## **Supplementary Material**

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#### eMethods1. Search strategies

## MEDLINE (OvidSP)

- 1. EPDS.af.
- 2. Edinburgh Postnatal Depression.af.
- 3. Edinburgh Depression Scale.af.
- 4. or/1-3
- 5. Mass Screening/
- 6. Psychiatric Status Rating Scales/
- 7. "Predictive Value of Tests"/
- 8. "Reproducibility of Results"/
- 9. exp "Sensitivity and Specificity"/
- 10. Psychometrics/
- 11. Prevalence/
- 12. Reference Values/
- 13. Reference Standards/
- 14. exp Diagnostic Errors/
- 15. Mental Disorders/di, pc [Diagnosis, Prevention & Control]
- 16. Mood Disorders/di, pc [Diagnosis, Prevention & Control]
- 17. Depressive Disorder/di, pc [Diagnosis, Prevention & Control]
- 18. Depressive Disorder, Major/di, pc [Diagnosis, Prevention & Control]
- 19. Depression, Postpartum/di, pc [Diagnosis, Prevention & Control]
- 20. Depression/di, pc [Diagnosis, Prevention & Control]
- 21. validation studies.pt.
- 22. comparative study.pt.
- 23. screen\*.af.
- 24. prevalence.af.
- 25. predictive value\*.af.
- 26. detect\*.ti.
- 27. sensitiv\*.ti.
- 28. valid\*.ti.
- 29. revalid\*.ti.
- 30. predict\*.ti.
- 31. accura\*.ti.
- 32. psychometric\*.ti.
- 33. identif\*.ti.
- 34. specificit\*.ab.
- 35. cut?off\*.ab.
- 36. cut\* score\*.ab.
- 37. cut?point\*.ab.
- 38. threshold score\*.ab.
- 39. reference standard\*.ab.
- 40. reference test\*.ab.
- 41. index test\*.ab.
- 42. gold standard.ab.
- 43. or/5-42
- 44. 4 and 43

# PsycINFO (OvidSP)

- 1. EPDS.af.
- 2. Edinburgh Postnatal Depression.af.
- 3. Edinburgh Depression Scale.af.
- 4. or/1-3
- 5. Diagnosis/
- 6. Medical Diagnosis/
- 7. Psychodiagnosis/

- 8. Misdiagnosis/
- 9. Screening/
- 10. Health Screening/
- 11. Screening Tests/
- 12. Prediction/
- 13. Cutting Scores/
- 14. Psychometrics/
- 15. Test Validity/
- 16. screen\*.af.
- 17. predictive value\*.af.
- 18. detect\*.ti.
- 19. sensitiv\*.ti.
- 20. valid\*.ti.
- 21. revalid\*.ti.
- 22. accura\*.ti.
- 23. psychometric\*.ti.
- 24. specificit\*.ab.
- 25. cut?off\*.ab.
- 26. cut\* score\*.ab.
- 27. cut?point\*.ab.
- 28. threshold score\*.ab.
- 29. reference standard\*.ab.
- 30. reference test\*.ab.
- 31. index test\*.ab.
- 32. gold standard.ab.
- 33. or/5-32
- 34. 4 and 33

## Web of Science (Web of Knowledge)

- #1. TS=(EPDS OR "Edinburgh Postnatal Depression" OR "Edinburgh Depression Scale")
- #2. TS=(screen\* OR prevalence OR "predictive value\*" OR detect\* OR sensitiv\* OR valid\* OR revalid\* OR predict\* OR accura\* OR psychometric\* OR identif\* OR specificit\* OR cutoff\* OR "cut off\*" OR "cut\* score\*" OR cutpoint\* OR "cut point\*" OR "threshold score\*" OR "reference standard\*" OR "reference test\*" OR "index test\*" OR "gold standard" OR "reliab\*")

#2 AND #1

Databases=SCI-EXPANDED, SSCI, A&HCI

### eMethods2. QUADAS-2 coding manual for primary studies included in the present study

#### **Domain 1: Participant Selection**

- 1. Signalling question 1 Was a consecutive or random sample of patients enrolled?: Code as "yes" if a consecutive or random sample of participants were recruited for the study and the percentage of eligible participants who participate is ≥75%. If the study indicates that consecutive or random participants were recruited, but does not give an indication of the total number of eligible participants and how many agreed to participate in the study, this should be rated "unclear". If the percentage of eligible participants included in the study was between ≥50% and <75%, then this should also be marked as "unclear". If a very low rate of eligible participants (<50%) were included in the study, this should be coded "no." In "Notes", please provide the relevant numbers and percentages used to make a determination. If a convenience sample of participants was recruited for the study or if the study was a case-control design, code as "no".
- 2. <u>Signalling question 2 Was a case-control design avoided?</u>: Code as "yes" if the study did not employ a case-control design. Code as "no" if the study used a case-control design.
- 3. <u>Signalling question 3 Did the study avoid inappropriate exclusions?</u>: Inappropriate exclusions refer to situations where an important part of the screening population was excluded from the study based on characteristics that could be related to screening results. Code as "yes" if the study does not inappropriately exclude participants. Code as "no" if the study inappropriately excludes participants.
- 4. Overall risk of bias: Rate as "low", "High", or "unclear" as described in QUADAS-2. Please indicate factors in decision in "Notes". NOTE: if signalling question 1 was coded "Unclear" the overall risk of bias is either a) Unclear, in cases where the denominator is not specified, or the percentage cannot be calculated, or method of participant selection is unclear OR b) Low, in cases where the percentage can be calculated, and is between 50-75%. If signalling question 1 is a "no" and signalling questions 2 and 3 are both "yes" then the risk of bias is coded "Unclear".
- 5. Applicability concerns: Code as "low" if study excluded participants who were already diagnosed or treated for depression or if the study included these patients, but they can be excluded using the individual patient data. Also code as "low" if the study did not exclude participants already diagnosed with depression and the overall percentage of these participants is low (e.g., ≤ 2.0% of total participants), even if there is not a variable to exclude them. Code "unclear" if the study did not exclude participants already diagnosed or treated for depression and it is not known how many diagnosed and treated patients were included or if the percentage is moderate (e.g., >2.0% but ≤ 5.0%). Code "High" if already diagnosed and treated patients are included and make up > 5.0% of the total sample and there is not a variable to exclude them. Please see aggregated study information sheet to code this.

### **Domain 2: Index Test**

- 1. Signalling question 1 Were the index test results interpreted without the knowledge of the results of the reference standard?: Code this item as "N/A" for all studies, as the index test is scored and does not require interpretation.
- 2. <u>Signalling question 2 If a threshold was used, was it pre-specified?</u>: Code this item as "N/A" for all studies, as individual participant data allows for testing at all thresholds/cut-offs.
- 3. Overall risk of bias: Rate this item as "low" for all studies since the interpretation of the index test is fully automated in scoring self-report depressive symptom questionnaires and the individual participant data allows for testing at all thresholds/cut-offs.
- 4. **Applicability concerns:** Code "low" if the standard language version of the index test was used or if a translated version was used with an appropriate translation and back-translation process, or a translated version

is located online. Code "unclear" if a translated version was used and it is not clear what steps were taken to ensure the quality of the translation or if only forward translation was used.

### **Domain 3: Reference Standard**

- 1. <u>Signalling question 1 Is the reference standard likely to correctly classify the condition?</u>: This question will be coded as "yes" for all studies because the use of a validated semi- or fully-structured psychiatric interview to assess participants for a DSM or ICD diagnosis of MDD/MDE is an eligibility requirement.
- 2. Signalling question 2 Were the reference standard results interpreted without knowledge of the results of the index test?: Code as "yes" if the person administering the diagnostic interview was blinded to the participant's score on the index test, or if the diagnostic interview was administered before the index test. Code as "no" if the person administering the diagnostic interview was not blinded or was aware of the participant's score on the index test. Code as "unclear" if the study does not indicate whether blinding occurred and we cannot ascertain whether blinding occurred.
- 3. Study-specific Signalling question 3 Did a qualified person administer the reference standard?: Specific clinical training is required. For semi-structured interviews, this will be coded "yes" if a trained mental health diagnostician administered the clinical interview (e.g., psychiatrist, psychologist, clinician, social worker, general practitioner, psychiatric nurse) or if non-clinicians who have comprehensive diagnostic experience and documented adequate training administered the clinical interview (e.g. trained doctoral student, research assistant, nurse, nurse practitioner, advanced practice nurse). Code "no" if individuals without the required training administered the reference standard (e.g., student, research assistant, nurse without documented extensive training necessary). Code "unclear" if the characteristics of personnel who administered the diagnostic interview cannot be ascertained or if a vague description of training is provided (e.g., trained research assistants with no additional information). If the name of the interviewer is provided in the article, but no credentials are listed, then code based on credentials retrieved online for the interviewer.
- 4. **Overall risk of bias:** The coding of this item should consider blinding of the person administering the diagnostic interview to the participant's score on the index test and the qualifications of individuals administering the reference standard interview.
- 5. Applicability concerns: This item will be coded as "low" for most standard language studies, since the use of a validated semi- or fully-structured psychiatric interview to assess participants for a DSM or ICD diagnosis of MDD/MDE is an eligibility requirement. For translated versions of a validated reference standard, code "low" if a translated version was used with an appropriate translation and back-translation process, or a translated version is located online. Code "unclear" if a translated version was used and it is not clear what steps were taken to ensure the quality of the translation or if only forward translation was used.

## **Domain 4: Flow and Timing**

- 1. Signalling question 1 Was there an appropriate interval between index test and reference standard?:

  Only patient data with two weeks or less between the index text and reference standard are included. Thus, code "yes" if index test and reference standard were administered within a week of each other. Code "unclear" if the period was greater than one week (but less than two weeks) or if the timing cannot be ascertained beyond knowing that it was < 2 weeks. Note that this item may be coded differently for different patients from the same study. Please see aggregated study information sheet to code this.
- 2. Signalling question 2 Did all patients receive a reference standard?: This will typically be coded "yes". If a portion of positive and negative screens receive the reference standard, and the patients selected were chosen randomly, code "yes". If non-random selection based on clinical factors or the index test determined whether or not patients received a reference standard, then code "unclear" or "no". An example of all patients not receiving a reference standard would occur, for instance, if patients who endorsed suicidality on the index test were referred for evaluation and did not receive the reference standard interview.

- 3. Signalling question 3 Did all patients receive the same reference standard?: This question will typically be coded as "yes" for all studies, since the reference standard is almost always consistent within each study.
- 4. Signalling question 4 Were all patients included in the analysis?: When coding for this question, compare the number of participants who received the index test to the number of participants who received the reference standard. Code as "yes" if at least 90% of participants who received the index test also received the reference standard, or vice versa, and were included in analyses. Code as "unclear" if this difference is ≥ 80%, but < 90% or if it cannot be determined. Code as "no" if it is < 80%. If the study used randomly selected patients for either the index test or the reference standard, do not count the participants who did not receive the reference standard for that reason as missing. In "Notes", please provide the relevant numbers and percentages used to make a determination.</p>
- **5. Overall risk of bias:** Rate as "low", "High", or "unclear" risk of bias. Given that questions 2 and 3 will typically be coded as "yes", use the following rules to code the overall risk of bias:

**SQ1 = UNCLEAR and SQ4 = YES:** code as UNCLEAR risk of bias

**SQ1** = **UNCLEAR** and **SQ4** = **UNCLEAR**: code as UNCLEAR risk of bias

**SQ1** = **UNCLEAR** and **SQ4** = **NO**: code as HIGH risk of bias if the % in SQ4 is <50% and code as

UNCLEAR risk of bias if the % in SQ4 is >=50%

**SQ1 = YES and SQ4 = UNCLEAR:** code as UNCLEAR risk of bias

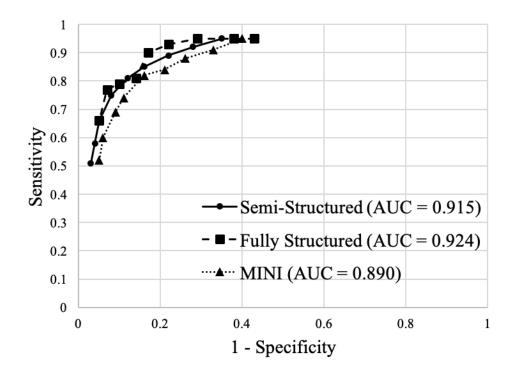
**SQ1 = YES and SQ4 = YES:** code as LOW risk of bias

**SQ1 = YES and SQ4 = NO:** code as HIGH risk of bias if the % in SQ4 is <50% and code as UNCLEAR risk of bias if the % in SQ4 is >=50%

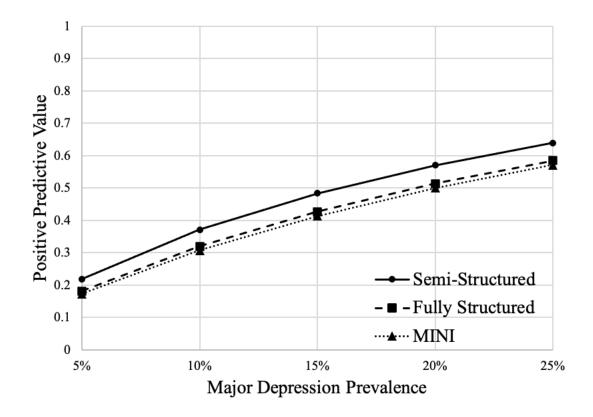
<u>Note</u>: If "IPD" was selected for signalling question 1, and the overall risk of bias rating depends on the individual patient rating in signalling question 1, then rate as "IPD" and indicate which participants should receive which bias rating (for example, participants administered the reference standard within 1 week are rated as "low", whereas those administered the reference standard within 1-2 weeks are rated as "unclear").

