

**Appendix 1** to Moreira P, Macoveanu J, Marques P, et al. Altered response to risky decisions and reward in patients with obsessive-compulsive disorder. *J Psychiatry Neurosci* 2019.

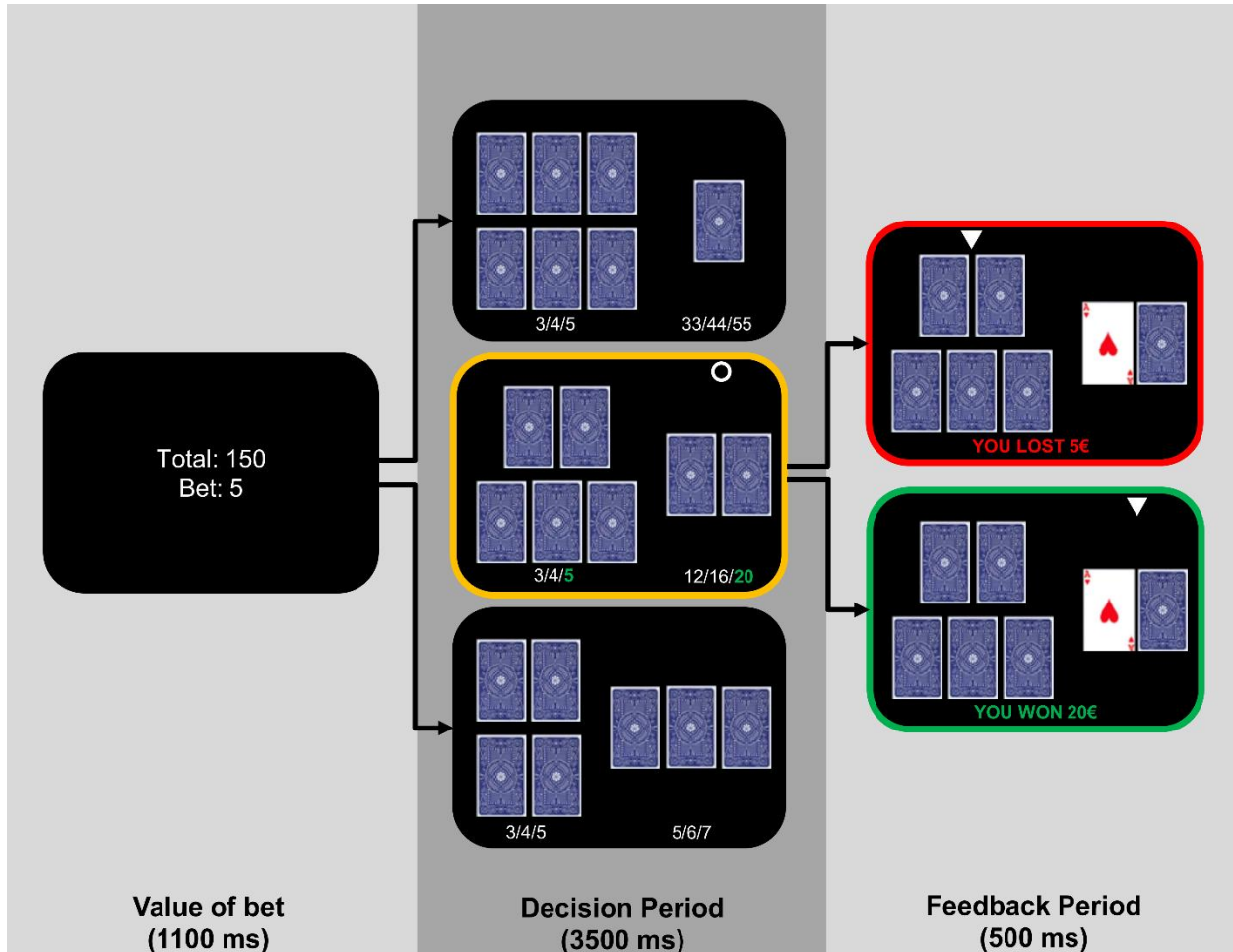
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**Table S1.** Association between significant brain findings and clinical measures

