avgsigneddev 🕼	
	3Hz Pace, Tone paced taps ptap_3hz_altrials_tone_intertapinterval_stddev () 3Hz Pace, Self paced taps ptap_3hz_altrials_self_intertapinterval_stddev ()	ptap_ht_atrials_self_intertapinterval_avgsigneddev	
	1.82Hz Pace, Self paced taps ptop_onandbi_donot op_intertapiner va_stdev	ptop_182hz_alkrials_tone_intertapinterval_avgsigneddev	
	1.82Hz Pace, Self paced taps ptap_182hz_altrials_self_intertapinterval_stddev 🚱	ptap_182hz_alkriak_self_intertapinterval_avgsigneddev 🕼	



NART-2 completed:	O yes 1 O no 0						iq 🗹 🕼
	Number of correctly pronounced words:						iq_correct 🗹 🕼
	Audio file:		(no fi	le)			iq_audio 💭
Emotion Recognition Task completed:	○ yes 1 ○ no 0						emo 🗹 🕼
	RAW data:		(no file)				emo_raw 🕼
	Digital Fingerprint (MD 5) of the RAW Data:						erno_md5 🕼
	Negative Emotions - Total number correct:						emo_negative_numbercorrect 💭
	Response Anger confusion matrix	Disgust	Fear	Happiness	Neutral	Sadness	Surprise
	Number of emo_responses_anger_anger anger stims responded to as	emo_responses_anger_disgust 💭	erno_responses_anger_fear 🐇	emo_responses_anger_happiness 💭	emo_responses_anger_neutral 💋	emo_responses_anger_sadness 🕼	emo_responses_anger_surprise 🕼
	Number of emo_responses_disgust_anger () disgust stim s responded to as	emo_responses_disgust_disgust 🕼	erno_responses_disgust_fear	emo_responses_disgust_happiness 🥵	emo_responses_disgust_neutral 🕼	erno_responses_disgust_sadness 🖗	emo_responses_disgust_surprise 🕼
	Number of emo_responses_fear_anger fear stims responded to as	erno_responses_fear_disgust 🕼	erno_responses_fear_fear 🥼	erno_responses_fear_happiness 🕼	erno_responses_fear_neutral 🕼	erno_responses_fear_sadness 🕼	erno_responses_fear_surprise 🕼
	Number of emo_responses_happiness_anger (happiness stims responded to as	erno_responses_happiness_disgust	erno_responses_happiness_fe	ar 🕼 🗾 emo_responses_happiness_happiness	🕼 emo_responses_happiness_neutral	generation and the second s	emo_responses_happiness_surprise 🖗
	Number of emo_responses_neutral_anger neutral stims responded to as	_	erno_responses_neutral_fear				emo_responses_neutral_surprise 💋
	Number of emo_responses_sadness_anger sadness stims responded to as	erno_responses_sadness_disgust 🖗	erno_responses_sadness_tear	emo_responses_sadness_happiness 🕼	erno_responses_sadness_neutral	erno_responses_sadness_sadness	emo_responses_sadness_surpnse 🕼
	Number of emo_responses_surprise_anger surprise stims responded to as	emo_responses_surprise_disgust 🕼	emo_responses_surprise_fear	<pre> emo_responses_surprise_happiness </pre>	emo_responses_surprise_neutral	emo_responses_surprise_sadness 🕼	emo_responses_surprise_surprise 🕼
Spot the Change Task completed:	○ yes 1 ○ no 0						stc 🗹 🕼
	RAW data:		(no	file)			spot_raw 🕼
	Digital Fingerprint (MD5) of the RAW Data						spot_md5 🕼
	Hit rate Set size 3 trials spot_setsize3_hitrate (Correct rejection rate p spot_setsize3_correctrejectrate (al percent correct 96 spot_setsize3_percentcorrect ()			
	Set size 5 trials spot_setsize5_hitrate (% spot_setsize5_percentcorrect []			

Smell Identification Test (UPSIT-20) completed:	0 yes 1 0	no o						upsk 🗹 💋
	Item #	а	b	с	d			
	01	0 1	0 2	0 3	0 4	upsit1 🕑 💋		
	02	0 1	0 2	0 3	0 4	upsit2 🕑 💭		
	03	0 1	0 2	0 3		upsit3 🗹 🕼		
	04	0 1	0 2	0.3		a 1 a		
	05	0 1	0 2	0 3		upsit5 🗹 🕼		
	06	0 1	0 2	0 3	0 4	upsitó 🗹 🚱		
	07	0 1	0 2	0 3		upsit7 🗹 🕼		
	08	0 1	0 2	0 3		upsit8 🗹 🕼		
	09	0 1	0 2	0 3		upsit9 🗹 🕼		
	10	0 1	0 2	03		upsit10 🖻 🕼		
	Item #	a	b	c	d			
	21	0 1	0 2	0 3	0 4	upsit21 🖻 💋		
	22	0 1	0 2	0 3	0 4	ups#22 🗠 🔛		
	23	0 1	0 2	0 3	0 4	upsit23 🕙 🕼		
	24	01	0 2	03	0 4	upsit24 🕑 🕼		
	25	0 1	O 2	0 3	0 4	upsit25 🗹 🕼		
	26	0 1	0 2	0 3	0 4	upsit26 🗹 🕼		
	27	0 1	0 2	03	0 4	upsit27 🔁 🕼		
	28	0 1	0 2	0 3	0 4	upsit28 🕙 🕼		
	29	0 1	O 2	0 3	0 4	upsit29 🗹 🕼		
	30	0 1	0 2	03	0 4	upsit30 🕑 🕼		
	Total nu	umber of co	orrect resp	ponses:				upskresponses 🖻 🕼
Circle Tracing Task completed:	• yes 1 •	no o						ct 🗹 💋
	RAW da	ita:					(no file)	circle_raw 🕼
	Digital I	Fingerprint	t (MD 5) of	f the RAW	D ata:			circle_md5 🕼
							Indirect condition Direct condition	
	Number	of rotation	ns comple	eted			circle_indirect_altrivis_numrotations D circle_direct_altrivis_numrotations D	
	Number	of deviati	ons beyor	nd outer e	dge of an	nulus	circle_indirect_altriais_outsideerror_numdeviations	
	Number	of deviati	ons inside	e inner ed	ge of ann	ulus	circle_indirect_altrivis_resideerror_numdeviations 🖉 circle_direct_altrivis_resideerror_numdeviations 🖉	
	Milliseo	onds within	n the annu	ulus			ms circle_indirect_altriais_annulus_time 🖉 ms circle_direct_altriais_annulus_time 🕼	
	Milliseo	onds beyon	nd outer e	edge of an	nulus mo	oving away from annulus	ms circle_indirect_altrivis_outsideenroraway_time	
	Milliseo	onds beyor	nd outer e	edge of an	nulus mo	oving toward annulus	ms circle_indirect_altrivisis_outsideemontoward_time 🕼 ms circle_direct_altrivisis_outsideemontoward_time 🕼	
	Milliseo	onds inside	e inner ed	ge of ann	ulus mov	ing away from annulus	ms circle_indirect_altrids_insideerroraway_time	
	Milliseo	onds inside	e inner ed	ge of ann	ulus mov	ing toward annulus	ms circle_indirect_altriais_insideerrortoward_time 🕼 ms circle_direct_altriais_insideerrortoward_time 🖗	
	Centime	eters of ink	laid with	in the ann	nulus		cm circle_indirect_altriais_annulus_length 💕 cm circle_direct_altriais_annulus_length 🖗	
	Centime	eters of ink	laidouts	ide outer	edge of a	annulus moving away from ann		
	Centime	eters of ink	laidouts	ide outer	edge of a	annulus moving toward annulus		
	Centime	eters of ink	laid insid	de inner e	dge of an	inulus moving away from annul	nnulus cm circle_indirect_alkrisis_insideerroraway_kngth 🖉 cm circle_direct_alkrisis_insideerroraway_kngth 🖉	
	Centime	eters of ink	laid insid	de inner e	dge of an	nulus moving toward annulus	us cm circle_indirect_altrivids_insideerrontoward_length 🖗 cm circle_direct_altrivids_insideerrontoward_length 🖗	
	Mean th	ieta over a	ll sampled	points			circle_indirect_altrivis_theta_mean 🖉 circle_direct_altrivis_theta_mean 🖗	
	Mean ra	dius over	all sample	ed points			circle_indirect_altrials_radius_mean 🖉 circle_direct_altrials_radius_mean 🖗	



32 Form "Cognitive Battery (Cognitive)"

General 2253						
Recent hand or wrist injuries:	© yes 1 © no 0		injuries 🗹 🖟			
Recent pain in hand or wrist:	© yes 1 © no 0		pain 🗹 🖟			
History of arthritis in hand or wrist:	© yes 1 [©] no 0		arthritis 🗹 🖟			
Musical expertise, expertise as a typist, extensive use of video games or extensive use of SMS (texting):	© yes 1 © no 0		expertise 🗹 💭			
Do you suffer from smell problems:	© yes 1 © no 0	smellproblems 🖄 🖟				
	Please specify:	specify:				
Do you suffer from taste problems:	© yes 1 [©] no 0		tasteproblems 🗹 🖟			
	Please specify:		tasteproblemsspec 🗹 💭			
History of smoking tobacco:	\bigcirc never smoked 1 \bigcirc ex-smoke	r 2 🛇 currently smokes 3	smoking 🗹 🖟			
	How many cigarettes per day:		numbercigarettes 🗹 🖟			
	How many cigars per day:		numbercigars 🗹 🖟			
	Other per day:		numberothers 🗹 🖟			
	Do you inhale:	© yes 1 © no 0	inhalation 🗹 🖟			
	When did you start:	(format "yyyy")	startsmoking 🗹 🖟			
	When did you stop:	(format "yyyy")	stopsmoking 🗹 🖟			
	Did your smell ability change after stopping:	© yes 1 [©] no 0	smellchanges 🗹 🖟			
		Please specify how:	smellchangesspec 🗹 🖟			

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Core Cognitive E	Battery 3789			
Symbol Digit Modalities Test (SDMT) completed:	○ yes 1 ○ no 0			digit 🗹 🖉
	Total number of correct responses:			sdmt_correct 🗹 🕼
Stroop Test - Word Reading Condition completed:	○ yes 1 ○ no 0			stroop 🗹 😡
	Number of words correct in 45 seconds:			swr_correct 🖄 🕼
Trail Making Test Part A completed:	O yes 1 O no 0			trais 🗹 😡
	Time to complete Trails A:	sec		traila_time 🖄 🕼
	Number of errors:			triala_error 🗹 🕼
Trail Making Test Part B completed:	○ yes 1 ○ no 0			traib 🗹 🕼
	Time to complete Trails B:	sec		trailb_time 🖄 🕼
	Number of errors:			trialb_error 🗹 🕼
Circle Tracing Task completed:	⊙ yes 1 ○ no 0			± 🗹 🕼
	RAW data:	(no file)		circle_raw 🕼
	Digital Fingerprint (MD5) of the RAW Data:			circle_md5 🚱
			t condition	
	Number of rotations completed	circle_indirect_alltrials_numrotations	circle_direct_alltrials_numrotations 🕼	
	Number of deviations beyond outer edge of annulus	circle_indirect_alltrials_outsideerror_num deviations 🕼	circle_direct_alltrials_outsideerror_numdeviations	
	Number of deviations inside inner edge of annulus	circle_indirect_alltrials_insideerror_numdeviations	circle_direct_alltrials_insideerror_numdeviations	
	Milliseconds within the annulus	m s circle_indirect_altrials_annulus_time	ms circle_direct_alltrials_annulus_time	
	Milliseconds beyond outer edge of annulus moving away from annulus	m s circle_indirect_alltrials_outsideerroraway_time	ms circle_direct_alltrials_outsideerroraway_time	
	Milliseconds beyond outer edge of annulus moving toward annulus	m s circle_indirect_alltrials_outsideerrortoward_time [ms circle_direct_alltrials_outsideerrortoward_time 🕼	
	Milliseconds inside inner edge of annulus moving away from annulus	m s circle_indirect_alltrials_insideerroraway_time	ms circle_direct_alltrials_insideerroraway_time	
	Milliseconds inside inner edge of annulus moving toward annulus	m s circle_indirect_alltrials_insideerrortoward_time []	ms circle_direct_alltrials_insideerrortoward_time 🕼	
	Centimeters of ink laid within the annulus	cm circle_indirect_alltrials_annulus_length 🕼	cm circle_direct_alltrials_annulus_length	
	Centimeters of ink laid outside outer edge of annulus moving away from annulus		cm circle_direct_alltrials_outsideerroraway_length	
	Centimeters of ink laid outside outer edge of annulus moving toward annulus	cm circle_indirect_alltrials_outsideerrortoward_length	cm circle_direct_alltrials_outsideerrortoward_length	
	Centimeters of ink laid inside inner edge of annulus moving away from annulus	cm circle_indirect_alltrials_insideerroraway_length	cm circle_direct_alltrials_insideerroraway_length	
	Centimeters of ink laid inside inner edge of annulus moving toward annulus	cm circle_indirect_altrials_insideerrortoward_length []	cm circle_direct_alltrials_insideerrortoward_length	
	Mean theta over all sampled points	circle_indirect_alltrials_theta_mean []	circle_direct_alltrials_theta_mean ()	
	Mean radius over all sampled points	circle_indirect_altrials_radius_mean 🕼	circle_direct_alltrials_radius_mean 🕼	



Emotion Recognition Task completed:	○ yes 1 ○ no 0						emo 🗹 🕼
	RAW data:		(no file)				emo_raw 🕼
	Digital Fingerprint (MD5) of the RAW Data:						erno_md5 🕼
	Negative Emotions - Total number correct:						emo_negative_numbercorrect ຝ
	Response Anger confusion	Disgust	Fear	Happiness	Neutral	Sadness	Surprise
	Number of emo_responses_anger_anger	emo_responses_anger_disgust 🕼	erno_responses_anger_fear 🕼	emo_responses_anger_happiness 💭	emo_responses_anger_neutral 💭	emo_responses_anger_sadness 💭	erno_responses_anger_surprise
	stims responded to as						
	Number of emo_responses_disgust_anger disgust stim s responded to as	emo_responses_disgust_disgust 🕼	emo_responses_disgust_fear 🕼	emo_responses_disgust_happiness 🕼	emo_responses_disgust_neutral 🕼	erno_responses_disgust_sadness 🕼	emo_responses_disgust_surprise 😡
	Number of emo_responses_fear_anger () fear stims responded to as	emo_responses_fear_disgust 🕼	erno_responses_fear_fear 🕼	emo_responses_fear_happiness 🕼	emo_responses_fear_neutral 🕼	emo_responses_fear_sadness 🕼	erno_responses_fear_surprise 🕼
		erno_responses_happiness_disgust (emo_responses_happiness_fear (<pre> emo_responses_happiness_happiness </pre>	<pre>emo_responses_happiness_neutral [</pre>	emo_responses_happiness_sadness (🕼 📩 emo_responses_happiness_surprise 🖗
	Number of emo_responses_neutral_anger neutral stim s responded to as	erno_responses_neutral_disgust 🕼	emo_responses_neutral_fear 😡	erno_responses_neutral_happiness 🕼	erno_responses_neutral_neutral 🖗	erno_responses_neutral_sadness 😡	emo_responses_neutral_surprise 😡
	Number of emo_responses_sadness_anger (sadness stims responded	emo_responses_sadness_disgust 🕼	erno_responses_sadness_fear 🕼	emo_responses_sadness_happiness 🕼	emo_responses_sadness_neutral	emo_responses_sadness_sadness 🕼	emo_responses_sadness_surprise 🕼
	to as Number of emo_responses_suprise_anger surprise stims responded to as	emo_responses_surprise_disgust 🥼	emo_responses_surprise_fear 🕼	emo_responses_surprise_happiness 🕼	emo_responses_surprise_neutral 🕼	emo_responses_surprise_sadness 🕼	emo_responses_surprise_surprise 🕼
Speeded Tapping Task completed:	○ yes 1 ○ no 0						st 🕑 🕼
	RAW data:		(no file)				stap_raw 🕼
	Digital Fingerprint (MD5) of the RAW Data:						stap_md5 💭
	Mean of intertap intervals (all trials):						stap_alltrials_intertapinterval_mean 🕼
	Standard Deviation of intertap intervals (all	trials):					stap_alkrials_intertapinterval_stddev 🕼
Speeded Tapping Task with Serial 2s completed:	○ yes 1 ○ no 0						st2 🗹 💋
	RAW data:		(no file)				stap2_raw 💭
	Digital Fingerprint (MD5) of the RAW Data	:					stap2_md5 💋
	100 No Tap	99 Tap	98 Tap		Tap 95 Tap		
		ial1_subtract 🗹 🕼 stap2_trial2_subt ial1_errors 🗹 🕼 stap2_trial2_erro				p2_trial6_subtract 🗹 🕼 p2_trial6_errors 🗹 🕼	
	Audio file:		(no file)				stap2_audio 🕼 🏷
	Mean of intertap intervals (all trials):						stap2_alltrials_intertapinterval_mean 💭
	Standard Deviation of intertap intervals (al	Itrials):					stap2_alltrials_intertapinterval_stddev 🕼

Self Paced Tapping Task completed:	○ yes 1 ○ no 0	V 🖄 😭
	RAW data: (no file)	ptap_raw 😡
	Digital Fingerprint (MDS) of the RAW Data:	ptap_mdS 💕
Smell Identification Test (UPSIT-20) completed:	○ yes 1 ○ no 0	upsit 🗹 💋
	Item # a b c d	
	04 0 1 0 2 0 3 0 4 upst4 🗹 🖉	
	08 0 1 0 2 0 3 0 4 upsk8 🗹 🕼	
	09 0 1 0 2 0 3 0 4 upsk9 🗹 🕼	
	10 1 0 2 0 3 0 4 upsk10 🗹 🖉	
	Item # a b c d	
	22 0 1 0 2 0 3 0 4 upsk22 🗹 🗗	
	24 0 1 0 2 0 3 0 4 upst24 🗹 🖉	
	25 0 1 0 2 0 3 0 4 upsk25 🗹 🗗	
	26 0 1 0 2 0 3 0 4 upsit26 ∰ 🖉	
	28 0 1 0 2 0 3 0 4 upst28 🗹 🖉	
	29 0 1 0 2 0 3 0 4 upit29 🗹 🖉	
	30 0 1 0 2 0 3 0 4 upst30 🗹 🖉	
	Total number of correct responses:	upskresponses 🗹 🕵
Spot the Change Task completed:	○ yes 1 ○ no 0	sto 🗹 💋
	RAW data: (no file)	spot_raw 🕼
	Digital Fingerprint (MD5) of the RAW Data:	spot_md5 💕
	Hit rate Correct rejection rate Number correct Total percent correct Set size 5 trials spot_setsize5_opredirejectrate Ø spot_setsize5_correctrejectrate Ø spot_setsize5_bercentcorrect Ø	
	Set size 7 trials	



33 Form "Cognitive Battery (Cognitive)"

General 2253			
Recent hand or wrist injuries:	© yes 1 © no 0		injuries 🗹 🖟
Recent pain in hand or wrist:	© yes 1 © no 0		pain 🖄 🖟
History of arthritis in hand or wrist:	© yes 1 [©] no 0		arthritis 🗹 🖟
Musical expertise, expertise as a typist, extensive use of video games or extensive use of SMS (texting):	© yes 1 © no 0		expertise 🗹 💭
Do you suffer from smell problems:	© yes 1 © no 0	smellproblems 🗹 🖟	
	Please specify:		smellproblemsspec 🗹 🖉
Do you suffer from taste problems:	© yes 1 [©] no 0		tasteproblems 🗹 🖟
problems.	Please specify:		tasteproblemsspec 🗹 🕼
History of smoking tobacco:	\bigcirc never smoked 1 \bigcirc ex-smoke	er 2 🔿 currently smokes 3	smoking 🗹 🖟
	How many cigarettes per day	:	numbercigarettes 🗹 🖟
	How many cigars per day:		numbercigars 🗹 🖟
	Other per day:		numberothers 🗹 🖟
	Do you inhale:	© yes 1 © no 0	inhalation 🗹 🕼
	When did you start:	(format "yyyy")	startsmoking 🗹 🖟
	When did you stop:	(format "yyyy")	stopsmoking 🗹 🖟
	Did your smell ability change after stopping:	© yes 1 [©] no 0	smellchanges 🗹 🖟
		Please specify how:	smellchangesspec 🗹 🖟



Core Cognitive E	Battery 4596		
Symbol Digit Modalities Test (SDMT) completed:	○ yes 1 ○ no 0		digit 🗹 🖉
	Total number of correct responses:		sdmt_correct 🗹 🕼
Stroop Test - Word Reading Condition completed:	○ yes 1 ○ no 0		stroop 🗹 💋
	Number of words correct in 45 seconds:		swr_correct 🗹 🕼
Trail Making Test Part A completed:	○ yes 1 ○ no 0		traila 🗹 🕼
	Time to complete Trails A:	sec	traila_time 🗹 🕼
	Number of errors:		triala_error 🗹 🕼
Trail Making Test Part B completed:	○ yes 1 ○ no 0		traib 🖄 😡
	Time to complete Trails B:	sec	trailb_time 🗹 🕼
	Number of errors:		trialb_error 🖄 🕼
Map Search Test completed:	⊙ yes 1 ○ no 0		msearch 🗹 🕼
	Total number correctly found in 1 min:		msearch_totalcorrect_1 minute 🗹 🕼
	Total number correctly found in 2 min:		msearch_totalcorrect_2minutes 🗹 🕼
	Total number of incorrectly identified symbols in 2 min:		msearch_totalincorrect_2minutes 🗹 🕼
Circle Tracing Task completed:	○ yes 1 ○ no 0		α 🗹 🖉
	RAW data:	(no file)	circle_raw 🕼
	Digital Fingerprint (MD5) of the RAW Data:		cirde_md5 🕼
	Number of rotations completed	Indirect condition Direct condition	
	Number of deviations beyond outer edge of annulus	circle_indirect_alltrials_outsideerror_numdeviations 🕼 circle_direct_alltrials_outsideerror_numdeviations	
	Number of deviations inside inner edge of annulus	circle_indirect_alltrials_insideerror_numdeviations 🖉 circle_direct_alltrials_insideerror_numdeviations 🕼	
	Milliseconds within the annulus	ms circle_indirect_altrials_annulus_time 🕼 ms circle_direct_altrials_annulus_time 🕼	
	Milliseconds beyond outer edge of annulus moving away from annulus	ms circle_indirect_altrials_outsideerroraway_time 🖉 ms circle_direct_altrials_outsideerroraway_time 🕼	
	Milliseconds beyond outer edge of annulus moving toward annulus	ms circle_indirect_altrials_outsideerrortoward_time 🖉 🛛 ms circle_direct_altrials_outsideerrortoward_time 🕼	
	Milliseconds inside inner edge of annulus moving away from annulus	ms circle_indirect_altrials_insideerroraway_time 🖉 ms circle_direct_altrials_insideerroraway_time 🕼	
	Milliseconds inside inner edge of annulus moving toward annulus	ms circle_indirect_alltrials_insideerrortoward_time 🖉 ms circle_direct_alltrials_insideerrortoward_time 🕼	
	Centimeters of ink laid within the annulus	cm circle_indirect_altrials_annulus_length 🕼 cm circle_direct_altrials_annulus_length 🕼	
	Centimeters of ink laid outside outer edge of annulus moving away from annulu		
	Centimeters of ink laid outside outer edge of annulus moving toward annulus	cm circle_indirect_alltrials_outsideerrortoward_length 🖉 cm circle_direct_alltrials_outsideerrortoward_length 🕼	
	Centimeters of ink laid inside inner edge of annulus moving away from annulus		
	Centimeters of ink laid inside inner edge of annulus moving toward annulus	cm arde_indirect_altrials_insideerrortoward_length 🖉 cm arde_direct_altrials_insideerrortoward_length 🕼	
	Mean theta over all sampled points	irde_indrect_altrias_theta_mean [] irde_indrect_altrias_theta_mean []	
	Mean radius over all sampled points	airde_indirect_alltrials_radius_mean 🖉 airde_direct_alltrials_radius_mean 🕼	