Please indicate factors in decision in "Notes".

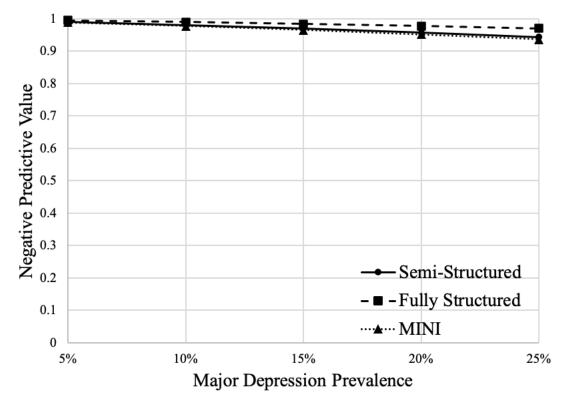
eFigure 1. ROC curves comparing sensitivity and specificity estimates for EPDS cutoffs 7-15 among semistructured diagnostic interviews, fully structured diagnostic interviews, and the Mini International Neuropsychiatric Interview (MINI), along with AUC values



eFigure 2a. Nomograms of positive predictive value, for EPDS cutoff 10, for major depression prevalence values of 5 to 25%, for semi-structured diagnostic interviews, fully structured diagnostic interviews, and the MINI



eFigure 2b. Nomograms of negative predictive value, for EPDS cutoff 10, for major depression prevalence values of 5 to 25%, for semi-structured diagnostic interviews, fully structured diagnostic interviews, and the MINI



eFigure3a. Forest plots of sensitivity and specificity estimates for EPDS cutoff 10, among studies that used a semi-structured diagnostic interview as the reference standard (N Studies = 36; N Participants = 9,066; N major depression = 1,330)

Study	Sensitivity (95% CI)	Sensitivity	Specificity (95% CI)	Specificity
Aceti, 2012 [1] Barnes, 2009 [2]	1.00 (0.82, 1.00) 0.80 (0.59, 0.92)		0.95 (0.75 , 1.00 ) 0.76 (0.71 , 0.81 )	<del></del>
Bavle, 2016 [3]	0.67 (0.24, 0.94)	•	0.91 (0.87, 0.94)	<del>-0</del>
Beck, 2001 [4]	0.83 (0.58, 0.96)	<del></del>	0.86 (0.78, 0.91)	<del></del>
Bunevicius, 2009 [5]	0.92 (0.60, 1.00)	<del></del>	0.87 (0.81, 0.91)	<del></del>
Chaudron, 2010 [6]	0.73 (0.61, 0.82)	<del></del>	0.84 (0.76, 0.90)	<del></del>
de Figueiredo, 2015 [7]	0.81 (0.71, 0.88)	<del></del>	0.85 (0.78, 0.90)	<del></del>
Garcia-Esteve, 2003 [8]	1.00 (0.88, 1.00)	<del></del> 0	0.87 (0.82, 0.90)	<del>-0-</del>
Giardinelli, 2012 [9]	0.89 (0.71, 0.97)	<del></del>	0.81 (0.78, 0.85)	<del>- 0</del>
Green, 2018 [10]	0.86 (0.42, 0.99)	•	0.32 (0.25, 0.41)	<del></del>
Helle, 2015 [11]	0.92 (0.60, 1.00)	0	0.76 (0.70, 0.82)	<del></del>
Hickey, 1997 [12]	0.65 (0.45, 0.80)		0.95 (0.82, 0.99)	<del></del>
Howard, 2018 [13]	0.76 (0.67, 0.83)	<del></del>	0.85 (0.81, 0.89)	<del>- 0</del>
Ing, 2017 [14]	1.00 (0.46, 1.00)		0.97 (0.95, 0.98)	Ð
Kettunen, 2017 [15]	0.97 (0.88, 0.99)	<del></del>	0.91 (0.81, 0.96)	<del></del>
Leonardou, 2009 [16]	1.00 (0.40, 1.00)		0.81 (0.70, 0.88)	<del></del>
Marsay, 2017 [17]	1.00 (0.76, 1.00)	<del></del> 0	0.51 (0.42, 0.60)	<del></del>
Nakić Radoš, 2013 [18]	0.60 (0.27, 0.86)	<del></del>	0.82 (0.76, 0.86)	<del></del>
Navarro, 2007 [19]	0.77 (0.67, 0.85)	<del></del>	0.89 (0.85, 0.92)	<del>-0-</del>
Pawlby, 2008 [20]	0.65 (0.46, 0.80)	<del></del>	0.85 (0.78, 0.90)	<del></del>
Phillips, 2009 [21]	0.88 (0.74, 0.96)	<del></del>	0.66 (0.56, 0.74)	<del></del>
Prenoveau, 2013 [22]	0.96 ( 0.74 , 1.00 )	<del></del>	0.86 (0.80, 0.90)	<del>-0</del>
Robertson-Blackmore, 2013 [23]	0.93 (0.76, 0.99)	<del></del>	0.69 (0.63, 0.74)	<del></del>
Rochat, 2013 [24]	0.94 (0.82, 0.98)	<del></del>	0.50 (0.37, 0.63)	<del></del>
Siu, 2012 [25]	0.96 (0.91, 0.99)	<del></del>	0.94 (0.92, 0.96)	<del>•</del>
Smith-Nielsen, 2018 [26]	0.81 (0.73, 0.88)	<del></del>	0.92 (0.87, 0.95)	<del></del>
Stewart, 2013 [27]	0.51 (0.34, 0.67)	<del></del>	0.92 (0.87, 0.96)	<del></del>
Tandon, 2012 [28]	0.92 (0.72, 0.99)	<del></del>	0.81 (0.69, 0.90)	<del></del>
Tendais, 2014 [29]	0.69 (0.44, 0.87)	<del></del>	0.84 (0.76, 0.90)	<del></del>
Tissot, 2015 [30]	0.50 (0.15, 0.85)	<del></del>	0.75 (0.62, 0.85)	<del></del>
Töreki, 2013 [31]	0.43 (0.12, 0.80)	<del></del>	0.93 (0.89, 0.96)	<del>-0</del> -
Töreki, 2014 [32]	1.00 (0.60, 1.00)		0.91 (0.86, 0.94)	<del>-0-</del>
Tran, 2011 [33]	0.33 (0.21, 0.47)	<del></del>	0.95 (0.92, 0.97)	<del>- 0</del>
Tungchama, 2017 [34]	0.57 (0.44, 0.69)	<del></del>	0.88 (0.79, 0.94)	<del></del>
Turner, 2009 [35]	1.00 (0.46, 1.00)	<del></del> 0	0.73 (0.59, 0.85)	<del></del>
Vega-Dienstmaier, 2002 [36]	0.89 (0.65, 0.98)	<del></del>	0.45 (0.39, 0.51)	<del></del>
	0.0	0.2 0.4 0.6 0.8 1.0	0.0	0.2 0.4 0.6 0.8 1.0

eFigure3b. Forest plots of sensitivity and specificity estimates for EPDS cutoff 10, among studies that used a fully structured diagnostic interview (MINI excluded) as the reference standard (N Studies = 3 for sensitivity and 4 for specificity; N Participants = 3,188; N major depression = 227)

Study	Sensitivity (95% CI)	Sensitivity	Specificity (95% CI)	Specificity
Felice, 2004 [37]	0.94 (0.78, 0.99)		0.78 ( 0.72 , 0.84 )	-0-
<sup>a</sup> Fisher, 2010 [38]			0.92 (0.87, 0.95)	-0-
Rowe, 2008 [39]	1.00 (0.83, 1.00)	<del></del> 0	0.42 ( 0.33 , 0.52 )	<del></del>
Yonkers, 2014 [40]	0.73 (0.65, 0.79)	0.4 0.6 0.8 1.0	0.83 (0.82, 0.85)	0.4 0.6 0.8 1.0

<sup>&</sup>lt;sup>a</sup>This study had only one major depression case. We excluded this case from the analysis and modified the bivariate model by setting the correlation between random effects to be zero.

eFigure3c. Forest plots of sensitivity and specificity estimates for EPDS cutoff 10, among studies that used the MINI as the reference standard (N Studies =

18; N Participants = 3,302; N major depression = 511)

Study	Sensitivity (95% CI)	Sensitivity	Specificity (95% CI)	Specificity
Alvarado-Esquivel, 2006 [41]	0.70 (0.35, 0.92)	•	0.83 (0.72, 0.90)	<del></del>
Alvarado-Esquivel, 2016 [42]	0.92 (0.60, 1.00)	<del></del>	0.68 (0.60, 0.75)	
Alvarado, 2015 [43]	0.82 (0.65, 0.92)	<del></del>	0.82 (0.71, 0.90)	<del></del>
Bakare, 2014 [44]	0.66 (0.53, 0.77)	<del></del>	0.89 (0.85, 0.92)	<del>-</del> 0-
Chorwe-Sungani, 2018 [45]	0.76 (0.54, 0.90)	<del></del>	0.85 (0.74, 0.92)	<del></del>
Comasco, 2016 [46]	0.80 (0.54, 0.94)	<del></del>	0.91 (0.86, 0.95)	<del>-0</del> -
Couto, 2015 [47]	0.86 (0.70, 0.95)	<del></del>	0.68 (0.59, 0.75)	<del></del>
Eapen, 2013 [48]	0.51 (0.32, 0.70)	<del></del>	0.89 (0.80, 0.94)	<del></del>
Fernandes, 2011 [49]	1.00 (0.84, 1.00)		0.75 (0.66, 0.83)	<del></del>
Figueira, 2009 [50]	0.56 (0.31, 0.78)	<del></del>	0.67 (0.60, 0.73)	<del></del>
Imbula, 2012 [51]	1.00 (0.85, 1.00)		0.67 (0.56, 0.76)	<del></del>
Khalifa, 2015 [52]	0.42 (0.21, 0.67)	<del></del>	0.82 (0.59, 0.94)	<del></del>
Martinez, 2016 [53]	0.95 (0.86, 0.99)	<del></del>	0.76 (0.70, 0.81)	<del></del>
Roomruangwong, 2016 [54]	1.00 (0.05, 1.00)	•	0.67 (0.58, 0.75)	<del></del>
Su, 2007 [55]	0.91 (0.70, 0.98)	<del></del>	0.70 (0.63, 0.77)	<del></del>
Thiagayson, 2013 [56]	0.73 (0.50, 0.88)	<del></del>	0.74 (0.66, 0.80)	<del></del>
Usuda, 2016 [57]	1.00 (0.20, 1.00)		0.98 (0.94, 0.99)	-0
van Heyningen, 2018 [58]	0.98 (0.91, 1.00)	<del></del>	0.55 (0.49, 0.61)	<del></del>
	0.0	0.2 0.4 0.6 0.8 1.0		0.0 0.2 0.4 0.6 0.8 1.0

eFigure3d. Forest plots of sensitivity and specificity estimates for EPDS cutoff 11, among studies that used a semi-structured diagnostic interview as the reference standard (N Studies = 36; N Participants = 9,066; N major depression = 1,330)

