S5 Table. Performance indices for human observers and automatic classifiers by emotion in the context of posed expressions.

Emotion	TPR	PPV	TNR	F1
Human Observers				
anger	0.68	0.66	0.93	0.67
disgust	0.64	0.55	0.91	0.59
fear	0.73	0.52	0.91	0.61
happiness	0.92	0.97	0.99	0.94
sadness	0.90	0.86	0.97	0.88
surprise	0.84	0.87	0.97	0.86
Affectiva				
anger	0.60	0.23	0.86	0.33
disgust	0.29	0.67	0.91	0.40
fear	0.41	0.17	0.85	0.24
happiness	0.68	0.83	0.97	0.75
sadness	0.47	0.32	0.87	0.38
surprise	0.57	0.57	0.92	0.57
CrowdEmotion				
anger	0.54	0.35	0.88	0.42
disgust	0.38	0.50	0.89	0.43
fear	0.67	0.10	0.85	0.18
happiness	0.50	0.97	0.99	0.66
sadness	0.60	0.31	0.87	0.41
surprise	0.59	0.83	0.96	0.69
Emotient				
anger	0.72	0.55	0.91	0.62
disgust	0.56	0.77	0.95	0.65
fear	0.95	0.26	0.87	0.40
happiness	0.61	0.96	0.99	0.75
sadness	0.74	0.67	0.93	0.70
surprise	0.77	0.86	0.97	0.81
Microsoft				
anger	0.56	0.28	0.87	0.38
disgust	0.65	0.36	0.88	0.46
fear	1.00	0.06	0.84	0.12
happiness	0.47	1.00	1.00	0.64
sadness	0.53	0.82	0.96	0.64
surprise	0.72	0.88	0.98	0.80
MorphCast				
anger	0.36	0.26	0.86	0.30
disgust	0.53	0.45	0.89	0.49
fear	0.38	0.33	0.87	0.36
happiness	0.67	0.87	0.97	0.76
sadness	0.51	0.58	0.91	0.54
surprise	0.65	0.74	0.95	0.69
Neurodata Lab				
anger	0.57	0.26	0.87	0.35
disgust	0.53	0.68	0.93	0.60
fear	0.48	0.18	0.85	0.26
happiness	0.78	0.95	0.99	0.86
sadness	0.49	0.79	0.95	0.61
surprise	0.72	0.77	0.95	0.74
VicarVision				
anger	0.60	0.44	0.89	0.50
disgust	0.59	0.65	0.93	0.62
fear	0.76	0.36	0.88	0.49
happiness	0.73	0.96	0.99	0.83
sadness	0.62	0.85	0.97	0.72
surprise	0.84	0.84	0.97	0.84
Visage Technologies				
anger	0.55	0.50	0.90	0.52
disgust	0.63	0.53	0.91	0.57
fear	0.59	0.24	0.86	0.35
happiness	0.62	0.95	0.99	0.75
sadness	0.60	0.76	0.95	0.67
surprise	0.75	0.79	0.96	0.77