Emotion Recognition Task completed:	○ yes 1 ○ no 0						erno 🗹 🖉
	RAW data: Digital Fingerprint (MD5) of the RAW Data:		(no file)				emo_raw 💋 emo_md5 💭 emo_negative_numbercorrect 🕼
	Negative Emotions - Total number correct: Response Anger confusion matrix	Disgust	Fear	Happiness	Neutral	Sadness	Surprise
	Number of emo_responses_anger_anger anger stims responded to as	erno_responses_anger_disgust 🖗	emo_responses_anger_fear 🕼	erno_responses_anger_happiness 🕼	emo_responses_anger_neutral 🕼	erno_responses_anger_sadness 🕼	emo_responses_anger_surprise 🕼
	Number of emo_responses_disgust_anger disgust stims responded to as	emo_responses_disgust_disgust 🕼	erno_responses_disgust_fear 🕼	emo_responses_disgust_happiness 🕼	emo_responses_disgust_neutral 😡	erno_responses_disgust_sadness 🖗	emo_responses_disgust_surprise 💭
	Number of emo_responses_fear_anger () fear stims responded to as	emo_responses_fear_disgust 🕼	erno_responses_fear_fear 🕼	emo_responses_fear_happiness 🕼	emo_responses_fear_neutral 🕼	emo_responses_fear_sadness 🕼	emo_responses_fear_surprise 🕼
		emo_responses_happiness_disgust	🕼 emo_responses_happiness_fear	u emo_responses_happiness_happiness	Comparison and the second seco	erno_responses_happiness_sadness (🛛 🧰 emo_responses_happiness_surprise 🕼
	Number of emo_responses_neutral_anger [] neutral stims responded to as	emo_responses_neutral_disgust 🥵	erno_responses_neutral_fear 🕼	erno_responses_neutral_happiness 🕼	emo_responses_neutral_neutral 🕼	erno_responses_neutral_sadness 🖗	emo_responses_neutral_surprise 😡
	Number of emo_responses_sadness_anger () sadness stims responded to as	emo_responses_sadness_disgust 🕻	erno_responses_sadness_fear 🕻	emo_responses_sadness_happiness 🕼) emo_responses_sadness_neutral 🕼	emo_responses_sadness_sadness 🕼	emo_responses_sadness_surprise 🕼
	Number ofemo_responses_surprise_anger { surprise stims responded to as	emo_responses_surprise_disgust 🕻	erno_responses_surprise_fear 🕻) emo_responses_surprise_happiness 🕼	emo_responses_surprise_neutral 🕼	emo_responses_surprise_sadness 🕼	emo_responses_surprise_surprise 🕼
Colour-Shape Task completed:	○ yes 1 ○ no 0						cosh 🗹 🕼
	RAW data:		(no fi	le)			cosh_raw 🕼
	Digital Fingerprint (MD5) of the RAW Data	: Trials expected	Trials administer	ed Incorrect res	ponses		cosh_md5 💋
	Number of	cosh_i Switch trials	numtrialsexpected 🕼 📃 Non -switch tr	cosh_all_num administere d 🕼	cosh_all_numincorrect 🕼		
	Trials responded to correctly, when previou correct		etswi_wpc_percentcor 🖗 %	cosh_letnos_wpc_percentcor 🥵			
	Mean response time for correct, letter cueo ISI, when previous trial also correct	d, at 200 cosh_i	corletswi200_wpc_rt 🕼	cosh_corletnos200_wpc_rt 🕼			
	Mean response time for correct, switch tria non-switch trials, when previous trial also	correct	corwor200_wpc_switchcost 🕼	cosh_corlet200_wpc_switchcost	Word at 1200 ISI cosh_corwor1200_w;	Letter at 1200 ISI	corlet1200_wpc_switchcost 🕼
	Mean response time for correct, incongrue minus congruent, when previous trial also		1200 ISI	cosh_cor1200_wpc_interference 🕼			



Mental Rotation Task completed:	○ yes 1 ○ no 0					mrot 🗹 🕒		
	RAW data:		(no file)			mrot_raw 🕼		
	Digital Fingerprint (MD5) of the RAV	/ Data:						
			Is responded to correctly					
	Number of	mrot_all_numadministered 🕼	% mrot_al_percentco r 🕼					
		1 2 and	5 3 and 5	4				
	Trials responded correctly for orientation	% mrot_ang1_percent.cor 🕼	6 mrot_ang2_percentcor 🖉 %	mrot_ang3_percentcor 🕼 🥱	mrot_ang4_percent.cor 🕼			
	Mean response times for correctly responded to 'same' trials at orientation	mrot_corang1same_meanrt 🖉	mrot_corang2same_meanrt 🕼	mrot_corang3same_meanrt 🕼	mrot_corang4same_meanrt 💭			
		mean response times sp	eed of rotation					
	For all correctly responded to 'same' trials		mrot_corsame_rotationspeed 💭					
		m	s/degree			2.2		
Self Paced Tapping Task completed:	○ yes 1 ○ no 0					pt 🗹 🖉		
	RAW data:		(no file)			ptap_raw 🕼		
	Digital Fingerprint (MD5) of the RAV	V D ata:				ptap_md5 💋		

	3Hz Pac 1.82Hz I			ps	ptap_ ptap_ ptap_	3hz_alltrials_self_i 182hz_alltrials_toi	tervals <u>Avera</u> itertapinterval_stddev itertapinterval_stddev _intertapinterval_stddev itertapinterval_stddev	ptap_3hz ptap_3hz ptap_182	ation from target intervals z_aliniais_tone_intertapinterval_avgsignedde z_aliniais_self_intertapinterval_avgsigneddev 2hz_aliniais_tone_intertapinterval_avgsigned 2hz_aliniais_self_intertapinterval_avgsigned	v 🕼 ddev 🕼		
Spot the Change Task completed:	⊙ yes 1 O											stc 🗹 🕼
	RAW da Digital F Set size Set size	Fingerprin Hi 5 trials	it rate spot	f the RAW _setsize5_hit _setsize7_hit	Co crate 🕼		e5_correctrejectrate 🕼					spot_raw 🕼 spot_rnd5 💋
Smell Identification Test (UPSIT-20) completed:	⊙ yes 1 ○	no 0										upsit 🗹 🕼
	Item #	а	ь	с	d							
	01	° 1	Ο 2	0 3	0 4	upsit1 🗹 🕼						
	02	0 1	0 2	0 3		upsit2 🗹 🕼						
	03	• 1	O 2	03		upsit3 🗹 🕼						
	04	0 1	O z	0 3		upsit1 🗹 🕼						
	05	0 1	0 2	0 3	• 4	upsit5 🗹 🕼						
	06	0 1	0 2	0 3		upsit6 🗹 🕼						
	07	0 1	0 2	0 3	0 4	upsit7 🗹 🕼						
	08	0 1	0 2	0 3		upsit8 🗹 🕼						
	09	0 1	0 2	0 3	0 4	upsit9 🗹 🕼 upsit10 🗹 🕼						
	10 Item #	0 1 a	0 2 h	0 3 C	Q 4	ubsiciio 🖂 🕅						
	21	0 1	0 2	03		upsit21 🗹 🕼						
	22	0 1	0 2	0 3		upsit22 🗹 🕼						
	23	0 1	0 2	0 3		upsit23 🗹 🕼						
	24	0 1	0 2	0 3		upsit24 🗹 🕼						
	25	0 1	0 2	0 3	0 4	upsit25 🗹 🕼						
	26	0 1	0 2	0 3	0 4	upsit26 🗹 🕼						
	27	0 1	0 2	03	0 4	upsit27 🗹 🕼						
	28	0 1	0 2	0 3	0 4	upsit28 🗹 🕼						
	29	o 1	O 2	0 3	O 4	upsit29 🗹 🕼						
	30	0 1	0 2	0 3	0 4	upsit30 🗹 🕼						
	Total nu	umber of c	correct res	ponses:								upsitresponses 🗹 💭



34 Form "Cognitive Battery (Cognitive)"

General 6363		
Recent hand or wrist injuries:	© yes 1 [©] no 0	injuries 🗹 🖟
Recent pain in hand or wrist:	© yes 1 [©] no 0	pain 🗹 🕼
History of arthritis in hand or wrist:	© yes 1 [©] no 0	arthritis 🗹 🕼
Musical expertise, expertise as a typist, extensive use of video games or extensive use of SMS (texting):	© yes 1 [©] no 0	expertise 🗹 🖟



Core Cognitive E	Nattery 5253	
Stroop Test - Word Reading Condition completed:	© yes 1 [©] no 0	stroop 🗹 😡
	Number of words correct in 45 seconds:	swr_correct 🗹 ຝ
Map Search Test completed:	O yes 1 O no 0	msearch 🗹 🕼
	Total number correctly found in 1 min:	msearch_totalcorrect_1minute 🗹 🕼
	Total number correctly found in 2 min:	msearch_totalcorrect_2minutes 🗹 🕼
	Total number of incorrectly identified symbols in 2 min:	msearch_totalincorrect_2minutes 🗹 🕼
Colour-Shape Task completed:	0 yes 1 0 no 0	cosh 🗹 💋
	RAW data: (no file)	cosh_raw 🖉
	Digital Fingerprint (MDS) of the RAW Data:	cosh_md5 😡
	Trials expected Trials administered Incorrect responses Number of cosh_al_numidisexpected cosh_al_numinomed cosh_al_numinomed	
	Switch trials Non-switch trials Trials responded to correctly, when previous trial also 6 cosh_letswi_wpc_percentcor 6 6 cosh_letnos_wpc_percentcor 7 6 cosh_letnos_wpc_percentcor 7	
	Switch trials Non-switch trials Mean response time for correct, letter cued, at 200 cosh_cordetswi200_wpc_tt cosh_cordetnos200_wpc_tt ISI, when previous trial also correct Word at 200 ISI Letter at 200 ISI Word at 1200 ISI Letter at 12	JO 151
	Mean response time for correct, switch trials minus cosh_corwor200_wpc_switchcost 🖉 cosh_corket200_wpc_switchcost 🖗 cosh_corwor1200_wpc_switchcost 🖗	cosh_corlet1200_wpc_switchcost 🥥
	200 ISI 1200 ISI Mean response time for correct, incongruent trials cosh_cor200_wpc_inteference minus congruent, when previous trial also correct cosh_cor200_wpc_inteference	
Mental Rotation Task completed:	○ yes 1 ○ no 0	mrot 🗹 🕼
losk completed.	RAW data: (no file)	mrot_raw 💋
	Digital Fingerprint (MD5) of the RAW Data:	mrot_md5 🖉
	Trials administered Trials responded to correctly	
	Number of mrot_al_puredministered 🖉 % mrot_al_percentor 🖗	
	1 2 and 6 3 and 5 4 Trials responded correctly for orientation % mrot_ang1_percentor Ø % mrot_ang2_percentor Ø	
	Mean response times for correctly mrot_corang1same_meant 🖉 mrot_corang2same_meant 🖉 mrot_corang3same_meant 🖗 mrot_corang3same_meant 🖗 mrot_corang4same_meant 🖗	
	mean response times speed of rotation	
	For all correctly responded to 'same' mrot_corsame_meant g mrot_corsame_rotationspeed g trials	
	orientation Mean response times for correctly responded to 'same' trials at orientation mean response times speed of rotation For all correctly responded to 'same' mrot_corsame_meant g mrot_corsame_meant g mrot_corsame_rotationspeed g	

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Emotion Recognition Task completed:	○ yes 1 ○ no 0					erno 🗹 🕼
	RAW data:	(no file)				emo_raw 🕼
	Digital Fingerprint (MD 5) of the RAW Data:					emo_md5 🕼
	Negative Emotions - Total number correct:					emo_negative_numbercorrect 🕼
	Response Anger Disgust	Fear	Happiness	Neutral	Sadness	Surprise
	confusion matrix					
	Number ofemo_responses_anger_anger @emo_responses_anger_disgust @ anger stims responded to as	erno_responses_anger_fear 🕼	emo_responses_anger_happiness 🕼	emo_responses_anger_neutral 🕼	emo_responses_anger_sadness 🕼	emo_responses_anger_surprise 😡
	Number ofemo_responses_disgust_anger	erno_responses_disgust_fear 💋	emo_responses_disgust_happiness 🥼	erno_responses_disgust_neutral 💋	emo_responses_disgust_sadness 💋	emo_responses_disgust_surprise 💋
	Number ofemo_responses_fear_anger ()emo_responses_fear_disgust () fear stims responded to as	emo_responses_fear_fear 💭	emo_responses_fear_happiness 🕼	emo_responses_fear_neutral 💭	emo_responses_fear_sadness 🖉	emo_responses_fear_surprise 🕼
	Number ofemo_responses_happiness_anger //emo_responses_happiness_dsgust happiness stims responded to as	🖗 🚃 erno_responses_happiness_fear (emo_responses_happiness_happiness	<pre>emo_responses_happiness_neutral </pre>	emo_responses_happiness_sadness 🕼	emo_responses_happiness_surprise 🕼
	We so the second	erno_responses_neutral_fear 💋	emo_responses_neutral_happiness 💋	emo_responses_neutral_neutral 💋	emo_responses_neutral_sadness 💋	emo_responses_neutral_surprise 💋
	Number ofemo_responses_sadness_anger 🖉emo_responses_sadness_disgust 🅼 sadness stims responded) emo_responses_sadness_fear 🕼	emo_responses_sadness_happiness 🥵	emo_responses_sadness_neutral 🥵	emo_responses_sadness_sadness 🖗	emo_responses_sadness_surprise 💋
	to as Number ofemo_responses_suprise_anger Demo_responses_suprise_disgust f surprise stims responded to as	erno_responses_surprise_fear ()	emo_responses_surprise_happiness 🕼	erno_responses_surprise_neutral 😡	emo_responses_surprise_sadness 🖗	emo_responses_surprise_surprise 🕼
Circle Tracing	○ yes 1 ○ no 0					at 🗹 🕼
Task completed:						
	RAW data:	(no fil	3)			circle_raw 🕼 circle_md5 🕼
	Digital Fingerprint (MDS) of the RAW Data:	Indirect condition	Direct conditio	2		0.00_000
	Number of rotations completed	circle_indirect_altrials_n		rde_direct_altrials_numrotations 🕼	_	
	Number of deviations beyond outer edge of annulus	circle_indirect_altrials_o	utsideemor_numdeviations 🕼 📃 🧰	rde_direct_altrials_outsideerror_numdeviations (p	
	Number of deviations inside inner edge of annulus	circle_indirect_alltrials_in	sideerror_num deviations 🖉 🦷 ci	rde_direct_altrials_insideerror_numdeviations 🕼		
	- Milliseconds within the annulus	ms circle_indirect_altrials_a	nnulus_time 🕼 👘 ms d	rde_direct_altrials_annulus_time 🕼		
	Milliseconds beyond outer edge of annulus moving away from annulus	ms circle_indirect_altrials_o	utsideemoraway_time 🕼 🛛 👘 m s di	rcle_direct_alltrials_outsideerroraway_time 🕼		
	Milliseconds beyond outer edge of annulus moving toward annulus	ms circle_indirect_altrials_o	utsideemortoward_time 🕼 🛛 ms ci	rcle_direct_alltrials_outsideerrortoward_time 🕼		
	Milliseconds inside inner edge of annulus moving away from annulus	ms circle_indirect_altrials_in	sideerroraway_time 🖉 👘 s di	rcle_direct_alltrials_insideerroraway_time 🕼		
	Milliseconds inside inner edge of annulus moving toward annulus	ms circle_indirect_altrials_in	sideemontoward_time 🕼 🛛 mis ci	rcle_direct_alltrials_insideerrortoward_time 💭		
	Centimeters of ink laid within the annulus	cm circle_indirect_alltrials_a	nnulus_length 🕼 👘 cm ci	rcle_direct_altrials_annulus_length 🕼		
	Centimeters of ink laid outside outer edge of annulus moving away from annu	us cm circle_indirect_alltrials_o	utsideemoraway_length 🕼 🛛 🛛 cm d	rcle_direct_altrials_outsideerroraway_length 🕼		
	Centimeters of ink laid outside outer edge of annulus moving toward annulus	cm_circle_indirect_alltrials_or	utsideemortoward_length 🖉 📃 cm ci	rcle_direct_altrials_outsideerrortoward_length 🕼		
	Centimeters of ink laid inside inner edge of annulus moving away from annulu	s cm circle_indirect_alltrials_in	sideerroraway_length 🕼 👘 cm ci	rde_direct_altrials_insideerroraway_length 🕼		
	Centimeters of ink laid inside inner edge of annulus moving toward annulus	cm_circle_indirect_altrials_in	sideerrortoward_length 🕼 👘 cm ci	rcle_direct_altrials_insideerrortoward_length 🖉		
	Mean theta over all sampled points	circle_indirect_alltrials_th	eta_mean 🕼	rcle_direct_altrials_theta_mean 🕼		
	Mean radius over all sampled points	circle_indirect_altrials_ra	dius_mean 🕼 🦷 di	rcle_direct_alltrials_radius_mean 🕼		

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Symbol Digit Modalities Test (SDMT) completed:	○ yes 1 ○ no 0	digit 🗹 😡
	Total number of correct responses:	sdmt_correct 🗹 🕼
Self Paced Tapping Task completed:	○ yes 1 ○ no 0	pt 🗹 😡
	RAW data: (no file)	ptap_raw 🕼
	Digital Fingerprint (MDS) of the RAW Data:	ptap_md5 💋
	Standard deviation of intertap intervals Average signed deviation from target intervals	
	3Hz Pace, Tone paced taps 🛛 🖉 Pap_3hz_altrials_tone_intertapinterval_stidder 🖉 👘 ptap_3hz_altrials_tone_intertapinterval_avgsigneddev 💋	
	3Hz Pace, Self paced taps ptop_3hz_altriak_self_intertopinterval_stddev 🖉 ptop_3hz_altriak_self_intertopinterval_avgsigneddev 🖉	
	1.82Hz Pace, Tone paced taps pt.pp_182hz_albrias_tone_interval_stddev 🖉 pt.pp_182hz_albrias_tone_interval_stddev 🕼	
	1.82Hz Pace, Self paced taps pt.ap_182hz_albriak_seK_intertspirterval_stdder 🖉 ptap_182hz_albriak_seK_intertspirterval_stdder 🖉	
Spot the Change Task completed:	○ yes 1 ○ no 0	sto 🗹 😡
	RAW data: (no file)	spot_raw 🕼
	Digital Fingerprint (MDS) of the RAW Data:	spot_mdS 💋
	Hit rate Correct rejection rate Number correct Total percent correct	
	Set size 5 trials spot_setsize5_hkrate 🖉 spot_setsize5_connectrejectrate 🖗 spot_setsize5_k 🖉 % spot_setsize5_percenteconnect 🖗	
	Set size 7 trialsspot_setsize7_htrate 🖉spot_setsize7_correctrejectrate 🖗spot_setsize7_k 🖉9, spot_setsize7_percentecorrect 🖗	



35 Form "Huntington's Disease Rating Scale '99 -Functional Assessment (Function)"

Huntington's Disease Rating Scale '99 - Functional Assessment

General 193			
Functional 0 Assessment Score:			functionscore 🗹 🕼
Independence scale in %:			iscalepassive
Functional Assessment 197			
	yes	no	
Could subject engage in gainful employment in his/her accustomed work	0	0	employmentaccu 🗹 🖟
Could subject engage in any kind of gainful employment?	0	0	employment 🗹 🖟
Could subject engage in any kind of volunteer or non gainful work?	0	0	volunteer 🗹 🕼
Could subject manage his/her finances (monthly) without any help?		0	finances 🗹 🕼
Could subject shop for groceries without help?	0	0	groceries 🗹 🗗
Could subject handle money as a Operating an automobile safely and without others feeling afraid to drive judgment. If the person has never a production that applicable	e with t	he subj	ect and showing good
Could subject supervise children (indicating 'Not applicable'.	1	0	
Could subject operate an automobile safely and independently?	0	0	automobile 🗹 🗗
Could subject do his/her own housework without help?	0	0	houeswork 🗹 🗗
Could subject do his/her own laundry (wash/dry) without help?	0	0	laundry 🗹 🕼
Could subject prepare his/her own meals without help?	0	0	prepmeals 🗹 🕼
Could subject use the telephone without help?	0	0	telephone 🗹 🗗
Could subject take his/her own medications without help?	0	0	medications 🗹 🕼
Could subject feed himself/herself without help?	0	0	feed 🗹 🕼
Could subject dress himself/herself without help?	0	0	dress 🗹 🖟
Could subject bathe himself/herself without help?	0	0	bathe 🗹 🕼
Could subject use public transport to get to places without help?	0	0	transportation 🗹 🕼
Could subject walk to places in his/her neighbourhood without help?	0	0	walkneighbor 🗹 🕼