Study	Sensitivity (95% CI)	Sensitivity	Specificity (95% CI)	Specificity
Aceti, 2012 [1] Barnes, 2009 [2] Bavle, 2016 [3] Beck, 2001 [4] Bunevicius, 2009 [5] Chaudron, 2010 [6] de Figueiredo, 2015 [7] Garcia-Esteve, 2003 [8] Giardinelli, 2012 [9] Green, 2018 [10] Helle, 2015 [11] Hickey, 1997 [12] Howard, 2018 [13] Ing, 2017 [14] Kettunen, 2017 [15] Leonardou, 2009 [16]	Sensitivity (95% CI)  1.00 (0.82, 1.00) 0.80 (0.59, 0.92) 0.67 (0.24, 0.94) 0.83 (0.58, 0.96) 0.92 (0.60, 1.00) 0.69 (0.56, 0.79) 0.78 (0.68, 0.86) 1.00 (0.88, 1.00) 0.89 (0.71, 0.97) 0.86 (0.42, 0.99) 0.92 (0.60, 1.00) 0.65 (0.45, 0.80) 0.73 (0.65, 0.81) 0.80 (0.30, 0.99) 0.95 (0.86, 0.99) 1.00 (0.40, 1.00)	Sensitivity	Specificity (95% CI)  1.00 (0.82, 1.00) 0.83 (0.78, 0.87) 0.94 (0.91, 0.96) 0.93 (0.87, 0.97) 0.92 (0.88, 0.95) 0.87 (0.79, 0.92) 0.90 (0.83, 0.94) 0.90 (0.86, 0.93) 0.86 (0.83, 0.89) 0.43 (0.35, 0.51) 0.80 (0.74, 0.85) 0.95 (0.82, 0.99) 0.88 (0.84, 0.91) 0.98 (0.96, 0.99) 0.93 (0.83, 0.97) 0.84 (0.74, 0.91)	Specificity
Leonardou, 2009 [16] Marsay, 2017 [17] Nakić Radoš, 2013 [18] Navarro, 2007 [19]	1.00 (0.40 , 1.00 ) 0.94 (0.68 , 1.00 ) 0.50 (0.24 , 0.76 ) 0.71 (0.60 , 0.80 )	——————————————————————————————————————	0.84 (0.74, 0.91) 0.57 (0.48, 0.66) 0.84 (0.79, 0.88) 0.90 (0.86, 0.93)	——————————————————————————————————————
Pawlby, 2008 [20] Phillips, 2009 [21] Prenoveau, 2013 [22]	0.62 (0.44, 0.77) 0.86 (0.71, 0.94) 0.91 (0.68, 0.99)	——————————————————————————————————————	0.88 (0.82, 0.93) 0.69 (0.60, 0.77) 0.91 (0.86, 0.95)	— <del>•</del>
Robertson-Blackmore, 2013 [23] Rochat, 2013 [24] Siu, 2012 [25] Smith-Nielsen, 2018 [26]	0.86 (0.67, 0.95) 0.82 (0.68, 0.91) 0.94 (0.87, 0.97) 0.79 (0.71, 0.86)	— <del></del>	0.75 (0.70, 0.80) 0.61 (0.47, 0.74) 0.96 (0.94, 0.97) 0.94 (0.90, 0.97)	- <del></del>
Stewart, 2013 [27] Tandon, 2012 [28] Tendais, 2014 [29] Tissot, 2015 [30]	0.48 (0.31, 0.65) 0.88 (0.68, 0.97) 0.64 (0.39, 0.84) 0.25 (0.01, 0.78)	— • — • — • — • — • — • — • — • — • — •	0.94 (0.89, 0.97) 0.92 (0.82, 0.97) 0.89 (0.81, 0.93) 0.79 (0.66, 0.88)	- <del>-</del>
Töreki, 2013 [31] Töreki, 2014 [32] Tran, 2011 [33]	0.43 (0.12, 0.80) 1.00 (0.60, 1.00) 0.27 (0.16, 0.41)		0.95 (0.91, 0.97) 0.95 (0.91, 0.97) 0.96 (0.93, 0.98)	——————————————————————————————————————
Tungchama, 2017 [34] Turner, 2009 [35] Vega-Dienstmaier, 2002 [36]	0.53 (0.40, 0.65) 1.00 (0.46, 1.00) 0.89 (0.65, 0.98)		0.92 (0.83, 0.96) 0.88 (0.75, 0.95) 0.52 (0.46, 0.58)	<del></del>
	0.0	0.2 0.4 0.6 0.8 1.0	0.0	0.2 0.4 0.6 0.8 1.0

eFigure3e. Forest plots of sensitivity and specificity estimates for EPDS cutoff 11, among studies that used a fully structured diagnostic interview (MINI excluded) as the reference standard (N Studies = 3 for sensitivity and 4 for specificity; N Participants = 3,188; N major depression = 227)

Study	Sensitivity (95% CI)	Sensitivity	Specificity (95% CI)	Specificity
Felice, 2004 [37]	0.88 (0.70, 0.96)	<del></del>	0.84 (0.77, 0.88)	<del></del>
<sup>a</sup> Fisher, 2010 [38]			0.95 (0.91, 0.98)	<del>-0</del>
Rowe, 2008 [39]	1.00 (0.83, 1.00)		0.47 ( 0.38 , 0.57 )	<del></del>
Yonkers, 2014 [40]	0.69 (0.61, 0.76)	0.4 0.6 0.8 1.0	0.87 (0.85, 0.88)	0.4 0.6 0.8 1.0

<sup>&</sup>lt;sup>a</sup>This study had only one major depression case. We excluded this case from the analysis and modified the bivariate model by setting the correlation between random effects to be zero.

eFigure3f. Forest plots of sensitivity and specificity estimates for EPDS cutoff 11, among studies that used the MINI as the reference standard (N Studies =

18; N Participants = 3,302; N major depression = 511)

Study	Sensitivity (95% CI)	Sensitivity	Specificity (95% CI)	Specificity
Alvarado-Esquivel, 2006 [41] Alvarado-Esquivel, 2016 [42] Alvarado, 2015 [43] Bakare, 2014 [44] Chorwe-Sungani, 2018 [45] Comasco, 2016 [46] Couto, 2015 [47] Eapen, 2013 [48] Fernandes, 2011 [49] Figueira, 2009 [50] Imbula, 2012 [51] Khalifa, 2015 [52] Martinez, 2016 [53] Roomruangwong, 2016 [54] Su, 2007 [55] Thiagayson, 2013 [56] Usuda, 2016 [57]	0.60 (0.27, 0.86) 0.92 (0.60, 1.00) 0.82 (0.65, 0.92) 0.61 (0.48, 0.73) 0.68 (0.46, 0.84) 0.80 (0.54, 0.94) 0.83 (0.67, 0.93) 0.42 (0.24, 0.63) 1.00 (0.84, 1.00) 0.56 (0.31, 0.78) 1.00 (0.85, 1.00) 0.42 (0.21, 0.67) 0.95 (0.86, 0.99) 1.00 (0.05, 1.00) 0.91 (0.70, 0.98) 0.68 (0.45, 0.85) 1.00 (0.20, 1.00)		0.89 (0.79, 0.94) 0.73 (0.65, 0.79) 0.89 (0.79, 0.95) 0.94 (0.90, 0.96) 0.87 (0.77, 0.94) 0.94 (0.89, 0.97) 0.73 (0.65, 0.80) 0.91 (0.83, 0.95) 0.77 (0.68, 0.85) 0.72 (0.66, 0.78) 0.75 (0.64, 0.83) 0.93 (0.71, 0.99) 0.80 (0.75, 0.85) 0.76 (0.67, 0.83) 0.79 (0.72, 0.85) 0.79 (0.72, 0.84) 0.98 (0.95, 1.00)	——————————————————————————————————————
van Heyningen, 2018 [58]	0.94 (0.86, 0.98)	0.0 0.2 0.4 0.6 0.8 1.0	0.63 (0.57, 0.69)	0.0 0.2 0.4 0.6 0.8 1.0

eFigure3g. Forest plots of sensitivity and specificity estimates for EPDS cutoff 13, among studies that used a semi-structured diagnostic interview as the reference standard (N Studies = 36; N Participants = 9,066; N major depression = 1,330)

Study	Sensitivity (95% CI)	Sensitivity	Specificity (95% CI)	Specificity
Aceti, 2012 [1]	0.82 (0.59, 0.94)	<del></del>	1.00 (0.82, 1.00)	0
Barnes, 2009 [2]	0.60 (0.39, 0.78)	<del></del>	0.91 (0.87, 0.94)	<del>-0</del>
Bavle, 2016 [3]	0.67 (0.24, 0.94)	<del></del>	0.97 (0.94, 0.98)	<del>-0</del>
Beck, 2001 [4]	0.72 (0.46, 0.89)	<del></del>	0.97 (0.92, 0.99)	<del></del>
Bunevicius, 2009 [5]	0.67 (0.35, 0.89)	<del></del>	0.98 (0.94, 0.99)	<b>-→</b>
Chaudron, 2010 [6]	0.57 (0.45, 0.69)	<del></del>	0.93 (0.87, 0.97)	<del></del>
de Figueiredo, 2015 [7]	0.68 (0.57, 0.77)	<del></del>	0.93 (0.88, 0.97)	<del>- •</del>
Garcia-Esteve, 2003 [8]	0.86 (0.70, 0.95)	<del></del>	0.95 (0.91, 0.97)	<del>- 0</del>
Giardinelli, 2012 [9]	0.57 (0.37, 0.75)	<del></del>	0.92 (0.89, 0.94)	<del>- 0</del>
Green, 2018 [10]	0.86 (0.42, 0.99)	<del></del>	0.55 (0.46, 0.63)	<del></del>
Helle, 2015 [11]	0.67 (0.35, 0.89)	<del></del>	0.87 (0.82, 0.91)	<del></del>
Hickey, 1997 [12]	0.58 (0.39, 0.75)	<del></del>	0.97 (0.85, 1.00)	<del></del>
Howard, 2018 [13]	0.58 (0.49, 0.67)	<del></del>	0.94 (0.91, 0.96)	<del>- 0</del>
Ing, 2017 [14]	0.80 (0.30, 0.99)	<del></del>	0.99 (0.98, 1.00)	Θ
Kettunen, 2017 [15]	0.89 (0.78, 0.95)	<del></del>	0.99 (0.91, 1.00)	<del></del>
Leonardou, 2009 [16]	1.00 (0.40, 1.00)		0.91 (0.82, 0.96)	<del></del>
Marsay, 2017 [17]	0.94 (0.68, 1.00)	<del></del>	0.77 (0.68, 0.84)	<del></del>
Nakić Radoš, 2013 [18]	0.40 (0.14, 0.73)	<del></del>	0.92 (0.88, 0.95)	<del>-0</del> -
Navarro, 2007 [19]	0.62 (0.51, 0.72)	<del></del>	0.95 (0.92, 0.97)	<del>-</del>
Pawlby, 2008 [20]	0.44 (0.28, 0.62)	<del></del>	0.97 (0.92, 0.99)	<del>-</del>
Phillips, 2009 [21]	0.71 (0.55, 0.84)	<del></del>	0.79 (0.71, 0.86)	<del></del>
Prenoveau, 2013 [22]	0.78 (0.53, 0.92)	<del></del>	0.94 (0.89, 0.97)	<del></del>
Robertson-Blackmore, 2013 [23]	0.79 (0.60, 0.91)	<del></del>	0.85 (0.80, 0.88)	<del></del>
Rochat, 2013 [24]	0.68 (0.53, 0.80)	<del></del>	0.76 (0.62, 0.86)	<del></del>
Siu, 2012 [25]	0.76 (0.68, 0.83)	<del></del>	0.98 (0.96, 0.99)	θ
Smith-Nielsen, 2018 [26]	0.67 (0.57, 0.75)	<del></del>	0.97 (0.94, 0.99)	-
Stewart, 2013 [27]	0.36 (0.21, 0.54)	<del></del>	0.97 (0.92, 0.99)	<del>-</del>
Tandon, 2012 [28]	0.80 (0.59, 0.92)	<del></del>	0.97 (0.88, 0.99)	<del></del>
Tendais, 2014 [29]	0.35 (0.15, 0.60)	<del></del>	0.94 (0.88, 0.97)	<del></del>
Tissot, 2015 [30]	0.00 (0.00, 0.60)	0	0.92 (0.81, 0.97)	<del></del>
Töreki, 2013 [31]	0.29 (0.05, 0.70)	<del></del>	0.99 (0.96, 1.00)	<del>-0</del>
Töreki, 2014 [32]	1.00 (0.60, 1.00)		0.98 (0.95, 0.99)	-0
Tran, 2011 [33]	0.10 (0.04, 0.22)	<del></del>	0.98 (0.96, 0.99)	-0
Tungchama, 2017 [34]	0.33 (0.22, 0.46)	<del></del>	1.00 (0.94, 1.00)	—
Turner, 2009 [35]	0.80 (0.30, 0.99)	<del></del>	0.94 (0.82, 0.98)	<del></del>
Vega-Dienstmaier, 2002 [36]	0.89 (0.65, 0.98)		0.72 (0.66, 0.77)	<del></del>
	and a second sec		A STATE OF THE STA	1999
		0.0 0.2 0.4 0.6 0.8 1.0		0.0 0.2 0.4 0.6 0.8 1.0

eFigure3h. Forest plots of sensitivity and specificity estimates for EPDS cutoff 13, among studies that used a fully structured diagnostic interview (MINI excluded) as the reference standard (N Studies = 3 for sensitivity and 4 for specificity; N Participants = 3,188; N major depression = 227)

Study	Sensitivity (95% CI)	Sensitivity	Specificity (95% CI)	Specificity
Felice, 2004 [37]	0.78 ( 0.60 , 0.90 )	<del></del>	0.89 ( 0.84 , 0.93 )	<del></del>
*Fisher, 2010 [38]			0.98 (0.94, 0.99)	-0
Rowe, 2008 [39]	0.96 (0.78, 1.00)	<del></del>	0.65 (0.56, 0.74)	<del></del>
Yonkers, 2014 [40]	0.54 (0.46, 0.61)	0.4 0.6 0.8 1.0	0.92 ( 0.90 , 0.93 )	0.4 0.6 0.8 1.0

<sup>&</sup>lt;sup>a</sup>This study had only one major depression case. We excluded this case from the analysis and modified the bivariate model by setting the correlation between random effects to be zero.

eFigure3i. Forest plots of sensitivity and specificity estimates for EPDS cutoff 13, among studies that used the MINI as the reference standard (N Studies =

18; N Participants = 3,302; N major depression = 511)

