

Table S2 Beta weights of all ICs at each task condition and related *p* values

IC	1	2	3	6	7	8	9	10	11	13	14	17	18	19	20	22	
Mean beta weight values																	
F	1	0.143	-0.381	-0.348	-0.050	-0.180	0.194	0.426	-0.099	0.070	-0.191	0.058	0.011	0.057	-0.175	-0.247	0.106
		0.470	1.463	1.221	1.273	0.854	0.829	0.801	1.420	1.147	1.711	0.887	0.560	0.375	0.848	0.792	0.880
	2	0.449	-0.135	-0.434	0.062	-0.135	-0.085	0.586	-0.144	-0.111	-0.733	-0.341	-0.043	0.025	0.384	-0.329	0.207
		0.585	0.956	1.144	2.215	0.979	0.799	1.000	1.567	0.738	1.643	0.961	0.608	0.583	0.812	1.158	1.035
	all	0.287	-0.265	-0.388	0.003	-0.159	0.062	0.501	-0.120	-0.015	-0.446	-0.130	-0.014	0.042	0.088	-0.285	0.153
		0.545	1.248	1.177	1.766	0.908	0.821	0.897	1.480	0.974	1.689	0.937	0.579	0.481	0.872	0.974	0.950
H	1	0.133	-0.355	0.401	0.127	-0.320	-0.175	-0.016	-0.152	-0.136	0.231	-0.127	-0.255	-0.133	0.019	-0.321	-0.023
		0.673	0.818	1.017	1.362	0.747	1.069	0.731	1.517	0.671	1.608	1.070	0.548	0.577	1.130	0.755	1.012
	2	-0.122	-0.189	0.386	-0.133	-0.225	0.229	-0.143	-0.188	0.185	0.200	0.142	-0.126	-0.045	-0.204	-0.130	0.001
		0.541	0.771	1.030	2.459	0.622	1.084	0.874	1.296	1.466	2.041	1.281	1.089	0.606	1.689	1.071	1.055
	all	0.013	-0.277	0.394	0.004	-0.275	0.015	-0.075	-0.169	0.015	0.217	0.000	-0.194	-0.092	-0.086	-0.231	-0.012
		0.624	0.795	1.016	1.946	0.687	1.087	0.798	1.407	1.120	1.811	1.173	0.842	0.588	1.414	0.916	1.025
N	1	-0.150	0.237	-0.251	-0.277	0.007	0.354	-0.122	0.148	0.131	-0.358	0.158	0.165	0.171	0.138	0.191	0.170
		0.495	0.649	1.172	0.929	0.793	1.111	0.632	1.283	0.712	1.843	0.824	0.551	0.504	1.062	0.819	0.674
	2	-0.093	-0.014	0.086	-0.007	-0.109	0.167	-0.074	0.302	-0.150	0.410	0.102	0.030	0.187	-0.140	0.085	0.086
		0.780	0.871	1.479	2.480	0.952	0.796	1.146	1.223	1.217	2.241	1.220	0.848	0.629	1.879	0.716	0.634
	all	-0.124	0.119	-0.092	-0.150	-0.047	0.266	-0.100	0.221	-0.001	0.004	0.132	0.102	0.179	0.007	0.141	0.130
		0.641	0.766	1.326	1.820	0.867	0.973	0.904	1.248	0.985	2.061	1.021	0.704	0.562	1.498	0.769	0.652
<i>P</i> values of group difference, condition difference, and their interaction																	
Group	.436	.580	.511	.750	.915	.793	.691	.869	.589	.680	.395	.720	.519	.811	.987	.847	
Con	.000*	.030	.004*	.907	.260	.392	.000*	.228	.979	.163	.306	.255	.121	.515	.029	.684	
Inter	.065	.353	.610	.769	.792	.155	.708	.913	.286	.200	.291	.644	.864	.206	.644	.872	
Continued																	
IC	23	31	33	34	35	36	37	40	44	45	50	52	54	55	57	60	
Mean beta weight values																	

