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## EEG\_post

Sarake	Tyyppi	Tyhjä	Oletusarvo	Kommentit
ID_num	int(11)	Ei		ID number of the participant
date_time	datetime	Ei		date and time of the post measurement
TBA	int(11)	Ei		TBA TBA TBA

**EEG\_pre**

Sarake	Tyyppi	Tyhjä	Oletusarvo	Kommentit
ID_num	int(11)	Ei		ID number of the participant
date_time	int(11)	Ei		date and time of the pre-test EEG measurementof the pre-test EEG measurement
TBA	int(11)	Ei		TBA TBA TBA

**block**

Sarake	Tyyppi	Tyhjä	Oletusarvo	Kommentit
<u>ID_num</u>	varchar(10)	Ei		refers to ID_num in table PARTICIPANT, identifies a participant
<u>session_num</u>	int(10)	Ei		number of the real session (1-40) in which the block was played, refers to session_num in table SESSION
<u>block_num</u>	tinyint(4)	Ei	0	the (ordinal) number of a block/game inside a real session.
within_session_num	tinyint(4)	Kyllä	1	refers to within_session_num in table SESSION
gametype	tinyint(4)	Kyllä	NULL	1=empty, 2=simple, 3=media, 4=labyrinth, 5=transfer
score	decimal(6,3)	Ei		game score: duration of positive classifications/duration of the game
theta_coef	decimal(6,3)	Ei		theta coefficient
beta_coef	decimal(6,3)	Ei		beta coefficient
trialtype	tinyint(4)	Ei		1= transfer trial with no feedback nor specific activity except staying still and concentrating, 2=maze, 3=transfer trial while looking at a video, 4= transfer trial while reading
rejected_why	tinyint(4)	Kyllä	NULL	reason why block was rejected / 1=bad signal, 2=crashed mid-block, 3=unusual/untruthful score (e.g. due to failed baseline measurement), 4= subject falling asleep, 5=subject not doing the task, 6=tutorial, 7=score not mentioned in the session diary, 8=info
has_gdf	tinyint(4)	Ei		associated gdf file exists
trainer_says_no	tinyint(4)	Ei		1=block was rejected by the trainer, 0 or empty value=block was accepted

8= info about the specific reason for rejection missing or ambiguous  
 9= problem with feedback (e.g. the ball in simple ball game has gotten stuck or does not respond to the changing levels of theta and beta)  
 11= 'technical problem'  
 12 = several technical problems mentioned

## participant

Sarake	Tyyppi	Tyhjä	Oletusarvo	Kommentit
ID_num	varchar(10)	Ei		ID number of the participant
protocol	tinyint(4)	Ei		1=theta/beta 2=SMR 3=not yet assigned to a group
age	tinyint(4)	Kyllä	NULL	age
gender	tinyint(4)	Kyllä	NULL	1=female, 2=male
handedness	tinyint(4)	Kyllä	NULL	1=right, 2=left, 3=ambidexter
education	tinyint(4)	Kyllä	NULL	1=basic, 2=middle, 3=high
NFB_eloc	tinyint(4)	Kyllä	NULL	location of the NFB electrode (1=Fz, 2=FCz, 3=Cz, 4=C4, 5=C3)
thetabeta_ratio	int(11)	Ei		
iAF	int(11)	Ei		
WAIS_Voc	tinyint(4)	Ei		
WAIS_Sim	tinyint(4)	Ei		
WAIS_Dig	tinyint(4)	Ei		
WAIS_Blo	tinyint(4)	Ei		
WAIS_Mat	tinyint(4)	Ei		
WAIS_VIQ	tinyint(4)	Ei		
WAIS_PTIQ	tinyint(4)	Ei		
WAIS_FSIQ	tinyint(4)	Ei		
WAIS_VCI	tinyint(4)	Ei		
WAIS_POI	tinyint(4)	Ei		
WAIS_Span_fwd	tinyint(4)	Ei		
WAIS_Span_bwd	tinyint(4)	Ei		
WAIS_Post_Dig	tinyint(4)	Ei		Dig in post-test-measurement
WAIS_Post_Span_fwd	tinyint(4)	Ei		Span_fwd in post-test-measurement
WAIS_Post_Span_bwd	tinyint(4)	Ei		Span_bwd in post-test measurement
1_PSQIDURAT	decimal(8,4)	Ei		Duration of sleep score; PSQI administered around 1st NFB-session
1_PSQILATEN	decimal(8,4)	Ei		Sleep latency score; PSQI administered around 1st NFB-session
1_PSQIDISTB	decimal(8,4)	Ei		Sleep disturbance score; PSQI administered around 1st NFB-session
1_PSQIDAYDYS	decimal(8,4)	Ei		Day dysfunction due to sleepiness score; PSQI administered around 1st NFB-session
1_PSQIHSE	decimal(8,4)	Ei		Sleep efficiency score; PSQI administered around 1st NFB-session
1_PSQISLQUAL	decimal(8,4)	Ei		Overall sleep quality; PSQI administered around 1st NFB-session
1_PSQIMEDS	decimal(8,4)	Ei		Need meds to sleep; PSQI administered around 1st NFB-session
1_PSQITOTAL	decimal(8,4)	Ei		PSQITOTAL score, administered around 1st NFB-session
10_PSQIDURAT	decimal(8,4)	Ei		Duration of sleep score; PSQI administered after 10th NFB-session
10_PSQILATEN	decimal(8,4)	Ei		Sleep latency score; PSQI administered after 10th NFB-session
10_PSQIDISTB	decimal(8,4)	Ei		Sleep disturbance score; PSQI administered after 10th NFB-session
10_PSQIDAYDYS	decimal(8,4)	Ei		Day dysfunction due to sleepiness score; PSQI administered after 10th NFB-session
10_PSQIHSE	decimal(8,4)	Ei		Sleep efficiency score; PSQI administered after 10th NFB-session
10_PSQISLQUAL	decimal(8,4)	Ei		Overall sleep quality; PSQI administered after 10th NFB-session
10_PSQIMEDS	decimal(8,4)	Ei		Need meds to sleep; PSQI administered after 10th NFB-session
10_PSQITOTAL	decimal(8,4)	Ei		PSQITOTAL score, administered after 10th NFB-session
20_PSQIDURAT	decimal(8,4)	Ei		Duration of sleep score; PSQI administered after 20th NFB-session