Study	Sensitivity (95% CI)	Sensitivity	Specificity (95% CI)	Specificity
Alvarado-Esquivel, 2006 [41]	0.30 (0.08, 0.65)	<del></del>	0.96 (0.89, 0.99)	<del></del>
Alvarado-Esquivel, 2016 [42]	0.83 (0.51, 0.97)	<del></del>	0.83 (0.76, 0.88)	<del></del>
Alvarado, 2015 [43]	0.76 (0.59, 0.88)	<del></del>	0.93 (0.84, 0.97)	<del></del>
Bakare, 2014 [44]	0.37 (0.25, 0.50)	<del></del>	0.97 (0.94, 0.98)	-0
Chorwe-Sungani, 2018 [45]	0.44 ( 0.25 , 0.65 )	<del></del>	0.92 (0.82, 0.97)	<del></del>
Comasco, 2016 [46]	0.67 (0.41, 0.86)	<del></del>	0.98 (0.94, 0.99)	-0
Couto, 2015 [47]	0.72 (0.55, 0.85)	<del></del>	0.80 (0.72, 0.86)	<del></del>
Eapen, 2013 [48]	0.27 (0.13, 0.49)	<del></del>	0.96 (0.90, 0.99)	<del></del>
Fernandes, 2011 [49]	0.96 (0.79, 1.00)	<del></del>	0.84 (0.75, 0.90)	<del></del>
Figueira, 2009 [50]	0.33 (0.14, 0.59)	<del></del>	0.81 (0.76, 0.86)	<del></del>
Imbula, 2012 [51]	0.97 (0.80, 1.00)	<del></del>	0.84 (0.74, 0.91)	<del></del>
Khalifa, 2015 [52]	0.34 (0.15, 0.60)	<del></del>	0.99 (0.80, 1.00)	<del></del> 0
Martinez, 2016 [53]	0.90 (0.80, 0.96)	<del></del>	0.89 (0.84, 0.92)	<del></del>
Roomruangwong, 2016 [54]	1.00 (0.05, 1.00)	o	0.82 (0.74, 0.88)	<del></del>
Su, 2007 [55]	0.83 (0.60, 0.94)	<del></del>	0.91 (0.86, 0.95)	<del></del>
Thiagayson, 2013 [56]	0.50 (0.31, 0.69)	<del></del>	0.88 (0.82, 0.92)	<del></del>
Usuda, 2016 [57]	1.00 (0.20, 1.00)		0.99 (0.96, 1.00)	<b>-</b> ●
van Heyningen, 2018 [58]	0.89 (0.79, 0.94)	<del></del>	0.75 (0.69, 0.80)	<del></del>
	0	0.0 0.2 0.4 0.6 0.8 1.0	0	0.0 0.2 0.4 0.6 0.8 1.0

#### eTable1. Reasons for exclusion for all articles excluded at full-text level (N = 257)

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#### **Reason For Exclusion**

Could not determine eligibility<sup>a</sup>

> 2 weeks between EPDS and diagnostic interview

Sample selected for known distress, mental health diagnosis, or psychiatric setting Could not determine eligibility<sup>a</sup>

No validated interview to assess major depression

No major depression

No validated interview to assess major depression

Could not determine eligibility<sup>a</sup>

Sample selected for known distress, mental health diagnosis, or psychiatric setting Sample selected for known distress, mental health diagnosis, or psychiatric setting

No pregnant or postpartum women

No major depression

No validated interview to assess major depression

Sample selected for known distress, mental health diagnosis, or psychiatric setting No validated interview to assess major depression

No validated interview to assess major depression

Sample selected for known distress, mental health diagnosis, or psychiatric setting Sample selected for known distress, mental health diagnosis, or psychiatric setting No major depression

No major depression

No adults

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No major depression

No major depression

No validated interview to assess major depression

No validated interview to assess major depression

No major depression

> 2 weeks between EPDS and diagnostic interview

Sample selected for known distress, mental health diagnosis, or psychiatric setting No major depression

Sample selected for known distress, mental health diagnosis, or psychiatric setting Sample selected for known distress, mental health diagnosis, or psychiatric setting Sample selected for known distress, mental health diagnosis, or psychiatric setting

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No validated interview to assess major depression

Sample selected for known distress, mental health diagnosis, or psychiatric setting No major depression

Sample selected for known distress, mental health diagnosis, or psychiatric setting Sample selected for known distress, mental health diagnosis, or psychiatric setting

No original data

No validated interview to assess major depression

No validated interview to assess major depression

Sample selected for known distress, mental health diagnosis, or psychiatric setting > 2 weeks between EPDS and diagnostic interview

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Sample selected for known distress, mental health diagnosis, or psychiatric setting Sample selected for known distress, mental health diagnosis, or psychiatric setting No validated interview to assess major depression No EPDS

No major depression

Sample selected for known distress, mental health diagnosis, or psychiatric setting No validated interview to assess major depression

No validated interview to assess major depression

Sample selected for known distress, mental health diagnosis, or psychiatric setting Sample selected for known distress, mental health diagnosis, or psychiatric setting

No original data

No validated interview to assess major depression

Sample selected for known distress, mental health diagnosis, or psychiatric setting No validated interview to assess major depression

No adults

Sample selected for known distress, mental health diagnosis, or psychiatric setting Sample selected for known distress, mental health diagnosis, or psychiatric setting No original data

Sample selected for known distress, mental health diagnosis, or psychiatric setting No major depression

No validated interview to assess major depression

> 2 weeks between EPDS and diagnostic interview

No major depression

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Sample selected for known distress, mental health diagnosis, or psychiatric setting No EPDS

Sample selected for known distress, mental health diagnosis, or psychiatric setting No major depression

Sample selected for known distress, mental health diagnosis, or psychiatric setting Sample selected for known distress, mental health diagnosis, or psychiatric setting No major depression

Sample selected for known distress, mental health diagnosis, or psychiatric setting No major depression

Sample selected for known distress, mental health diagnosis, or psychiatric setting No major depression

Sample selected for known distress, mental health diagnosis, or psychiatric setting Sample selected for known distress, mental health diagnosis, or psychiatric setting > 2 weeks between EPDS and diagnostic interview

> 2 weeks between EPDS and diagnostic interview

Sample selected for known distress, mental health diagnosis, or psychiatric setting No major depression

No validated interview to assess major depression No major depression

No major depression

Could not determine eligibility<sup>a</sup>

Could not determine eligibility<sup>a</sup>

Could not determine eligibility<sup>a</sup>

Sample selected for known distress, mental health diagnosis, or psychiatric setting Sample selected for known distress, mental health diagnosis, or psychiatric setting Guintivano J, Sullivan PF, Stuebe AM, Penders T, Thorp J, Rubinow DR, Meltzer-Brody S. Adverse life events, psychiatric history, and biological predictors of postpartum depression in an ethnically diverse sample of postpartum women. *Psychological Medicine*. 2018;48:1190-200.

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Sample selected for known distress, mental health diagnosis, or psychiatric setting Sample selected for known distress, mental health diagnosis, or psychiatric setting

Sample selected for known distress, mental health diagnosis, or psychiatric setting Sample selected for known distress, mental health diagnosis, or psychiatric setting Sample selected for known distress, mental health diagnosis, or psychiatric setting Sample selected for known distress, mental health diagnosis, or psychiatric setting Sample selected for known distress, mental health diagnosis, or psychiatric setting Could not determine eligibility<sup>a</sup>

No validated interview to assess major depression

Sample selected for known distress, mental health diagnosis, or psychiatric setting No validated interview to assess major depression

Sample selected for known distress, mental health diagnosis, or psychiatric setting No major depression

No original data

> 2 weeks between EPDS and diagnostic interview

Sample selected for known distress, mental health diagnosis, or psychiatric setting No validated interview to assess major depression

No major depression

No major depression

Could not determine eligibility<sup>a</sup>

Could not determine eligibility<sup>a</sup>

No major depression

No major depression

> 2 weeks between EPDS and diagnostic interview

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Sample selected for known distress, mental health diagnosis, or psychiatric setting No validated interview to assess major depression

Sample selected for known distress, mental health diagnosis, or psychiatric setting > 2 weeks between EPDS and diagnostic interview.

Sample selected for known distress, mental health diagnosis, or psychiatric setting Sample selected for known distress, mental health diagnosis, or psychiatric setting No major depression

No EPDS

Could not determine eligibility<sup>a</sup>

Sample selected for known distress, mental health diagnosis, or psychiatric setting > 2 weeks between EPDS and diagnostic interview

No validated interview to assess major depression

No validated interview to assess major depression

No major depression

No major depression

No major depression

No pregnant or postpartum women

Could not determine eligibility<sup>a</sup>

No validated interview to assess major depression

No pregnant or postpartum women

No major depression

No major depression

No major depression

No validated interview to assess major depression

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No major depression

Sample selected for known distress, mental health diagnosis, or psychiatric setting No original data

No adults

No validated interview to assess major depression

No validated interview to assess major depression

> 2 weeks between EPDS and diagnostic interview

No validated interview to assess major depression

No major depression

Sample selected for known distress, mental health diagnosis, or psychiatric setting No EPDS

No original data

No pregnant or postpartum women

No pregnant or postpartum women

No major depression

Sample selected for known distress, mental health diagnosis, or psychiatric setting Sample selected for known distress, mental health diagnosis, or psychiatric setting No original data

No pregnant or postpartum women

Sample selected for known distress, mental health diagnosis, or psychiatric setting No validated interview to assess major depression

No major depression

No major depression

Meuti V, Aceti F, Giacchetti N, Carluccio GM, Zaccagni M, Marini I, Giancola O, Ciolli P, Biondi M. Perinatal Depression and Patterns of Attachment: A Critical Risk Factor? *Depression Research and Treatment*. 2015;2015:105012.

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Sample selected for known distress, mental health diagnosis, or psychiatric setting Sample selected for known distress, mental health diagnosis, or psychiatric setting No adults

Sample selected for known distress, mental health diagnosis, or psychiatric setting Sample selected for known distress, mental health diagnosis, or psychiatric setting Sample selected for known distress, mental health diagnosis, or psychiatric setting No validated interview to assess major depression

No validated interview to assess major depression

No validated interview to assess major depression

Sample selected for known distress, mental health diagnosis, or psychiatric setting > 2 weeks between EPDS and diagnostic interview

No major depression

Sample selected for known distress, mental health diagnosis, or psychiatric setting Sample selected for known distress, mental health diagnosis, or psychiatric setting Sample selected for known distress, mental health diagnosis, or psychiatric setting No major depression

Sample selected for known distress, mental health diagnosis, or psychiatric setting Sample selected for known distress, mental health diagnosis, or psychiatric setting

No major depression

- > 2 weeks between EPDS and diagnostic interview
- > 2 weeks between EPDS and diagnostic interview

No validated interview to assess major depression

No adults

No major depression cases

Reck C, Stehle E, Reinig K, Mundt C. Maternity blues as a predictor of DSM-IV depression and anxiety disorders in the first three months postpartum. Journal of Affective Disorders. 2009;113:77.

Reck C, Struben K, Backenstrass M, Stefenelli U, Reinig K, Fuchs T, Sohn C, Mundt C. Prevalence, onset and comorbidity of postpartum anxiety and depressive disorders. *Acta Psychiatrica Scandinavica*. 2008;118:459.

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Santos IS, Tavares BF, Munhoz TN, Manzolli P, de Ávila GB, Jannke E, Matijasevich A. Patient health questionnaire-9 versus Edinburgh postnatal depression scale in screening for major depressive episodes: a cross-sectional population-based study. *BMC Research Notes*. 2016;9:453.

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Sample selected for known distress, mental health diagnosis, or psychiatric setting > 2 weeks between EPDS and diagnostic interview

No major depression

No validated interview to assess major depression

Sample selected for known distress, mental health diagnosis, or psychiatric setting Sample selected for known distress, mental health diagnosis, or psychiatric setting No validated interview to assess major depression No EPDS

Sample selected for known distress, mental health diagnosis, or psychiatric setting

No validated interview to assess major depression

No validated interview to assess major depression

No pregnant or postpartum women

Could not determine eligibility<sup>a</sup>

No validated interview to assess major depression

No major depression

Sample selected for known distress, mental health diagnosis, or psychiatric setting No EPDS

Sample selected for known distress, mental health diagnosis, or psychiatric setting

No validated interview to assess major depression No major depression

Sample selected for known distress, mental health diagnosis, or psychiatric setting Sample selected for known distress, mental health diagnosis, or psychiatric setting No EPDS

> 2 weeks between EPDS and diagnostic interview

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Uguz F, Akman C, Sahingoz M, Kaya N, Kucur R. One year follow-up of post-partum-onset depression: the role of depressive symptom severity and personality disorders. *Journal of Psychosomatic Obstetrics & Gynecology*. 2009;30:141.

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Sample selected for known distress, mental health diagnosis, or psychiatric setting No major depression

Could not determine eligibility<sup>a</sup>

No major depression

Could not determine eligibility<sup>a</sup>

No validated interview to assess major depression

Sample selected for known distress, mental health diagnosis, or psychiatric setting > 2 weeks between EPDS and diagnostic interview

No pregnant or postpartum women

Sample selected for known distress, mental health diagnosis, or psychiatric setting No original data

> 2 weeks between EPDS and diagnostic interview

Sample selected for known distress, mental health diagnosis, or psychiatric setting Sample selected for known distress, mental health diagnosis, or psychiatric setting No validated interview to assess major depression

 $>\!2$  weeks between EPDS and diagnostic interview

No major depression

No adults

No major depression

No validated interview to assess major depression

> 2 weeks between EPDS and diagnostic interview

No EPDS

Could not determine eligibility<sup>a</sup>

Warnock FF, Bakeman R, Shearer K, Misri S, Oberlander T. Caregiving behavior and interactions of prenatally depressed mothers (antidepressant-treated and non-antidepressant-treated) during newborn acute pain. *Infant Mental Health Journal*. 2009;30:384.