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Could subject walk without falling?			0	0	walkfalling 🗹 🗗
Could subject walk without help?			0	0	walkhelp 🗹 🕼
Could subject comb h	air without help?		0	0	combhair 🗹 🕼
Could subject transfe	r between chairs witho	ut help?	0	0	chairs 🗹 🗗
Could subject get in a	and out of bed without	help?	0	0	bed 🗹 🗗
Could subject use toi	let/commode without h	nelp?	0	0	toilet 🗹 🗗
Could subject's care still be provided at home?			0	0	carehome 🗹 🗗
Information sources:					
	Was the functional assessment information obtained from:	 1 = subject o 2 = subject as family/compared 	nd		funcassfrom 🗹 🗗

 Subject's 100 = no special care needed 100 95 95 90 = no physical care needed if difficult tasks are avoided 90 85 85 80 = pre-disease level of employment changes or ends; cannot perform household chores to pre-disease level, may need help with finances 80 75 75 70 = self-care maintained for bathing, limited household duties, e.g. cooking and use of knives, driving terminates; unable to manage finances 70 65 65 60 = needs minor assistance in dressing, toileting, bathing; food must be cut for subject 60 55 55 50 = 24-hour supervision appropriate; assistance required for bathing, eating, toileting 50 45 45 40 = chronic care facility needed; limited self feeding, liquified diet 40 35 35 30 = subject provides minimal assistance in own feeding, bathing, toileting 30 25 25 20 = no speech, must be fed 20 15 15 10 = tube fed, total bed care 10 5 5

TRACKHD-IDS-2015-10-R1 TRACK-HD Annotated eCRF

36 Form "Huntington's Disease Rating Scale '99 -Functional Capacity (TFC)"

Huntington's Disease Rating Scale '99 - Functional Capacity

General 230				
Functional sco	re:		functionalscore 🗹 🕼	
Functional Ca	pacity 233			
Occupation:	 0 = unable 0 1 = marginal work only 1 2 = reduced capacity for usual 3 = normal 3 	job 2	fcoccupation 🗹 🕻	
Finances:	○ 0 = unable 0 ○ 1 = major assis	stance 1 \circ 2 = slight assistance 2 \circ 3 = norma	al 3 fcfinances 🗹 🕼	
Domestic chores:	\circ 0 = unable \circ \circ 1 = impaired 1	O 2 = normal 2	fcdomestic 🗹 🖞	
ADL:	 0 = total care 0 1 = gross tasks only 1 2 = minimal impairment 2 3 = normal 3 		fcadl 🗹 🕼	
Care level:	0 = full time skilled nursing 0	\circ 1 = home or chronic care 1 \circ 2 = home 2	fccarelevel 🗹 🕼	
Information Sources:				
	Was the information obtained from:	 1 = participant only 1 2 = participant and family/companion 2 	fcinfosource 🗹 🕼	



37 Form "MRI 3T (MRI 3T)"

MRI 3T

Technologist's co	omment 1710		
Technologist's name:			tname 🗹 🗗
Quality check:	○ good 1 ○ poor 2		tqc 🗹 🕼
Comment:			tcomment 🗹 🗗
Technologist has Guide:	confirmed that the i	mages have been acquired and quality checked according to	o the Site Operations
	○ yes 1 ○ no 0		tconfirm 🗹 🕼
Image scans 3T	1783		
Do not upload s	cans until both the t	echnologist and radiologist have completed their sections.	
MRI Queries: no	ne		
Radiologist's cor	nment 1711		
Radiologist's comment:	○ yes 1 ○ no 0		rcommentyn 🗹 🗗
	Radiologist's name:		rname 🗹 🕼
	Date of read:		dtcread 🗹 🕼
	Comment:		rcomment 🗹 🕼
	Radiologist has confirmed that:	\odot the images are suitable for the TRACK-HD study 1 \odot the images are not suitable for the TRACK-HD study 2	rconfirm 🗹 🖟
Quality Control S	Summary 1641		
Quality control result:	○ pass 1 ○	fail 2	resultsum 🗹 🗗
Full report uploa	d: (no file)		fullreport 🗹 🕼
Quality control comment:			qccomment 🗹 🕼



38 Form "MRI 1,5T (MRI 1,5T)"

MRI 1.5T

Technologist's co	omment 1710		
Technologist's name:			tname 🗹 🗗
Quality check:	◯ good 1 ◯ poor 2		tqc 🗹 🕼
Comment:			tcomment 🗹 🗗
Technologist has Guide:	confirmed that the	images have been acquired and quality checked according to	the Site Operations
	○ yes 1 ○ no 0		tconfirm 🗹 🗗
Image scans 1.5	T 1620		
Do not upload s	cans until both the	technologist and radiologist have completed their sections.	
MRI Queries: no	ne		
Radiologist's cor	nment 3775		
Radiologist's comment:	○ yes 1 ○ no 0 ○	same as for 3T 2	rcommentyn 🗹 🕼
	Radiologist's name:		rname 🗹 🕼
	Date of read:		dtcread 🗹 🕼
	Comment:		rcomment 🗹 🕼
	Radiologist has confirmed that:	\odot the images are suitable for the TRACK-HD study 1 \odot the images are not suitable for the TRACK-HD study 2	rconfirm 🗹 🕼
Quality Control S	Summary 3220		
Quality control result:	o pass 1 o	fail 2	resultsum 🗹 🗗
Full report uploa	d: (no file)		fullreport 🗹 🕼
Quality control comment:			qccomment 🗹 🖟



39 Form "MRI DTI QC (MRI DTI QC)"

MRI DTI QC

Image scans 3T 5044				
Quality Control	Summary 5045			
Quality control result:	○ pass 1 ○ fail 2 ○ borderline 3	resultsum 🗹 🕼		
Full report upload:	(no file)	fullreport 🗹 🕼		
Quality control comment:		qccomment 🗹 🕼		

40 Form "Hospital Anxiety and Depression Scale -Snaith Irritability Scale (HADS-SIS)"

Hospital Anxiety and Depression Scale - Snaith Irritability Scale

Clinicians are aware that emotions play an important part in most illnesses. If your clinician knows about these feelings he or she will be able to help you more.

This questionnaire is designed to help your clinician to know how you feel. Read each item below and mark the response which comes closest to how you have been feeling in the past week.

Don't take too long over your replies, your immediate reaction to each item will probably be more accurate than a long, thought-out response.

General 106		
Participant View:	Start Participant-Based Data Entry	pview
Anxiety subscore:		anxscore 🗹 🕼
Depression subscore:		depscore 🗹 🕼
Irritability subscore:		irrscore 🗹 🗗
Outward irritability subscore:		outwardirrscore 🗹 🖟
Inward irritability subscore:		inwardirrscore 🗹 🕼
HADS - SIS 90		
I feel tense or 'wound up':	 most of the time 3 a lot of the time 2 from time to time, occasionally 1 not at all 0 	tense 🗹 🕼
I still enjoy the things I used to enjoy:	 definitely as much 0 not quite so much 1 only a little 2 hardly at all 3 	enjoy 🗹 🕼
I get a sort of frightened feeling as if something awful is about to happen:	 very definitely and quite badly 3 yes, but not too badly 2 a little, but it doesn't worry me 1 not at all 0 	frighten 🗹 🖟
I lose my temper and shout or snap at others:	 yes, definitely 3 yes, sometimes 2 no, not much 1 no, not at all 0 	temper 🗹 🕼
I can laugh and see the funny side of things:	 as much as I always could o not quite so much now 1 definitely not so much now 2 not at all 3 	laugh 🗹 🕼

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I am patient with other people:	 all of the time o most of the time 1 some of the time 2 hardly ever 3 	patient 🗹 🕼
I feel cheerful:	 never 3 not often 2 sometimes 1 most of the time 0 	cheerful 🗹 🕼
I get angry with myself and call myself names:	 yes, definitely 3 sometimes 2 not often 1 no, not at all 0 	angry 🗹 🕼
I can sit at ease and feel relaxed:	 definitely 0 usually 1 not often 2 not at all 3 	sit 🗹 🕼
I feel as if I am slowed down:	 nearly all the time 3 very often 2 sometimes 1 not at all 0 	slowdown 🗹 🕼
I feel like harming myself:	 yes, definitely 3 yes, sometimes 2 no, not much 1 no, not at all 0 	harming 🗹 🕼
Worrying thoughts go through my mind:	 a great deal of the time 3 a lot of the time 2 not too often 1 very little 0 	worry 🗹 🕼
I have lost interest in my appearance:	 definitely 3 I don't take as much care as I should 2 I may not take quite as much care 1 I take just as much care as ever 0 	appear 🗹 🕼
The thought of hurting myself occurs to me:	 sometimes 3 not very often 2 hardly ever 1 not at all 0 	hurting 🗹 🕼
I feel restless as if I have to be on the move:	 very much indeed 3 quite a lot 2 not very much 1 not at all 0 	restless 🗹 🕼
I look forward with enjoyment to things:	 as much as I ever did 0 rather less than I used to 1 definitely less than I used to 2 hardly at all 3 	forward 🗹 🕼

I feel I might lose	o sometimes 3	control 🗹 🗗
control and hit or hurt someone:	 occasionally 2 rarely 1 	
	o never o	
I get a sort of frightened feeling	 not at all 0 occasionally 1 	butterflies 🗹 🕼
like 'butterflies' in the stomach:	o quite often 2	
	o very often 3	
People upset me so that I feel like	o yes, often 3	people 🗹 🗓
slamming doors	 yes, sometimes 2 only occasionally 1 	
or banging about:	o not at all o	
I get sudden	• very often indeed 3	panic 🗹 🖟
feelings of panic:	 quite often 2 not very often 1 	
	o not at all o	
I can enjoy a	o often o	book 🗹 🕼
good book or radio or television	 sometimes 1 not often 2 	
programme:	o very seldom 3	
Lately I have	o very much so 3	annoyed 🗹 🗓
been getting	o rather a lot 2	
annoyed with myself:	o not much 1	
,	○ not at all o	

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41 Form "Beck Depression Inventory II (BDI II)"

Beck Depression Inventory II

This questionnaire consists of 21 groups of statements. Please read each group of statements carefully, and then pick out the **one statement** in each group that best describes the way you have been feeling during the **past two weeks**, **including today**. Click in the circle beside the statement you have picked. If several statements in the group seem to apply equally well, circle the highest number for that group. Be sure that you do not choose more than one statement for any group, including Item 16 (Changes in Sleeping Pattern) or Item 18 (Changes in Appetite).

General 588		
Participant View:	Start Participant-Based Data Entry	pview
Beck Depression Score:	0	bditotal 🗹 🖞
Beck Depression I	nventory II (BDI-II) 591	
1. Sadness:	 0 = I do not feel sad 0 1 = I feel sad much of the time 1 2 = I am sad all the time 2 3 = I am sad or unhappy that I can't stand it 3 	asad 🖆 🕼
2. Pessimism:	 0 = I am not discouraged about my future 0 1 = I feel more discouraged about my future than I used to be 1 2 = I do not expect things to work out for me 2 3 = I feel my future is hopeless and will only get worse 3 	bdiscourage 🗹 🕼
3. Past Failure:	 0 = I do not feel like a failure 0 1 = I have failed more than I should have 1 2 = As I look back, I see a lot of failures 2 3 = I feel I am a total failure as a person 3 	cfailure 🗹 🕼
4. Loss of Pleasure:	 0 = I get as much pleasure as I ever did from the things I enjoy 0 1 = I don't enjoy things as much as I used to 1 2 = I get very little pleasure from the things I used to enjoy 2 3 = I can't get any pleasure from the things I used to enjoy 3 	dsatisfaction 🗹 🕼
5. Guilty Feelings:	 0 = I don't feel particularly guilty 0 1 = I feel guilty over many things I have done or should have done 1 2 = I feel quite guilty most of the time 2 3 = I feel guilty all of the time 3 	eguilty 🗹 🕼
6. Punishment Feelings:	 0 = I don't feel I am being punished 0 1 = I feel I may be punished 1 2 = I expect to be punished 2 3 = I feel I am being punished 3 	fpunished 🗹 🕼
7. Self-Dislike:	 0 = I feel the same about myself as ever 0 1 = I have lost confidence in myself 1 2 = I am disappointed in myself 2 	gdisappointed 🗹 🕼

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	\circ 3 = I dislike myself 3	
8. Self-Criticalness:	 0 = I don't criticize or blame myself more than usual 0 1 = I am more critical of myself than I used to be 	hblame 🗹 🖟
	1	
	 2 = I criticize myself for all of my faults 2 3 = I blame myself for everything bad that happens 3 	
9. Suicidal Thoughts or Wishes:	 0 = I don't have any thoughts of killing myself o 1 = I have thoughts of killing myself, but I would not carry them out 1 2 = I would like to kill myself 2 3 = I would kill myself if I had the chance 3 	ikill 🗹 🕼
10. Crying:	 0 = I don't cry anymore than I used to 0 1 = I cry more than I used to 1 2 = I cry over every little thing 2 3 = I feel like crying, but I can't 3 	jcry 🗹 🖟
11. Agitation:	\circ 0 = I am no more restless or wound up than	kagitation 🗹 🕼
	usual 0 1 = I feel more restless or wound up than usual 1 2 = I am so restless or agitated that it's hard to stay still 2	
	 3 = I am so restless or agitated that I have to keep moving or doing something 3 	
12. Loss of Interest:	 0 = I have not lost interest in other people or activities 0 1 = I am loss interested in other people or things 	linterest 🗹 🕼
	 1 = I am less interested in other people or things than before 1 2 = I have lost most of my interest in other 	
	people or things 2 \bigcirc 3 = It's hard to get interested in anything 3	
13. Indecisiveness:	\circ 0 = I make decisions about as well as ever \circ \circ 1 = I find it more difficult to make decisions than	mdesicions 🗹 🗗
	usual 1 O 2 = I have much greater difficulty in making decisions than I used to 2	
	\bigcirc 3 = I have trouble making any decisions 3	
14. Worthlessness:	 0 = I do not feel I am worthless 0 1 = I don't consider myself as worthwhile and useful as I used to 1 2 = I feel more worthless as compared to other people 2 	nworthlessness 🗹 🖟
	\circ 3 = I feel utterly worthless 3	
15. Loss of Energy:	 0 = I have as much energy as ever 0 1 = I have less energy than I used to have 1 2 = I don't have enough energy to do very much 2 	oenergy 🗹 🖟
	$\overline{3}$ = I don't have enough energy to do anything 3	

16. Changes in Sleeping Pattern:	 0 = I have not experienced any change in my sleeping pattern 0 1a = I sleep somewhat more than usual 1a 1b = I sleep somewhat less than usual 1b 2a = I sleep a lot more than usual 2a 2b = I sleep a lot less than usual 2b 3a = I sleep most of the day 3a 3b = I wake up 1-2 hours early and can't get back to sleep 3b 	psleep 🗹 🕼
17. Irritability:	 0 = I am no more irritable than usual 0 1 = I am more irritable than usual 1 2 = I am much more irritable than usual 2 3 = I am irritable all the time 3 	qirritability 🗹 🖟
18. Changes in Appetite:	 0 = I have not experienced any change in my appetite 0 1a = my appetite is somewhat less than usual 1a 1b = my appetite is somewhat greater than usual 1b 2a = my appetite is much less than before 2a 2b = my appetite is much greater than usual 2b 3a = I have no appetite at all 3a 3b = I crave food all the time 3b 	rappetite 🗹 🕼
19. Concentration Difficulty:	 0 = I can concentrate as well as ever 0 1 = I can't concentrate as well as usual 1 2 = It's hard to keep my mind on anything for very long 2 3 = I find I can't concentrate on anything 3 	sconcentration 🗹 🕼
20. Tiredness or Fatigue:	 0 = I am no more tired or fatigued than usual 0 1 = I get more tired or fatigued more easily than usual 1 2 = I am too tired or fatigued to do a lot of the things I used to do 2 3 = I am too tired or fatigued to do most of the things I used to do 3 	tfatigue 🗹 🕼
21. Loss of Interest in Sex:	 0 = I have not noticed any recent change in my interest in sex 0 1 = I am less interested in sex than I used to be 1 2 = I am much less interested in sex now 2 3 = I have lost interest in sex completely 3 	usex 🗹 🗗

42 Form "Problem Behaviours Assessment for HD - short version (PBA-s)"

Video assessment:	no video available		dummy_1982 🗹 🖞
Behavioural score:	0		basscore 🗹 🖞
Problem Behaviours	Assessment for HD 491		
Depressed mood:			
	Severity:	 0 = absent 0 1 = questionable 1 2 = low mood is present intermittently but does not interfere with everyday function; rate 2 if subject can easily enjoy amusing activities or visits from friends 2 3 = subject feels sad much of the time and takes no pleasure from things that he/she usually enjoys, but may still be able to cheer up sometimes with a big effort; rate 3 if low mood has definite effect on subject's lifestyle, e.g. unable to enjoy company of friends or amusing diversions 3 4 = subject feels sad and utterly miserable all day, takes no pleasure from things that he/she usually enjoys, does not cheer up anytime 4 	basdepr 🗹 💭
	Frequency:	 0 = never/almost never 0 1 = seldom (less than once/week) 1 2 = sometimes (up to four times a week) 2 3 = frequently (most days/5, 6 or 7 times a week) 3 4 = daily/almost daily for most (or all) of day 4 	basdeprfre 🗹 🕼
	Worst:	 0 = absent 0 1 = questionable 1 2 = low mood is present intermittently but does not interfere with everyday function; rate 2 if subject can easily enjoy amusing activities or visits from friends 2 3 = subject feels sad much of the time and takes no pleasure from things that he/she usually enjoys, but may still be able to cheer up sometimes with a big effort; rate 3 if low mood has definite effect on subject's lifestyle, e.g. unable to enjoy company of friends or amusing diversions 3 4 = subject feels sad and utterly miserable all day, takes no pleasure from things that he/she usually enjoys, does not cheer up anytime 4 	basdeprworst 🗹 🕼
Suicidal ideation:	Severity:	 0 = absent 0 1 = questionable; also rate 1 if subject plans suicide at a later date when disease is more severe but obtains comfort from this as means to retain control of destiny 1 2 = sometimes very pessimistic with fleeting suicidal ideation 2 	bassuic 🗹 🕼

Problem Behaviours Assessment for HD - short version

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		 3 = subject has pervasive and distressing feelings of hopelessness and more prolonged or frequent suicidal ideation, but has not yet acted on this in any way 3 4 = subject has attempted suicide or has made preparations such as saving up tablets or planning ways to avoid discovery when doing it 4 	
	Frequency:	 0 = never/almost never 0 1 = seldom (less than once/week) 1 2 = sometimes (up to 4 times a week) 2 3 = frequently (most days/5, 6 or 7 times a week) 3 4 = daily/almost daily for most (or all) of day 4 	bassuicfre 🗹 🕼
	Worst:	 0 = absent 0 1 = questionable; also rate 1 if subject plans suicide at a later date when disease is more severe but obtains comfort from this as means to retain control of destiny 1 2 = sometimes very pessimistic with fleeting suicidal ideation 2 3 = subject has pervasive and distressing feelings of hopelessness and more prolonged or frequent suicidal ideation, but has not yet acted on this in any way 3 4 = subject has attempted suicide or has made preparations such as saving up tablets or planning ways to avoid discovery when doing it 4 	bassuicworst 🗹 🕼
Anxiety:			
	Severity:	 0 = absent 0 1 = questionable, vague unease (also rate 1 if subject's only worry or anxiety is about prognosis of HD) 1 2 = subject experiences intermittent worry or anxiety, but symptom is not severe enough to cause significant distress or interfere with everyday activities; rate 2 for mild anticipatory anxiety prior to social events or unfamiliar activities e.g. hospital appointments 2 3 = unpleasant anxiety is present much of the time, and has a significant impact on subject's behaviour (e.g. avoids going to places or events associated with provoking anxiety) 3 4 = worry, anxiety or panic are present all the time and have a major impact on subject's lifestyle (e.g. agoraphobia such that subject cannot leave home without an escort) 4 	
	Frequency:	 0 = never/almost never 0 1 = seldom (less than once/week) 1 2 = sometimes (up to 4 times a week) 2 3 = frequently (most days/5, 6 or 7 times a week) 3 4 = daily/almost daily for most (or all) of day 4 	basanxfre 🗹 🕼
	Worst:	 0 = absent 0 1 = questionable, vague unease (also rate 1 if subject's only worry or anxiety is about prognosis of HD) 1 	basanxworst 🗹 🖟

		 2 = subject experiences intermittent worry or anxiety, but symptom is not severe enough to cause significant distress or interfere with everyday activities; rate 2 for mild anticipatory anxiety prior to social events or unfamiliar activities e.g. hospital appointments 2 3 = unpleasant anxiety is present much of the time, and has a significant impact on subject's behaviour (e.g. avoids going to places or events associated with provoking anxiety) 3 4 = worry, anxiety or panic are present all the time and have a major impact on subject's lifestyle (e.g. agoraphobia such that subject cannot leave home without an escort) 4 	
Irritability:			
	Severity:	 0 = no more irritable than the average person 0 1 = questionable or trivial; within normal limits but worse than he/she used to be 1 2 = definitely more irritable than is reasonable, but not to an extent which causes significant problems or distress for other household members; rate 2 if subject appeared to be in a bad mood, but rater considered that subject might have become angry if not treated with tact 2 3 = subject very irritable and loses temper over trivial matters; household members have to be careful what they say and do to avoid problems; rate 3 if subject's appearance and behaviour suggestive of angry mood, such that outbursts would almost certainly have occurred if care had not been taken to placate subject or to keep out of his/her way 3 4 = subject very irritable and loses temper without any obvious reason at all; living with him/her is like walking on eggshells 4 	basirrit 🗹 🕼
	Frequency:	 0 = never/almost never 0 1 = seldom (less than once/week) 1 2 = sometimes (up to 4 times a week) 2 3 = frequently (most days/5, 6 or 7 times a week) 3 4 = daily/almost daily for most (or all) of day 4 	basimitfre 🗹 🕼
	Worst:	 0 = no more irritable than the average person 0 1 = questionable or trivial; within normal limits but worse than he/she used to be 1 2 = definitely more irritable than is reasonable, but not to an extent which causes significant problems or distress for other household members; rate 2 if subject appeared to be in a bad mood, but rater considered that subject might have become angry if not treated with tact 2 	basimitworst 🗹 🕼