20_PSQILATEN	decimal(8,4)	Ei		Sleep latency score; PSQI administered after 20th NFB-session
20_PSQIDISTB	decimal(8,4)	Ei		Sleep disturbance score; PSQI administered after 20th NFB-session
20_PSQIDAYDYS	decimal(8,4)	Ei		Day dysfunction due to sleepiness score; PSQI administered after 20th NFB-session
20_PSQIHSE	decimal(8,4)	Ei		Sleep efficiency score; PSQI administered after 20th NFB-session
20_PSQISLQUAL	decimal(8,4)	Ei		Overall sleep quality; PSQI administered after 20th NFB-session
20_PSQIMEDS	decimal(8,4)	Ei		Need meds to sleep; PSQI administered after 20th NFB-session
20_PSQITOTAL	decimal(8,4)	Ei		PSQITOTAL score, administered after 20th NFB-session
40_PSQIDURAT	decimal(8,4)	Ei		Duration of sleep score; PSQI administered after 40th NFB-session
40_PSQILATEN	decimal(8,4)	Ei		Sleep latency score; PSQI administered after 40th NFB-session
40_PSQIDISTB	decimal(8,4)	Ei		Sleep disturbance score; PSQI administered after 40th NFB-session
40_PSQIDAYDYS	decimal(8,4)	Ei		Day dysfunction due to sleepiness score; PSQI administered after 40th NFB-session
40_PSQIHSE	decimal(8,4)	Ei		Sleep efficiency score; PSQI administered after 40th NFB-session
40_PSQISLQUAL	decimal(8,4)	Ei		Overall sleep quality; PSQI administered after 40th NFB-session
40_PSQIMEDS	decimal(8,4)	Ei		Need meds to sleep; PSQI administered after 40th NFB-session
40_PSQITOTAL	decimal(8,4)	Ei		PSQITOTAL score, administered after 40th NFB-session
recruitment_ASRS_inattention	decimal(8,4)	Ei		
recruitment_ASRS_hyp_imp	decimal(8,4)	Ei		
10_ASRS_inattention	decimal(8,4)	Ei		
10_ASRS_hyp_imp	decimal(8,4)	Ei		
30_ASRS_inattention	decimal(8,4)	Ei		
30_ASRS_hyp_imp	decimal(8,4)	Ei		
10_QLESQ_total	tinyint(4)	Ei		Q-LESQ-Q administered after 10 sessions
10_QLESQ_%max	decimal(8,4)	Ei		Q-LESQ-Q administered after 10 sessions
30_QLESQ_total	tinyint(4)	Ei		Q-LESQ-Q administered after 30 sessions
30_QLESQ_&max	decimal(8,4)	Ei		