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Could not determine eligibility<sup>a</sup>

No major depression

No validated interview to assess major depression

No major depression

No validated interview to assess major depression

No validated interview to assess major depression

Sample selected for known distress, mental health diagnosis, or psychiatric setting

Sample selected for known distress, mental health diagnosis, or psychiatric setting Could not determine eligibility<sup>a</sup>

No validated interview to assess major depression

No validated interview to assess major depression

Sample selected for known distress, mental health diagnosis, or psychiatric setting No validated interview to assess major depression

No pregnant or postpartum women

Sample selected for known distress, mental health diagnosis, or psychiatric setting Sample selected for known distress, mental health diagnosis, or psychiatric setting > 2 weeks between EPDS and diagnostic interview

<sup>&</sup>lt;sup>a</sup>It was not possible to determine eligibility based on the published report, and we were not able to obtain clarification from authors despite multiple attempts.

eTable2a. Characteristics of included primary studies (N=58)

First Author, Year	Country Recruited Population		Diagnostic Interview	Classification System	Total N	Major Depression N (%)
Semi-structured Interview	ews					
Aceti, 2012 <sup>1</sup> Barnes, 2009 <sup>2</sup>	Italy UK	Pregnant women in the third trimester Socially disadvantaged mothers at 2 months postpartum	SCID SCID	DSM-IV DSM-III-R	44 347	22 (50) 25 (7)
Bavle, 2016 <sup>3</sup>	India	Pregnant women recruited from an outpatient obstetrics department in a tertiary care hospital	SCID	DSM-IV	318	6 (2)
Beck, 2001 <sup>4</sup> Bunevicius, 2009 <sup>5</sup>	USA Lithuania	Postpartum mothers Pregnant women 12 to 16 weeks pregnant attending an obstetric clinic	SCID SCID	DSM-IV DSM-III-R	150 230	18 (12) 12 (5)
Chaudron, 2010 <sup>6</sup>	USA	Postpartum women recruited from Well-Child Care visits with infants 0- 14 months of age	SCID	DSM-IV	187	70 (37)
de Figueiredo, 2015 <sup>7</sup>	Brazil	Postpartum women enrolled in prenatal care outpatient services in a Brazilian city	SCID	DSM_IV	241	94 (39)
Garcia-Esteve, 2003 <sup>8</sup>	Spain	Women at 6 weeks postpartum	SCID	DSM-III-R	334	36 (11)
Giardinelli, 2012 <sup>9</sup>	Italy	Women between 28 and 32 weeks pregnant recruited from a obstetric course in Florence	SCID	DSM-IV	588	28 (5)
Green, 2018 <sup>10</sup>	Kenya	Pregnant and postpartum women receiving maternity services	SCID	DSM-V	161	7 (4)
Helle, 2015 <sup>11</sup>	Germany	Mothers with very low birthweight and normal weight infants between 4 and 6 weeks postpartum	SCID	DSM-IV	224	12 (5)
Hickey, 1997 <sup>12</sup> Howard, 2018 <sup>13</sup> Ing, 2017 <sup>14</sup> Kettunen, 2017 <sup>15a</sup>	Australia UK Thailand Finland	Postpartum women recruited in the hospital after delivery Pregnant women recruited from an inner-city London maternity service Postpartum migrant and refugee women Postpartum women recruited from antenatal clinics	SCID SCID SCID SCID	DSM-III-R DSM-IV DSM-IV DSM-IV	72 527 625 134	31 (43) 130 (25) 5 (1) 65 (49)
Leonardou, 2009 <sup>16</sup>	Greece	Postpartum women recruited from private and public maternity wards on their second day postpartum	SCID	DSM-III-R	81	4 (5)
Marsay, 2017 <sup>17</sup> Navarro, 2007 <sup>18</sup> Nakić Radoš, 2013 <sup>19</sup> Pawlby, 2008 <sup>20</sup> Phillips, 2009 <sup>21</sup> Prenoveau, 2013 <sup>22</sup> Robertson-Blackmore,	South Africa Spain Croatia UK Australia UK	Pregnant women between 22 and 28 weeks' gestation Women presenting for postpartum care at 6 weeks Women between 6 and 8 weeks postpartum Women at 12 months postpartum Postpartum mothers with unsettled infants Postpartum women at 10 months recruited from mixed health centres	SCID SCID SCID CIS SCID SCID	DSM-V DSM-IV DSM-IV-TR ICD-9 DSM-IV DSM-IV	145 401 272 190 158 219	16 (11) 84 (21) 10 (4) 34 (18) 42 (27) 20 (9)
2013 <sup>23</sup>	USA	Women at 18 weeks' gestation	SCID	DSM-IV-TR	358	29 (8)
Rochat, 2013 <sup>24</sup>	South Africa	Women recruited from their antenatal appointment at a primary health care clinic between 26 and 34 weeks of pregnancy	SCID	DSM-IV	104	50 (48)
Siu, 2012 <sup>25</sup> Smith-Nielsen, 2018 <sup>26b</sup> Stewart, 2013 <sup>27</sup>	China Denmark Malawi	Postpartum women Postpartum women Pregnant women attending an antenatal clinic in rural Malawi	SCID SCID SCID	DSM-IV DSM-V DSM-IV	805 320 186	126 (16) 118 (36) 34 (18)
Tandon, 2012 <sup>28</sup> Tendais, 2014 <sup>29</sup> Tissot, 2015 <sup>30</sup>	USA Portugal Switzerland	Pregnant and postpartum women enrolled in home visitation programs Pregnant women recruited in an obstetrics outpatient unit Women at 3 months postpartum	SCID SCID DIGS	DSM IV DSM-IV DSM-IV	89 141 65	25 (28) 18 (13) 4 (6)
Tissot, 2013 Töreki, 2013 <sup>31</sup> Töreki, 2014 <sup>32</sup>	Hungary Hungary	Women at 12 weeks antenatal Women between 6 and 8 weeks postpartum	SCID SCID	DSM-IV DSM-IV DSM-IV	219 265	7 (3) 8 (3)
Tran, 2011 <sup>33</sup>	Vietnam	Pregnant and postpartum Vietnamese women recruited from the commune health centre	SCID	DSM-IV	359	52 (14)

<b>Tungchama</b> , 2017 <sup>34</sup>	Nigeria	Postpartum women recruited from welfare clinics	SCID	DSM-IV	147	64 (44)
Turner, 2009 <sup>35</sup>	Italy	Women from a regional epilepsy center in Italy between 5 and 8 weeks postpartum	SCID	DSM-IV-TR	54	5 (9)
Vega-Dienstmaier, 2002 <sup>36</sup>	Peru	Women up to 12 months postpartum	SCID	DSM-IV	306	19 (6)
Fully Structured Interview	ws					
Felice, 2004 <sup>37</sup>	Malta	Pregnant women attending an antenatal clinic	CIS-R	ICD-10	226	32 (14)
Fisher, 2010 <sup>38b</sup>	Australia	Postpartum women recruited in Australian maternal and child health centres at 6 months postpartum	CIDI	DSM-IV	192	1 (1) <sup>c</sup>
Rowe, 2008 <sup>39</sup>	Australia	English speaking women admitted with their up to 1-year-old infants to private parenting centers	CIDI	DSM-IV	137	25 (18)
Yonkers, 2014 <sup>40</sup>	USA	Women at 17 weeks' gestation	CIDI	DSM-IV	2634	170 (6)
Mini International Neuro	psychiatric Interviews (I	MINI)				
Alvarado, 2015 <sup>41</sup>	Chile	Pregnant women up to 28 weeks' gestation	MINI	DSM-IV	111	38 (34)
Alvarado-Esquivel, 2006 <sup>42</sup>	Mexico	Women within 3 months postpartum	MINI	DSM-IV	91	10 (11)
Alvarado-Esquivel, 2016 <sup>43</sup>	Mexico	Pregnant women recruited at a public hospital	MINI	DSM-IV	184	12 (7)
Bakare, 2014 <sup>44</sup>	Nigeria	Postpartum women	MINI	DSM-IV	405	62 (15)
Chorwe-Sungani, 2018 <sup>45</sup>	Malawi	Pregnant women recruited from antenatal clinics	MINI	DSM-IV	96	25 (26)
Couto, 2015 <sup>46</sup>	Brazil	Women in their second trimester of pregnancy recruited at antenatal care in a public hospital	MINI	DSM-IV-TR	173	36 (21)
Comasco, 2016 <sup>47</sup>	Sweden	Pregnant women	MINI	DSM-IV	220	18 (8)
Eapen, 2013 <sup>48</sup>	Australia	Women attending an antenatal clinic in Sydney	MINI	DSM-IV	131	26 (20)
Fernandes, 2011 <sup>49</sup>	India	Rural women in their third trimester	MINI	DSM-IV	133	27 (20)
Figueira, 2009 <sup>50</sup> Imbula, 2012 <sup>51</sup>	Brazil Democratic Republic of Congo	Postpartum mothers recruited from hospitalization records Women between 1 and 10 months postpartum recruited from 'well-baby' clinics	MINI MINI	DSM-IV DSM-IV-TR	239 117	18 (8) 29 (25)
Khalifa, 2015 <sup>52</sup>	Sudan	Women at 3 months postpartum	MINI	ICD-10	40	18 (45)
Martinez, 2016 <sup>53</sup>	Chile	Postpartum mothers participating in a child health monitoring program	MINI	DSM-IV	298	63 (21)
Roomruangwong, 2016 <sup>54</sup>	Thailand	Pregnant women at the end of their term	MINI	DSM-IV-TR	126	1 (1)
Su, 2007 <sup>55</sup>	Taiwan	Women in their second and third trimesters	MINI	DSM-IV	185	23 (12)
Thiagayson, 2013 <sup>56</sup>	Singapore	Inpatient high-risk pregnant women at 23 weeks or more of gestation	MINI	DSM-IV	200	22 (11)
Usuda, 2016 <sup>57</sup>	Japan	Pregnant women between 12-24 weeks of gestation recruited at maternity hospital in Japan	MINI	DSM-IV	177	2 (1)
van Heyningen, 2018 <sup>58</sup>	South Africa	Pregnant women recruited from primary care antenatal clinics	MINI	DSM-IV	376	81 (22)

**Abbreviations**: CIDI: Composite International Diagnostic Interview; CIS: Clinical Interview Schedule; CIS-R: Clinical Interview Schedule Revised; DIGS: Diagnostic Interview for Genetic Studies; DSM: Diagnostic and Statistical Manual of Mental Disorders; ICD: International Classification of Diseases; MINI: Mini Neuropsychiatric Diagnostic Interview; SCID: Structured Clinical Interview for DSM Disorders; UK: United Kingdom; USA: United States of America.

<sup>a</sup>The primary study used a case-control design, but was unable to provide statistical weights to reflect sampling procedures.

<sup>&</sup>lt;sup>b</sup>This study was not retrieved at the time of electronic database search.

<sup>&</sup>lt;sup>c</sup>This case was excluded from the bivariate random-effects meta-analyses.

eTable2b. Characteristics of eligible primary studies that did not provide data for the present study (N=25)

First Author, Year	Country	Recruited Population	Diagnostic Interview	Total N	Major Depression N (%)	Could study have been added as a published dataset?	Reason for not contributing data
Semi-structured I	Interviews						
Aydin, 2004 <sup>59</sup>	Turkey	Women within their first postpartum year attending primary health care clinics in the province of Erzurum	SCID	341	34 (10)	Yes (Published accuracy results for EPDS cutoff 13)	The author indicated that the data no longer exist
Banti, 2011 <sup>60</sup>	Italy	Pregnant women presenting to the local health service in the region of Tuscany between 12 and 15 weeks' gestation	SCID	1066	NR	No (Primary study did not report accuracy results for any EPDS cutoff)	The author initially responded but did not provide data and did not respond to further emails
Brodey, 2016 <sup>61</sup>	USA	Pregnant women recruited from private obstetrics clinics in Atlanta, Georgia and Tulsa, Oklahoma as well as women within 150 days postpartum	SCID	879	NR	No (Published data ineligible: number of major depression cases not reported)	The author indicated that she/he was not willing to share data
Chibanda, 2010 <sup>62</sup>	Zimbabwe	HIV-infected and uninfected women attending two primary care clinics in Chitungwiza six weeks postpartum	SCID	210	NR	No (Published data ineligible: reported accuracy estimates were not for major depression, they were for a broader definition of depression)	The author indicated that the data no longer exist
Crotty, 2004 <sup>63</sup>	Ireland	Women between 6 and 8 weeks postpartum	SCAN	113	48 (42)	No (Published data ineligible: reported accuracy estimates were not for major depression, they were for a broader definition of depression)	The author provided a dataset but could not clarify distripencies between the data and the published study
Gausia, 2007 <sup>64</sup>	Bangladesh	Women 6 to 8 weeks postpartum attending an urban childhood immunization clinic in Bangladesh	SCID	100	3 (3)	No (Published data ineligible: reported accuracy estimates were not for major depression, they were for a broader definition of depression)	The author provided a dataset but could not distinguish between major and minor depression cases
Gorman, 2004 <sup>65</sup>	France, Ireland, Italy, USA, UK, Portugal, Austria, Switzerland	Women in their third trimester of pregnancy from 10 sites in 8 countries	SCID	289	10 (3)	No (Primary study did not report accuracy results for any EPDS cutoff)	The author indicated that too much work was involved and she/he did not have time
Li, 2011 <sup>66</sup>	China	Women between 2 and 12 weeks postpartum recruited from postnatal clinics of the three regional public hospitals in Changsha, China	SCID	387	24 (6)	No (Primary study did not report accuracy results for any EPDS cutoff)	The author never replied despite multiple attempts to contact
Moses-Kolko, 2012 <sup>67</sup>	USA	Postpartum women within 16 weeks of delivery	SCID	33	13 (39)	No (Primary study did not report accuracy results for any EPDS cutoff)	The author never replied despite multiple attempts to contact
Priest, 2013 <sup>68</sup>	Australia	Women at 2 months postpartum who delivered healthy term infants	SADS	292	NR	No (Primary study did not report accuracy results for any EPDS cutoff)	The author initially responded but did not provide data and did not respond to further emails