		 3 = subject very irritable and loses temper over trivial matters; household members have to be careful what they say and do to avoid problems; rate 3 if subject's appearance and behaviour suggestive of angry mood, such that outbursts would almost certainly have occurred if care had not been taken to placate subject or to keep out of his/her way 3 4 = subject very irritable and loses temper without any obvious reason at all; living with him/her is like walking on eggshells 4 	
Angry or aggressive b	ehaviour:		
	Severity:	 0 = normal 0 1 = questionable 1 2 = verbal outbursts which are outside socially acceptable limits but do not cause significant problems or distress for other household members; for example, rate 2 if subject becomes angry with self or inanimate objects when confronted with frustrating situations due to disability, such as failure when attempting to rewire a plug 2 3 = temper tantrums are severe enough to cause significant distress for other household members and/or practical difficulties caring for the subject; rate 3 when verbal hostility or anger is directed towards another person (e.g. shouting, sarcastic name-calling, use of foul or abusive language). Also rate 3 if there are explicit verbal threats of violence to another person, or behaviour causing a justifiable fear of personal violence (e.g. subject approaches too close, raises fist, mild pushing). Also rate 3 for violence towards property. 3 4 = subject has temper tantrums so severe that relationship with carers is compromised, creating risk that subject will be rejected; rate 4 if there has been any kind of actual physical assault (includes pushing, shoving, hitting, biting, scratching, kicking) or threatening behaviour involving weapons 	
	Frequency:	 0 = never/almost never 0 1 = seldom (less than once/week) 1 2 = sometimes (up to 4 times a week) 2 3 = frequently (most days/5, 6 or 7 times a week) 3 4 = daily/almost daily for most (or all) of day 4 	basbehfre 🗹 🕼
	Worst:	 0 = normal 0 1 = questionable 1 2 = verbal outbursts which are outside socially acceptable limits but do not cause significant problems or distress for other household members; for example, rate 2 if subject becomes angry with self or inanimate objects when confronted with frustrating situations due to disability, such as failure when attempting to rewire a plug 2 	basbehworst 🗹 🕼

		 3 = temper tantrums are severe enouge to cause significant distress for other household members and/or practical difficulties caring for the subject; rate when verbal hostility or anger is direct towards another person (e.g. shouting sarcastic name-calling, use of foul or abusive language). Also rate 3 if there are explicit verbal threats of violence another person, or behaviour causing justifiable fear of personal violence (esubject approaches too close, raises fimild pushing) 3 4 = subject has temper tantrums so severe that relationship with carers is compromised, creating risk that subje will be rejected; rate 4 if there has be any kind of actual physical assault (includes pushing, shoving, hitting, biting, scratching, kicking) or threatening behaviour involving weapet 	3 ted 9, e to a g. st, ct en
Enthusiasm/spontane	ity:		
	Severity:	 0 = absent 0 1 = subject experiences less interest or enthusiasm for new things, or admits to greater difficulty initiating new projects; he/she feels 'stuck in a rut' 1 2 = subject is definitely less spontaneous and needs some gentle prompting to try anything new 2 3 = subject is definitely less spontaneous and needs a lot of prompting to try anything new 3 4 = subject no longer shows any spontaneity; refuses to try anything new even with a lot of prompting 4 	basenthusiasm 🗹 🕼
	Frequency:		basenthusiasmfre 🗹 🗗
Household chores:			
	Severity:	 0 = symptom absent 0 1 = questionable; subject tends to put off household tasks which were previously part of normal daily routine, but gets round to them in the end without prompting, and there is no significant deterioration in the state of the subject's living environment 1 2 = subject finds it hard to get round to tasks which were previously part of his/her normal routine, and tends to need gentle prompting to do these things; living environment is within socially acceptable limits but definitely less house-proud than previously 2 3 = needs overt or repeated prompting to perform routine household tasks; mail may be left unopened for long periods; living environment has deteriorated beyond socially acceptable limits (or would have done so without intervention of carers) 3 4 = subject no longer makes any attempt to perform these tasks, even with overt prompting, and is living in squalor (or would be without intervention of carers) 4 	/ n s
	Frequency:		bashhchoresfre 🗹 🕼
Lack of perseverance	(failure to complete	tasks once started):	
	Severity:	 0 = symptom absent 0 1 = starts and completes routine daily tasks or hobby activities, but the task may be rushed, or not completed with the usual degree of care, or 	

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	Frequency:	 the standard set on beginning the task 1 2 = fails to complete routine daily tasks or hobby activities which he/she would previously have been able to carry out in one session, but returns, unprompted, and finishes them later after a rest (or doing something else) 2 3 = fails to complete routine daily tasks or hobby activities which he/she started, but will return to finish them with prompting 3 4 = fails to complete routine daily tasks or hobby activities which he/she has started, and does not come back to them later, even with prompting 4 	baspersevfre 🗹 🕼
Hobbies/spare time ac	ctivities:		
	Severity:	 0 = symptom absent 0 1 = spends less time engaged in hobbies/leisure pursuits, but still initiates them without prompting 1 2 = needs gentle prompting to initiate hobbies or pastimes which he/she used to enjoy, but still engages in a range of leisure activities and appears to enjoy them 2 3 = needs quite overt prompting to take part in hobbies or pastimes which he/she used to enjoy; will take part in activities that are organised by other people (e.g. at a day care centre) but makes little or no spontaneous effort and sometimes appears to be doing nothing at all if not prompted by carers; rarely reads now (except simple material like TV listings) but appears to enjoy watching TV and able to engage emotionally and intellectually with material presented 3 4 = never initiates activities, and displays no interest in hobbies or pastimes even when prompted; spends quite long periods apparently doing nothing at all; active choices limited to selecting TV programmes to watch, and perhaps switching on or changing channel to do this) 4 	bashobby 🗹 🕼
	Frequency:		bashobbyfre 🗹 🕼
Social activities:			
	Severity:	 0 = symptom absent 0 1 = questionable or trivial; subject enjoys social contacts and is proactive in organising social activities, but social circle may be more restricted (for example, to close friends and immediate family) 1 2 = subject clearly enjoys social contacts with others but is less proactive in organising social activities with friends and relatives, and leaves it to others to organise these activities 2 3 = makes little or no effort to keep up with friends and leaves it to others to initiate any social contacts; appears to obtain less enjoyment from social contacts 3 4 = displays no interest in friends / relatives and does not engage in social activities, or may actively resist these 4 	bassocat 🗹 💭
	Frequency:		bassocactfre 🗹 🕼
Spontaneous conversa	ation:		
	Severity:	 0 = symptom absent 0 1 = questionable or trivial 1 2 = subject engages in (and clearly enjoys) conversation but friends / relatives have noticed a definite reduction in spontaneity and reciprocity 2 	bassconv 🗹 🖟

	Frequency:	 3 = able to take part in (and seems to enjoy) conversation, but tends to follow and rarely initiates a change of subject 3 4 = markedly impoverished speech, does not initiate new topics of conversation except in relation to own needs 4 	bassconvfre 🗹 🕼
Self-care:			
	Severity:	 0 = symptom absent 0 1 = no outward change in grooming and self-care, but less interested in fashion and appearance, no longer takes pleasure from new clothes, etc. 1 2 = subject and/or carer have noticed change (e.g. no longer takes same care over appearance or bothers with make-up) but still within socially acceptable limits. Rate 2 if subject is no longer capable of maintaining appearance within socially acceptable limits, but still takes an obvious interest and pride in his/her appearance and routinely initiates grooming activities or requests help in this area 2 3 = subject's self care has deteriorated below socially acceptable limits (e.g. may need prompting to shave or change clothes) 3 4 = subject would not engage in any grooming activities without prompting (e.g. would not wash without carer prompting or initiating washing) 4 	bascare 🗹 💭
	Frequency:		bascarefre 🗹 🕼
Lack of initiative (apa	ithy):		
	Severity:	 0 = symptom absent 0 1 = questionable 1 2 = subject no longer tries new things; may need gentle prompting to initiate hobbies or pastimes which he/she usually enjoys; makes less effort to keep up with friends and relatives; tends to put off household tasks which were previously part of normal daily routine and may need gentle prompting to do these things 2 3 = needs quite overt prompting to take part in hobbies or pastimes which he/she used to enjoy, or to carry out routine daily household tasks; makes little or no effort to keep up with friends and leaves it to others to initiate any social contacts; able to take part in (and apparently enjoy) conversation, but tends to follow and is less likely to initiate a change of subject 3 4 = no longer performs any household tasks, even if prompted repeatedly; never initiates activities, and displays no interest in hobbies or pastimes; markedly impoverished speech, rarely initiates new topics of conversation except in relation to own needs; active choices limited to selecting TV programmes to watch, and perhaps switching on or changing channel to do this 4 	basapath 🗹 🕼
	Frequency:	 0 = never/almost never 0 1 = seldom (less than once/week) 1 2 = sometimes (up to 4 times a week) 2 3 = frequently (most days/5, 6 or 7 times a week) 3 	basapathfre 🗹 🖟

		• 4 = daily/almost daily for most (or all) of day 4	
	Worst:	 0 = symptom absent 0 1 = questionable 1 2 = subject no longer tries new things; may need gentle prompting to initiate hobbies or pastimes which he/she usually enjoys; makes less effort to keep up with friends and relatives; tends to put off household tasks which were previously part of normal daily routine and may need gentle prompting to do these things 2 3 = needs quite overt prompting to take part in hobbies or pastimes which he/she used to enjoy, or to carry out routine daily household tasks; makes little or no effort to keep up with friends and leaves it to others to initiate any social contacts; able to take part in (and apparently enjoy) conversation, but tends to follow and is less likely to initiate a change of subject 3 4 = no longer performs any household tasks, even if prompted repeatedly; never initiates activities, and displays no interest in hobbies or pastimes; markedly impoverished speech, rarely initiates new topics of conversation except in relation to own needs; active choices limited to selecting TV programmes to watch, and perhaps switching on or changing channel to do this 4 	basapathworst 🗹 🕼
Obsessive-compulsive			<i>c</i>
	Severity:	 0 = symptom absent 0 1 = questionable or trivial 1 2 = obsessional thoughts or mild compulsive behaviours which do not interfere with everyday life or cause subject significant distress; rate 2 if subject has mild obsessive- compulsive traits such as double checking (a small number of times) that doors are locked or ashtrays empty at night 2 3 = obsessive-compulsive behaviours are present to a degree which interferes with everyday life or causes significant distress for subject; rate 3 if subject displays mild ritualistic behaviours such as hand-washing, turning lights on and off repetitively or 'evening-up' after touching things by touching with the other hand too 3 4 = obsessional phenomena cause serious distress, are time consuming (>1 hour/day) or significantly interfere with the person's normal routine, occupational functioning or usual social activities or relationships 	basobscomp 🗹 🕼
	Frequency:	 0 = never/almost never 0 1 = seldom (less than once/week) 1 2 = sometimes (up to 4 times a week) 2 3 = frequently (most days/5, 6 or 7 times a week) 3 	basobscompfre 🗹 🖟

		4 = daily/almost daily for most (or all) of day 4	
	Worst:		basobscompworst 🗹 🕼
Perseverative thinking	n or behaviour:		
	Severity:	 0 = symptom absent 0 1 = questionable 1 2 = mild perseverative behaviours or abnormal preoccupations are present but do not interfere with everyday life cause significant distress for subject o carers; rate 2 if carer reports that subject tends to come out with comments which refer to an earlier top of conversation, or when rater observe perseverative phenomena during examination (e.g. continues tandem walking after test completed) 2 3 = abnormal preoccupations or repetitive behaviours occupy a significant proportion of subject's attention and cause distress for subject will not let matter drop after a argument, and keeps returning to the same contentious issue all day, or has repetitive behaviours (see below) whic cause some interference with everyday care 3 4 = abnormal preoccupations occupy most of subject's attention for several days at a time, causing major problem or distress for subject and carers, or subject cannot be diverted from repetitive behaviours (pacing, smoking repeatedly visiting the toilet) which interfere significantly with everyday care 4 	r bic ss :t n :h /
	Frequency:	 0 = never/almost never 0 1 = seldom (less than once/week) 1 2 = sometimes (up to 4 times a week) 3 = frequently (most days/5, 6 or 7 times a week) 3 	basthinkfre 🗹 🕼

		• 4 = daily/almost daily for most (or all) of day 4	
	Worst:	 0 = symptom absent 0 1 = questionable 1 2 = mild perseverative behaviours or abnormal preoccupations are present but do not interfere with everyday life or cause significant distress for subject or carers; rate 2 if carer reports that subject tends to come out with comments which refer to an earlier topic of conversation, or when rater observes perseverative phenomena during examination (e.g. continues tandem walking after test completed) 2 3 = abnormal preoccupations or repetitive behaviours occupy a significant proportion of subject's attention and cause distress for subject or practical problems for carers; for example, rate 3 if carers report that subject will not let matter drop after an argument, and keeps returning to the same contentious issue all day, or has repetitive behaviours (see below) which cause some interference with everyday care 3 4 = abnormal preoccupations occupy most of subject's attention for several days at a time, causing major problems or distress for subject and carers, or subject cannot be diverted from repetitive behaviours (pacing, smoking, repeatedly visiting the toilet) which interfere significantly with everyday care 3 	basthinkworst 🗹 🖟
Delusions / paranoid	thinking:		
	Severity:	 0 = symptom absent 0 1 = questionable or trivial 1 2 = overvalued ideas (not amounting to true delusions) are present for some par of the day but do not affect subject's behaviour 2 3 = overvalued ideas are present for much of the day, and subject behaves as if these beliefs were true, although he/she can be persuaded (with difficulty that he/she is mistaken; 3 4 = delusions: false beliefs, held with unshakeable conviction, which are not shared by other members of subject's social and cultural group and have been present continuously for at least 7 days 	s) 4
	Frequency:	 0 = never/almost never 0 1 = seldom (less than once/week) 1 2 = sometimes (up to 4 times a week) 2 3 = frequently (most days/5, 6 or 7 times a week) 3 4 = daily/almost daily for most (or all) of day 4 	basdelfre 🗹 🕼
	Worst:	 0 = symptom absent 0 1 = questionable or trivial 1 2 = overvalued ideas (not amounting to true delusions) are present for some par of the day but do not affect subject's behaviour 2 	basdelworst 🗹 🕼

Hallucinations:		much of the day if these beliefs of he/she can be p that he/she is m 4 = delusions: f unshakeable cor shared by other social and cultu	ideas are present for , and subject behaves as vere true, although ersuaded (with difficulty) istaken; 3 false beliefs, held with nviction, which are not members of subject's ral group and have been pusly for at least 7 days 4)	
	Severity:		 0 = symptom absent 0 1 = questionable or trivial 1 2 = subject reports experiencing hallucinations (when asked) but these do not appear to cause any distress or affect subject's behaviour 2 3 = hallucinations which affect subject's behaviour (e.g. looking for source of hidden voices or putting cotton wool in ears) but do not appear to cause much distress 3 4 = subject is clearly distressed by hallucinations and preoccupied with them 4 		
		Please specify			
		Modality of hallucinations:	 auditory 1 visual 2 tactile 3 olfactory 4 gustatory 5 	bashallmod 🗹 🗗	
	Frequency:	 0 = never/almost n 1 = seldom (less th 2 = sometimes (up 3 = frequently (mo times a week) 3 4 = daily/almost da of day 4 	bashallfre 🗹 💭		
	Worst:	 0 = symptom absent 0 1 = questionable or trivial 1 2 = subject reports experiencing hallucinations (when asked) but these do not appear to cause any distress or affect subject's behaviour 2 3 = hallucinations which affect subject's behaviour (e.g. looking for source of hidden voices or putting cotton wool in ears) but do not appear to cause much distress 3 4 = subject is clearly distressed by hallucinations and preoccupied with them 4 		bashallworst 🗹 💭	
		Please specify			
		Modality of hallucinations:	 auditory 1 visual 2 tactile 3 olfactory 4 gustatory 5 	bashallmodw 🖄 🕼	
Disoriented Behaviour	:				
	Severity:	gets day wrong =	sent 0 or trivial (e.g. subject = one day, or fails to when meeting them	basorient 🗹 🗗	

			 out of their normal context) 1 2 = subject does not seem to be fully aware of surroundings or the passage of time, but this does not cause significant practical problems 2 3 = evidence of confusion at night (subject appears disoriented in time, place or person to an extent that causes practical problems for carers) but normal during daylight hours 3 4 = subject is confused and disoriented all the time, unaware of time of day/day of week/date and wrongly identifying surroundings or the people around him (e.g. mistakes nursing home for a prison and nursing staff as prison wardens) and consequently resists efforts of carers to look after him/her 4 	
		Frequency:	 0 = never/almost never 0 1 = seldom (less than once/week) 1 2 = sometimes (up to 4 times a week) 2 3 = frequently (most days/5, 6 or 7 times a week) 3 4 = daily/almost daily for most (or all) of day 4 	basorientfre 🗹 🕼
		Worst:	 0 = symptom absent 0 1 = questionable or trivial (e.g. subject gets day wrong ± day, or fails to recognise people when meeting them out of their normal context) 1 2 = subject does not seem to be fully aware of surroundings or the passage of time, but this does not cause significant practical problems 2 3 = evidence of confusion at night (subject appears disoriented in time, place or person to an extent that causes practical problems for carers) but normal during daylight hours 3 4 = subject is confused and disoriented all the time, unaware of time of day/day of week/date and wrongly identifying surroundings or the people around him (e.g. mistakes nursing home for a prison and nursing staff as prison wardens) and consequently resists efforts of carers to look after him/her 4 	basorientworst 🗹 🕼
Information 4	88			
General comments:				bascomment 🗹 🕼
Is informant a relative?	 1 = s 2 = p 3 = s 4 = c 	ibling 3		basrelative 🗹 🕼

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		 5 = other relative 5 6 = friend or neighbour 6 	
		 7 = professional care worker 7 8 = other 8 	
		 9 = no informant - subject came alone or is control subject 9 	
Is inforn house memb	hold	 1 = household member (i.e. relative or friend who lives with subject) 1 2 = not a household member but has frequent contact with subject (most days) 2 3 = not a household member and sees subject less than three or four times a week 3 4 = staff of residential care home or hospital 4 	bashousehold 🗹 🗗



43 Form "FrSBe Self-Rating Form (FrSBe-S)"

FrSBe Self-Rating Form

Inside this form is a list of phrases that can be used to describe a person's behaviour. Please read each phrase carefully. Using the rating scale below, click the circle under the column that corresponds to how often you have engaged in the behaviour described. Rate your behaviour at the present time. Please try to provide a rating for all of the statements.

General 2923						
Participant View: Start		pview				
Total FrSBe	frsbescore 🗹 🗗					
Apathy Di	sinhibitio	n	Executive Dy	sfunction		
apathyscore 🗹 🗗	disinhi	bscore 🗹 🗗	execdys	score 🗹 🗗		
FrSBe Self-Rating Form -			_			
	1 = almost never	2 = seldom	3 = sometimes	4 = frequently	5 = almost always	
1. I speak only when spoken to	0 1	0 2	03	0 4	🔾 5 frontp1b 🗹 🗗	
2. I am easily angered or irritated; I have emotional outbursts without good reason	• • 1	02	03	• 4	🔘 5 frontp2b 🗹 🕼	
 Repeat certain actions or get stuck on certain ideas 	0 1	02	03	0 4	O 5 frontp3b 🗹 🗗	
4. I do things impulsively	/ O 1	0 2	03	O 4	🔘 5 frontp4b 🗹 🗗	
5. Mix up a sequence, get confused when doing several things in a row	0 1	02	03	0 4	O 5 frontp5b 🗹 🗗	
6. Laugh or cry easily	0 1	0 2	03	O 4	🔘 5 frontp6b 🗹 🗗	
7. Make the same mistakes over and over, do not learn from past experience	0 1	O 2	03	• 4	🔘 5 frontp7b 🗹 🖟	
8. Have difficulty starting an activity, lack initiative motivation		02	03	○ 4	O 5 frontp8b 🗹 🗗	
9. Make inappropriate sexual comments and advances, am too flirtatious	0 1	02	0 3	0 4	O 5 frontp9b 🗹 🖟	
10. Do or say embarrassing things	0 1	02	03	• 4	🔘 5 frontp10b 🗹 🕼	
11. Neglect my personal hygiene	0 1	O 2	0 3	O 4	🔘 5 frontp11b 🗹 🖟	

12. Can't sit still, am hyperactive	0 1	02	0 3	04	🔘 5 frontp13b 🗹 🕼
13. Am unaware of my problems or when I make mistakes	0 1	02	0 3	0 4	O 5 frontp14b 🗹 🗗
14. Sit around doing nothing	0 1	02	03	0 4	🔘 5 frontp15b 🗹 🕼
15. Am disorganized	0 1	O 2	O 3	O 4	🔘 5 frontp16b 🗹 🗗
16. Lose control of my urine or bowels and it doesn't seem to bother me	0 1	02	03	• 4	O 5 frontp17b 🗹 🗗
	1 = almost never	2 = seldom	3 = sometimes	4 = frequently	5 = almost always
17. Cannot do two things at once (for example, talk and prepare a meal)	0 1	02	0 3	O 4	O 5 frontp18b 🗹 🗗
18. Talk out of turn, interrupt others in conversations	0 1	O 2	Ο 3	04	O 5 frontp19b 🗹 🗗
19. Show poor judgement, poor problem solver	0 ₁	02	Ο ₃	0 4	O 5 frontp20b 🗹 🗗
20. Make up fantastic stories when unable to remember something	0 1	O 2	03	○ 4	O 5 frontp21b 🗹 🗗
21. Have lost interest in things that used to be fun or important to me	0 1	02	Ο ₃	0 4	O 5 frontp22b 🗹 🗗
22. Say one thing, then do another thing	0 1	O 2	03	04	○ 5 frontp23b 🗹 🗗
23. Start things but fail to finish them, 'peter out	0 1	O 2	O 3	0 4	O 5 frontp24b 🗹 🗗
24. Show little emotion, am unconcerned and unresponsive	0 1	02	03	○ 4	🔘 5 frontp25b 🗹 🕼
25. Forget to do things but then remember when prompted or when it is too late	0 1	O 2	03	0 4	O 5 frontp26b 🗹 🗗
26. Am inflexible, unable to change routines	0 1	0 2	03	04	○ 5 frontp27b 🗹 🗗
27. Get in trouble with the law or authorities	0 1	02	03	0 4	O 5 frontp28b 🗹 🗗
28. Do risky things just for the heck of it	0 1	O 2	03	0 4	🔘 5 frontp29b 🗹 🕼

29. Am slow moving, lack energy, inactive	0 1	0 2	03	0 4	🔘 5 frontp30b 🗹 🗗
30. Am overly silly, have a childish sense of humor		02	Ο ₃	• 4	🔘 5 frontp31b 🗹 🗗
31. Find that food has no taste or smell	0 1	02	03	0 4	🔘 5 frontp32b 🗹 🗗
32. Swear	0 1	O 2	Ο 3	O 4	🔘 5 frontp33b 🗹 🖟

Inside this form is a list of phrases that can be used to describe a person's behaviour. Please read each phrase carefully. Using the rating scale below, click the circle under the column that corresponds to how often you have engaged in the behaviour described. Rate your behaviour at the present time. Please try to provide a rating for all of the statements.

