Code	Description of Item	Range	Labels
Statistics			
RandomNo	Randomisation Number of patient		
Group	Experimental Group		1=Treatment Group 2=Waiting Group
Sex	Sex		1=male 2=female
ExpoSession	Exposure session	1 – 4	
Number	Number of drives per exposure session		
Duration	Total duration of drives in [min] per driver and exposure session		
Symptoms_Duration	[months]		
Responder	Responder: completed BAT with adequate driving behavior and could maintain success until the follow-up		1=yes 0=no
S_Preference_Expo	Preference of Exposure before treatment (screening)		0=in vivo 1=virtual 2=combination of both
Psychological Questionnaires			
afq_pa_pre	Score AFQ prior to treatment (phobic avoidance items)		
afq_pre1_WG	Score AFQ anamnesis 1		
afq_pre2_WG	Score AFQ anamnesis 2		
afq_pa_post	Score AFQ post exposure		
afq_pa_diff	Difference of AFQ score AFQ_pa_pre - afq_pa_post		
pss_sr_pre	Score PSS-SR prior to treatment		
pss_sr_post	Score PSS-SR post treatment		
pss_sr_diff	Difference of PSS-SR score pss_sr_prä - pss_sr_post		
bai_pre	Score BAI prior to treatment, anamnesis 1		
bai_pre2	Score BAI prior to treatment, anamnesis 2 (WG)		
bai_post	Score BAI post treatment		
bai_diff	Difference BAI score bai_pre – bai_post		
bdi_pre	Score BDI-II prior to treatment, anamnesis 1		
bdi_pre2	Score BDI-II prior to treatment, anamnesis 2 (WG)		
bdi_post	Score BDI-II post treatment		
bdi_diff	Difference score BDI-II bdi_pre – bdi_post		
FPTM_strain	Score FPTM psychological strain		
FPTM_hope	Score FPTM hope for improvement		

FPTM_denial	Score FPTM denial of psychological need for care		
FPTM_knowledge	Score FPTM knowledge about therapy		
FPTM_initiative	Score FPTM patient's effort to receive the therapy		
FPTM_care	Score FPTM perceived attention by others due to symptoms		
Exposure Sessions			
ES1_S1_SUD_Max	ES1: Exposure Session 1; S1: Scenario 1; highest SUD during this drive	Subjective units of distress (SUD) scale: 0=no distress to 10=highest anxiety, loss of control	
ES1_S1_Pulse_Max	ES1: Exposure Session 1; S1: Scenario 1; highest pulse during this drive		
ES1_S1_SUD_End	ES1: Exposure Session 1; S1: Scenario 1; SUD at the end of this drive	Subjective units of distress (SUD) scale: 0=no distress to 10=highest anxiety, loss of control	
ES1_S1_Pulse_End	ES1: Exposure Session 1; S1: Scenario 1; pulse at the end of the drive		
ES1_S2_SUD_Max	ES1: Exposure Session 1; S2: Scenario 2; highest SUD during this drive	Subjective units of distress (SUD) scale: 0=no distress to 10=highest anxiety, loss of control	
ES1_S2_Pulse_Max	ES1: Exposure Session 1; S2: Scenario 2; highest pulse during this drive		
ES1_S2_SUD_End	ES1: Exposure Session 1; S2: Scenario 2; SUD at the end of this drive	Subjective units of distress (SUD) scale: 0=no distress to 10=highest anxiety, loss of control	
ES1_S2_SUD_End	ES1: Exposure Session 1; S2: Scenario 2; pulse at the end of the drive		
ES1_S3_SUD_Max	ES1: Exposure Session 1; S3: Scenario 3; highest SUD during this drive	Subjective units of distress (SUD) scale: 0=no distress to 10=highest anxiety, loss of control	
ES1_S3_Pulse_Max	ES1: Exposure Session 1; S3: Scenario		

