

# Perception of Discrete Emotions in Others: Evidence for Distinct Facial Mimicry Patterns

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## Supplementary Figure S1

z-standardised means		Z-standardised mean facial muscle activity per emotion category									
Facial muscle site	anger	disgust	fear	happiness	sadness	surprise	neutral	contempt	embarrassment	pride	
zygomaticus	-0.32	-0.15	-0.02	0.48	-0.20	-0.20	-0.21	-0.15	-0.11	-0.89	
depressor	-0.07	0.04	-0.17	0.18	-0.08	-0.37	0.12	0.10	-0.07	0.32	
levator	0.09	0.13	-0.12	0.26	-0.17	-0.14	0.00	-0.07	-0.34	0.35	
corrugator	0.28	0.34	-0.02	-0.63	0.58	-0.01	0.26	0.08	0.18	-1.04	
frontalis	-0.18	-0.10	-0.09	-0.38	0.40	0.35	0.31	0.26	0.12	-0.69	

Z-standardised facial muscle activation patterns per emotion category. Standardisation was conducted on the mean responses for each participant and EMG channels separately. Golden bars represent lower than average activity in response to the stimuli and blue bars represent greater than average activity in response to the stimuli. Error bars represent the 95% confidence intervals of the means.