F	1	0.085	-0.173	-0.327	-0.285	0.051	-0.022	0.098	-0.182	0.063	0.152	-0.371	-0.186	-0.207	0.011	-0.162	-0.306
		0.734	0.802	1.344	0.746	0.445	0.539	0.597	0.700	1.068	0.881	1.133	1.176	0.637	0.905	0.693	0.952
	2	-0.026	0.000	-0.273	-0.167	0.003	0.081	-0.002	0.052	-0.056	0.312	-0.214	0.363	-0.203	-0.022	-0.111	-0.080
		1.006	0.827	1.537	0.539	0.319	0.906	0.596	0.518	0.895	1.071	0.805	1.092	0.659	0.682	0.700	0.580
	all	0.033	-0.091	-0.301	-0.230	0.028	0.027	0.051	-0.072	0.007	0.227	-0.297	0.073	-0.205	-0.004	-0.138	-0.200
		0.867	0.812	1.428	0.655	0.389	0.731	0.594	0.627	0.985	0.971	0.988	1.162	0.643	0.802	0.691	0.801
H	1	-0.018	-0.129	-0.224	-0.308	-0.030	-0.046	0.053	-0.097	-0.101	0.071	-0.327	-0.228	-0.278	-0.201	-0.142	-0.182
		0.859	0.688	1.300	0.908	0.324	0.424	0.621	0.564	0.875	0.813	1.294	0.846	0.579	0.936	0.602	1.098
	2	0.125	-0.255	-0.227	-0.274	-0.057	-0.258	0.062	-0.220	0.166	0.022	-0.103	-0.067	-0.056	0.070	-0.299	-0.077
		0.840	0.860	1.418	0.831	0.350	0.640	0.427	1.027	0.785	1.076	1.118	1.727	0.694	0.840	0.769	1.036
	all	0.049	-0.188	-0.226	-0.292	-0.042	-0.146	0.057	-0.155	0.024	0.048	-0.222	-0.152	-0.173	-0.074	-0.216	-0.133
		0.847	0.770	1.346	0.866	0.334	0.543	0.534	0.811	0.838	0.939	1.211	1.327	0.641	0.896	0.685	1.062
N	1	0.085	0.056	-0.085	0.253	0.065	0.089	-0.016	0.179	-0.034	-0.004	0.192	0.113	-0.016	0.382	0.108	-0.071
		0.847	0.670	0.960	0.622	0.261	0.542	0.461	0.694	0.722	0.649	1.085	1.145	0.897	0.679	0.567	0.760
	2	-0.049	-0.038	0.443	0.111	0.056	-0.023	0.072	0.116	0.015	0.142	0.166	-0.254	-0.096	0.150	0.207	-0.126
		1.077	0.899	1.291	0.750	0.386	0.652	0.657	1.156	0.743	1.008	0.964	1.909	1.066	0.657	0.706	0.830
	all	0.022	0.012	0.163	0.186	0.061	0.036	0.025	0.149	-0.011	0.065	0.180	-0.059	-0.054	0.273	0.154	-0.097
		0.957	0.781	1.150	0.684	0.323	0.595	0.559	0.933	0.727	0.834	1.022	1.551	0.973	0.674	0.634	0.788
P values of group difference, condition difference, and their interaction																	
Group	.610	.779	.071	.961	.379	.171	.985	.756	.320	.337	.140	.213	.972	.463	.971	.390	
Con	.983	.468	.067	.002*	.297	.154	.960	.283	.965	.570	.040	.521	.001*	.920	.008	.751	
Inter	.693	.588	.538	.660	.959	.432	.687	.503	.532	.806	.837	.246	.208	.567	.586	.695	

The IC row shows the IC numbers.

F: Fearful; H: happy; N: neutral; Group: group difference; Con: condition difference; Inter: group and condition interaction. In each condition, 1: health control; 2: MDD; all: all the subjects. In each group, the upper row shows mean beta weight values, the lower row shows the standard deviations.

*: IC that survived after FDR correction with $p < 0.05$.