

SUPPLEMENT

When Emotions Hurt: Reduced Differentiation Between Physiological and Emotional States in Fibromyalgia

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Table S1

Post Hoc Comparisons for the proportions of pixels painted between body sensation maps.

		Mean Difference	SE	t	Cohen's d	p _{holm}
Fear	Sadness	0.020	0.034	0.580	0.090	1.000
	Happiness	0.010	0.034	0.299	0.046	1.000
	Anger	0.031	0.034	0.932	0.144	1.000
	Disgust	0.117	0.034	3.464	0.535	0.029
	Surprise	0.116	0.034	3.422	0.529	0.033
	Anxiety	0.014	0.034	0.424	0.065	1.000
	Stomach ache	0.057	0.034	1.678	0.259	1.000
	Headache	0.048	0.034	1.419	0.219	1.000
	Neutral state	0.163	0.034	4.821	0.745	< .001
	Physical fatigue	-0.169	0.034	-4.992	-0.772	< .001
Sadness	Mental fatigue	0.041	0.034	1.214	0.188	1.000
	Happiness	-0.009	0.034	-0.281	-0.043	1.000
	Anger	0.012	0.034	0.352	0.054	1.000
	Disgust	0.097	0.034	2.884	0.446	0.170
	Surprise	0.096	0.034	2.842	0.439	0.189
	Anxiety	-0.005	0.034	-0.156	-0.024	1.000
	Stomach ache	0.037	0.034	1.098	0.170	1.000
	Headache	0.028	0.034	0.840	0.130	1.000
	Neutral state	0.143	0.034	4.242	0.656	0.001
	Physical fatigue	-0.188	0.034	-5.572	-0.861	< .001
Happiness	Mental fatigue	0.021	0.034	0.635	0.098	1.000
	Anger	0.021	0.034	0.633	0.098	1.000
	Disgust	0.107	0.034	3.165	0.489	0.077
	Surprise	0.105	0.034	3.123	0.483	0.085
	Anxiety	0.004	0.034	0.125	0.019	1.000
	Stomach ache	0.047	0.034	1.379	0.213	1.000
	Headache	0.038	0.034	1.120	0.173	1.000
	Neutral state	0.153	0.034	4.522	0.699	< .001
	Physical fatigue	-0.179	0.034	-5.291	-0.818	< .001
	Mental fatigue	0.031	0.034	0.915	0.141	1.000
Anger	Disgust	0.086	0.034	2.532	0.391	0.458
	Surprise	0.084	0.034	2.490	0.385	0.502
	Anxiety	-0.017	0.034	-0.508	-0.079	1.000
	Stomach ache	0.025	0.034	0.746	0.115	1.000
	Headache	0.016	0.034	0.487	0.075	1.000
	Neutral state	0.131	0.034	3.889	0.601	0.006

Disgust	Physical fatigue	-0.200	0.034	-5.924	-0.916	< .001
	Mental fatigue	0.010	0.034	0.282	0.044	1.000
	Surprise	-0.001	0.034	-0.042	-0.007	1.000
	Anxiety	-0.103	0.034	-3.040	-0.470	0.109
	Stomach ache	-0.060	0.034	-1.786	-0.276	1.000
	Headache	-0.069	0.034	-2.045	-0.316	1.000
Surprise	Neutral state	0.046	0.034	1.357	0.210	1.000
	Physical fatigue	-0.286	0.034	-8.456	-1.307	< .001
	Mental fatigue	-0.076	0.034	-2.250	-0.348	0.926
	Anxiety	-0.101	0.034	-2.998	-0.463	0.122
	Stomach ache	-0.059	0.034	-1.744	-0.270	1.000
	Headache	-0.068	0.034	-2.002	-0.309	1.000
Anxiety	Neutral state	0.047	0.034	1.400	0.216	1.000
	Physical fatigue	-0.284	0.034	-8.414	-1.300	< .001
	Mental fatigue	-0.075	0.034	-2.207	-0.341	1.000
	Stomach ache	0.042	0.034	1.254	0.194	1.000
	Headache	0.034	0.034	0.996	0.154	1.000
	Neutral state	0.149	0.034	4.398	0.680	< .001
Stomach ache	Physical fatigue	-0.183	0.034	-5.416	-0.837	< .001
	Mental fatigue	0.027	0.034	0.791	0.122	1.000
	Headache	-0.009	0.034	-0.258	-0.040	1.000
	Neutral state	0.106	0.034	3.144	0.486	0.081
	Physical fatigue	-0.225	0.034	-6.670	-1.031	< .001
	Mental fatigue	-0.016	0.034	-0.463	-0.072	1.000
Headache	Neutral state	0.115	0.034	3.402	0.526	0.035
	Physical fatigue	-0.217	0.034	-6.411	-0.991	< .001
	Mental fatigue	-0.007	0.034	-0.205	-0.032	1.000
Neutral state	Physical fatigue	-0.332	0.034	-9.813	-1.517	< .001
	Mental fatigue	-0.122	0.034	-3.607	-0.558	0.018
Physical fatigue	Mental fatigue	0.210	0.034	6.206	0.959	< .001

Note. P-value adjusted for comparing a family of 66

Note. Results are averaged over the levels of: Group

Note. Significant comparisons are depicted in **bold**.

Table S2

Post Hoc Comparisons for the classification accuracies between the groups for each body sensation map. FM - fibromyalgia

No	contrast	BSM	Mean Difference	SE	df	t	p_{holm}
1	FM - Control	Fear	-8.15	0.20	1998.00	-40.32	< .001
2	FM - Control	Sadness	-4.58	0.22	1998.00	-21.03	< .001
3	FM - Control	Happiness	-3.14	0.28	1998.00	-11.36	< .001
4	FM - Control	Anger	-17.38	0.27	1998.00	-64.28	< .001
5	FM - Control	Disgust	-1.36	0.26	1998.00	-5.21	< .001
6	FM - Control	Surprise	4.21	0.21	1998.00	20.15	< .001
7	FM - Control	Anxiety	-3.71	0.14	1998.00	-26.99	< .001
8	FM - Control	Stomach ache	-24.49	0.30	1998.00	-82.45	< .001
9	FM - Control	Headache	-24.73	0.28	1998.00	-88.31	< .001
10	FM - Control	Neutral state	-64.90	0.33	1998.00	-197.63	< .001
11	FM - Control	Physical fatigue	-10.82	0.29	1998.00	-37.06	< .001
12	FM - Control	Mental fatigue	-1.07	0.24	1998.00	-4.39	< .001