Read each of the following items carefully before responding.

FrSBe Self-Rating Form -	Part II 17	56			
	1 = almost always	2 = frequently	3 = sometimes	4 = seldom	5 = almost never
33. Apologize for misbehaviour (for example, apologize for swearing)	0 1	Ο 2	03	• 4	O 5 frontp34b 🗹 🕼
34. Pay attention, concentrates even when there are distractions	0 1	0 2	03	0 4	○ 5 frontp35b 🗹 🕼
35. Think things through before acting (for example, consider finances before spending money)	0 1	Ο 2	03	• 4	O 5 frontp36b 🗹 🗗
36. Use strategies to remember important things (for example, write notes to myself)	0 1	02	03	• 4	○ 5 frontp37b 🗹 🕼
37. Am able to plan ahead	0 1	0 2	0 3	0 4	🔘 5 frontp38b 🗹 🗗
38. Am interested in sex	0 1	0 2	0 3	0 4	🔘 5 frontp39b 🗹 🗗
39. Care about my appearance (for example, daily grooming)	0 1	0 2	03	• 4	🔿 5 frontp40b 🗹 🕼
40. Benefit from feedback, accept constructive criticism from others	0 1	02	03	• 4	○ 5 frontp41b 🗹 🕼
41. Get involved with activities spontaneously (such as hobbies)	0 1	O 2	0 3	0 4	O 5 frontp42b 🗹 🕼

42. Doing things without being requested to do so	0 1	0 2	03	0 4	🔾 5 frontp43b 🗹 🕼
43. Am sensitive to the needs of other people	0 1	O 2	Ο 3	0 4	🔘 5 frontp44b 🗹 🕼
44. Get along well with others	0 1	O 2	03	0 4	🔘 5 frontp45b 🗹 🕼
45. Act appropriately for my age	0 1	O 2	Ο 3	0 4	🔘 5 frontp46b 🗹 🕼
46. Can start conversations easily	0 1	02	03	04	🔘 5 frontp47b 🗹 🖟

TRACKHD

44 Form "FrSBe Family-Rating Form (FrSBE-F)"

FrSBe Family-Rating Form

Inside this form is a list of phrases that can be used to describe a person's behaviour. Please read each phrase carefully. Using the rating scale below, click the circle under the column that corresponds to how often your family member has engaged in the behaviour described. Rate your famly member's behaviour at the present time. Please try to provide a rating for all of the statements.

General 2924					
Participant View: Start		pview			
Total FrSBe score:	frsbescore 🗹 🗗				
Apathy Dis	sinhibitio	n	Executive Dy	sfunction	
apathyscore 🗹 🗗	disinhit	oscore 🗹 🗗	execdys	score 🗹 🗗	
FrSBe Family-Rating Form	n - Part I	1143			
,	1 = almost never	2 = seldom	3 = sometimes	4 = frequently	5 = almost always
1. Speaks only when spoken to	0 1	02	03	O 4	🔾 5 frontf1ba 🗹 🖟
 Is easily angered or irritated; has emotional outbursts without good reason 	0 <u>1</u>	02	03	• 4	🔿 5 frontf2b 🗹 🕼
 Repeats certain actions or gets stuck on certain ideas 	5 O 1	02	03	0 4	🔘 5 frontf3b 🗹 🗗
4. Does things impulsively	0 1	02	03	0 4	💿 5 frontf4b 🗹 🕼
5. Mixes up sequences, gets confused when doing several things in a row	0 1	02	03	0 4	○ 5 frontf5b 🗹 🗗
6. Laughs or cries too easily	0 1	0 2	0 3	0 4	🔘 5 frontf6b 🗹 🕼
7. Makes the same mistakes over and over, does not learn from past experience	0 1	02	03	• 4	O 5 frontf7b 🗹 🖟
8. Has difficulty starting an activity, lacks initiative, motivation	0 1	02	03	○ 4	🔘 5 frontf8b 🗹 🖟
9. Makes inappropriate sexual comments and advances, is too flirtatious	0 1	02	0 3	04	🔾 5 frontf9b 🗹 🖟
10. Does or says embarrassing things	0 1	02	03	O 4	🔾 ₅ frontf10b 🗹 🗗

11. Neglects personal hygiene	0 1	02	Ο 3	0 4	🔾 5 frontf11b 🗹 🗗
12. Can't sit still, is hyperactive	0 1	O 2	Ο 3	O 4	○ 5 frontf12b 🗹 🗗
13. Denies having problems or is unaware of problems or mistakes	0 1	02	03	0 4	O 5 frontf13b 🗹 🗗
14. Sits around doing nothing	○ 1	O 2	Ο 3	0 4	○ 5 frontf14b 🗹 🗗
15. Is disorganized	0 1	0 2	Ο 3	0 4	🔘 5 frontf15b 🗹 🗗
16. Loses control of urine or bowels and seems unconcerned	0 1	O 2	Ο 3	○ 4	O 5 frontf16b 🗹 🗗
	1 = almost never	2 = seldom	3 = sometimes	4 = frequently	5 = almost always
17. Cannot do two things at once (for example, talk and prepare a meal)		02	03	0 4	O 5 frontf17b 🗹 🖟
18. Talks out of turn, interrupts others in conversations	0 1	O 2	03	• 4	O 5 frontf18b 🗹 🖟
19. Shows poor judgement, is a poor problem solver	0 1	Ο 2	03	0 4	O 5 frontf19b 🗹 🕼
20. Makes up fantastic stories when unable to remember something	○ 1	° 2	03	O 4	🔘 5 frontf20b 🗹 🕼
21. Has lost interest in things that used to be fun or important to him/her	0 1	02	03	0 4	O 5 frontf21b 🗹 🗗
22. Says one thing, then does another thing	○ 1	O 2	○ 3	0 4	○ 5 frontf22b 🗹 🗗
23. Starts things but fails to finish them, 'peters out'	0 1	02	03	0 4	O 5 frontf23b 🗹 🗗
24. Shows little emotion, is unconcerned and unresponsive	0 1	O 2	03	○ 4	O 5 frontf24b 🗹 🗗
25. Forgets to do things but then remembers when prompted or when it is too late	0 1	0 2	03	04	🔿 5 frontf25b 🗹 🖟
26. Is inflexible, unable to change routines	0 1	O 2	03	O 4	🔾 ₅ frontf26b 🗹 🗗
27. Gets in trouble with the law or authorities	0 1	0 2	03	0 4	🔾 ₅ frontf27b 🗹 🗗



28. Does risky things just for the heck of it	0 1	0 2	03	O 4	🔘 5 frontf28b 🗹 🗗
29. Is slow moving, lacks energy, inactive	0 1	O 2	03	0 4	🔾 5 frontf29b 🗹 🗗
30. Is overly silly, has childish sense of humor	0 1	O 2	03	• 4	🔾 5 frontf30b 🗹 🕼
31. Complains that food has no taste or smell	0 1	O 2	03	0 4	🔘 5 frontf31b 🗹 🗗
32. Swears	0 1	O 2	Ο 3	O 4	🔾 5 frontf32b 🗹 🕼

Inside this form is a list of phrases that can be used to describe a person's behaviour. Please read each phrase carefully. Using the rating scale below, click the circle under the column that corresponds to how often your family member has engaged in the behaviour described. Rate your family member's behaviour at the present time. Please try to provide a rating for all of the statements.

Read each of the following items carefully before responding.

FrSBe Family-Rating Form - Part II 1280									
	1 = almost always	2 = frequently	3 = sometimes	4 = seldom	5 = almost never				
33. Apologizes for misbehaviour (for example, apologizes for swearing)	0 1	Ο 2	03	04	O 5 frontf33b 🗹 🗗				
34. Pays attention, concentrates even when there are distractions	0 1	Ο 2	Ο 3	0 4	○ 5 frontf34b 🗹 🕼				
35. Thinks things through before acting (for example, considers finances before spending money)		O 2	03	• 4	O 5 frontf35b 🗹 🗗				
36. Uses strategies to remember important things (for example, writes notes to self)	0 1	02	03	• 4	O 5 frontf36b 🗹 🗗				
37. Is able to plan ahead	0 1	0 2	0 3	0 4	💿 5 frontf37b 🗹 🗗				
38. Is interested in sex	0 1	O 2	O 3	O 4	🔘 5 frontf38b 🗹 🗗				
39. Cares about his/her appearance (for example, daily grooming)	0 1	0 2	03	0 4	🔿 5 frontf39b 🗹 🕼				
40. Benefits from feedback, accepts constructive criticism from others	0 1	02	03	• 4	🔾 ₅ frontf40b 🗹 🗗				

41. Gets involved with activities spontaneously (such as hobbies)	0 1	0 2	03	0 4	₅ frontf41b 🗹 🕼
42. Does things without being requested to do so	0 1	O 2	Ο 3	0 4	🔘 5 frontf42b 🗹 🗗
43. Is sensitive to the needs of other people	0 1	02	03	0 4	🔘 5 frontf43b 🗹 🖟
44. Gets along well with others	O 1	O 2	Ο 3	04	🔘 5 frontf44b 🗹 🗗
45. Acts appropriately for his/her age	0 1	02	03	0 4	🔘 5 frontf45b 🗹 🖟
46. Starts conversations spontaneously	0 1	O 2	Ο 3	0 4	○ 5 frontf46b 🗹 🗗



45 Form "ISHD Diary (ISHD)"

ISHD Diary

General 4450		
Irritability	Verbal Outburst Physical Aggression Overall	
irritabweekscore 🗗	yerbalweekscore 🗹 🕼 👘 physicalweekscore 🗹 🕼 👘	overallweekscore 🗹 🕼
Day #1 2944_i1		
Date:		dtc 🗹 🕼
Irritable moods (severity):	 Subject was not irritable at all today 1 Seemed to be in a bad mood, might have become angry if not treated with tact 2 Appearance and behaviour suggesting that he/she was feeling angry; became cross or angry with very little provocation, or gave impression that outburst would have occurred if care had not been taken to placate subject or keep out of the way 3 Obviously feeling very angry; any contact with subject was like walking on eggshells 4 	moods 🗹 🕼
How often was the subject irritable today:	 Subject was not irritable at all today 1 One short spell of moody or irritable behaviour in the course of the day 2 Several (2-5) spells of moody or irritable behaviour in the course of the day 3 Continuously, or almost continuously throughout the day 4 	irritable 🗹 🕼
Angry verbal outbursts (severity):	 No angry verbal outbursts today 1 Became mildly cross (e.g. when confronted with frustrating situations) 2 Verbally hostile, sarcastic or nasty, or using foul language 3 Shouting, verbally intimidating behaviour or uttering threats 4 	outbursts 🗹 🕻
How many angry verbal outbursts did the subject have today:	 No angry verbal outbursts today 1 One angry verbal outburst only 2 Several (2-5) angry verbal outbursts in the course of the day 3 Angry verbal outbursts occurred continuously, or almost continuously, throughout the day 4 	verbalourbursts 🗹 🕼
Physical aggression (severity):	 No aggressive incidents today 1 Aggression against property (slamming doors, kicking furniture, breaking things deliberately) 2 Threatening behaviour e.g. raising fist, approaching too close, throwing things (must be more than just verbal threats) 3 Actual assault (includes pushing, shoving, hitting, biting, scratching) 4 	aggression 🗹 🕼
How often was the subject aggressive today:	 No aggressive incidents today 1 One aggressive incident only 2 Several (2-5) aggressive incidents in the course of the day 3 Aggressive behaviour occurred continuously, or almost continuously, throughout the day 4 	aggressive 🗹 🗗
Finally, please tell us roughly how much time you spent with the subject today (i.e. in the same house, not necessarily in	 one or two short spells, less than two hours in total 1 more than two hours, less than about six hours 2 all day, or most of the day (more than six hours) 3 	spenttime 🗹 🖟

the same room):			
Irritability	Verbal Outburst	Physical Aggression	Overall
irritabscore 🗹 🕼	verbalscore 🗹 🖞	physicalscore 🗹 🕼	overallscore 🗹 🕼

46 Form "SF-36v2 Health Survey (SF-36v2)"

SF-36v2 Health Survey

This survey asks for your views about your health. This information will help keep track of how you feel and how well you are able to do your usual activities. Thank you for completing this survey!

For each of the following questions, please click the circle that best describes your answer.

General 538									
Participant View:		Start Participant-Ba	ased Data Entry						pview
Domain scores Physical (PF)	Functioning Role	-Physical (RP)	Bodily Pain (BP)	General Health (GH) Vitality (VT)	Social I (SF)	Functioning	Role-Emotional (RE)	Mental Health (MH)
Raw scores	pfsubscore 🗹 🕼	rpsubscore 🗹 🕼	bpsubscore 🗹 🕼	ghsubscore 🗗	🖞 🕼 📃 vtsubs	xore 🗹 🗗	sfsubscore 🗹 🕼	resubscore 🗹 🕼	mhsubscore 🗹 🕼
0-100 scores	pf 🗹 🕼	rp 🗹 🕼	bp 🗹 🕼	gh 🗹 🕼	vt 🗹	(P	sf 🗹 🕼	re 🗹 🕼	mh 🗹 🕼
Norm-based scores	pf_nbs 🗹 🕼	rp_nbs 🗹 🕼	bp_nbs 🗹 🕼	gh_nbs 🗹 🕼	vt_nbs	· 4 P	sf_nbs 🗹 🗗	re_nbs 🗹 🕼	mh_nbs 🗹 🕼
Physical Co Summary (I new algorithm old algorithm		al Component mary (MCS) mcs 🗹 🕼 mcsum 🗹							
Your Health and Well-Being	541								
1. In general, would you sa	y your health is?	excellent 5 very	good 4.4 good 3.4 G	fair 2 Opoor 1					general 🗹 🕼
2. <u>Compared to one year ac</u>	<u>io,</u> how would you ra	ite your health in ge	neral <u>now</u> ?						
		nuch better now that ne year ago	n somewhat bette one year ago O		ut the same as one r ago	e somewhat wo one year ago O	rse now than	much worse now tha one year ago O	an compared 🗹 🕼
3. The following questions	are about activities y	ou might do during	a typical day. <u>Does yo</u> i	ur health now limit y	ou in these activit	ies? If so, how m	uch?		
				<u>ye</u>	es, limited a lot	yes, limited a l	ittle No, not l	imited at all	
			ects, participating in str	renuous sports	2 1	O 2	0 3	activitiesv 🗹 🕼	
Moderate acti	deless such as maxim								
	rues, such as moving	g a table, pushing a	vacuum cleaner, bowli	ing, or playing golf 🤇	2 1	0 ₂	0 3	activitiesm 🗹 💋	
Lifting or carr	ving groceries	g a table, pushing a	vacuum cleaner, bowli		2 1 1	O 2		activitiesm 🗹 🕼	
		g a table, pushing a	vacuum cleaner, bowli	(_	03	activitiesm 🗹 🕼 lifting 🗹 🕼 climbings 🗹 🕼	
Climbing seve	ying groceries	g a table, pushing a	vacuum cleaner, bowli	(2 1	O 2	0 3 0 3	activitiesm 🗹 🕼 lifting 🗹 🕼 climbings 🗹 🕼 climbings 🗹 🕼	
Climbing <u>seve</u> Climbing <u>one</u>	ying groceries ral flights of stairs	g a table, pushing a	vacuum cleaner, bowli		<pre>0 1 0 1 0 1 0 1 0 1</pre>	0 ₂ 0 ₂	0 3 0 3 0 3	activitiesm 🗹 🕼 lifting 🗹 🕼 climbings 🗹 🕼 climbingo 🗹 🕼 bending 🗹 🕼	
Climbing seve Climbing one Bending, knee	ying groceries <u>ral</u> flights of stairs flight of stairs		vacuum cleaner, bowli		2 1 2 1 2 1	0 2 0 2 0 2	0 3 0 3 0 3 0 3	activitiesm 🗹 🕼 Ilifting 🗹 🕼 climbings 🗹 🕼 climbingo 🗹 🕼 bending 🗹 🕼 walkingm 🗹 🕼	
Climbing <u>seve</u> Climbing <u>one</u> Bending, knee Walking <u>more</u>	ying groceries <u>ral</u> flights of stairs flight of stairs ling or stooping	1.5 kilometres)	vacuum cleaner, bowli		<pre>0 1 0 1 0 1 0 1 0 1</pre>	 2 	0 3 0 3 0 3 0 3 0 3	activitiesm 🗹 🕼 lifting 🗹 🕼 climbings 🗹 🕼 climbingo 🗹 🕼 bending 🗹 🕼 walkingn 🗹 🕼 walkings 🗹 🕼	
Climbing <u>seve</u> Climbing <u>one</u> Bending, knee Walking <u>more</u> Walking <u>seve</u>	ying groceries r <u>al</u> flights of stairs flight of stairs sling or stooping than a mile (approx.	1.5 kilometres) etres)	vacuum cleaner, bowli		0 1 0 1 0 1 0 1 0 1	2 2 2 2 2 2 2 2 2 2 2 2 2		activitiesm 🗹 🕼 Ilifting 🗹 🕼 climbings 🗹 🕼 climbingo 🗹 🕼 bending 🗹 🕼 walkingm 🗹 🕼	



			all of the ime	most of t time	he some of the time	a little of the time	none of the time
Cut down on the amount of time you spent on work or other activities	s	-	0 1	0 2	0 3	0 4	💿 5 physiccut 🗹 🕼
Accomplished less than you would like			O 1	0 2	0 3	0 4	💿 5 physicace 🗹 🕼
Were limited in the kind of work or other activities			0 1	O 2	0 3	0 4	💿 5 physiclimit 🗹 🕼
Had difficulty performing the work or other activities (for example, it	took ex	tra effort)	O 1	O 2	O 3	0 4	💿 5 physicdiff 🗹 🕼
iring the <u>past 4 weeks</u> , how much of the time have you had any of the followin xious)?	ng probl	ems with	your work	or other	regular daily acti	ivities <u>as a r</u>	r <u>esult of any emotional problems</u> (such as feeling depr
	all of the time		some of the time		none of the time	e	
Cut down on the amount of time you spent on work or other activities	s O 1	0 2	0 3	0 4	⊙ ₅ emotioncut∣	C 🖓	
Accomplished less than you would like	0 1	0 2	0 3	04	0 ₅ emotionacc	£ (
Did work or other activities less carefully than usual	0 1	0 2	0 3	0 4	⊙ ₅ emotioncare	· 🗹 🕼	
ring the <u>past 4 weeks</u> , to what extent has your physical health or emotional p o not at all s o slightly 4 o modera w much <u>bodily</u> pain have you had during the <u>past 4 weeks</u> ? o none 6 o very mild 5.4 o mild 4.2 uring the <u>past 4 weeks</u> , how much did <u>pain</u> interfere with your normal work (ir	ntely 3 mode ncluding	quite a bi erate 3.1 C both worl	t 2 extra severe 2.: < outside t	emely 1 2 Overys he home	evere 1 and housework)?		exter bodypa
 not at all s Slightly 4 moderation moderation much bodily pain have you had during the past 4 weeks? none 6 very mild 5.4 mild 4.2 ning the past 4 weeks, how much did pain interfere with your normal work (in 0 not at all s a little bit 4 moderation moderation of the time during the past 4 weeks: 	ntely 3 mode ncluding erately 3 <u>ing the</u> all of	quite a bi erate 3.1 C both worl oquite a past 4 wee most of	t 2 extra severe 2 (outside t bit 2 ex some of	emely 1 2 • very s he home (tremely 1 ch question a little	evere 1 and housework)?	? he one answ	exter bodypa interferew or
 not at all s Slightly 4 moderative much <u>bodily</u> pain have you had during the <u>past 4 weeks</u>? none 6 very mild 5.4 mild 4.2 none 6 very mild 5.4 mild 4.2 uring the <u>past 4 weeks</u>, how much did <u>pain</u> interfere with your normal work (in 0 not at all s a little bit 4 moderative moderations are about how you feel and how things have been with you <u>during</u> of the time <u>during the past 4 weeks</u>: 	ntely 3 mode ncluding erately 3 <u>ing the</u>	quite a bi erate 3.1 C both worl oquite a past 4 wee most of	t 2 extra severe 2 < outside t bit 2 ex eks. For ea	emely 1 2 • very s he home (tremely 1 ch question a little	evere 1 and housework): on, please give t	? he one answ	exter bodypa interferew or
 not at all s Slightly 4 moderative much <u>bodily</u> pain have you had during the <u>past 4 weeks</u>? none 6 very mild 5.4 mild 4.2 none 6 very mild 5.4 mild 4.2 uring the <u>past 4 weeks</u>, how much did <u>pain</u> interfere with your normal work (in 0 not at all s a little bit 4 moderative moderations are about how you feel and how things have been with you <u>during</u> of the time <u>during the past 4 weeks</u>: 	ntely 3 mode ncluding erately 3 ing the all of the	quite a bi erate 3.1 C both worl oquite a past 4 wee most of	t 2 extra severe 2 (outside t bit 2 ex some of	emely 1 2 O very s the home tremely 1 ch question a little of the	evere 1 and housework): on, please give t	? he one answ	exter bodypa interferew or
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11. How TRUE or FALSE is each of the following statements for you?

	definitely true		don't know		definitely false
I seem to get ill more easily than other people	O 1	2	0 3	0 4	💿 sick 🗹 🕼
I am as healthy as anybody I know					🔘 healthy 🗹 🗗
I expect my health to get worse	Ο 1	2	3	0 4	💿 worse 🗹 🕼 5
My health is excellent					\bigcirc_1 excellent 🗹 🖉

Thank you for completing these questions!



47 Form "Ferrans and Powers QUALITY OF LIFE INDEX© GENERIC VERSION – III (QOLI)"

Ferrans and Powers QUALITY OF LIFE INDEX© GENERIC VERSION - III

General 2113	
Participant View:	Start Participant-Based Data Entry
Total Quality of Life Score:	0 qoliscore 🗹 🖟
Health and functionin subscale score	ng Social and economic Psychological/spiritual Family subscale score subscale score
0 healthscore	了 🕼 🧿 socialscore 🗹 🕼 🚺 psychscore 🗹 🕼 🚺 familyscore 🗹 🕼

<u>PART 1.</u> For each of the following, please choose the answer that best describes how <u>satisfied</u> you are with that area of your life. Please mark your answers by clicking in the appropriate column. There are no right or wrong answers.