Stuebe, 2013 <sup>69</sup>	USA	Women in the third trimester of a singleton pregnancy who intended to breastfeed for at least 3 months	SCID 47		8 (17)	No (Primary study did not report accuracy results for any EPDS cutoff)	The author indicated that she/he was not willing to share data	
Fully Structured	Interviews							
Barnett, 1999 <sup>70</sup>	Australia	Pregnant women during their second trimester from four antenatal clinics in South-Western Sydney	DIS	316	21 (7)	Yes (Published accuracy results for EPDS cutoffs 8-10,12, and 13)	The author never replied despite multiple attempts to contact	
Bergink, 2011 <sup>71</sup>	The Netherlands	Pregnant women at 12 weeks' gestation from 5 community midwifery practices in and around the city of Eindhoven	CIDI	845	47 (6)	Yes (Published accuracy results for EPDS cutoffs 9-14)	The author indicated that the data no longer exist	
Mahmud, 2003 <sup>72</sup>	Malaysia	Women between 4 and 12 weeks postpartum attending a health clinic in Kedah	CIDI	64	9 (14)	No (Published data ineligible: reported accuracy estimates were not for major depression, they were for a broader definition of depression)	The author indicated that the data no longer exist	
Matthey, 2001 <sup>73</sup>	Australia	Women between 6 and 7 weeks postpartum who attended an evening preparation for parenthood class with their partners in South West Sydney	DIS	230	11 (5)	No (Published data ineligible: reported accuracy estimates were not for major depression, they were for a broader definition of depression)	The author indicated that too much work was involved and she/he did not have time	
O'Brien, 2004 <sup>74</sup>	UK	Mother of children with serial weights that crossed 2 major centiles on standardized growth charts or fell below the second centile.	CIS-R	216	31 (14)	No (Primary study did not report accuracy results for any EPDS cutoff)	The author provided a dataset, but could not clarify distripencies between the data and the published study	
Mini Internationa	al Neuropsychi	atric Interviews (MINI)						
Mini Internationa  Adewuya, 2006 <sup>75</sup>	Al Neuropsychi Nigeria	Women between 32 and 36 weeks pregnant recruited from the antenatal clinics in western Nigeria	MINI	86	9 (10)	Yes (Published accuracy results for EPDS cutoffs 10-16)	The author initially responded but did not provide data and did not respond to further emails	
Adewuya,		Women between 32 and 36 weeks pregnant recruited from the antenatal clinics in western Nigeria Women between 28 and 34 weeks' gestation attending antenatal consultations for pregnancy complication in a major Parisian	MINI MINI	86	9 (10)		not provide data and did not respond	
Adewuya, 2006 <sup>75</sup> Adouard,	Nigeria	Women between 32 and 36 weeks pregnant recruited from the antenatal clinics in western Nigeria Women between 28 and 34 weeks' gestation attending antenatal consultations for			, ,	for EPDS cutoffs 10-16)  Yes (Published accuracy results	not provide data and did not respond to further emails  The author indicated that the data no	
Adewuya, 2006 <sup>75</sup> Adouard, 2005 <sup>76</sup>	Nigeria France	Women between 32 and 36 weeks pregnant recruited from the antenatal clinics in western Nigeria Women between 28 and 34 weeks' gestation attending antenatal consultations for pregnancy complication in a major Parisian maternity facility Postpartum women at their first postnatal	MINI	60	15 (25)	for EPDS cutoffs 10-16)  Yes (Published accuracy results for EPDS cutoffs 10-13)  Yes (Published accuracy results for EPDS cutoffs 10-13)	not provide data and did not respond to further emails  The author indicated that the data no longer exist  The author never replied despite	
Adewuya, 2006 <sup>75</sup> Adouard, 2005 <sup>76</sup> Agoub, 2005 <sup>77</sup> Benvenuti,	Nigeria France Morocco	Women between 32 and 36 weeks pregnant recruited from the antenatal clinics in western Nigeria Women between 28 and 34 weeks' gestation attending antenatal consultations for pregnancy complication in a major Parisian maternity facility Postpartum women at their first postnatal visit 15 to 20 days after delivery  Women between 8 and 12 weeks postpartum in Florence's metropolitan area  Women attending routine postnatal visits between 6 and 12 weeks postpartum	MINI MINI	60 144	15 (25) 27 (19)	for EPDS cutoffs 10-16)  Yes (Published accuracy results for EPDS cutoffs 10-13)  Yes (Published accuracy results for EPDS cutoffs 10-13)  No (Published data ineligible: reported accuracy estimates were not for major depression, they were for a broader definition of depression)  No (Published data ineligible: did not incorporate appropriate sampling weights)	not provide data and did not respond to further emails  The author indicated that the data no longer exist  The author never replied despite multiple attempts to contact  The author initially responded but did not provide data and did not respond	
Adewuya, 2006 <sup>75</sup> Adouard, 2005 <sup>76</sup> Agoub, 2005 <sup>77</sup> Benvenuti, 1999 <sup>78</sup>	Nigeria France Morocco Italy	Women between 32 and 36 weeks pregnant recruited from the antenatal clinics in western Nigeria Women between 28 and 34 weeks' gestation attending antenatal consultations for pregnancy complication in a major Parisian maternity facility Postpartum women at their first postnatal visit 15 to 20 days after delivery  Women between 8 and 12 weeks postpartum in Florence's metropolitan area	MINI MINI MINI	60 144 113	15 (25) 27 (19) 18 (16)	for EPDS cutoffs 10-16)  Yes (Published accuracy results for EPDS cutoffs 10-13)  Yes (Published accuracy results for EPDS cutoffs 10-13)  No (Published data ineligible: reported accuracy estimates were not for major depression, they were for a broader definition of depression)  No (Published data ineligible: did not incorporate appropriate	not provide data and did not respond to further emails  The author indicated that the data no longer exist  The author never replied despite multiple attempts to contact  The author initially responded but did not provide data and did not respond to further emails  The author indicated that too much work was involved and she/he did not	

Pinheiro, 2013 <sup>82</sup>	Brazil	Women between 32 and 36 weeks pregnant recruited from the antenatal clinics in western Nigeria	MINI	207	27 (13)	No (Primary study did not report accuracy results for any EPDS cutoff)	The author initially responded but did not provide data and did not respond to further emails
van der Westhuizen, 2018 <sup>83</sup>	South Africa	Pregnant women between 20 and 28 weeks' gestation	MINI	662	31 (5)	Yes (Published accuracy results for EPDS cutoffs 10-18)	The author's decision to contribute is still pending

Abbreviations: CIDI: Composite International Diagnostic Interview; CIS-R: Clinical Interview Schedule Revised; DIS: Diagnostic Interview Schedule; MINI: Mini International Neuropsychiatric Interview; NR: Not Reported; SADS: Schedule for Affective Disorders and Schizophrenia; SCAN: Schedule for Clinical Assessment in Neuropsychiatry; SCID: Structured Clinical Interview for DSM Disorders; UK: United Kingdom; USA: United States of America.

eTable3a. Coefficients and p-values for one-stage meta-regressions assessing interactions between reference standard category and logit(sensitivity) and logit(1specificity)

7		8		9		10		11		12		13		14		15	
Estimate	p-value	Estimate	p-value	Estimate	p-value	Estimate	p-value	Estimate	p-value	Estimate	p-value	Estimate	p-value	Estimate	p-value	Estimate	p-value
-0.641	< 0.001	-0.980	< 0.001	-1.310	< 0.001	-1.680	< 0.001	-2.086	< 0.001	-2.555	< 0.001	-2.933	< 0.001	-3.401	< 0.001	-3.746	< 0.001
0.361	0.402	0.477	0.266	0.432	0.334	0.431	0.369	0.5	0.306	0.735	0.188	0.733	0.211	0.741	0.255	0.761	0.236
0.235	0.324	0.253	0.303	0.254	0.323	0.336	0.193	0.358	0.192	0.456	0.150	0.478	0.142	0.561	0.125	0.666	0.065
2.987	< 0.001	2.439	< 0.001	2.116	< 0.001	1.837	< 0.001	1.529	< 0.001	1.111	< 0.001	0.695	< 0.001	0.351	0.061	0.072	0.663
0.047	0.960	0.383	0.633	0.552	0.459	0.613	0.500	0.572	0.444	0.405	0.556	0.560	0.388	0.786	0.213	0.520	0.337
0.034	0.943	-0.061	0.884	-0.091	0.818	-0.127	0.753	0.000	1.000	-0.080	0.820	0.099	0.769	0.042	0.898	-0.040	0.890
	-0.641 0.361 0.235 2.987 0.047	-0.641 <0.001 0.361 0.402 0.235 0.324 2.987 <0.001 0.047 0.960	-0.641     <0.001     -0.980       0.361     0.402     0.477       0.235     0.324     0.253       2.987     <0.001     2.439       0.047     0.960     0.383	-0.641     <0.001     -0.980     <0.001       0.361     0.402     0.477     0.266       0.235     0.324     0.253     0.303       2.987     <0.001     2.439     <0.001       0.047     0.960     0.383     0.633	-0.641 <0.001 -0.980 <0.001 -1.310 0.361 0.402 0.477 0.266 0.432 0.235 0.324 0.253 0.303 0.254 2.987 <0.001 2.439 <0.001 2.116 0.047 0.960 0.383 0.633 0.552	-0.641       <0.001       -0.980       <0.001       -1.310       <0.001         0.361       0.402       0.477       0.266       0.432       0.334         0.235       0.324       0.253       0.303       0.254       0.323         2.987       <0.001       2.439       <0.001       2.116       <0.001         0.047       0.960       0.383       0.633       0.552       0.459	Estimate         p-value         Estimate         p-value         Estimate         p-value         Estimate           -0.641         <0.001         -0.980         <0.001         -1.310         <0.001         -1.680           0.361         0.402         0.477         0.266         0.432         0.334         0.431           0.235         0.324         0.253         0.303         0.254         0.323         0.336           2.987         <0.001         2.439         <0.001         2.116         <0.001         1.837           0.047         0.960         0.383         0.633         0.552         0.459         0.613	Estimate         p-value         Estimate         p-value         Estimate         p-value         Estimate         p-value           -0.641         <0.001         -0.980         <0.001         -1.310         <0.001         -1.680         <0.001           0.361         0.402         0.477         0.266         0.432         0.334         0.431         0.369           0.235         0.324         0.253         0.303         0.254         0.323         0.336         0.193           2.987         <0.001         2.439         <0.001         2.116         <0.001         1.837         <0.001           0.047         0.960         0.383         0.633         0.552         0.459         0.613         0.500	Estimate         p-value         Estimate         p-value<	Estimate         p-value         Estimate         p-value<	Estimate         p-value         Estimate           -0.641         <0.001         -0.980         <0.001         -1.310         <0.001         -1.680         <0.001         -2.086         <0.001         -2.555           0.361         0.402         0.477         0.266         0.432         0.334         0.431         0.369         0.5         0.306         0.735           0.235         0.324         0.253         0.303         0.254         0.323         0.336         0.193         0.358         0.192         0.456           2.987         <0.001         2.439         <0.001         2.116         <0.001         1.837         <0.001         1.529         <0.001         1.111           0.047         0.960         0.383         0.633         0.552         0.459         0.613         0.500         0.572         0.444         0.405	Estimate         p-value         Estimate         p-value<	Estimate         p-value         Estimate         p-value<	Estimate         p-value         Estimate         p-value<	Estimate         p-value         Estimate         p-value<	Estimate         p-value         Estimate         p-value<	Estimate         p-value         Estimate         p-value<

<sup>&</sup>lt;sup>a</sup>d0 corresponds to the model coefficient for logit(1-specificity) <sup>b</sup>d1 corresponds to the model coefficient for logit(sensitivity)

eTable3b. Coefficients and p-values for one-stage meta-regressions assessing interactions between pregnant vs. postpartum status and logit(sensitivity) and logit(1-specificity), among participants administered a semi-structured diagnostic interview

