Supplemental Table 1.

Nominations for tasks/paradigms that may show promise with continued development.

Tasks
Combined Stories Task (COST)[1]
Davos Assessment of Cognitive Biases Scale (DACOBS)[2]
*Director Task[3]
Emotion Recognition with Dynamic Virtual Faces[4]
Empathic Accuracy Task[5]
Facial Emotions Recognition Task (TREF)[6]
Geneva Emotion Recognition Test (GERT)[7]
High-Risk Social Challenge task (HiSoC)[8]
Intentionality Bias Task (IBT)[9]
Interview Task[10]
Mini-Social Cognition and Emotional Assessment (mini-SEA)[11]
Movie for the Assessment of Social Cognition (MASC)[12]
Short Empathy Paradigm[13]
Short Story Task (SST)[14]
Social Learning Task[15, 16]
Social Perception and Interaction Database (SoPID)[17]
Social Skills Performance Assessment (SSPA)[18]
Virtual Assessment of Mentalising Ability (VAMA)[19]
Web-based version of the Frith–Happé Animations Test[20]

Paradigms
*Eye-tracking combined with task performance
Multimodal analysis of social interactions
*Racially diverse (or race/ethnicity matched to participant) stimuli
*Smartphone app-based assessments/EMA assessments
*Virtual reality tasks

* Nominated multiple times

Supplemental Table 2.

Characteristics of expert survey respondents.

	N	%
Country of Residence		
Australia	3	3.1
Belgium	1	1.0
Brazil	1	1.0
Canada	3	3.1
Chile	1	1.0
China	1	1.0
Demark	2	2.0
England	1	1.0
France	1	1.0
Great Britian	1	1.0
Germany	3	3.1
Greece	1	1.0
Hong Kong	2	2.0
India	5	5.1
Italy	1	1.0
Japan	1	1.0
Mexico	2	2.0
Netherlands	14	14.3
Norway	1	1.0
Poland	1	1.0
Slovak Republic	4	4.1
South Korea	3	3.1
Spain	4	4.1
United Kingdom	5	5.1
United States	29	29.6
Field left blank	7	7.1
Gender Identity		
Man	49	50.0
Woman	43	43.9
Gender Variant/Non-Conforming	1	1.0
Prefer not to answer	2	2.0
Field left blank	3	3.1
Age		
20-24	1	1.0
25-29	2	2.0
30-34	14	14.3
35-39	13	13.3
40-44	21	21.4
45-49	16	16.3

50-54	7	7.1
55-59	4	4.1
60-64	8	8.2
65-69	6	6.1
70+	2	2.0
Prefer not to answer	2	2.0
Field left blank	2	2.0
Racial/Ethnic Background		
Asian	6	6.1
Caucasian	46	46.9
Chinese	1	1.0
East-Asian	1	1.0
Han Chinese	1	1.0
Hispanic	1	1.0
Indian	1	1.0
Korean	1	1.0
Latin	3	3.1
Sephardi	1	1.0
Field left blank	36	36.7
Organizational Affiliation(s)*		
University	62	63.3
University Medical Center	37	37.8
Mental health care organization (non-academic)	7	7.1
Research Institute (non-academic)	4	4.1
Commercial Industry	1	1.0
Non-profit	2	2.0
Other	2	2.0
Position(s)*		
Professor/Lecturer (any level)	69	70.4
Researcher	35	35.7
Clinician	18	18.4
Service User	2	2.0
Other	4	4.1
Population(s) of Study		
Schizophrenia/psychosis	35	35.7
High-risk for psychosis	10	10.2
Depression	4	4.1
Bipolar disorder	7	7.1
Autism and neurodevelopmental disorders	7	7.1
Neurodegenerative diseases	7	7.1
Traumatic brain injuries	4	4.1
Cerebrovascular accident	5	5.1
General population	13	13.3
Other	2	2.0

* Respondents could select multiple options, and thus percentages may add up to > 100.

Supplemental Table 3.

