S6 Table. Performance indices for human observers and automatic classifiers by emotion in the context of spontaneous expressions.

Emotion	TPR	PPV	TNR	F1
Human Observers				
anger	0.08	0.52	1.00	0.14
disgust	0.89	0.60	0.88	0.71
fear	0.11	0.26	0.98	0.15
happiness	0.97	0.83	0.89	0.89
sadness	0.54	0.68	0.97	0.60
surprise	0.81	0.68	0.92	0.74
Affectiva				
anger	0.00	0.00	0.99	
disgust	0.39	0.44	0.80	0.41
fear	0.09	0.23	0.98	0.13
happiness	0.75	0.78	0.84	0.76
sadness	0.19	0.13	0.93	0.15
surprise	0.77	0.43	0.86	0.55
CrowdEmotion				
anger	0.00	0.00	0.99	
disgust	0.36	0.29	0.78	0.33
fear	0.15	0.15	0.98	0.15
happiness	0.63	0.80	0.82	0.70
sadness	0.24	0.42	0.95	0.30
surprise	0.33	0.06	0.79	0.10
Emotient				
anger	0.02	0.33	1.00	0.04
disgust	0.83	0.38	0.82	0.52
fear	0.22	0.31	0.98	0.26
happiness	0.70	0.93	0.93	0.80
sadness	0.70	0.58	0.96	0.42
surprise	0.59	0.10	0.80	0.17
-	0.00	0.10	0.00	0.11
Microsoft	0.09	0.88	1.00	0.05
anger	0.03	0.33	1.00	0.05
disgust	1.00	0.04	0.75	0.08
fear	0.63	0.00	0.97	0.77
happiness sadness	0.63 $0.21$	0.98	0.98	$0.77 \\ 0.32$
	0.21 $0.50$	$0.66 \\ 0.05$	$0.96 \\ 0.79$	0.32 $0.09$
surprise	0.50	0.05	0.79	0.09
MorphCast	0.00	0.00	4.00	0.07
anger	0.03	0.33	1.00	0.05
disgust	0.51	0.46	0.82	0.49
fear	0.05	0.31	0.98	0.08
happiness	0.78	0.59	0.75	0.67
sadness	0.24	0.47	0.95	0.32
surprise	0.58	0.11	0.80	0.18
Neurodata Lab				
anger	0.08	1.00	1.00	0.14
disgust	0.70	0.41	0.82	0.52
fear	0.15	0.15	0.98	0.15
happiness	0.79	0.83	0.88	0.81
sadness	0.21	0.76	0.97	0.33
surprise	1.00	0.04	0.79	0.08
VicarVision				
anger	0.01	0.33	0.99	0.02
disgust	0.82	0.19	0.78	0.31
fear	0.05	0.15	0.97	0.08
happiness	0.75	0.80	0.85	0.77
sadness	0.27	0.66	0.97	0.38
surprise	0.69	0.11	0.80	0.19
Visage Technologies				
anger	0.02	0.33	1.00	0.03
disgust	0.79	0.26	0.80	0.39
fear	0.06	0.08	0.97	0.07
happiness	0.71	0.85	0.87	0.77
sadness	0.20	0.61	0.96	0.30
	0.20	0.01	0.79	0.00