Cutoff	7		8		9		10		11		12		13		14		15	
	Estimate	p-value																
d0 <sup>a</sup>	-0.471	0.166	-0.715	0.041	-1.034	0.005	-1.465	< 0.001	-2.200	< 0.001	-2.668	< 0.001	-2.999	< 0.001	-3.186	< 0.001	-3.63	< 0.001
d0postpartum	-0.102	0.584	-0.160	0.402	-0.168	0.410	-0.130	0.540	0.063	0.782	0.058	0.818	0.030	0.905	-0.152	0.580	-0.095	0.737
$d1^b$	3.279	< 0.001	3.099	< 0.001	2.198	0.001	1.558	0.015	1.381	0.028	0.917	0.121	0.294	0.585	-0.117	0.830	-0.554	0.254
d1postpartum	-0.223	0.559	-0.376	0.309	-0.037	0.919	0.163	0.649	0.084	0.813	0.109	0.746	0.232	0.451	0.276	0.376	0.370	0.183

ad0 corresponds to the model coefficient for logit(1-specificity)
 bd1 corresponds to the model coefficient for logit(sensitivity)

eTable3c. Coefficients and p-values for one-stage meta-regressions assessing interactions between age and logit(sensitivity) and logit(1-specificity), among participants administered a semi-structured diagnostic interview

Cutoff	7		8	3	9	)	10	)	1	1	1	2	13	3	1	4	1:	5
	Estimate	p-value																
d0 <sup>a</sup>	-0.377	0.028	-0.906	< 0.001	-0.880	< 0.001	-1.167	< 0.001	-1.597	< 0.001	-1.701	< 0.001	-1.462	< 0.001	-2.399	< 0.001	-1.856	< 0.001
d0age	-0.009	0.003	-0.003	0.433	-0.015	< 0.001	-0.018	< 0.001	-0.017	< 0.001	-0.030	< 0.001	-0.052	< 0.001	-0.036	< 0.001	-0.068	< 0.001
$d1^b$	4.039	< 0.001	4.182	< 0.001	3.694	< 0.001	3.828	< 0.001	3.918	< 0.001	2.719	< 0.001	2.428	< 0.001	2.185	< 0.001	1.786	< 0.001
d1age	-0.037	0.004	-0.056	< 0.001	-0.052	< 0.001	-0.067	< 0.001	-0.080	< 0.001	-0.055	< 0.001	-0.059	< 0.001	-0.063	< 0.001	-0.059	< 0.001

<sup>&</sup>lt;sup>a</sup>d0 corresponds to the model coefficient for logit(1-specificity)

<sup>&</sup>lt;sup>b</sup>d1 corresponds to the model coefficient for logit(sensitivity)

eTable3d. Coefficients and p-values for one-stage meta-regressions assessing interactions between country human development index and logit(sensitivity) and logit(1-specificity), among participants administered a semi-structured diagnostic interview

Cutoff	7	1	8	1	9	)	1	0	1	1	1	2	13	3	1	4	1:	5
	Estimate	p-value																
d0 <sup>a</sup>	-0.688	< 0.001	-1.043	< 0.001	-1.411	< 0.001	-1.793	< 0.001	-2.223	< 0.001	-2.633	< 0.001	-3.024	< 0.001	-3.566	< 0.001	-3.916	< 0.001
d0hdi.h	-0.213	0.679	-0.149	0.780	-0.020	0.971	0.063	0.908	0.181	0.761	0.204	0.772	0.181	0.799	0.225	0.784	0.158	0.842
d0hdi.lm	0.346	0.353	0.395	0.296	0.523	0.179	0.547	0.155	0.589	0.159	0.239	0.638	0.332	0.510	0.583	0.317	0.638	0.259
d1 <sup>b</sup>	3.071	< 0.001	2.571	< 0.001	2.292	< 0.001	1.972	< 0.001	1.711	< 0.001	1.227	< 0.001	0.753	< 0.001	0.408	0.027	0.124	0.434
d1hdi.h	-0.226	0.794	0.132	0.891	0.335	0.701	0.555	0.514	0.054	0.942	0.341	0.620	0.600	0.348	0.644	0.302	0.609	0.245
d1hdi.lm	-0.979	0.083	-0.693	0.262	-1.059	0.053	-0.994	0.057	-1.075	0.023	-0.841	0.059	-0.655	0.113	-0.607	0.133	-0.589	0.094

<sup>&</sup>lt;sup>a</sup>d0 corresponds to the model coefficient for logit(1-specificity)

<sup>&</sup>lt;sup>b</sup>d1 corresponds to the model coefficient for logit(sensitivity)

eTable3e. Coefficients and p-values for one-stage meta-regressions assessing interactions between year of study publication<sup>a</sup> and logit(sensitivity) and logit(1-specificity), among participants administered a semi-structured diagnostic interview

Cutoff	7		8	1	9		10	)	1	1	1	2	13	3	14	1	1:	5
	Estimate	p-value																
$ m d0^{b}$	7.689	0.581	4.984	< 0.001	4.204	0.775	-2.881	0.124	-9.546	0.001	0.526	0.971	-3.618	0.78	-14.000	< 0.001	-11.667	< 0.001
d0.year	-7.905	0.708	-11.711	< 0.001	-6.916	0.756	3.396	0.344	3.125	0.714	-15.289	0.591	-6.996	0.808	15.129	< 0.001	10.335	< 0.001
d1°	-45.555	0.573	-32.251	< 0.001	-29.962	0.726	8.815	0.416	44.855	0.009	-16.982	0.842	4.533	0.952	61.783	< 0.001	45.886	< 0.001
d1.year	12.195	0.727	2.689	0.197	6.397	0.851	0.500	0.926	-14.851	0.003	-7.796	0.774	-8.597	0.73	-10.354	< 0.001	-8.671	0.006

<sup>&</sup>lt;sup>a</sup>Year of study publication was centred for modelling purposes

<sup>&</sup>lt;sup>b</sup>d0 corresponds to the model coefficient for logit(1-specificity)

<sup>&</sup>lt;sup>c</sup>d1 corresponds to the model coefficient for logit(sensitivity)

eTable3f. Coefficients and p-values for one-stage meta-regressions assessing interactions between QUADAS-2 Domain 1 overall bias and logit(sensitivity) and logit(1-specificity), among participants administered a semi-structured diagnostic interview

Cutoff	7	7	8	3	9	1	1	0	1	1	1	2	13	3	14	4	1	5
	Estimate	p-value																
d0 <sup>a</sup>	-0.801	0.004	-1.094	< 0.001	-1.350	< 0.001	-1.735	< 0.001	-2.025	< 0.001	-2.679	< 0.001	-3.084	< 0.001	-3.589	< 0.001	-3.830	< 0.001
d0.D1B	0.224	0.492	0.158	0.640	0.053	0.879	0.074	0.833	-0.097	0.798	0.149	0.738	0.187	0.676	0.206	0.693	0.057	0.911
d1 <sup>b</sup>	2.031	< 0.001	1.809	< 0.001	1.441	0.001	1.268	0.002	0.903	0.013	0.614	0.072	0.193	0.529	-0.230	0.431	-0.473	0.065
d1.D1B	1.153	0.015	0.881	0.099	0.931	0.056	0.758	0.109	0.837	0.051	0.659	0.10	0.662	0.066	0.783	0.022	0.730	0.015

<sup>&</sup>lt;sup>a</sup>d0 corresponds to the model coefficient for logit(1-specificity)

<sup>&</sup>lt;sup>b</sup>d1 corresponds to the model coefficient for logit(sensitivity)

eTable3g. Coefficients and p-values for one-stage meta-regressions assessing interactions between QUADAS-2 Domain 3 overall bias and logit(sensitivity) and logit(1-specificity), among participants administered a semi-structured diagnostic interview

Cutoff	7		8	1	9	)	1	0	1	1	1	2	1.	3	1-	4	1	5
	Estimate	p-value																
d0 <sup>a</sup>	-0.832	0.001	-1.148	< 0.001	-1.510	< 0.001	-1.886	< 0.001	-2.273	< 0.001	-2.653	< 0.001	-3.064	< 0.001	-3.431	< 0.001	-3.761	< 0.001
d0.D3B	0.302	0.318	0.263	0.392	0.311	0.331	0.320	0.314	0.282	0.421	0.128	0.757	0.181	0.664	-0.016	0.974	-0.050	0.917
d1 <sup>b</sup>	2.465	< 0.001	2.156	< 0.001	1.970	< 0.001	1.626	< 0.001	1.407	< 0.001	0.963	0.004	0.622	0.042	0.232	0.424	0.005	0.984
d1.D3B	0.643	0.194	0.472	0.376	0.250	0.621	0.306	0.517	0.168	0.708	0.201	0.619	0.091	0.809	0.164	0.646	0.086	0.786

<sup>&</sup>lt;sup>a</sup>d0 corresponds to the model coefficient for logit(1-specificity)

<sup>&</sup>lt;sup>b</sup>d1 corresponds to the model coefficient for logit(sensitivity)

eTable3h. Coefficients and p-values for one-stage meta-regressions assessing interactions between QUADAS-2 Domain 4 overall bias and logit(sensitivity) and logit(1-specificity), among participants administered a semi-structured diagnostic interview

Cutoff	7	1	8	3	9	1	1	0	1	1	1	2	13	3	14	4	1	5
	Estimate	p-value																
d0a	-0.462	0.020	-0.828	< 0.001	-1.175	< 0.001	-1.558	< 0.001	-1.955	< 0.001	-2.492	< 0.001	-2.918	< 0.001	-3.371	< 0.001	-3.710	< 0.001
d0.D4B	-0.377	0.194	-0.322	0.277	-0.290	0.347	-0.263	0.394	-0.297	0.381	-0.168	0.674	-0.067	0.867	-0.150	0.750	-0.172	0.711
d1 <sup>b</sup>	2.886	< 0.001	2.464	< 0.001	2.139	< 0.001	1.800	< 0.001	1.446	< 0.001	1.146	< 0.001	0.746	0.003	0.353	0.140	0.016	0.939
d1.D4B	0.025	0.960	0.001	0.998	-0.011	0.982	0.057	0.901	0.152	0.719	-0.097	0.801	-0.131	0.713	-0.024	0.944	0.092	0.760

<sup>&</sup>lt;sup>a</sup>d0 corresponds to the model coefficient for logit(1-specificity)

<sup>&</sup>lt;sup>b</sup>d1 corresponds to the model coefficient for logit(sensitivity)

eTable3i. Coefficients and p-values for one-stage meta-regressions assessing interactions between QUADAS-2 Domain 2 applicability concerns and logit(sensitivity) and logit(1-specificity), among participants administered a semi-structured diagnostic interview

Cutoff	7	1	8	3	9	1	1	0	1	1	1	2	13	3	1	4	1	5
	Estimate	p-value																
d0 <sup>a</sup>	-0.704	< 0.001	-1.038	< 0.001	-1.358	< 0.001	-1.735	< 0.001	-2.120	< 0.001	-2.603	< 0.001	-2.988	< 0.001	-3.493	< 0.001	-3.878	< 0.001
d0.D2A	0.463	0.274	0.417	0.336	0.330	0.465	0.386	0.392	0.194	0.701	0.226	0.703	0.270	0.649	0.388	0.571	0.653	0.322
d1 <sup>b</sup>	2.659	< 0.001	2.148	< 0.001	1.876	< 0.001	1.646	< 0.001	1.362	< 0.001	0.940	< 0.001	0.554	0.002	0.240	0.183	-0.018	0.910
d1.D2A	1.548	0.037	2.042	0.007	1.607	0.016	1.125	0.070	0.986	0.088	0.983	0.053	0.775	0.094	0.634	0.161	0.497	0.209

<sup>&</sup>lt;sup>a</sup>d0 corresponds to the model coefficient for logit(1-specificity)

<sup>&</sup>lt;sup>b</sup>d1 corresponds to the model coefficient for logit(sensitivity)

eTable3j. Coefficients and p-values for one-stage meta-regressions assessing interactions between QUADAS-2 Domain 3 applicability concerns and logit(sensitivity) and logit(1-specificity), among participants administered a semi-structured diagnostic interview

Cutoff	7		8	3	9	1	1	0	1	1	1	2	13	3	1	4	1	5
	Estimate	p-value																
d0 <sup>a</sup>	-0.563	0.003	-0.877	< 0.001	-1.174	< 0.001	-1.565	< 0.001	-1.950	< 0.001	-2.443	< 0.001	-2.836	< 0.001	-3.293	< 0.001	-3.686	< 0.001
d0.D3A	-0.182	0.537	-0.244	0.415	-0.331	0.291	-0.281	0.365	-0.349	0.309	-0.307	0.445	-0.271	0.502	-0.356	0.455	-0.254	0.589
d1 <sup>b</sup>	2.790	< 0.001	2.304	< 0.001	1.980	< 0.001	1.727	< 0.001	1.376	< 0.001	0.994	< 0.001	0.591	0.009	0.305	0.166	0.063	0.748
d1.D3A	0.305	0.550	0.458	0.385	0.416	0.406	0.273	0.557	0.374	0.390	0.265	0.497	0.231	0.518	0.094	0.787	0.002	0.994

<sup>&</sup>lt;sup>a</sup>d0 corresponds to the model coefficient for logit(1-specificity)

<sup>&</sup>lt;sup>b</sup>d1 corresponds to the model coefficient for logit(sensitivity)

eTable3k. Coefficients and p-values for one-stage meta-regressions assessing interactions between pregnant vs. postpartum status and logit(sensitivity) and logit(1-specificity), among participants administered the MINI