Risk Level	Scale	Decision Period									Loss				
		Nacc_C	Ins_C	Cing_C	Prec_C	Lingual_G	Cing_G	ACC_G	Amyg_I	ACC_I	Cer_C	Prec_C	FSup_C	Putamen_I	ACC_I
High	HAS	r=-0.072, BF10=0.254	r=-0.166, BF10=0.331	r=-0.309, BF10=0.768	r=-0.332, BF10=0.928	r=-0.043, BF10=0.244	r=-0.013, BF10=0.239	r=-0.017, BF10=0.24	r=-0.042, BF10=0.244	r=-0.055, BF10=0.248	r=-0.163, BF10=0.327	r=-0.107, BF10=0.274	r=-0.066, BF10=0.251	r=-0.328, BF10=0.902	r=0.006, BF10=0.239
	HDS	r=0.009, BF10=0.239	r=-0.07, BF10=0.253	r=0.419*, BF10=2.252	r=0.057, BF10=0.248	r=-0.077, BF10=0.256	r=-0.234, BF10=0.462	r=0.119, BF10=0.283	r=-0.123, BF10=0.286	r=0.193, BF10=0.371	r=-0.133, BF10=0.294	r=-0.251, BF10=0.509	r=0.126, BF10=0.288	r=-0.247, BF10=0.499	r=0.15, BF10=0.311
	Y-BOCS	r=0.082, BF10=0.239	r=0.063, BF10=0.229	r=0.307, BF10=0.924	r=0.116, BF10=0.264	r=0.477*, BF10=9.37	r=-0.081, BF10=0.238	r=0.096, BF10=0.248	r=0.175, BF10=0.341	r=0.143, BF10=0.293	r=0.193, BF10=0.378	r=0.226, BF10=0.466	r=0.136, BF10=0.284	r=0.02, BF10=0.218	r=0.039, BF10=0.222
	Onset	r=-0.102, BF10=0.252	r=-0.125, BF10=0.273	r=-0.011, BF10=0.217	r=0.067, BF10=0.231	r=0.113, BF10=0.261	r=-0.108, BF10=0.257	r=-0.072, BF10=0.234	r=0.302, BF10=0.874	r=-0.096, BF10=0.248	r=-0.228, BF10=0.472	r=0.011, BF10=0.217	r=-0.049, BF10=0.224	r=-0.171, BF10=0.334	r=-0.048, BF10=0.224
Mid	HAS	r=0.108, BF10=0.274	r=0.024, BF10=0.241	r=0.192, BF10=0.37	r=0.393*, BF10=1.684	r=-0.094, BF10=0.265	r=0.202, BF10=0.388	r=0.266, BF10=0.561	r=-0.111, BF10=0.276	r=0.054, BF10=0.247	r=-0.049, BF10=0.246	r=-0.032, BF10=0.242	r=0.038, BF10=0.243	r=0.001, BF10=0.239	r=0.281, BF10=0.622
	HDS	r=0.105, BF10=0.272	r=0.207, BF10=0.399	r=0.365, BF10=1.263	r=0.127, BF10=0.289	r=-0.053, BF10=0.247	r=0.13, BF10=0.291	r=0.308, BF10=0.761	r=0.002, BF10=0.239	r=0.071, BF10=0.253	r=-0.142, BF10=0.303	r=-0.059, BF10=0.249	r=0.275, BF10=0.599	r=0.116, BF10=0.28	r=0.262, BF10=0.548
	Y-BOCS	r=0.151, BF10=0.303	r=0.238, BF10=0.506	r=0.282, BF10=0.729	r=0.091, BF10=0.244	r=0.306, BF10=0.913	r=0.011, BF10=0.217	r=0.307, BF10=0.925	r=0.277, BF10=0.697	r=0.096, BF10=0.248	r=0.001, BF10=0.217	r=0.018, BF10=0.218	r=0.217, BF10=0.439	r=0.215, BF10=0.431	r=0.113, BF10=0.261
	Onset	r=0.195, BF10=0.383	r=0.064, BF10=0.23	r=0.032, BF10=0.22	r=0.158, BF10=0.314	r=0.06, BF10=0.228	r=0.012, BF10=0.217	r=0.222, BF10=0.452	r=0.365*, BF10=1.746	r=0.164, BF10=0.322	r=-0.115, BF10=0.263	r=0.037, BF10=0.221	r=-0.006, BF10=0.217	r=0.3, BF10=0.857	r=0.139, BF10=0.288
Low	HAS	r=0.075, BF10=0.255	r=0.067, BF10=0.252	r=0.26, BF10=0.54	r=0.276, BF10=0.6	r=-0.142, BF10=0.303	r=0.137, BF10=0.298	r=-0.033, BF10=0.242	r=-0.08, BF10=0.257	r=-0.167, BF10=0.332	r=0.042, BF10=0.244	r=0.111, BF10=0.276	r=0.129, BF10=0.29	r=-0.114, BF10=0.279	r=0.02, BF10=0.24
	HDS	r=0.111, BF10=0.276	r=0.246, BF10=0.493	r=0.362, BF10=1.23	r=0.109, BF10=0.275	r=-0.095, BF10=0.266	r=0.13, BF10=0.292	r=0.134, BF10=0.295	r=-0.011, BF10=0.239	r=0.007, BF10=0.239	r=0.235, BF10=0.463	r=0.092, BF10=0.264	r=0.234, BF10=0.46	r=0.018, BF10=0.24	r=0.196, BF10=0.377
	Y-BOCS	r=0.075, BF10=0.235	r=0.187, BF10=0.364	r=0.164, BF10=0.323	r=0.13, BF10=0.278	r=0.248, BF10=0.549	r=0.079, BF10=0.237	r=0.103, BF10=0.253	r=0.233, BF10=0.49	r=0.083, BF10=0.239	r=0.333, BF10=1.203	r=0.087, BF10=0.242	r=0.09, BF10=0.244	r=0.356*, BF10=1.566	r=0.287, BF10=0.763
	Onset	r=0.035, BF10=0.22	r=0.063, BF10=0.23	r=0.205, BF10=0.405	r=0.081, BF10=0.239	r=0.005, BF10=0.217	r=-0.05, BF10=0.225	r=0.198, BF10=0.388	r=0.103, BF10=0.253	r=-0.068, BF10=0.232	r=-0.313, BF10=0.973	r=-0.159, BF10=0.314	r=-0.274, BF10=0.678	r=-0.167, BF10=0.327	r=0.085, BF10=0.241



**Figure S1.** The gambling task. At the beginning of each trial (Information phase), participants were informed about the amount of accumulated money and the value of the current bet; next (Decision phase), two decks were displayed facedown; finally (Outcome phase), the location of the ace of arts was displayed and the subjects received the feedback indicating that they either won or lost the bet.