How satisfied are	you with 733						
	1 = very dissatisfied	2 = moderately dissatisfied	3 = slightly dissatisfied	slightly	5 = moderately satisfied	6 =	very satisfied
1. Your health?	0	0 2	0 3	0 4	0 5	6	health 🗹 🕼
2. Your health care?	0 1	2	0 3	0 4	5	6	healthcare 🗹 🕼
3. The amount of pain that you have?	0 1	0 2	0 3	0 4	0 5	6	pain 🗹 🖟
4. The amount of energy you have for everyday activities?	0 1	2	0 3	0 4	0 5	6	energy 🗹 🕼
5. Your ability to take care of yourself without help?	0 1	2	3	0 4	5	6	withouthelp 🗹 🖟
6. The amount of control you have over your life?		0 2	0 3	4	0 5	6	control 🗹 🕼
7. Your chances o living as long as you would like?		0 2	0 3	0 4	0 5	6	chance 🗹 🕼
8. Your family's health?	0	0 2	0 3	0 4	5	6	healthfam 🗹 🕼
9. Your children?	0	2	0 3	0 4	5	6	children 🗹 🕼
10. Your family's happiness?	0 1	2	0 3	0 4	5	6	happiness 🗹 🖟
11. Your sex life?	0	2	0 3	0 4	5	6	sex 🗹 🖟
12. Your spouse, lover, or partner?	0 1	2	0 3	0 4	5	6	spouse 🗹 🗗
13. Your friends?	0	2	0 3	4	0 5	6	friends 🗹 🕼

14. The emotiona support you get from your family?	1	2	0 3	0 4	0 5	6	support 🗹 🕼
15. The emotiona support you get from people othe than your family?	1 r	2	0 3	4	0 5	6	supportother 🗹 🗗
16. Your ability to take care of family responsibilities?		2	0 3	0 4	0 5	6	response 🗹 🕼
	1 = very dissatisfied	2 = moderately dissatisfied	3 = slightly dissatisfied		5 = moderately satisfied	6 =	very satisfied
17. How useful you are to others?	1	0 2	0 3	0 4	0 5	6	useful 🗹 🖟
18. The amount of worries in your life?	1	0 2	0 3	4	0 5	6	worries 🗹 🗓
19. Your neighborhood?	0	0 2	0 3	4	5	6	neighbor 🗹 🕼
20. Your home, apartment, or place where you live?	1	2	0 3	0 4	5	6	home 🗹 🖟
21. Your job (if employed)?	0	0 2	0 3	4	0 5	6	job 🗹 🗗
22. Not having a job (if unemployed, retired, or disabled)?	0 1	2	3	4	5	6	nojob 🗹 🕼
23. Your education?	0	0 2	0 3	4	5	6	education 🗹 🕼
24. How well you can take care of your financial needs?		2	0 3	4	5	6	finances 🗹 🕼
25. The things you do for fun?	0	0 2	0 3	4	0 5	6	fun 🗹 🕼
26. Your chances for a happy future?	1	2	0 3	4	5	6	future 🗹 🕼
27. Your peace of mind?	1 0	0 2	0 3	4	5	6	mind 🗹 🕼
28. Your faith in God?	0 1	0 2	0 3	0 4	5	6	god 🗹 🕼
29. Your achievement of personal goals?	1	0 2	0 3	0 4	5	6	goals 🗹 🕼

30. Your happiness in general?	0 1	0 2	0 3	4	0 5	6	happinessgen 🗹 🗗
31. Your life in general?	0	2	0 3	0 4	5	6	general 🗹 🕼
32. Your persona appearance?	1 O	2	0 3	0 4	5	6	appearance 🗹 🕼
33. Yourself in general?	0 1	2	3	4	5	6	yourself 🗹 🗗

<u>PART 2.</u> For each of the following, please choose the answer that best describes how <u>important</u> that area of your life is to you. Please mark your answers by clicking in the appropriate column. There are no right or wrong answers.

How important	to you is 768						
	1 = very unimportant	2 = moderately unimportant	3 = slightly unimportant	slightly	5 = moderately important	6 =	very important
1. Your health?	0	2	0 3	0 4	0 5	6	imphealth 🗹 🖟
2. Your health care?	0 1	0 2	0 3	0 4	5	0 6	imphealthcare 🗹 🕼
3. Having no pain?	0 1	0 2	0 3	0 4	5	6	impnopain 🗹 🕼
4. Having enough energy for everyday activities?	0 1	2	0 3	0 4	5	6	impenergy 🗹 🕼
5. Taking care of yourself without help?	0	0 2	0 3	0 4	5	6	impcare 🗹 🖟
6. Having control over your life?	0 1	0 2	0 3	0 4	5	6	impcontrol 🗹 🗗
7. Living as long as you would like?	0	2	0 3	0 4	5	6	impliving 🗹 🕼
8. Your family's health?	0 1	2	0 3	4	5	0 6	imphealthfam 🗹 🕼
9. Your children?	0	0 2	0 3	0 4	5	6	impchildren 🗹 🕼
10. Your family's happiness?	0 1	0 2	0 3	0 4	0 5	0 6	imphappiness 🗹 🖟
11. Your sex life?	0	2	0 3	0 4	5	6	impsexlife 🗹 🕼
12. Your spouse, lover, or partner?	0 1	2	0 3	0 4	5	0 6	impspouse 🗹 🖟
13. Your friends?	0 1	0 2	0 3	0 4	0 5	6	impfriends 🗹 🖟

14. The emotional support you get in the support you get in								
emotional 1 2 3 4 5 6 impresponse 2 1 2 3 3 4 5 6 impresponse 2 1 2 3 3 4 5 6 impresponse 2 1 2 3 3 4 5 6 impresponse 2 1 2 3 3 4 5 6 impresponse 2 1 2 3 3 4 5 6 impresponse 2 1 2 3 3 4 5 6 impresponse 2 1 2 3 3 4 5 6 impresponse 2 1 2 3 3 4 5 6 impresponse 2 1 2 3 3 4 5 6 impresponse 2 1 2 3 3 4 5 6 impresponse 2 1 2 3 3 4 5 6 impresponse 2 1 2 3 3 4 5 6 impresponse 2 1 2 3 3 4 5 6 impresponse 2 1 2 3 3 4 5 6 impresponse 2 1 2 3 3 4 5 6 impresponse 2 1 2 3 3 4 5 6 impresponse 2 1 2 3 3 4 5 6 impresponse 2 1 2 3 3 4 5 6 impresponse 2 1 3 3 4 6 5 6 impresponse 2 1 1 2 2 3 3 4 6 5 6 im	emotional support you ge from your	1						impsupport 🗹 💭
of family 1 2 3 4 5 6 responsibilities? 1 2 3 4 5 6 17. Being out others? 1 2 3 4 5 6 important 18. Having to others? 1 2 3 4 5 6 important 1 19. Your others? 1 2 3 4 5 6 important 6 important 6 important 19. Your others? 1 2 3 4 5 6 important 6 important <td>emotional support you ge from people other than your</td> <td>1 t</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>impsupportother 🖄 🕼</td>	emotional support you ge from people other than your	1 t						impsupportother 🖄 🕼
unimportant unimportant slighty important moderately important moderately important 17. Being useful to others? 1 2 3 4 5 6 important important 18. Having o vorries? 1 2 3 4 5 6 important <	of family	1						impresponse 🗹 🖟
useful to others?12345618. Having no vorries?23456impworries?119. Your neighborhood?23456impworries?119. Your neighborhood?23456impworries?120. Your home, place where you live?23456impworries?121. Your job (if unemployed)?23456impioe?122. Having a job (if unemployed)?23456impioe?123. Your disabeld?23456impioe?124. Being able to take care of uneeds?23456impieucation?125. Doing things for fun?23456impieucation?126. Having a happy future?23456impieucatio?127. Peace of in God?23456impieucatio?129. Achieving uneeds?23456impieucatio?120. 3456impieucatio?111111120. 3456impieucatio?111111111111111111 <td< td=""><td></td><td></td><td>moderately</td><td>unimportant</td><td>slightly</td><td>moderately</td><td>6 =</td><td>very important</td></td<>			moderately	unimportant	slightly	moderately	6 =	very important
worries? 1 2 3 4 5 6 19. Your neighborhood? 2 3 4 5 6 impneighbor (*) 1 20. Your home, or partment, or 1 2 3 4 5 6 impneighbor (*) 1 20. Your home, or 1 2 3 4 5 6 impnee (*) 1 20. Your job (if 0 2 3 4 5 6 implee (*) 1 21. Your job (if 0 2 3 4 5 6 implee (*) 1 22. Having a 1 2 3 4 5 6 implee (*) 1 23. Your or 1 2 3 4 5 6 implee (*) 1 24. Being able (?) 2 3 4 5 6 implee (*) 1 25. Doing 1 2 3 4 5 6 implee (*) 1 26. Having a 1 2 3 4 5 6 implee (*) 1 26. Having a 1 2 3 <td>useful to</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>6</td> <td>impuseful 🗹 🕼</td>	useful to						6	impuseful 🗹 🕼
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apartment, or place where you live?2345621. Your job (if 0 employed)?23456impiob 🖉 022. Having a job (if unemployed, retired, or disabled)?23456imphavejob 🖉 023. Your education?123456impeducation \mathcal{C} 024. Being able d)?23456impeducation \mathcal{C} 024. Being able d)?23456impeducation \mathcal{C} 025. Doing things for fun?23456impeducation \mathcal{C} 026. Having a needs?23456impeducation \mathcal{C} 027. Peace of nind?23456impeduce 028. Your faith in God?23456impeduce 029. Achieving our personal23456impeduce 029. Achieving our personal23456impeduce 029. Achieving our personal23456impeduce 029. Achieving our personal23456impeduce 020. As a3456impeduce 0120. As a3456impeduce 0120. As a3456impeduce 0120. As a34		-						impneighbor 🗹 🕼
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job (if unemployed, retired, or disabled)?12345623. Your education?123456impeducation 🖉 🖉24. Being able to take care of your financial needs?023456impeducation 🖉 🖉25. Doing things for fun?23456impfinances 🖓 🖉26. Having a happy future?00006impfun 🖉 🖉26. Having a happy future?0006imphappy 🖓 🖉27. Peace of mind?023456impmind 🖓 层28. Your faith in God?00006impod 🖓 厚29. Achieving your personal00006impod 🖓 厚29. Achieving your personal000000020. Achieving your personal0000000029. Achieving your personal000 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>impjob 🗹 🕼</td>								impjob 🗹 🕼
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happy future?12345627. Peace of mind?123456impmind ?128. Your faith in God?23456impgod ?129. Achieving your personal23456impgod ?1				0 3		5		impfun 🗹 🕼
mind? 1 2 3 4 5 6 28. Your faith in God? 1 2 3 4 5 6 impgod 🗹 🖵 29. Achieving your personal 0 0 0 0 6 impgod 🗹 🖵	26. Having a happy future?		2	0 3	4	5		imphappy 🗹 🖟
in God? 1 2 3 4 5 6 29. Achieving 0 0 0 0 impgoals 2 4 your personal 1 2 3 4 5 6								impmind 🗹 🕼
your personal ¹ ² ³ ⁴ ⁵ ⁶			2					impgod 🗹 🕼
	your personal							impgoals 🗹 🖟

30. Your happiness in general?	0	0 2	0 3	4	5	💿 imphappinessgen 🗹 🕼 6
31. Being satisfied with life?	0	0 2	0 3	0 4	5	o implife 🗹 🖟 6
32. Your personal appearance?	0 1	2	3	0 4	5	💿 impappearance 🗹 🖟 6
33. Are you to yourself?	1	2	3	4	5	o impyourself 🗹 🖟 6



48 Form "Pittsburgh Sleep Quality Index (PSQI)"

Pittsburgh Sleep Quality Index (PSQI)

when have you usally gone to bed at night? in::::::::::::::::::::::::::::::::::::	Pittsburgh Sleep Qu Sleep habits during		1390					
How rong (in minutes) las it usually in the set of it lake you is full alsep each main it lake you is full alsep each main it may not of a truit alsep at it month. how often have you had trouble stepping because you: intermining the main it month is in the month of th	ersep habits during	When have you us		h :	hh:mm min			bedtime 🗹 🕻
When have you usanity gotten up in: the morning' Usavit gitting up time: how many hours of actual sleep id you get at inght?		How long (in minu	utes) has it usu		tes			fallasleep 🗹 🖞
During the past month, how often have you had trouble sleeping because you: not during the past month, how often have you had trouble sleeping because you: Cannot get to sleep within 30 minutes month intes		When have you us	sually gotten up	in h:	hh:mm min			getup 🗹 🖞
During the past month less than once or to twice three or more times a week week a week week we			of actual sleep (did h	ours			sleepnight 🗹 🖞
past month a week a week a week a week week Connot get to sleep within 30 0 0 1 0 2 0 3 sleep30 @] Wake up in the middle of the night or early moming 0 0 1 0 2 0 3 sleep30 @] 0 Have to get up to use the bathroom 0 0 1 0 2 0 3 beender @] Cough or sonce loudly 0 0 1 0 2 0 3 beender @] Feel too hot 0 0 1 0 2 0 3 decard @] Had bad dreams 0 0 1 0 2 0 3 decard @] Other yes 1 0 0 1 0 2 0 3 decard @] During the past on to during the past month or more times at week 1 on or or times at week 2 other @] other @] other @] During the past month 0 1 0 2 0 steestaweed @]	During the past mo	nth, how often have	e you had troub	le sleeping becau	se you:			
Cannot get to sleep within 30 0 0 1 0 3 sleep30 @ P Wake up in the middle of the night or early morning 0 1 0 3 sleep30 @ P Have to get up to use the bathroom 0 0 1 0 2 3 between @ P Coupt or snore loudly 0 0 1 0 2 0 3 between @ P Feel too cold 0 0 1 0 2 0 3 cears @ P Have pain 0 0 0 1 0 2 0 3 determs @ P Have pain 0 0 0 1 0 2 0 3 determs @ P Please describe:								r more times a
Wake up in the middle of the night 0 1 2 3 wakeup @ Have to get up to use the bathroom 0 1 2 3 bathroom @ Cannot breathe comfortably 0 1 2 3 bathroom @ Cannot breathe comfortably 0 1 2 3 coad @ 1 Caugh or snore loudly 0 1 2 3 coad @ 1 2 3 coad @ 1 Had bad dreams 0 0 1 0 2 0 3 bathroom @ 1 0 2 0 3 coad @ 1 0 2 0 3 bathroom @ 1 0 1 0 0 0 1 0 0 1 0 0 0 0 1 0 0 0 0 0 0 0 0 0 <t< td=""><td></td><td></td><td>p within 30</td><td>·</td><td></td><td></td><td></td><td>sleep30 🗹 🕼</td></t<>			p within 30	·				sleep30 🗹 🕼
Cannot breathe comfortably 0 0 1 0 2 0 3 breathe of Cough or snore loudly 0 0 0 1 0 2 0 3 cough of Feel too cold 0 0 1 0 2 0 3 cough of Had bad dreams 0 0 0 1 0 2 0 3 dreams of Have pain 0 0 0 1 0 2 0 3 dreams of Have pain 0 0 0 1 0 2 0 3 dreams of Have pain 0 0 0 1 0 2 0 3 dreams of Have pain 0 0 0 1 0 2 0 3 dreams of Have pain 0 0 0 1 0 2 0 3 dreams of Have pain 0 0 0 1 0 2 0 3 pain of Please describe: Please describe: Please 0 0 0 1 0 2 0 3 pain of past 0 less than once a week 1 month? 0 once or twice a week 2 0 there or more times a week 3 separative of veeral? During the past month 0 less than once once or twice a three or more times a week 2 or the or more times a week 2 0 there or more times a week 1 month? 1 o help you sleep? How often have you taken medicine (prescribe or 0 0 1 0 1 0 2 0 3 medice of veer the counter?) to help you sleep? How often have you taken medicine (prescribe or 0 0 1 0 2 0 3 medice of o only a very slight problem 1 o only a very slight problem 1 o not during the past month o 2 0 3 trouble of o only a very slight problem 1 o only a very slight problem 1 o a very big problem 3 o partner / noommate or bed partner, ask him/her how often in the past month you have had not during the less than once once or twice three or more times a veek veek veek veek veek veek veek ve		Wake up in the mi	iddle of the nigl	ht 🖸 o	O 1	O 2	03	wakeup 🗹 🕼
Cough or snore loudly 0 1 0 2 0 3 cough @ Feel too cold 0 1 0 2 0 3 tot @ 1 Had bad dreams 0 0 1 0 2 0 3 tot @ 1 Have pain 0 0 1 0 2 0 3 tot @ 1 0 1 0 2 0 3 tot @ 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 0 1 0 1		Have to get up to	use the bathroo	om o o	0 1	O 2	О з	bathroom 🗹 🛛
Feel too cold 0 1 0 2 0 3 roth Clip Clip Clip Clip Clip Clip Clip Clip					O 1	O 2	0 3	breathe 🗹 🗗
Feel too hot 0 0 1 2 0 3 determs Have pain 0 0 0 1 0 2 0 3 determs 0 Other reason(s): • yes 1 • no 0 • ont during the past month 0 past • lease than once a week 1 • other © 1 • other © 1 During the past nonth, how would you rate your steep quality vourals the past month • very good 0 • fairly good 1 • fairly bad 2 • very bad 3 • steepoultry © Twing the past month not during the past month less than once or twice a three or more times a week 2 • other © 1 • other © 1 Twing the past month not during the past month less than once or coco or twice a three or more times a week • other © 1 Tow often have you taken medicine (prescribe or lover the counter) to help you sleep? • 0 • 1 • 2 • 3 medicine © 1 Tow often have you had trouble staying awake while on on problem at all 0 • 0 • 1 • 2 • 3 medicine © 1 Output peast indep of a • op orbbiem 1 • on problem 3 • op partner in same non, but not same bed 3 • op atther in same non, but not same bed 3 • partner in same non, but not same bed 3 <td< td=""><td></td><td>Cough or snore lo</td><td>udly</td><td>0 0</td><td>0 1</td><td>O 2</td><td>0 3</td><td>cough 🗹 🗗</td></td<>		Cough or snore lo	udly	0 0	0 1	O 2	0 3	cough 🗹 🗗
Had bad dreams 0		Feel too cold		0 0	O 1	O 2	0 3	cold 🗹 🕼
Have pain 0 0 1 0 2 0 3 pain (*) Other reason(s): Please describe: 0 1 0 2 0 3 pain (*) 0 other (*) During past ouring the past month? 0 not during the past month o once or twice a week 1 0 other (*) 0 other (*) 0		Feel too hot		0 0	0 1	O 2	0 3	hot 🗹 🕼
Other meason(s): • yes 1 • no 0 • other fig. Please describe: • person(s): Please describe: • other fig. During past nonth • not during the past nonth 0 • other or times a week 1 • other or times a week 1 During the past nonth / how yould you rate room rate past month / how orden have you taken medicine (prescribe or or or or time a meak or error times a week a week • order times or more times a week a week ow often have you taken medicine (prescribe or or or or the past month / help you sleep? • on or poblem at all 0 • on problem 1 • on problem 1 • on problem 1 • on problem 3 • on problem 1 • on partner in same toom, but not same bed 3 • partner in same toom, but not same bed 3 • partner in same toom, but not same bed 3 • partner in same toom, but not same bed 3 • partner in same toom, but not same bed 3 • partner in same toom, but not same bed 3 • partner in same toom, but not same bed 3 • partner in same toom, but not same bed 3 • partner in same torm, but not same bed 3 • partner in same torm but not same bed 3 • partner in same torm, but not same bed 3 • partner in same torm, but not same bed 3 • partner in same torm, but not same bed 3 • partner in same torm, but not same bed 3 • partner in same torm, but not same bed 3 • partner in same torm, but not same bed 3 • partneri in same bed 4		Had bad dreams		0 0	0 1	O 2	0 3	dreams 🗹 🕼
reason(s): Please describe: During past north, how vould you rate our steep quality verall? the past north, how vould you rate our steep quality verall? the past month not during the past month past month past month not during the past month not during the past month not during the past month past month not during the past month not dur		Have pain		0 0	O 1	O 2	0 3	pain 🗹 🕼
describe: During past on to during the past month 0 past on to during the past month 0 once a week 1 month? once or twice a week 2 othreree @ 1 During the past month now yould you rate noot during the past month now gee quality werall? very good 0 fairly good 1 fairly bad 2 very bad 3 sleepquality since a week 2 othreree or more times a week 3 tow often have you taken medicine (prescribe or over the counter) to help you sleep? on to during the past month not droug a wey slight problem 1 on problem at all 0 on problem at all 0 on problem at all 0 on problem 3 enthusiasm @ roommate ? Ouring the past month on bed partner or roommate 1 or partner / roommate in other room 2 opartner in same room, but not same bed 3 opartner in same room, but not same bed 3 opartner in same room, but not same bed 3 opartner in same room, but not same bed 3 opartner in same room but not same bed 3 opartner in same bed 4 not during the less than once once or nor wice three or more times a week a week in the past month you have had			○ yes 1 ○ no o	D				otherb 🗹
past month? • less than once a week 1 once or twice a week 2 • three or more times a week 3 During the past nonth, how vould you rate our sleep quality verall? • very good 0 ° fairly good 1 ° fairly bad 2 ° very bad 3 sleepquality ° ivers quality verall? ivers quality verall? not during the past month less than once a week once or twice a three or more times a week week sleepquality ° two often have you taken medicine (prescribe or over the counter") to help you sleep? 0 1 2 3 medicine 🖬 two often have you had trouble staying awake while onoth, how nuch of a roother has it eeen up enough enthusiasm to get hings done? on problem at all 0 only a very slight problem 1 osomewhat of a problem 2 o a very big problem 3 1 2 3 trouble 📽 biege behaviour: bo you have a eed partner or oommate? on bed partner or roommate 1 opartner in same bed 4 reommate or bed partner, ask him/her how often in the past month you have had reommate or bed partner, ask him/her how often in the past month you have had Loud snoring 0 0 1 2 3 sorting								other 🗹 🛛
nonth, how vould you rate over lies quality overall? not during the past month less than once a week once or twice a three or more times a we week tow often have you taken medicine (prescribe or over the counter") to help you sleep? 0 1 0 2 0 3 medicine 🖬 tow often have you taken medicine (prescribe or over the counter") to help you sleep? 0 0 1 0 2 0 3 medicine 🖬 tow often have you had trouble staying awake while 0 0 1 0 2 0 3 trouble 📽 🖬 tow often have you had trouble staying awake while 0 0 1 0 2 0 3 trouble 📽 🖬 tow often have you had trouble staying awake while 0 0 1 0 2 0 3 trouble 📽 🖆 tow often have you had trouble staying awake while 0 0 1 0 2 0 3 trouble 🖆 1 tow often have you had trouble staying awake while 0 0 1 0 2 0 3 trouble 🖆 outring the past on problem at all 0 on problem 1 ont			5	o not during the	past month o			otherrea 🗹 🛛
past month a week week How often have you taken medicine (prescribe or lover the counter") to help you sleep? 0 0 1 0 2 0 3 medicine [] 1 How often have you had trouble staying awake while 0 0 1 0 2 0 3 trouble [] 1 0 2 0 3 trouble [] 1 0 1 0 2 0 3 trouble [] 1 0 1 0 2 0 3 trouble [] 1 0 1 0 2 0 3 trouble [] 1 0 1 0 2 0 3 trouble [] 1 0			month?	 once or twice a 	week 2			
"over the counter") to help you sleep? How often have you had trouble staying awake while O O 0 1 0 2 0 3 trouble III IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	month, how would you rate your sleep quality	○ very good o ○ f	month?	 once or twice a three or more t 	week 2 imes a week 3			sleepquality 🗹
driving, eating meals, or engaging in social activity? a constraint of a problem at all 0 constraint of a problem 1 constraint of a problem 3 constraint of a problem 3 constraint of a problem 3 constraint of a problem 4 for a partner or normate or bed partner, ask him/her how often in the past month you have had past month a week a week a week a week a week a week	month, how would you rate your sleep quality overall?		month? airly good 1 • 1	 once or twice a three or more t fairly bad 2 ver ver not during the 	week 2 imes a week 3 y bad 3 less than once o		nree or m	
nonth, how nuch of a problem has it been for you to seen for yo	nonth, how would you rate your sleep quality overall? wuring the past mor How often have you	nth I taken medicine (pi	month? airly good 1 • 1 r F	 once or twice a three or more t fairly bad 2 ver not during the past month 	week 2 imes a week 3 y bad 3 less than once of a week y	veek		ore times a we
Oby you have a bed partner / roommate in other room 2 Op partner or oommate? Op partner in same room, but not same bed 3 Op partner in same room, but not same bed 3 Op partner in same bed 4 If you have a roommate or bed partner, ask him/her how often in the past month you have had not during the past month Loud snoring O 0 O 0 O 1 O 2 O 3	nonth, how would you rate your sleep quality overall? huring the past mor dow often have you 'over the counter") how often have you	nth i taken medicine (pi to help you sleep? i had trouble staying ls, or engaging in s	month? airly good 1 • 1 r rescribe or g awake while ocial activity?	 once or twice a three or more t fairly bad 2 ver not during the past month 0 	week 2 imes a week 3 y bad 3 less than once of a week y 0 1	veek	0 3	ore times a we medicine 연 (trouble 연 ()
not during the past month less than once or twice week three or more times a week Loud snoring 0 0 0 1 0 2 0 3 snoring 🗹 🖓	nonth, how would you rate your sleep quality overall? how often have you 'over the counter") dow often have you driving, eating mea During the past nonth, how nuch of a problem has it peen for you to keep up enough enthusiasm to get	ath a taken medicine (pr to help you sleep? a had trouble staying ls, or engaging in s on problem at a only a very sligt somewhat of a p a very big probl	month? airly good 1 • 1 rescribe or g awake while ocial activity? II 0 nt problem 1 oroblem 2 em 3	 once or twice a three or more t fairly bad 2 ver not during the past month 0 	week 2 imes a week 3 y bad 3 less than once of a week y 0 1	veek	0 3	ore times a we medicine 연 (trouble 연 () enthusiasm 연
Loud snoring	month, how would you rate your sleep quality overall? During the past mor "How often have you 'over the counter") How often have you driving, eating mea During the past month, how much of a problem has it been for you to keep up enough enthusiasm to get things done? Sleep behaviour: Do you have a bed partner or	ath a taken medicine (pr to help you sleep? a had trouble staying s, or engaging in s o no problem at a only a very sligl somewhat of a p a very big probl o no bed partner o partner / roomn o partner in same	month? airly good 1 O 1 rescribe or g awake while ocial activity? II 0 nt problem 1 problem 2 em 3 or roommate 1 nate in other roo room, but not	 once or twice a three or more t fairly bad 2 over ver ot during the ast month 0 0 0 	week 2 imes a week 3 y bad 3 less than once of a week y 0 1	veek	0 3	ore times a we medicine 연 (trouble 연 (enthusiasm 연
	month, how would you rate your sleep quality overall? During the past mor "How often have you 'over the counter") How often have you driving, eating mea During the past month, how much of a problem has it been for you to keep up enough enthusiasm to get things done? Sleep behaviour: Do you have a bed partner or	ath a taken medicine (pr to help you sleep? a had trouble staying s, or engaging in si on problem at a only a very sligl somewhat of a p a very big probl on bed partner of partner / roomn partner in same o partner in same	month? airly good 1 • 1 rescribe or g awake while ocial activity? II 0 nt problem 1 problem 2 em 3 or roommate 1 nate in other roo room, but not s bed 4	 once or twice a three or more t fairly bad 2 ver ver ot during the past month 0 0 0 o 	week 2 imes a week 3 y bad 3 less than once of a week y 0 1 0 1 0 1 er how often in the er how often in the	veek 2 2 0 2 2 0 2 0 2 0 0 2 0 0 0 2 0 0 2 0 0 2 0 0 2 0 0 2	a have have	ore times a we medicine 연 (trouble 연 (enthusiasm 연 roommate 연
	month, how would you rate your sleep quality overall? During the past mor "How often have you 'over the counter") How often have you driving, eating mea During the past month, how much of a problem has it been for you to keep up enough enthusiasm to get things done? Sleep behaviour: Do you have a bed partner or	 taken medicine (prito help you sleep?) had trouble staying is, or engaging in sion problem at a only a very sligit somewhat of a point of a very big problem. no bed partner of partner of partner in same partner in same If you have a room 	month? airly good 1 • 1 rescribe or g awake while ocial activity? II 0 nt problem 1 problem 2 em 3 or roommate 1 nate in other roo room, but not s bed 4	 once or twice a three or more t fairly bad 2 ver ver ot during the past month o <lio< li=""> o <lio< li=""> o <lio< <="" td=""><td>week 2 imes a week 3 y bad 3 less than once of a week y 0 1 0 1 0 1 er how often in the er how often in the eless than once a second that has been been been been been been been bee</td><td>veek 2 2 0 2 2 0 2 0 2 0 2 0 0 2 0 2</td><td>a have have three o week</td><td>medicine 🗹 🕼 trouble 🗹 🕼 enthusiasm 🗹 roommate 🗹 d r more times a</td></lio<></lio<></lio<>	week 2 imes a week 3 y bad 3 less than once of a week y 0 1 0 1 0 1 er how often in the er how often in the eless than once a second that has been been been been been been been bee	veek 2 2 0 2 2 0 2 0 2 0 2 0 0 2 0 2	a have have three o week	medicine 🗹 🕼 trouble 🗹 🕼 enthusiasm 🗹 roommate 🗹 d r more times a
	How often have you "over the counter") How often have you	ath a taken medicine (pr to help you sleep? a had trouble staying s, or engaging in si o no problem at a only a very sligl somewhat of a p a very big probl o no bed partner of partner / roomn partner in same If you have a rood Loud snoring	month? airly good 1 • 1 rescribe or g awake while ocial activity? II 0 nt problem 1 problem 2 em 3 or roommate 1 nate in other roo room, but not 1 bed 4 mmate or bed p	 once or twice a three or more t fairly bad 2 over ver tot during the past month 0 0 0 0 o 	week 2 imes a week 3 y bad 3 less than once of a week y 0 1 0 1 0 1 er how often in the er how often in the eless than once a second that has been been been been been been been bee	veek 2 2 0 2 2 0 2 0 2 0 2 0 0 2 0 2	a have have three o week	ore times a we medicine 앱 (trouble 앱 () enthusiasm 앱 roommate 앱 d r more times a