Remaining Ranked Tasks for Cross-Cultural Use from Delphi Round 3

Task	Number of Selections	Weighted Mean Rank	Suitability Rating
Emotion Recognition			
Mayer-Salovey-Caruso Emotional Intelligence Test (MSCEIT)	5	0.83 (1.58)	6.40 (1.52)
Multimodal Emotion Recognition Test (MERT)	3	0.61 (1.53)	5.00 (1.00)
Geneva Emotion Recognition Test (GERT)	3	0.56 (1.16)	7.33 (1.53)
Observable Social Cognition Task (OSCARS)	3	0.56 (1.16)	6.67 (0.58)
Emotion Recognition Task (ERT)	4	0.56 (1.73)	6.25 (1.50)
The Awareness of Social Inference Test (TASIT)	2	0.44 (1.41)	4.50 (0.71)
Emotion Recognition Task (ERT) - CANTAB version	2	0.39 (0.71)	6.50 (0.71)
Affective Responsiveness Task	2	0.39 (0.71)	4.00 (1.41)
Face Emotion Discrimination Test (FEDT)	2	0.33 (0.00)	6.00 (1.41)
Test de Reconnaissance des Emotions Faciales (TREF)	1	0.22 (n/a)	5.00 (n/a)
MINI Social Cognition & Emotional Assessment (MINI-SEA)	2	0.17 (0.71)	6.00 (0.00)
Facial Emotion Identification Task (FEIT)	1	0.17 (n/a)	6.00 (n/a)
The Penn Emotion Acuity Test (PEAT)	1	0.11 (n/a)	7.00 (n/a)
Ekman Faces Test (FEEST)	1	0.11 (n/a)	3.00 (n/a)
Continuous Facial Sequence Task (CFST)	0		
Florida Affect Battery (FAB)	0		
Reading the Mind in the Voice (RMVT)	0		
Mental State Attribution			
Movie for the Assessment of Social Cognition (MASC)	6	0.83 (1.38)	4.33 (1.63)
Strange Stories Task	4	0.78 (1.00)	5.25 (1.50)
Reading the Mind in the Eyes Test (RMET)	3	0.72 (1.16)	7.33 (0.58)
Happé's Cartoon Task	5	0.72 (0.89)	6.20 (0.48)
Virtual Assessment of Mentalising Ability (VAMA)	5	0.67 (1.67)	5.40 (2.30)
Faux Pas Test	4	0.56 (1.92)	5.00 (1.41)
The Social Attribution Task	2	0.39 (2.12)	7.50 (2.12)
Edinburgh Social Cognition Test (ESCoT)	2	0.33 (1.41)	6.50 (2.12)
Combined Stories task (COST)	1	0.28 (n/a)	7.00 (n/a)

MINI Social Cognition & Emotional Assessment (MINI-SEA)	2	0.28 (0.71)	5.50 (0.71)
Strange Stories Short Film Task (SSFT)	0		

Supplemental Table 4.

Remaining Ranked Tasks for Transdiagnostic Use from Delphi Round 3

Task	Number of Selections	Weighted Mean Rank	Suitability Rating
Emotion Recognition			
Multimodal Emotion Recognition Test (MERT)	3	0.61 (0.58)	6.67 (0.58)
Dynamic Virtual Faces (DVFs)	4	0.61 (1.26)	6.50 (0.58)
Mayer-Salovey-Caruso Emotional Intelligence Test (MSCEIT)	3	0.61 (2.31)	6.33 (0.58)
Observable Social Cognition Task (OSCARS)	2	0.56 (0.00)	6.00 (1.41)
Reading the Mind in the Eyes Test (RMET)	3	0.50 (2.00)	6.67 (1.53)
Ekman Faces Test (FEEST)	2	0.50 (0.71)	6.50 (0.71)
MINI Social Cognition & Emotional Assessment (MINI-SEA)	3	0.50 (1.00)	6.33 (0.58)
Emotion Recognition Task (ERT) - CANTAB version	2	0.28 (2.21)	7.50 (0.71)
The Penn Emotion Acuity Test (PEAT)	1	0.22 (n/a)	6.00 (n/a)
Facial Emotion Identification Task (FEIT)	1	0.22 (n/a)	5.00 (n/a)
Levels of Emotional Awareness	1	0.17 (n/a)	6.00 (n/a)
Face Emotion Discrimination Test (FEDT)	1	0.17 (n/a)	5.00 (n/a)
Florida Affect Battery (FAB)	1	0.11 (n/a)	5.00 (n/a)
Affective Responsiveness Task	0		
Continuous Facial Sequence Task (CFST)	0		
Reading the Mind in the Voice (RMVT)	0		
Test de Reconnaissance des Emotions Faciales (TREF)	0		
Mental State Attribution			
Observable Social Cognition Task (OSCARS)	4	0.67 (0.82)	6.50 (1.30)
Virtual Assessment of Mentalising Ability (VAMA)	4	0.67 (1.83)	6.50 (1.73)
Movie for the Assessment of Social Cognition (MASC)	6	0.67 (0.89)	6.00 (1.27)
Faux Pas Test	3	0.61 (1.16)	7.33 (0.58)
MINI Social Cognition & Emotional Assessment (MINI-SEA)	2	0.50 (0.71)	6.00 (0.00)
Combined Stories task (COST)	3	0.50 (1.73)	6.00 (2.65)
The Social Attribution Task	2	0.44 (1.41)	8.50 (0.71)
Happé’s Cartoon Task	2	0.33 (1.410	6.00 (0.00)
Edinburgh Social Cognition Test (ESCoT)	2	0.28 (2.12)	6.00 (0.00)

Strange Stories Task	1	0.06 (n/a)	5.00 (n/a)
Strange Stories Short Film Task (SSFT)	0		

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