	3; highest pulse during this drive		
ES1_S3_SUD_End	ES1: Exposure Session 1; S3: Scenario 3; SUD at the end of this drive	Subjective units of distress (SUD) scale: 0=no distress to 10=highest anxiety, loss of control	
ES1_S3_SUD_End	ES1: Exposure Session 1; S3: Scenario 3; pulse at the end of the drive		
ES1_S4_SUD_Max	ES1: Exposure Session 1; S4: Scenario 4; highest SUD during this drive	Subjective units of distress (SUD) scale: 0=no distress to 10=highest anxiety, loss of control	
ES1_S4_Pulse_Max	ES1: Exposure Session 1; S4: Scenario 4; highest pulse during this drive		
ES1_S4_SUD_End	ES1: Exposure Session 1; S4: Scenario 4; SUD at the end of this drive	Subjective units of distress (SUD) scale: 0=no distress to 10=highest anxiety, loss of control	
ES1_S4_Pulse_End	ES1: Exposure Session 1; S4: Scenario 4; pulse at the end of the drive		
ES1_PulseBase	ES1: Exposure Session 1; Pulse baseline during relaxation at the end of the session.		
ES2_S[1-4]_SUD_Max	ES2: Exposure Session 2; S[1-4]: Scenarios 1-4; highest SUD during each of the drives		
ES2_S[1-4]_Pulse_Max	ES2: Exposure Session 2; S[1-4]: Scenarios 1-4; highest pulse during each of these drives		
ES2_S[1-4]_SUD_End	ES2: Exposure Session 2; S[1-4]: Scenarios 1-4; SUD at the end of each drive		
ES2_S[1-4]_Pulse_End	ES2: Exposure Session 2; S[1-4]: Scenarios 1-4; pulse at the end of each drive		
ES2_PulseBase	ES2: Exposure Session 2; Pulse baseline during relaxation at the end of the session.		
ES3_S[1-4]_SUD_Max	ES3: Exposure Session 3; S[1-4]: Scenarios 1-4; highest SUD during each of the drives		
ES3_S[1-4]_Pulse_Max	ES3: Exposure Session 3; S[1-4]: Scenarios 1-4; highest pulse during each of these drives		

ES3_S[1-4]_SUD_End	ES3: Exposure Session 3; S[1-4]: Scenarios 1-4; SUD at the end of each drive		
ES3_S[1-4]_Pulse_End	ES3: Exposure Session 3; S[1-4]: Scenarios 1-4; pulse at the end of each drive		
ES3_PulseBase	ES3: Exposure Session 3; Pulse baseline during relaxation at the end of the session.		
ES4_S[1-4]_SUD_Max	ES4: Exposure Session 4; S[1-4]: Scenarios 1-4; highest SUD during each of the drives		
ES4_S[1-4]_Pulse_Max	ES4: Exposure Session 4; S[1-4]: Scenarios 1-4; highest pulse during each of these drives		
ES4_S[1-4]_SUD_End	ES4: Exposure Session 4; S[1-4]: Scenarios 1-4; SUD at the end of each drive		
ES4_S[1-4]_Pulse_End	ES4: Exposure Session 4; S[1-4]: Scenarios 1-4; pulse at the end of each drive		
ES4_PulseBase	ES4: Exposure Session 4; Pulse baseline during relaxation at the end of the session.		
mean_max_SUD_ES1	Mean maximum SUD during Exposure session 1 (ES1_S1_SUD_Max, ES1_S2_SUD_Max, ES1_S3_SUD_Max, ES1_S4_SUD_Max)		
mean_max_SUD_ES2	Mean maximum SUD during Exposure session 2 (ES2_S1_SUD_Max, ES2_S2_SUD_Max, ES2_S3_SUD_Max, ES2_S4_SUD_Max)		
mean_max_SUD_ES3	Mean maximum SUD during Exposure session 3 (ES3_S1_SUD_Max, ES3_S2_SUD_Max, ES3_S3_SUD_Max, ES3_S4_SUD_Max)		
mean_max_SUD_ES4	Mean maximum SUD during Exposure session 4 (ES4_S1_SUD_Max, ES4_S2_SUD_Max, ES4_S3_SUD_Max, ES4_S4_SUD_Max)		
mean_end_SUD_ES1	Mean end SUD of exposure session 1 (ES1_S1_SUD_End, ES1_S2_SUD_End, ES1_S3_SUD_End, ES1_S4_SUD_End)		
mean_end_SUD_ES2	Mean end SUD of exposure session 2 (ES2_S1_SUD_End, ES2_S2_SUD_End, ES2_S3_SUD_End, ES2_S4_SUD_End)		
mean_end_SUD_ES3	Mean end SUD of exposure session 3		