Legs twitching or jerking sleep	while you 💿 🛛	0 ₁	O 2	O 3 legs 🗹 🗗
Episodes of disorientation confusion during sleep	or o ₀	0 1	O 2	O 3 confusion 🗹 🕼
Other restlessness while you sleep?	○ yes 1 ○ no 0			otherrestlessb 🗹 🖟
	Please describe:			otherrestless 🗹 🖟
	During past month?	 not during the pa less than once a once or twice a v three or more tin 	week 1 veek 2	otherrest 🗹 🕼
Scoring 4427				
Global PSQI Score:				psqiscore 🕼
1. Subjective 2. Sleep latency 3. Sleep d sleep quality	luration 4. Habitual s efficiency	leep 5. Sleep disturbances	6. Use o medicat	of sleeping 7. Daytime ion dysfunction
subsleepquality 🕼 sleeplatency 🕼 sleepd	uration 🕼 📃 sleepefficie	ncy 🕼 📃 sleepdisturba	nces 🕼 📃 slee	pmedication 🕼 🗾 daytimedys 🕼



49 Form "Baltimore Apathy Scale - Subject Version (Apathy-s)"

General 4747 acjcdtc 🗹 🕼 Date data [7] (format "dd.mm.yyyy") obtained: apathysscore 🗹 🕼 Score: Baltimore Apathy Scale 4749 not at slightly some a lot all 🔘 3 learning 🗹 🗗 Are you interested in learning new things? 0 0 0 1 0 2 🔘 ₃ interest 🗹 🗗 0 2 Does anything interest you? 0 0 0 1 🔾 3 todo 🗹 🗗 0 0 Does someone have to tell you what to do 0 1 0 2 each day? 🔘 ₃ condition 🗹 🗗 0 0 0 1 Are you concerned about your condition? 0 2 indifferent 🗹 🕼 Are you indifferent to things? 0 0 0 1 0 2 0 3 🔘 3 effort 🗹 🗗 0 0 0 2 Do you put much effort into things? 0 1 🔘 3 something 🗹 🗗 Are you always looking for something to do? \circ 0 0 1 0 2 🔘 3 future 🗹 🗗 Do you have plans and goals for the future? \circ 0 0 2 0 1 🔾 _3 motivation 🗹 🗗 Do you have motivation? 0 0 0 1 0 2 🔘 3 energy 🗹 🗗 0 1 Do you have energy for daily activities? 0 0 0 2 🔾 ₃ unconcern 🗹 🗗 0 2 Are you unconcerned with many things? 0 0 0 1 🔘 3 push 🗹 🗗 Do you need a push to get started on 0 2 0 0 0 1 things? 🔾 ₃ between 🗹 🗗 0 0 0 2 Do you feel neither happy nor sad, just in 0 1 between, no matter what happens? 🔘 ₃ apathetic 🗹 🗗 Do you think you are apathetic? 0 0 0 1 0 2

Baltimore Apathy Scale - Subject Version



50 Form "Baltimore Apathy Scale - Companion Version (Apathy-c)"

General 4727 acjcdtc 🗹 🕼 Date data [7] (format "dd.mm.yyyy") obtained: apathycscore 🗹 🕼 Score: Baltimore Apathy Scale 4729 not at slightly some a lot all 🔿 3 learning 🗹 🗗 Is he/she interested in learning new things? 0 1 0 2 🔘 ₃ interest 🗹 🗗 0 0 0 2 Does anything interest him/her? 0 1 🔿 3 todo 🗹 🗗 Does someone have to tell him/her what to 0 0 0 1 0 2 do each day? 🔘 ₃ condition 🗹 🗗 0 0 0 1 0 2 Is he/she concerned about his/her condition? indifferent 🗹 🕼 0 2 Is he/she indifferent to things? 0 0 0 1 0 3 🔘 ₃ effort 🗹 🗗 Does he/she put much effort into things? 0 2 0 0 0 1 🔾 ₃ something 🗹 🗗 Is he/she always looking for something to 0 0 0 1 0 2 do? future 🗹 🗗 Does he/she have plans and goals for the 0 0 0 1 0 2 03 future? 🔾 ₃ motivation 🗹 🗗 0 2 Does he/she have motivation? 0 0 0 1 🔘 ₃ energy 🗹 🗗 Does he/she have energy for daily 0 0 0 1 0 2 activities? 🔘 ₃ unconcern 🗹 🗗 0 0 0 1 Is he/she unconcerned with many things? 0 2 0 0 0 1 0 2 🔘 3 🛛 push 🗹 🗗 Does he/she need a push to get started on things? 🔾 3 between 🗹 🗗 Is he/she neither happy nor sad, just in 0 0 0 1 0 2 between, no matter what happens? 🔘 ₃ apathetic 🗹 🗗 Would you consider him/her to be 0 0 0 1 0 2 apathetic?

Baltimore Apathy Scale - Companion Version

51 Form "Baltimore Irritability Scale - Subject Version (Irritability-s)

General 4767 Date data	nt "r	ld n	nm v	~~~~	")		irtypdtc 🗹 🗗
obtained:				, , , , , , , ,)		
Score:							irtysscore 🗹 🗗
Chatterjee Irritability Evaluation Scale 4770							
	not all	at	slig	htly	some	a lo	t
Are you easily irritated	0	0	0	1	2	0 3	irritation 🗹 🗗
Do you pout if things don't go your way	0	0	0	1	0 2	0 3	pout 🗹 🗗
Do you have good control of your temper with the family (or persons living with you)	0	0	0	1	2	0 3	temperfamily 🗹 🗗
Do little things cause you to fly off the handle	0	0	0	1	0 2	0 3	flyoff 🗹 🗗
Do you adjust well to a change in plans	0	0	0	1	0 2	0 3	adjusting 🗹 🕼
When you lose your temper, do you have a hard time calming down again	0	0	0	1	0 2	0 3	calmdown 🗹 🕼
Do you insist on having your own way	0	0	0	1	0 2	0 3	insistence 🗹 🕼
Are you easily agitated by minor problems	0	0	0	1	0 2	0 3	agitation 🗹 🕼
Can you discuss problems together and agree to a reasonable solution	0	0	0	1	2	0 3	discussion 🗹 🗗
Do disagreements often lead to arguments	0	0	0	1	0 2	0 3	disagreement 🗹 🕼
Can you appreciate a different point of view from your own	0	0	0	1	2	0 3	appreciation 🗹 🕼
Do you yell a lot	0	0	0	1	0 2	0 3	yell 🗹 🗗
Are you able to control your temper with persons outside the family	0	0	0	1	2	0 3	temper 🗹 🗗
Do you consider yourself to be irritable	0	0	0	1	0 2	О З	irritability 🗹 🕼

Baltimore Irritability Scale - Subject Version



52 Form "Baltimore Irritability Scale - Companion Version (Irritability-c)"

General 4788									
Date data	(for	mat	"dd.	mm	.yyyy'	')			irtycdtc 🗹 🕼
Score:									irtycscore 🗹 🕼
Chatterjee Irritability Evaluation Scale - Co	mpa	anio	n Vei	rsion	4791				
	not all	: at	slig	htly	son	ne	a lo	ot	
Is he/she easily irritated	0	0	0	1	0	2	0	3	irritation 🗹 🕼
Does he/she pout if things don't go his/her way	0	0	0	1	0	2	0	3	pout 🗹 🗗
Does he/she have good control of his/her temper with the family (or persons living with him)	0	0	0	1	0	2	0	3	temperfamily 🗹 🕼
Do little things cause him/her to fly off the handle	0	0	0	1	0	2	0	3	flyoff 🗹 🛑
Does he/she adjust well to a change in plans	0	0	0	1	0	2	0	3	adjusting 🗹 🕼
When he/she loses his/her temper, does he/she have a hard time calming down again	0	0	0	1	0	2	0	3	calmdown 🗹 🕼
Does he/she insist of having his/her own way	0	0	0	1	0	2	0	3	insistence 🗹 🗗
Is he/she easily agitated by minor problems	0	0	0	1	0	2	0	3	agitation 🗹 🕼
Can you discuss problems together and agree to a reasonable solution	0	0	0	1	0	2	0	3	discussion 🗹 🗗
Do disagreements often lead to arguments	0	0	0	1	0	2	0	3	disagreement 🗹 🕼
Can he/she appreciate a different point of view from his/hers	0	0	0	1	0	2	0	3	appreciation 🗹 🗗
Does he/she yell a lot	0	0	0	1	0	2	0	3	yell 🗹 🕼
Is he/she able to control his/her temper with persons outside the family	0	0	0	1	0	2	0	3	temper 🗹 🕼
Do you consider him/her to be irritable	0	0	0	1	0	2	0	3	irritability 🗹 🕼

Baltimore Irritability Scale - Companion Version



53 Form "Physical Activities Review (Physical Activities)"

eens ctivities:	○ yes 1 ☉	no o					rteens 🗹
curreco.	Teens						
		Daily	Weekly	Weekly	Monthly	Monthly	Never
	Vigorous activity	rtvdmin 🗹 🕼 min	rtvwfq 🗹 🕼	rtvwmin 🗹 🕼 min	rtvmfq 🗹 🕼	rtvmmin 🗹 🕼 min	never
	Moderate activity	rtmdmin 🗹 🕼 min	rtmwfq 🖄 🕼	rtmwmin 🗹 🕼 min	, rtmmfq 密 @	rtmmmin 🗹 🕼 min	
	Light activity	ntldmin 🗹 🕼	rtlwfq 🗹 🕼	ntiwmin 🗹 🕼	rtImfq 🗹 🕼	ntimmin 🗹 🕼	never
	Total teer	score:					1 rtscore 🗹
)'s tivities:	○ yes 1 ⓒ	no 0					rtwent 🗹
	20's						
		Daily	Weekly	Weekly	Monthly	Monthly	Never
	Vigorous activity	r2vdmin 🗹 🕼 min	r2vwfq 🗹 🕼 freq	r2vwmin 🗹 🕼 min	r2vmfq 🗹 🕼	r2vmmin 🗹 🕼	□ r2vn 🗹 never 1
	Moderate activity	r2mdmin 🗹 🕼 min	r2mwfq 🗹 🕼	r2mwmin 🗹 🕼 min	r2mmfq 🗹 🕼 freq	r2mmmin 🗹 🕼 min	never
	Light activity	r2ldmin 🗹 🕼 min	r2lwfq 🗹 🕼	r2lwmin 🗹 🕼 min	r2lmfq 🗹 🕼 freq	r2Immin 🗹 🕼 min	never
	Total 20's	score.	[r2score 🗹
)'s tivities:	• yes 1 •		I. I				rthirty 🗗
	30's						
		Daily	Weekly	Weekly	Monthly	Monthly	Never
	Vigorous activity	r3vdmin 🗹 🕼 min	r3vwfq 🗹 🕼 freq	r3vwmin 🗹 🕼 min	r3vmfq 🗹 🕼	r3vmmin 🗹 🕼 min	never
	Moderate activity	r3mdmin 🗹 🕼 min	r3mwfq 🗹 🕼 freq	r3mwmin 🗹 🕼 min	r3mmfq 🗹 🕼 freq	r3mmmin 🗹 🕼 min	never
	Light activity	r3 klmin 🗹 🕼 min	r3lwfq 🗹 🕼	r3lwmin 🗹 🕼 min	r3Imfq 🗹 🕼	r3Immin 🗹 🕼 min	never
	Total 30's	ccoro:	ſ				1 r3score 🗹
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	40's						
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	Vigorous activity	r4vdmin 🗹 🕼 min	r4vwfq 🗹 🕼 freq	r4vwmin 🗹 🕼 min	r4vmfq 🗹 🕼	r4vmmin 🗹 🕼 min	never 1
	Moderate activity	r4mdmin 🗹 🕼 min	r4mwfq 🗹 🕼 freq	r4mwmin 🗹 🕼 min	r4mmfq 🗹 🕼 freq	r4mmmin 🗹 🕼 min	never
	Light activity	r4ldmin 🗹 🕼 min	r4lwfq 🗹 🕼	r4lwmin 🗹 🕼 min	r4lmfq 🗹 🕼	r4lmmin 🗹 🕼 min	□ r4ln 🗹 (never
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TRACKHD-IDS-2015-10-R1 TRACK-HD Annotated eCRF

114/123



	Light r5kmin 🖗 activity min	freq	r5kvmin 🗹 🕼 min	r5Imfq 🗹 🕼	r5Immin 🗹 🕼 min	nerver 1
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	activity min	freq	min	freq	min	never 1
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Light		h5ldmin 🗹 🕼		h5lwfq 🗹 🕼		h5lwmin 🗹 🕼		h5lmfq 🗹 🕼		h5lmmin 🗹 🕼		h5in 🗹 🕼
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54 Form "HD Quality of Life Questionnaire (HDQ-D2) -Participant Version (HDQ-D2-p)"

