

Synopsis – Overview of questionnaires, tests and tasks

Domain	Name	Topic	Nr. Items / Time	Description
Questionnaires				
Control	SES	Demographics	9	Age, gender, education, etc.
	MC	Medical Checklist	7	Smoking, alcohol, medication, diseases etc.
	2x PANAS	Emotional state	20	20 emotions
	EHI	Handedness	4	Left or right handed
	WFQ	Footedness	12	Left or right footed
	PI-20	Prosopagnosia	20	Face blindness
Main	FIFI	Leisure activities	134 x 2	13 domains, how often people do something and how much do they enjoy it
	NEO	Personality	60	5 personality traits
	PDI	Delusions	21 x 4	Occurrence of delusions + concern, rumination & truthfulness
	SAM-Q	Language, affect, motor function	27	3 domains
Affect	LSAS	Social anxiety	20 x 2	Activities + anxiety level and avoidance
	TEIQue-SF	Emotional intelligence	30	Trait emotional intelligence + 4 factors: well-being, self-control, sociability & emotionality
Motor function	PAUT	Movement motivation/intention	15	Move to burn calories, urge to move etc.
	GPAQ	Amount and intensity of movement	16	4 scales: work, travel to/from places, recreation, sedentary
Neuropsychology				
Control	AST	Attention switching	10 min	Switch between tasks (iPad)
	MWT	Linguistic and global (premorbid) intelligence	37	Distinguish word vs. non-words
Language	Verbal fluency	Linguistic intelligence, executive control	3 categories	Say as many words as possible from a category in 60s
	SMT	Abstraction, association	19	Recognize meaning of proverbs (multiple choice)
	WAIS: Gemeinsamkeiten	Linguistic intelligence	16	Explain similarity of two words
	WAIS: Wortschatztest	Linguistic intelligence	26	Explain meaning of a word
Affect	ERT	Emotion recognition	6 emotions	Recognize of the 6 basic emotions
Motor function	MDA	Fine motor skills	3 tasks	Finger tapping, figure tracing & velocity scaling (App)
	MDM	Involuntary force variability	20 sec	Building up a certain force & hold it (finger sensor)

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Interviews				
Patient	BPS	Bern Psychopathology Scale	S15 A27 M11	Language, affectivity and motor function in patients
	PANSS	Positive and negative syndrom scale	7 Pos 7 Neg 16 Items	Measuring symptom severity of patients with schizophrenia
Healthy	MINI	Mini International Neuropsychiatric Interview questionnaire	-	Psychiatric Disorders
Physiology				
Heart	HRV	Heart rate variability	5 min rest 5min stand	Orthostatic challenge assessing HRV during resting and stress (standing)
	HRV - Questionnaire	Potential influential factors to HRV	18	Height & weight; sleep quantity & quality; intake of food, caffeine & drugs etc.
Brain	EEG	Rest + Artefact	6 min	3x eyes closed (1 min 40 sec) + eyes open (20 sec) Eye movements
Brain	MRI	Structural MRI	6 min	Anatomy
Tasks EEG & MRI				
Language	Mexican Hat	Language	96 Stimuli (16 cat 16 rel 64 false)	Association & categorization
Affect	Face Perception	Affect	96 faces 24 neutral 12 control	Perception of faces varying in terms of aesthetic, gender, head movement and gaze direction
	Face Ratings	Affect, behavior	96 faces 6 ratings	Rating of gender, attractiveness, dominance, health, trustworthiness & friendliness,
Motor function	PLW	Point Light Walkers	20 human & 20 random motion videos	Perception of human vs. random movement
	Pedal	Motor Task, BOLD	5x 30 sec movement / 30 sec resting	Execution of foot movement
	Foot pedal behavior	Force, frequency & EMG	during pedal task	Sensor measuring force & frequency; 3 electrodes to measure EMG at <i>musculus tibialis anterior</i> ; during EEG only