Table S1: Fixed Effects Variables Relationships to Pain Outcomes in Initial Models

Outcome Predictors	B	SE	*t*-value	*p*-value	Cohen's *d*
Pain Unpleasantness					
Session*	-0.16	0.064	-2.557	.011	-0.103
Segment[a]	0.03	0.091	0.379	.705	0.015
Temperature*	3.13	0.065	48.315	<.001	1.943
Removal*	1.21	0.199	6.078	<.001	0.242
Trial	0.008	0.014	0.610	.542	0.025
Age (in years)*	-0.05	0.022	-2.314	.023	-0.442
Gender[b]	-0.45	0.652	-0.695	.559	-0.988
Language[c]	0.02	0.091	0.249	.804	0.010
Cultural Dominance	-0.31	0.258	-1.187	.236	-0.066
Language x Segment	-0.02	0.129	-0.146	.884	-0.006
Language x Cultural Dominance	0.06	0.189	0.303	.762	0.012
Language x Segment x Cultural Dominance	-0.20	0.184	-1.083	.279	-0.044
Pain Intensity					
Session*	-0.27	0.062	-4.269	<.001	-0.171
Segment[a]	-0.02	0.088	-0.184	.854	-0.007
Temperature*	3.10	0.063	49.102	<.001	1.975
Removal*	0.88	0.194	4.511	<.001	0.180
Trial	0.004	0.013	0.327	.744	0.013
Age (in years)*	-0.05	0.022	-2.488	.014	-0.473
Gender[b]	-0.39	0.498	-0.792	.513	-1.136
Language[c]	0.02	0.089	0.180	.857	0.007
Cultural Dominance	0.05	0.252	0.195	.845	0.011
Language x Segment	0.10	0.125	0.769	.442	0.031
Language x Cultural Dominance*	-0.47	0.184	-2.535	.011	-0.102
Language x Segment x Cultural Dominance	0.09	0.179	0.512	.609	0.021
Pain Evoked Physiological Arousal (mSCRa)					
Session*	-0.16	0.030	-5.236	<.001	-0.216
Segment*[a]	-0.28	0.042	-6.651	<.001	-0.275
Temperature*	0.88	0.030	29.555	<.001	1.222
Removal*	-0.24	0.089	-2.726	.006	-0.112
Trial*	-0.08	0.006	-12.989	<.001	-0.538
Age (in years)*	-0.05	0.010	-4.442	<.001	-0.839
Gender[b]	0.19	0.199	0.971	.335	0.225
Language[c]	0.06	0.042	1.315	.189	0.054
Cultural Dominance	-0.06	0.117	-0.537	.591	-0.030
Language x Segment	-0.05	0.059	-0.913	.361	-0.038

Language x Cultural Dominance*	-0.20	0.085	-2.337	.020	-0.097
Language x Segment x Cultural Dominance	0.08	0.084	0.924	0.356	0.038

*Variables with significant ($p <.05$) slopes. [a]Segment denotes comparison between pre-priming and post-priming trials, with negative values corresponding to higher pain outcomes pre-priming. [b]Negative values for gender denote higher pain outcomes in women. [c]Language coded as 0 for English, 1 for Spanish with negative values denoting higher pain outcomes in English. B-slope, SE-Standard Error, mSCRa- mean skin conductance response amplitude