HD Quality of Life Questionnaire (HDQ-D2) - Participant Version

in the past month, how often has your quality of life been affected because you	never	very rarely	infrequent	ly sometimes	often	most of the time	all the time
Had difficulty carrying things without dropping them	⊙ 1	0 2	0 3	O 4	5	6	o hdqd2p01 (
Lacked confidence with your balance	0	O 2	Ο 3	O 4	5	O 6	 hdqd2p02 (
Had difficulty walking independently) 1	0 2	03	O 4	5	0 6	hdqd2p03 (7
Had difficulty doing jobs around the house	0	O 2	о з	O 4	5	O 6	 hdqd2p04 (7
Had difficulty maintaining your weight	1	0 2	03	0 4	5	O 6	hdqd2p05 (
Had difficulty doing your hobby	0	O 2	Ο 3	° 4	5	° 6	 hdqd2p06 (
Had difficulty dressing yourself	0	0 2	03	0 4	5	O 6	o hdqd2p07 (
Felt cautious about swallowing food or drink	0	O 2	Ο 3	O 4	0	° 6	 hdqd2p08 (
Found it hard to manage eating on your own	0	0 2	0 3	0 4	0	0 6	hdqd2p09 (7
Could not operate a television	0	O 2	0 3	O 4	0	O 6	 hdqd2p10 (
Got tired easily	0	O 2	0 3	0 4	5	0 6	hdqd2p11 (7
Felt dissatisfied with your sleep	0	O 2	03	O 4	0	O 6	hdqd2p12 (/
Lacked confidence in doing more than one thing at a time	0	0 2	03	0 4	5	O 6	hdqd2p13 (7
Took too long to do things	0	O 2	03	O 4	0	0 6	 hdqd2p14 (7
Lacked confidence with expressing your thoughts with words	0	0 2	0 3	0 4	5	0 6	hdqd2p15 (7
Could not concentrate on the task at hand properly	0	0 <u>2</u>	о з	O 4	5	0 6	 hdqd2p16 (7
Found it hard to make a decision	0	0 2	0 3	0 4	<u>_</u>	0 6	hdqd2p17 (7
Had difficulty remembering day to day things	10	O 2	Ο 3	O 4	5	0 6	 hdqd2p18 (7
Found it hard to organize your day	0	0 2	0 3	O 4	្ខ	0 6	hdqd2p19 (
Could not follow a conversation properly	0	O 2	Ο 3	0 4	5	° 6	 hdqd2p20 (7
Part 1. QUALITY OF LIFE 5665	_				_		
In the past month, how often has your quality of life been affected because you	never	very rarely	infrequent	ly sometimes	often	most of the time	all the time
Could not remember what day and month it is	⊙ 1	0 2	0 3	0 4	5	0 6	o hdqd2p21 (
Worried about the impact of Huntington's on your family	0	O 2	о з	O 4	5	° 6	 hdqd2p22 (7
Worried about showing symptoms of Huntington's disease progression		0.2	0.2	0.	0	0 6	hdad2p23 f

because you		rarery				ume		
Could not remember what day and month it is	。 1	0 2	0 3	0 4	5	6	7	hdqd2p21 🗹 🕼
Worried about the impact of Huntington's on your family	1	O 2	о з	0 4	5	O 6	7	hdqd2p22 🗹 🕼
Worried about showing symptoms of Huntington's disease progression) 1	O 2	0 3	0 4	5	6	7	hdqd2p23 🗹 🕼
Found it hard to feel hopeful about the future	0	Ο 2	03	0 4	5	0 6	7	hdqd2p24 🗹 🕼
Could not easily get motivated to do things	1	0 2	03	0 4	5	0 6	7	hdqd2p25 🗹 🕼
Found it hard to get on with your life	0	° 2	Ο 3	O 4	5	O 6	7	hdqd2p26 🗹 🕼
Had problems with being independent	0 1	0 2	0 3	0 4	5	0 6	7	hdqd2p27 🗹 🕼
Did not feel confident in yourself	0	O 2	03	0 4	5	0 6	, ⊙ 7	hdqd2p28 🗹 🕼
Felt down or depressed) 1	0 2	03	0 4	5	0 6	7	hdqd2p29 🗹 🕼
Lacked confidence in fulfilling your personal wishes in life	0	O 2	Ο 3	O 4	5	O 6	7	hdqd2p30 🗹 🕼
Had problems with maintaining a meaningful role in your immediate family	1	02	0 3	04	5	0 6	7	hdqd2p31 🗹 🕼
Had financial concerns for the future	0	O 2	о з	0 4	5	O 6	7	hdqd2p32 🗹 🕼
Felt irritated easily	。 1	O 2	О з	0 4	5	0 6	7	hdqd2p33 🗹 🕼
Lost your temper easily	0	O 2	Ο 3	0 4	5	O 6	7	hdqd2p34 🗹 🕼
Did not feel keen on going out to socialize) 1	0 2	0 3	0 4	5	0 6	7	hdqd2p35 🗹 🕼
Felt conscious of people's attitude to your condition (i.e. Huntington's)	0	O 2	0 3	O 4	5	0 6	7	hdqd2p36 🗹 🕼
Had problems with getting support from your family or friends	。 1	0 2	0 3	0 4	5	0 6	7	hdqd2p37 🗹 🕼
Felt dissatisfied with local services/advice in relation to Huntington's	0	O 2	Ο 3	0 4	5	0 6	7	hdqd2p38 🗹 🗗

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Felt dissatisfied with medical management of Huntington's	。 1	0 2	0 3	0 4	5	0 6	7	hdqd2p39 🗹 🕼
Had problems with accessing information about Huntington's	0 1	° 2	03	○ 4	0 5	O 6	[⊙] 7	hdqd2p40 🗹 🕼
Part 2. ABOUT YOU 5687								
Overall, how do you rate your $$\circ$ poor 1 \circ fair 2 \circ good 3 \circ vertuality of life:$	ry good 4	o exceller	nt 5					gnrlp01 🗹 🕼
Which of the following describes I do not have a carer 1 your carer arrangement: Part-time partner/family memb Part-time professional carer 3 Full-time partner/family memb Full-time professional carer 5 Ombination of family and professional carer 5	er carer 4	carer 6						gnrip12 🗹 🕼
Scales 5707								
Physical and cognitive Emotions and self Se function (PPCF) (PES)	ervices (PS	SR)						
Primary Scales 44.44444444 scale1 🗹 🕼 53.84615384 scale2 🗹 🕼 5	0	scale3 🗹	Ø					
Cognitive (SCG) Hopes and worries Services (S (SHW)	SSR)	Physi (SPF)	cal and funct	ional Mood	l state (SMS)	Self and v	vitality (SSV)
Specific [44.44444444 scale4 쩐 🕼 80 scale5 쩐 🕼 66.666666 Scales	6€ scale6 ₽	Î 🕼 50	scale	7 🗹 🕼 40		scale8 🗹 🕻	33.33333	333 scale9 🗹 🕼
Summary scale 38.09523809 scale10 🗹 🕼								

55 Form "HD Quality of Life Questionnaire (HDQ-D2) -Companion Version (HDQ-D2-c)"

We are interested in getting your own perspective as a partner/carer: In the ast month, how often do you think the quality of life of the person living with HD has been affected because he/she	never	very rarely	infrequently	sometimes	often	most of the time	all the time
Had difficulty carrying things without dropping them	• 1	0 2	0 3	0 4	0 5	0 6	🔘 7 hdqd2c01 🗗
acked confidence with his/her balance	0 1	O 2	0 3	0 4	0 5	0 6	7 hdqd2c02 f 6 6 7 6
Had difficulty walking independently	⊙ 1	0 2	0 3	0 4	0 5	0 6	O 7 hdqd2c03
lad difficulty doing jobs around the house	0 1	O 2	0 3	0 4	0 5	0 6	⊙ 7 hdqd2c04 🗗
lad difficulty maintaining his/her weight	⊙ 1	0 2	0 3	0 4	0 5	0 6	O 7 hdqd2c05 f
lad difficulty doing his/her hobby	0 1	O 2	O 3	O 4	0 5	0 6	⊙ 7 hdqd2c06 ₫
ad difficulty dressing himself/herself	⊙ <u>1</u>	O 2	0 3	0 4	0 5	0 6	O 7 hdqd2c07
elt cautious about swallowing food or drink	0 1	0 2	0 3	0 4	0 5	0 6	7 hdqd2c08 6
ound it hard to manage eating on his/her own	⊙ <u>1</u>	O 2	0 3	0 4	0 5	0 6	O 7 hdqd2c09
Could not operate a television	0 1	O 2	0 3	0 4	0 5	0 6	⊙ 7 hdqd2c10 ₫
Got tired easily	• 1	O 2	0 3	0 4	0 5	0 6	O 7 hdqd2c11 ₫
elt dissatisfied with his/her sleep	0 1	O 2	0 3	O 4	0 5	0 6	⊙ 7 hdqd2c12 🖞
acked confidence in doing more than one thing at a time	⊙ <u>1</u>	O 2	0 3	0 4	0 5	0 6	O 7 hdqd2c13 ₫
ook too long to do things	0 1	O 2	0 3	0 4	0 5	0 6	⊚ 7 hdqd2c14 [
acked confidence with expressing his/her thoughts with words	⊙ 1	0 2	0 3	0 4	0 5	0 6	O 7 hdqd2c15 (
ould not concentrate on the task at hand properly	0 1	O 2	0 3	0 4	0 5	0 6	⊙ 7 hdqd2c16 (
ound it hard to make a decision	⊙ 1	Ο 2	0 3	0 4	0 5	0 6	O 7 hdqd2c17 (
lad difficulty remembering day to day things	0 1	0 2	0 3	0 4	0 5	0 6	
ound it hard to organize his/her day	⊙ <u>1</u>	0 2	0 3	0 4	0 5	0 6	O 7 hdqd2c19
ould not follow a conversation properly	0 1	O 2	0 3	0 4	0 5	0 6	₇ hdqd2c20 ₇
the past month, how often do you think the quality of life of the person ying with HD has been affected because he/she	never	very rarely	infrequently			most of the time	all of the time
could not remember what day and month it is	 ● 1 ● 1 	0 2 0 2	0 3 0 3	0 4 0 4	0 5	0 6 0 6	 7 hdqd2c21 [7 hdqd2c22 [
Vorried about the impact of Huntington's on his/her family Vorried about showing symptoms of Huntington's disease progression	○ 1 ○ 1	0 2 0 2	03	0 4	0 5 0 5	0 6	7 hdqd2c22
ound it hard to feel hopeful about the future	0 1	0 2	0 3	0 4	0 5	0 6	 7 hdqd2c24
could not easily get motivated to do things	© 1	0 2	0 3	0 4	0 5	0 6	0 7 hdqd2c25
Solid hot easily get motivated to do unings	0 1	0 2	03	0 4	0 5	0 6	 7 hdqd2c26
ound it hard to get on with his/her life				~ 4	~ 5		0 7 hdqd2c27
		0.0	0.0	0.4	0 -		
ad problems with being independent	⊙ 1	0 2	03	0 4	0 5	0 6	
ad problems with being independent bid not feel confident in himself/herself	 1 1 	O 2	03	° 4	0 5	0 6	7 hdqd2c28
lad problems with being independent Did not feel confident in himself/herself ielt down or depressed	 ○ 1 ○ 1 ○ 1 	0 2 0 2	○ 3 ○ 3	0 4 0 4	• 5 • 5	0 6 0 6	 7 hdqd2c28 7 hdqd2c29
lad problems with being independent bid not feel confident in himself/herself elt down or depressed acked confidence in fulfilling his/her personal wishes in life	 1 1 1 1 1 1 	 2 2 2 2 	O 3 O 3 O 3	 4 4 4 	 5 5 5 	0 6 0 6 0 6	 7 hdqd2c28 7 hdqd2c29 7 hdqd2c29 7 hdqd2c30
lad problems with being independent bid not feel confident in himself/herself elt down or depressed acked confidence in fulfilling his/her personal wishes in life lad problems with maintaining a meaningful role in his/her immediate family	 ○ 1 ○ 1 ○ 1 ○ 1 ○ 1 ○ 1 	 2 2 2 2 2 2 	03 03 03 03	 4 4 4 4 4 4 	 5 5 5 5 	 6 6 6 6 6 	 7 hdqd2c28 7 hdqd2c29 7 hdqd2c29 7 hdqd2c30 7 hdqd2c31
lad problems with being independent Did not feel confident in himself/herself elt down or depressed acked confidence in fulfilling his/her personal wishes in life lad problems with maintaining a meaningful role in his/her immediate family lad financial concerns for the future	 1 	 2 2 2 2 2 2 2 2 	03 03 03 03	 4 4 4 4 4 4 4 4 	 5 5 5 5 5 5 5 		 7 hdqd2c28 7 hdqd2c29 7 hdqd2c29 7 hdqd2c30 7 hdqd2c31 7 hdqd2c31 7 hdqd2c31
ad problems with being independent bid not feel confident in himself/herself elt down or depressed acked confidence in fulfilling his/her personal wishes in life lad problems with maintaining a meaningful role in his/her immediate family lad financial concerns for the future elt irritated easily	 1 	 2 	0 3 0 3 0 3 0 3 0 3 0 3	 4 	 5 5 5 5 5 5 5 5 		 7 hdqd2c28 7 hdqd2c28 7 hdqd2c29 7 hdqd2c30 7 hdqd2c31 7 hdqd2c32 7 hdqd2c32 7 hdqd2c33
ad problems with being independent bid not feel confident in himself/herself elt down or depressed acked confidence in fulfilling his/her personal wishes in life lad problems with maintaining a meaningful role in his/her immediate family lad financial concerns for the future elt irritated easily ost his/her temper easily	 1 1<	 2 	 3 4 4<	 4 	 5 		 7 hdqd2c28 7 hdqd2c29 7 hdqd2c30 7 hdqd2c31 7 hdqd2c32 7 hdqd2c33 7 hdqd2c33 7 hdqd2c33
ad problems with being independent bid not feel confident in himself/herself elt down or depressed acked confidence in fulfilling his/her personal wishes in life lad problems with maintaining a meaningful role in his/her immediate family lad financial concerns for the future elt irritated easily ost his/her temper easily id not feel keen on going out to socialize	 1 	 2 	 3 4 4<	 4 	 S S<		 7 hdqd2c28 7 hdqd2c29 7 hdqd2c29 7 hdqd2c30 7 hdqd2c31 7 hdqd2c31 7 hdqd2c33 7 hdqd2c33 7 hdqd2c34 7 hdqd2c35
ad problems with being independent iid not feel confident in himself/herself elt down or depressed acked confidence in fulfilling his/her personal wishes in life lad problems with maintaining a meaningful role in his/her immediate family lad financial concerns for the future elt irritated easily ost his/her temper easily iid not feel keen on going out to socialize elt conscious of people's attitude to his/her condition (i.e. Huntington's)	 1 1<	 2 2<	 3 4 4<	 4 	 S S		 7 hdqd2c28 7 hdqd2c29 7 hdqd2c30 7 hdqd2c31 7 hdqd2c31 7 hdqd2c32 7 hdqd2c33 7 hdqd2c33 7 hdqd2c33 7 hdqd2c33 7 hdqd2c33 7 hdqd2c34 7 hdqd2c34 7 hdqd2c35 7 hdqd2c36
lad problems with being independent bid not feel confident in himself/herself elt down or depressed acked confidence in fulfilling his/her personal wishes in life lad problems with maintaining a meaningful role in his/her immediate family lad financial concerns for the future elt irritated easily ost his/her temper easily bid not feel keen on going out to socialize elt conscious of people's attitude to his/her condition (i.e. Huntington's) lad problems with getting support from his/her family or friends	 1 1<	 2 	0 3 0 3 0 3 0 3 0 3 0 3 0 3 0 3 0 3 0 3 0 3 0 3 0 3 0 3 0 3	 4 4<	 S S<		 r hdqd2c38 r hdqd2c39 r hdqd2c30 r hdqd2c30 r hdqd2c31 r hdqd2c31 r hdqd2c32 r hdqd2c33 r hdqd2c34 r hdqd2c34 r hdqd2c35 r hdqd2c36 r hdqd2c36 r hdqd2c36
lad problems with being independent bid not feel confident in himself/herself elt down or depressed acked confidence in fulfilling his/her personal wishes in life lad problems with maintaining a meaningful role in his/her immediate family lad financial concerns for the future elt irritated easily ost his/her temper easily bid not feel keen on going out to socialize elt conscious of people's attitude to his/her condition (i.e. Huntington's) lad problems with getting support from his/her family or friends elt dissatisfied with local services/advice in relation to Huntington's	 1 1<	 2 	 3 4 4<	0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4	 S S<		 hdqd2c28 hdqd2c29 r hdqd2c39 r hdqd2c30 r hdqd2c31 r hdqd2c31 r hdqd2c31 r hdqd2c33 r hdqd2c33 r hdqd2c34 r hdqd2c34 r hdqd2c36 r hdqd2c36 r hdqd2c36 r hdqd2c37 r hdqd2c38
lad problems with being independent bid not feel confident in himself/herself elt down or depressed acked confidence in fulfilling his/her personal wishes in life lad problems with maintaining a meaningful role in his/her immediate family lad financial concerns for the future elt irritated easily ost his/her temper easily bid not feel keen on going out to socialize elt conscious of people's attitude to his/her condition (i.e. Huntington's) lad problems with getting support from his/her family or friends elt dissatisfied with local services/advice in relation to Huntington's elt dissatisfied with medical management of Huntington's	Image: Constraint of the second se	 2 2<	 3 4 4<	0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4	 S S<		 hldq2c28 hldq2c29 hldq2c29 hldq2c29 hldq2c30 hldq2c31 hldq2c31 hldq2c33 hldq2c33 hldq2c33 hldq2c33 hldq2c33 hldq2c33 hldq2c33 hldq2c33 hldq2c34 hldq2c33 hldq2c38 hldq2c38 hldq2c38 hldq2c38 hldq2c39
ad problems with being independent id not feel confident in himself/herself elt down or depressed acked confidence in fulfilling his/her personal wishes in life lad problems with maintaining a meaningful role in his/her immediate family lad financial concerns for the future elt irritated easily ost his/her temper easily id not feel keen on going out to socialize elt conscious of people's attitude to his/her condition (i.e. Huntington's) lad problems with getting support from his/her family or friends elt dissatisfied with local services/advice in relation to Huntington's elt dissatisfied with medical management of Huntington's	 1 1<	 2 	 3 4 4<	0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4	 S S<		 hdqd2c38 hdqd2c39 hdqd2c39 hdqd2c30 hdqd2c31 hdqd2c31 hdqd2c33 hdqd2c33 hdqd2c33 hdqd2c34 hdqd2c34 hdqd2c36 hdqd2c37 hdqd2c37 hdqd2c38 hdqd2c38 hdqd2c38 hdqd2c38 hdqd2c38 hdqd2c38
Ad problems with being independent Did not feel confident in himself/herself elt down or depressed acked confidence in fulfilling his/her personal wishes in life Had problems with maintaining a meaningful role in his/her immediate family lad financial concerns for the future eit irritated easily cost his/her temper easily Did not feel keen on going out to socialize elt conscious of people's attitude to his/her condition (i.e. Huntington's) Had problems with getting support from his/her family or friends elt dissatisfied with local services/advice in relation to Huntington's Had problems with accessing information about Huntington's Had problems with accessing information about Huntington's eat problems with accessing information about Huntington's exertal, how would you rate the Opor 1 O fair 2 O good 3 O very good 4 ality of life of the person	 1 	 2 2<	 3 4 4<	0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4	 S S<		 hdqd2c28 hdqd2c39 hdqd2c39 hdqd2c30 hdqd2c31 hdqd2c31 hdqd2c32 hdqd2c33 hdqd2c33 hdqd2c36 hdqd2c36 hdqd2c37 hdqd2c38 hdqd2c38 hdqd2c38 hdqd2c38 hdqd2c39
uality of life of the person ving with HD?	 1 	 2 2<	 3 4 4<	0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4	 S S<		 r hdqd2c38 7 hdqd2c30 7 hdqd2c30 7 hdqd2c30 7 hdqd2c31 7 hdqd2c31 7 hdqd2c31 7 hdqd2c33 7 hdqd2c34 7 hdqd2c36 7 hdqd2c36 7 hdqd2c36 7 hdqd2c37 7 hdqd2c38 7 hdqd2c39
Ad problems with being independent Did not feel confident in himself/herself elt down or depressed acked confidence in fulfilling his/her personal wishes in life dad problems with maintaining a meaningful role in his/her immediate family dad financial concerns for the future elt irritated easily ost his/her temper easily Did not feel keen on going out to socialize ielt conscious of people's attitude to his/her condition (i.e. Huntington's) dad problems with getting support from his/her family or friends ielt dissatisfied with local services/advice in relation to Huntington's ielt dissatisfied with medical management of Huntington's add problems with accessing information about Huntington's and problems with accessing information about Huntington's art 2. ABOUT THE PERSON LIVING WITH HD s772 werall, how would you rate the optor 1 ° fair 2 ° good 3 ° very good 4 uality of life of the person wing with HD? art 3. ABOUT YOU 5776 • never 1 ° 1-3 times 2 ° every week 3 °	 ○ 1 ○ 1	 2 3 4 4<	 3 4 4<	0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4	 S S<		
Ad problems with being independent Did not feel confident in himself/herself Felt down or depressed .acked confidence in fulfilling his/her personal wishes in life Had problems with maintaining a meaningful role in his/her immediate family fad financial concerns for the future Felt irritated easily .cost his/her temper easily Did not feel keen on going out to socialize Felt conscious of people's attitude to his/her condition (i.e. Huntington's) Had problems with getting support from his/her family or friends Felt dissatisfied with nedical management of Huntington's Felt dissatisfied with medical management of Huntington's Had problems with accessing information about Huntington's Had problems with accessing information about Huntington's Had problems with accessing information about Huntington's Hat J. ABOUT THE PERSON LIVING WITH HD \$772 Werall, how would you rate the Opor 1 O fair 2 O good 3 O very good 4 Juity of life of the person wing with HD?	 ○ 1 ○ 1	 2 3 4 4<	 3 4 4<	0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4	 S S<		 r hdqd2c38 r hdqd2c39 r hdqd2c31 r hdqd2c31 r hdqd2c31 r hdqd2c31 r hdqd2c31 r hdqd2c31 r hdqd2c33 r hdqd2c33 r hdqd2c34 r hdqd2c35 r hdqd2c35 r hdqd2c36 r hdqd2c36 r hdqd2c38 r hdqd2c39 r hdqd2c39 r hdqd2c39 r hdqd2c39 r hdqd2c39 g ntbq266

HD Quality of Life Questionnaire (HDQ-D2) - Companion Versio



	Cognitive (SCG)	Hopes and worries (SHW)	Services (SSR)	Physical and functional (SPF)	Mood state (SMS)	Self and vitality (SSV)
Specific Scales	44.44444444 scale4 🗹 🕼	80 scale 5 🗹 🕼	66.66666666666666666666666666666666666	50 scale7 🗹 🕼	40 scale8 🗹 🕼	33.33333333 scale9 🗹 💭
Summar	y scale 38.09523809 sc	ale10 🗹 🕼				



56 Form "Family History (FH)"

Subject Data 2500 X			
Sex:	🛇 female 1 🛇 male 2	sex 🗹 🖟	
Year of birth:		birth 🗹 🖟	
Alive:	🛇 yes 1 🔿 no 2 🛇 unknown 3	alive 🗹 🖟	
	If deceased 2573		
	When? year of death	death_year 🗹 🖟	
	or age at death	death_age 🗹 🖟	
	Why?	cause 🗹 💭	
HD mutation carrier:	© yes 1 © no 2 © unknown 3 carrier @ ₽		
Manifest HD:	© yes 1 [©] no 2 [©] unknown 3	manifest 🗹 🖟	
	If HD 2577		
	Age of onset of first symptoms:	onset 🗹 🖟	
	First symptoms:	sympt 🗹 💭	
	Diagnosed O yes 1 O no 2 O unknown 3 by physician:	physician 🗹 🗗	
	Confirmed O yes 1 O no 2 O unknown 3 genetically:	genetic 🗹 🕼	
Participant in TRACK-HD:	© yes 1 © no 2 © unknown 3	trackhd 🗹 🖟	
	For office use only 2583		
	Pseudonym:	pseudo 🗹 🖟	



References

[1] 2mt Software GmbH, *TRACK-HD Data Dictionary*, TRACKHD-IDS-2015-10-RC2, Version 1.0, Nov 2015

Revision History

Version	Summary of Changes
TRACKHD-IDS-2015-10-R1-AnnotatedCRF	Initial version of annotated CRF of TRACK-HD study. CRF includes family history member form.