	(ES3_S1_SUD_End, ES3_S2_SUD_End, ES3_S3_SUD_End, ES3_S4_SUD_End)		
mean_end_SUD_ES4	Mean end SUD of exposure session 4 (ES4_S1_SUD_End, ES4_S2_SUD_End, ES4_S3_SUD_End, ES4_S4_SUD_End)		
ES1_S[1-4]_Puls_max_diff	Baseline corrected maximum heart rate: ES1: Exposure 1; S[1-4]: Scenarios 1-4; Difference (ES1_S[1-4]_Puls_Max - ES1_PulsBase)		
ES2_S[1-4]_Puls_max_diff	Baseline corrected maximum heart rate: ES2: Exposure 2; S[1-4]: Scenarios 1-4; Difference (ES2_S[1-4]_Puls_Max - ES2_PulsBase)		
ES3_S[1-4]_Puls_max_diff	Baseline corrected maximum heart rate: ES3: Exposure 3; S[1-4]: Scenarios 1-4; Difference (ES3_S[1-4]_Puls_Max - ES3_PulsBase)		
ES4_S[1-4]_Puls_max_diff	Baseline corrected maximum heart rate: ES4: Exposure 4; S[1-4]: Scenarios 1-4; Difference (ES4_S[1-4]_Puls_Max - ES4_PulsBase)		
ES1_S[1-4]_Puls_End_diff	Baseline corrected heart rate at the end of each drive: ES1: Exposure 1; S[1-4]: Scenarios 1-4; Difference (ES1_S[1-4]_Puls_end - ES1_PulsBase)		
ES2_S[1-4]_Puls_End_diff	Baseline corrected heart rate at the end of each drive: ES2: Exposure 2; S[1-4]: Scenarios 1-4; Difference (ES2_S[1-4]_Puls_end - ES2_PulsBase)		
ES3_S[1-4]_Puls_End_diff	Baseline corrected heart rate at the end of each drive: ES3: Exposure 3; S[1-4]: Scenarios 1-4; Difference (ES3_S[1-4]_Puls_end - ES3_PulsBase)		
ES4_S[1-4]_Puls_End_diff	Baseline corrected heart rate at the end of each drive: ES4: Exposure 4; S[1-4]: Scenarios 1-4; Difference (ES4_S[1-4]_Puls_end - ES4_PulsBase)		
mean_max_Puls_ES1	MEAN baseline corrected maximum heart rate per exposure session 1 (ES1_S1_Puls_max_diff, ES1_S2_Puls_max_diff, ES1_S3_Puls_max_diff, ES1_S4_Puls_max_diff)		
mean_max_Puls_ES2	MEAN baseline corrected maximum		

	heart rate per exposure session 2 (ES2_S1_Puls_max_diff, ES2_S2_Puls_max_diff, ES2_S3_Puls_max_diff, ES2_S4_Puls_max_diff)		
mean_max_Puls_ES3	MEAN baseline corrected maximum heart rate per exposure session 3 (ES3_S1_Puls_max_diff, ES3_S2_Puls_max_diff, ES3_S3_Puls_max_diff, ES3_S4_Puls_max_diff)		
mean_max_Puls_ES4	MEAN baseline corrected maximum heart rate per exposure session 4 (ES4_S1_Puls_max_diff, ES4_S2_Puls_max_diff, ES4_S3_Puls_max_diff, ES4_S4_Puls_max_diff)		
mean_End_Puls_ES1	MEAN baseline corrected heart rate at the end of exposure session 1 (ES1_S1_Puls_End_diff, ES1_S2_Puls_End_diff, ES1_S3_Puls_End_diff, ES1_S4_Puls_End_diff)		
mean_End_Puls_ES2	MEAN baseline corrected heart rate at the end of exposure session 2 (ES2_S1_Puls_End_diff, ES2_S2_Puls_End_diff, ES2_S3_Puls_End_diff, ES2_S4_Puls_End_diff)		
mean_End_Puls_ES3	MEAN baseline corrected heart rate at the end of exposure session 3 (ES3_S1_Puls_End_diff, ES3_S2_Puls_End_diff, ES3_S3_Puls_End_diff, ES3_S4_Puls_End_diff)		
mean_End_Puls_ES4	MEAN baseline corrected heart rate at the end of exposure session 4 (ES4_S1_Puls_End_diff, ES4_S2_Puls_End_diff, ES4_S3_Puls_End_diff, ES4_S4_Puls_End_diff)		
Driving performance in the BAT			
wheel_sud.0	Hypothetical question during screening: "If you had the chance to drive with a driving instructor right now, would you sit behind the wheel?"	Subjective units of distress (SUD) scale: 0=no distress to 10=highest anxiety, loss of control; 11=would not do it	
wheel_dic.0	Hypothetical SUD sitting behind the		0=not avoided