**session**

Sarake	Tyyppi	Tyhjä	Oletusarvo	Kommentit
<u>session_num</u>	int(10)	Ei		number of the session (1-40)
<u>within_session_num</u>	tinyint(4)	Ei	1	number of the "cent session" inside a session (e.g. when cent software needs to be closed inside the 1 hour session). A new row in table SESSION is created every time coefficients or baselines or sessiontypes are changed.
<u>ID_num</u>	varchar(10)	Ei		refers to ID_num in table PARTICIPANT, identifies a participant
session_type	tinyint(4)	Ei	1	0=tutorial, 1=beginner, 2=intermediate, 3=expert
normal_not_inv	tinyint(4)	Ei		1= normal training, 0=inverse training
nfb_electrode	tinyint(4)	Kyllä	1	1=wet, 2=dry
2_electrode	tinyint(4)	Kyllä	1	(0=not in use, 1=signal ok) / default value is 1, but missing signal not always marked on session notes.
3_electrode	tinyint(4)	Kyllä	1	(0=not in use, 1=signal ok) / default value is 1, but missing signal not always marked on session notes.
4_electrode	tinyint(4)	Kyllä	1	(0=not in use, 1=signal ok) / default value is 1, but missing signal not always marked on session notes.
5_electrode	tinyint(4)	Kyllä	1	(0=not in use, 1=signal ok) / default value is 1, but missing signal not always marked on session notes.
new_baseline	tinyint(1)	Kyllä	1	1=new baseline, 0=default baseline
notes_tactics	text	Kyllä	NULL	strategies used by the participant
notes_techical	text	Kyllä	NULL	technical difficulties
notes_other	text	Kyllä	NULL	other notes
restart_why	tinyint(4)	Kyllä	NULL	explanation as to why CURRENT session had to be restarted or the whole session was ended abruptly / 1=CENT software crashed, 2=connection between receiver and device failed, 3=bad contact, 4=signal lagging, 5=change to inverse training

## session\_context

Sarake	Tyyppi	Tyhjä	Oletusarvo	Kommentit
<u>session_num</u>	int(10)	Ei		number of the session (1-40), refers to session_num in table SESSION
<u>ID_num</u>	varchar(10)	Ei		refers to ID_num in table PARTICIPANT, identifies a participant
date_time	datetime	Ei	2012-00-00 00:00:00	date and time in format 'YYYY-MM-DD HH:MM:SS'
trainer	tinyint(4)	Kyllä	NULL	trainer doing the session (0=Hanna, 1=Marko, 2=Mona, 3=Kristiina, 4=Tanja)
room	tinyint(4)	Kyllä	NULL	4,5,7,13 or 16
enobio	tinyint(4)	Kyllä	1	(1=old four-channel enobio, 2=new eight-channel enobio)
Obs_motivaatio	tinyint(4)	Kyllä	NULL	trainer observation concerning motivation (1=bad, 10=good)
Obs_asenne	tinyint(4)	Kyllä	NULL	trainer observation concerning attitude (1=resisting, 10=co-operative)
Obs_keskittymis	tinyint(4)	Kyllä	NULL	trainer observation concerning ability to concentrate (1=bad, 10=good)
Obs_levottomuus	tinyint(4)	Kyllä	NULL	trainer observation concerning mental or physical restlessness (1=low, 10=high)
Obs_impulsiivisuus	tinyint(4)	Kyllä	NULL	trainer observation concerning impulsivity (1=low, 10=high)
Obs_turhautumisenkesto	tinyint(4)	Kyllä	NULL	trainer observation concerning ability to cope with frustration (1=low, 10=high)
Obs_itsesaately	tinyint(4)	Kyllä	NULL	trainer observation concerning self-regulation skills (1=low, 10=high)
notes_tech	text	Kyllä	NULL	
notes_other	text	Kyllä	NULL	
signal_freq	tinyint(4)	Ei	0	0=not mentioned, 1=high frequency interference present 2= spectrum looks normal 3= distinctive 50Hz spike, 6=distinctive approx. 20Hz and 35-38Hz spikes // how signal looks frequency-wise
signal_amp	tinyint(4)	Ei	0	0=not mentioned, 1= amplitudes above normal range 2=amplitudes in normal range // how signal looks amplitude-wise
signal_bsline	tinyint(4)	Ei	0	0=not mentioned, 1= unusually high baseline values
hrs_since_sleep	tinyint(4)	Ei		CENT self-report before session
hours_slept	tinyint(4)	Ei		CENT self-report before session
excitement	tinyint(4)	Ei		CENT self-report before session
mood	tinyint(4)	Ei		CENT self-report before session
motivation	tinyint(4)	Ei		CENT self-report before session
effort	tinyint(4)	Ei		CENT self-report after session
frustration	tinyint(4)	Ei		CENT self-report after session

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