

Supplementary Table 2. Results of repeated measures ANOVA on psychiatric scales across haptic-based multimodal feedback VR sessions and groups (comorbid psychiatric disease and previous experience of VR)

Groups: Panic disorder with vs. without comorbid psychiatric disorders						
Value of scales	VR sessions	Panic disorder without comorbid psychiatric disorders (N=2)	Panic disorder with comorbid psychiatric disorders (N=5)	Factor or interaction	F	p
		Mean±SD	Mean±SD			
K-MADRS	Session 1	12.00±8.49	22.40±9.32	Sessions	0.108	0.755
	Session 2	10.50±14.44	22.00±7.65	Session*Group	0.036	0.856
HAM-A	Session 1	12.00±7.07	30.80±9.81	Sessions	0.331	0.590
	Session 2	9.50±12.02	28.40±9.66	Session*Group	<0.001	0.991
BAI	Session 1	27.50±10.61	30.60±17.40	Sessions	13.883	0.014*
	Session 2	10.00±9.90	29.00±15.67	Session*Group	9.621	0.027*
STAI-state	Session 1	53.50±14.85	50.80±9.76	Sessions	0.868	0.394
	Session 2	47.50±0.71	51.00±9.98	Session*Group	0.992	0.365
STAI-trait	Session 1	54.00±15.56	50.60±7.09	Sessions	0.357	0.576
	Session 2	53.00±14.14	50.60±8.08	Session*Group	0.357	0.576
SSQ	Session 1	6.50±4.95	20.60±15.24	Sessions	1.734	0.245
	Session 2	2.50±3.54	11.80±5.89	Session*Group	0.244	0.642

Groups: Previous experience vs. no experience of VR						
Value of scales	VR sessions	Previous experience of VR (N=3)	No experience of VR (N=4)	Factor or interaction	F	p
		Mean±SD	Mean±SD			
K-MADRS	Session 1	26.67±10.07	14.00±5.66	Sessions	0.057	0.821
	Session 2	26.67± 3.22	12.75±9.14	Session*Group	0.057	0.821
HAM-A	Session 1	36.00±8.66	17.50±8.23	Sessions	0.387	0.561
	Session 2	33.67±8.96	15.00±9.49	Session*Group	<0.001	0.984
BAI	Session 1	43.00±3.61	19.75±11.33	Sessions	2.265	0.193
	Session 2	38.33±10.02	12.50±9.15	Session*Group	9.621	0.757
STAI-state	Session 1	49.00±13.12	53.50±8.81	Sessions	0.223	0.657
	Session 2	48.33±11.68	51.25±6.55	Session*Group	0.066	0.808
STAI-trait	Session 1	50.00±8.89	52.75±9.81	Sessions	0.380	0.565
	Session 2	48.67±9.29	53.25±9.32	Session*Group	1.839	0.233
SSQ	Session 1	30.00±11.53	6.50±2.89	Sessions	7.693	0.039*
	Session 2	14.00±5.57	5.50±5.45	Session*Group	5.989	0.058

*p-value<0.05. K-MADRS: Montgomery-Åsberg Depression Rating Scale, Korean version, HAM-A: Hamilton Anxiety Rating scale, BAI: Beck Anxiety Inventory, STAI: State-Trait Anxiety Inventory, SSQ: Simulator sickness questionnaire