	wheel (screening) dichotomized		(SUD <6) 1=avoided (SUD ≥6)
wheel_sud.1	Hypothetical question during anamnesis 1: “If you had the chance to drive with a driving instructor right now, would you sit behind the wheel?”	SUD scale: 0=no distress to 10=highest anxiety, loss of control; 11=would not do it	
wheel_dic.1	Hypothetical SUD sitting behind the wheel (anamnesis 1) dichotomized		0=not avoided (SUD <6) 1=avoided (SUD ≥6)
wheel_sud.2	Hypothetical question during anamnesis 2 (WG), anamnesis 1 (TG): “If you had the chance to drive with a driving instructor right now, would you sit behind the wheel?”	SUD scale: 0=no distress to 10=highest anxiety, loss of control; 11=would not do it	
wheel_dic.2	Hypothetical SUD sitting behind the wheel (anamnesis 2 (WG), anamnesis 1 (TG)) dichotomized		0=not avoided (SUD <6) 1=avoided (SUD ≥6)
wheel_sud.3	Hypothetical question post exposure: “If you had the chance to drive with a driving instructor right now, would you sit behind the wheel?”	SUD scale: 0=no distress to 10=highest anxiety, loss of control; 11=would not do it	
wheel_dic.3	Hypothetical SUD sitting behind the wheel (post exposure) dichotomized		0=not avoided (SUD <6) 1=avoided (SUD ≥6)
wheel_dic.4	SUD during BAT: sitting behind the wheel		0=not avoided (any more) 1=still avoided
wheel_dic.42	SUD during BAT: sitting behind the wheel (1 also for tasks originally mastered)		0=not avoided (any more) 1=still avoided
wheel_dic.5	Hypothetical SUD during booster interview: sitting behind the wheel		0=not avoided (any more) 1=still avoided
wheel_dic.6	Hypothetical SUD during follow-up interview: sitting behind the wheel		0=not avoided (any more) 1=still avoided
parking_sud.0	Hypothetical question during screening: “If you had the chance to drive with a driving instructor right now, would	SUD scale: 0=no distress to 10=highest anxiety, loss of	

	you drive around a parking area?"	control; 11=would not do it	
parking_dic.0	Hypothetical SUD driving around a parking area (screening) dichotomized		0=not avoided (SUD <6) 1=avoided (SUD ≥6)
parking_sud.[1-3]	See descriptions for wheel_sud		
parking_dic.[1-6]	See descriptions for wheel_dic		
block_sud.0	Hypothetical question during screening: "If you had the chance to drive with a driving instructor right now, would you drive around the block?"	SUD scale: 0=no distress to 10=highest anxiety, loss of control; 11=would not do it	
block_dic.0	Hypothetical SUD driving around the block (screening) dichotomized		0=not avoided (SUD <6) 1=avoided (SUD ≥6)
block_sud.[1-3]	See descriptions for wheel_sud		
block_dic.[1-6]	See descriptions for wheel_dic		
ruralroad_sud.0	Hypothetical question during screening: "If you had the chance to drive with a driving instructor right now, would you drive on a rural road?"	SUD scale: 0=no distress to 10=highest anxiety, loss of control; 11=would not do it	
ruralroad_dic.0	Hypothetical SUD driving on rural road (screening) dichotomized		0=not avoided (SUD <6) 1=avoided (SUD ≥6)
ruralroad_sud.[1-3]	See descriptions for wheel_sud		
ruralroad_dic.[1-6]	See descriptions for wheel_dic		
twolane_sud.0	Hypothetical question during screening: "If you had the chance to drive with a driving instructor right now, would you drive on a main road with two lanes?"	SUD scale: 0=no distress to 10=highest anxiety, loss of control; 11=would not do it	
twolane_dic.0	Hypothetical SUD driving on main road with two lanes (screening) dichotomized		0=not avoided (SUD <6) 1=avoided (SUD ≥6)
twolane_sud.[1-3]	See descriptions for wheel_sud		
twolane_dic.[1-6]	See descriptions for wheel_dic		
highway_sud.0	Hypothetical question during screening: "If you had the chance to drive with a driving instructor right now, would	SUD scale: 0=no distress to 10=highest anxiety, loss of	

	you drive on a highway?"	control; 11=would not do it	
highway_dic.0	Hypothetical SUD driving on a highway (screening) dichotomized		0=not avoided (SUD <6) 1=avoided (SUD ≥6)
highway_sud.[1-3]	See descriptions for wheel_sud		
highway_dic.[1-6]	See descriptions for wheel_dic		
urban_sud.0	Hypothetical question during screening: "If you had the chance to drive with a driving instructor right now, would you drive on an urban area?"	SUD scale: 0=no distress to 10=highest anxiety, loss of control; 11=would not do it	
urban_dic.0	Hypothetical SUD driving on an urban area (screening) dichotomized		0=not avoided (SUD <6) 1=avoided (SUD ≥6)
urban_sud.[1-3]	See descriptions for wheel_sud		
urban_dic.[1-6]	See descriptions for wheel_dic		
hypBAT_before	Hypothetical BAT before number of tasks mastered		
actBAT_after	Actual BAT after number of tasks mastered		
BAT_instructor_assessm	General assessment of driving performance during the BAT, as rated by the driving instructor		0=normal 1=slightly conspicuous 2=substantially conspicuous 3=severely conspicuous
BAT_instructor_interven	Number of interventions by the driving instructor during the BAT		
BAT_Psych_gs1	Number of driving errors regarding driving with higher speed than speed limit		
BAT_Psych_gs2	Number of driving errors regarding maladjusted speed (maladjusted acceleration or deceleration; offensive driving)		
BAT_Psych_gs3	Number of driving errors regarding driving too slow (unconfident driving)		
BAT_Psych_ab12	Number of driving errors regarding longitudinal distances being too small		
BAT_Psych_ab3	Number of driving errors regarding lateral distances being too small		
BAT_Psych_fb1	Number of driving errors regarding poor lane keeping		
BAT_Psych_fb2	Number of driving errors regarding lange changes		

BAT_Psych_fb3	Number of driving errors regarding driving on inappropriate lanes		
BAT_Psych_fb4	Number of driving errors regarding driving on inadmissible lanes		
BAT_Psych_si1	Number of driving errors regarding missing shoulder glances		
BAT_Psych_si2	Number of driving errors regarding right of way		
BAT_Psych_si3	Number of driving errors regarding overcautious shoulder glances		
BAT_Psych_ko1	Number of driving errors regarding signaling		
BAT_Psych_ko2	Number of driving errors regarding unclear communication		
BAT_Psych_ko3	Number of driving errors regarding interaction with other traffic participants' signaling		
BAT_Psych_nav	Number of driving errors regarding navigation		
BAT_Psych_gf1	Number of driving errors regarding endangering VRU		
BAT_Psych_gf2	Number of driving errors regarding endangering motorized traffic participants		
Follow-Up: Evaluation			
FU_Preference_Expo	Preference of Exposure after the treatment (follow-up)		0=in vivo 1=virtual 2=combination of both
FU_E_1	The content of the treatment was comprehensible.	1=do not agree at all 7=agree strongly 8=don't know	
FU_E_2	The procedures of the treatment were comprehensible.		
FU_E_8	Driving in the simulation helped me overcome my fear.		
FU_E_9	I experienced driving in the simulation to be realistic.		
FU_E_10	Driving in the simulation made driving under real traffic conditions easier for me.		
FU_E_11	Treatment should be made accessible to broad public.		
FU_E_12	The difficulty of driving tasks was ….	1=too easy 4=appropriate 7=too difficult 8=don't know	
FU_E_13	The speed of the proceedings was…	1=too slow 4=appropriate 7=too fast 8=don't know	

FU_E_15	The time frame was…	1=too short 4=appropriate 7=too long 8=don’t know	
FU_E_19	Overall evaluation of the treatment	German school grade: 1=very good 6=fail	