Cutoff	7		8	3	9	)	10	0	1	1	1	2	13	3	1	1	1:	5
	Estimate	p-value																
d0 <sup>a</sup>	-0.551	0.257	-0.925	0.071	-1.186	0.034	-1.441	0.006	-1.549	0.006	-1.576	0.018	-1.947	0.005	-2.462	0.001	-2.879	< 0.001
d0postpartum	0.109	0.750	0.150	0.679	0.101	0.799	0.079	0.831	-0.124	0.755	-0.379	0.423	-0.367	0.462	-0.251	0.631	-0.108	0.839
d1 <sup>b</sup>	5.060	< 0.001	3.350	< 0.001	2.459	0.003	2.480	0.009	2.118	0.024	1.506	0.124	1.649	0.08	0.977	0.276	0.359	0.653
d1postpartum	-1.386	0.115	-0.758	0.179	-0.379	0.504	-0.583	0.372	-0.453	0.484	-0.338	0.62	-0.615	0.348	-0.433	0.489	-0.247	0.657

<sup>&</sup>lt;sup>a</sup>d0 corresponds to the model coefficient for logit(1-specificity)

<sup>&</sup>lt;sup>b</sup>d1 corresponds to the model coefficient for logit(sensitivity)

eTable3l. Coefficients and p-values for one-stage meta-regressions assessing interactions between age and logit(sensitivity) and logit(1-specificity), among participants administered the MINI

Cutoff	7	,	8	i	9		10	0	1	1	1	2	13	3	14	4	1:	5
	Estimate	p-value																
d0 <sup>a</sup>	-0.394	0.100	-0.500	0.047	-0.519	0.055	-0.655	0.016	-0.710	0.017	-1.430	< 0.001	-1.874	< 0.001	-2.018	< 0.001	-2.365	< 0.001
d0age	0.000	0.953	-0.008	0.228	-0.019	0.007	-0.024	0.001	-0.036	< 0.001	-0.023	0.011	-0.020	0.052	-0.028	0.017	-0.023	0.066
d1 <sup>b</sup>	4.585	< 0.001	1.571	0.028	1.497	0.017	1.684	0.007	1.702	0.005	1.588	0.006	1.162	0.040	0.337	0.533	1.152	0.027
d1age	-0.048	0.103	0.028	0.249	0.017	0.422	0.001	0.978	-0.007	0.708	-0.019	0.254	-0.012	0.465	0.002	0.891	-0.04	0.012

<sup>&</sup>lt;sup>a</sup>d0 corresponds to the model coefficient for logit(1-specificity) <sup>b</sup>d1 corresponds to the model coefficient for logit(sensitivity)

eTable3m. Coefficients and p-values for one-stage meta-regressions assessing interactions between country human development index and logit(sensitivity) and logit(1specificity), among participants administered the MINI

re p-value 7 <0.001 0.006	-1.095 0.921	<b>p-value</b> <0.001	Estimate -1.447	<b>p-value</b> <0.001	Estimate	<b>p-value</b>	Estimate -2.087	p-value	Estimate	p-value	Estimate	p-value	Estimate	p-value	Estimate	p-value
			-1.447	< 0.001	-1.744	< 0.001	2.097	-0.001	2 400	0.004	2 001	0.004	2.212	-0.001	2.500	-0.001
0.006	0.921						-2.067	< 0.001	-2.400	< 0.001	-2.881	< 0.001	-3.212	< 0.001	-3.500	< 0.001
	0.721	0.006	0.978	0.006	0.982	0.003	0.997	0.005	1.010	0.020	1.216	0.006	1.238	0.005	1.364	0.001
0.424	0.239	0.498	0.271	0.477	0.315	0.372	0.162	0.672	-0.033	0.944	0.181	0.705	0.084	0.864	0.187	0.694
< 0.001	2.308	< 0.001	1.729	< 0.001	1.461	0.004	1.336	0.009	0.893	0.089	0.778	0.124	0.215	0.648	-0.209	0.610
0.600	-0.005	0.994	0.242	0.720	0.380	0.627	0.146	0.851	0.008	0.992	-0.069	0.927	0.251	0.724	0.424	0.492
0.406	-0.126	0.858	0.278	0.689	0.265	0.741	0.281	0.727	0.403	0.627	0.072	0.926	0.180	0.803	0.172	0.783
l	<0.001 0.600	<0.001 2.308 0.600 -0.005	<0.001 2.308 <0.001 0.600 -0.005 0.994	<0.001 2.308 <0.001 1.729 0.600 -0.005 0.994 0.242	<0.001 2.308 <0.001 1.729 <0.001 0.600 -0.005 0.994 0.242 0.720	<0.001       2.308       <0.001       1.729       <0.001       1.461         0.600       -0.005       0.994       0.242       0.720       0.380	<0.001       2.308       <0.001       1.729       <0.001       1.461       0.004         0.600       -0.005       0.994       0.242       0.720       0.380       0.627	<0.001       2.308       <0.001       1.729       <0.001       1.461       0.004       1.336         0.600       -0.005       0.994       0.242       0.720       0.380       0.627       0.146	<0.001       2.308       <0.001       1.729       <0.001       1.461       0.004       1.336       0.009         0.600       -0.005       0.994       0.242       0.720       0.380       0.627       0.146       0.851	<0.001       2.308       <0.001       1.729       <0.001       1.461       0.004       1.336       0.009       0.893         0.600       -0.005       0.994       0.242       0.720       0.380       0.627       0.146       0.851       0.008	<0.001       2.308       <0.001       1.729       <0.001       1.461       0.004       1.336       0.009       0.893       0.089         0.600       -0.005       0.994       0.242       0.720       0.380       0.627       0.146       0.851       0.008       0.992	<0.001       2.308       <0.001       1.729       <0.001       1.461       0.004       1.336       0.009       0.893       0.089       0.778         0.600       -0.005       0.994       0.242       0.720       0.380       0.627       0.146       0.851       0.008       0.992       -0.069	<0.001       2.308       <0.001       1.729       <0.001       1.461       0.004       1.336       0.009       0.893       0.089       0.778       0.124         0.600       -0.005       0.994       0.242       0.720       0.380       0.627       0.146       0.851       0.008       0.992       -0.069       0.927	<0.001       2.308       <0.001       1.729       <0.001       1.461       0.004       1.336       0.009       0.893       0.089       0.778       0.124       0.215         0.600       -0.005       0.994       0.242       0.720       0.380       0.627       0.146       0.851       0.008       0.992       -0.069       0.927       0.251	<0.001       2.308       <0.001       1.729       <0.001       1.461       0.004       1.336       0.009       0.893       0.089       0.778       0.124       0.215       0.648         0.600       -0.005       0.994       0.242       0.720       0.380       0.627       0.146       0.851       0.008       0.992       -0.069       0.927       0.251       0.724	<0.001       2.308       <0.001       1.729       <0.001       1.461       0.004       1.336       0.009       0.893       0.089       0.778       0.124       0.215       0.648       -0.209         0.600       -0.005       0.994       0.242       0.720       0.380       0.627       0.146       0.851       0.008       0.992       -0.069       0.927       0.251       0.724       0.424

ad0 corresponds to the model coefficient for logit(1-specificity)
 bd1 corresponds to the model coefficient for logit(sensitivity)

eTable3n. Coefficients and p-values for one-stage meta-regressions assessing interactions between year of study publication<sup>a</sup> and logit(sensitivity) and logit(1-specificity), among participants administered the MINI

Cutoff	7		8		9		10	)	1:	1	1	2	13	3	1	4	1:	5
	Estimate	p-value																
$d0^{b}$	71.836	0.073	43.283	0.058	33.562	< 0.001	24.460	0.340	18.829	0.441	13.794	0.601	19.276	0.459	12.507	< 0.001	12.880	0.537
d0.year	-28.260	0.412	-36.695	0.312	-26.120	< 0.001	-21.875	0.563	-19.174	0.638	-8.163	0.868	0.405	0.994	-2.007	0.802	-8.816	0.872
d1°	-391.246	0.074	-238.074	0.056	-187.136	< 0.001	-139.205	0.320	-110.713	0.407	-85.640	0.552	-117.720	0.408	-83.153	< 0.001	-86.810	0.446
d1.year	140.620	0.152	66.200	0.287	54.807	< 0.001	38.434	0.582	28.859	0.669	28.947	0.676	51.154	0.451	33.761	< 0.001	28.357	0.621

<sup>&</sup>lt;sup>a</sup>Year of study publication was centred for modelling purposes

<sup>&</sup>lt;sup>b</sup>d0 corresponds to the model coefficient for logit(1-specificity)

<sup>&</sup>lt;sup>c</sup>d1 corresponds to the model coefficient for logit(sensitivity)

eTable3o. Coefficients and p-values for one-stage meta-regressions assessing interactions between QUADAS-2 Domain 1 overall bias and logit(sensitivity) and logit(1specificity), among participants administered the MINI

Cutoff	7	,	8	3	9	)	1	0	1	1	1	2	13	3	1-	4	1	5
	Estimate	p-value																
d0 <sup>a</sup>	-0.826	0.003	-1.178	< 0.001	-1.489	< 0.001	-1.79	< 0.001	-2.126	< 0.001	-2.475	< 0.001	-2.797	< 0.001	-3.220	< 0.001	-3.413	< 0.001
d0.D1B	0.590	0.075	0.638	0.070	0.619	0.111	0.649	0.073	0.586	0.142	0.563	0.244	0.518	0.309	0.608	0.247	0.554	0.302
d1 <sup>b</sup>	4.593	< 0.001	2.656	< 0.001	2.121	< 0.001	2.094	0.001	1.837	0.002	1.397	0.027	1.217	0.043	0.457	0.424	-0.218	0.663
d1.D1B	-1.805	0.120	-0.493	0.450	-0.264	0.680	-0.594	0.412	-0.503	0.463	-0.492	0.499	-0.560	0.425	-0.099	0.882	0.331	0.573

<sup>&</sup>lt;sup>a</sup>d0 corresponds to the model coefficient for logit(1-specificity) <sup>b</sup>d1 corresponds to the model coefficient for logit(sensitivity)

eTable3p. Coefficients and p-values for one-stage meta-regressions assessing interactions between QUADAS-2 Domain 3 overall bias and logit(sensitivity) and logit(1specificity), among participants administered the MINI

Cutoff	7	,	8	3	9	)	1	0	1	1	1	2	13	3	1-	4	1	5
	Estimate	p-value																
d0 <sup>a</sup>	-0.211	0.368	-0.512	0.038	-0.888	0.001	-1.078	< 0.001	-1.494	< 0.001	-1.949	< 0.001	-2.295	< 0.001	-2.537	< 0.001	-2.773	< 0.001
d0.D3B	-0.345	0.271	-0.369	0.264	-0.277	0.447	-0.442	0.187	-0.380	0.301	-0.212	0.633	-0.230	0.623	-0.423	0.370	-0.393	0.413
d1 <sup>b</sup>	2.281	< 0.001	1.665	< 0.001	1.458	< 0.001	1.117	0.017	0.975	0.027	0.413	0.345	0.200	0.646	-0.017	0.969	-0.231	0.555
d1.D3B	1.848	0.056	1.105	0.039	0.818	0.143	1.012	0.117	0.930	0.126	1.141	0.061	1.124	0.060	0.724	0.215	0.437	0.407

ad0 corresponds to the model coefficient for logit(1-specificity)
 bd1 corresponds to the model coefficient for logit(sensitivity)

eTable3q. Coefficients and p-values for one-stage meta-regressions assessing interactions between QUADAS-2 Domain 4 overall bias and logit(sensitivity) and logit(1specificity), among participants administered the MINI

Cutoff	7	,	8	3	9	)	1	0	1	1	1	2	13	3	1-	1	1	5
	Estimate	p-value																
d0 <sup>a</sup>	-0.443	0.015	-0.748	< 0.001	-1.075	< 0.001	-1.358	0	-1.71	< 0.001	-2.034	< 0.001	-2.377	< 0.001	-2.724	< 0.001	-2.961	< 0.001
d0.D4B	0.173	0.656	0.106	0.798	0.106	0.812	0.103	0.808	-0.024	0.958	-0.212	0.696	-0.27	0.638	-0.328	0.580	-0.288	0.635
d1 <sup>b</sup>	3.458	< 0.001	2.381	< 0.001	1.968	< 0.001	1.836	< 0.001	1.645	< 0.001	1.104	0.003	0.917	0.012	0.435	0.205	0.073	0.809
d1.D4B	-0.992	0.339	-0.249	0.707	-0.093	0.885	-0.640	0.373	-0.620	0.378	-0.223	0.771	-0.409	0.580	-0.184	0.793	-0.210	0.733

ad0 corresponds to the model coefficient for logit(1-specificity)
 bd1 corresponds to the model coefficient for logit(sensitivity)

eTable3r. Coefficients and p-values for one-stage meta-regressions assessing interactions between QUADAS-2 Domain 2 applicability concerns and logit(sensitivity) and logit(1specificity), among participants administered the MINI

Cutoff	7		8	3	9	)	1	0	1	1	1	2	13	3	1-	4	1	5
	Estimate	p-value																
d0 <sup>a</sup>	-0.357	0.041	-0.672	< 0.001	-1.007	< 0.001	-1.241	< 0.001	-1.599	< 0.001	-1.966	< 0.001	-2.300	< 0.001	-2.634	< 0.001	-2.881	< 0.001
d0.D2A	-0.272	0.52	-0.294	0.512	-0.241	0.621	-0.498	0.259	-0.596	0.202	-0.597	0.293	-0.707	0.232	-0.808	0.178	-0.761	0.222
d1 <sup>b</sup>	2.981	< 0.001	2.243	< 0.001	1.907	< 0.001	1.591	< 0.001	1.370	< 0.001	0.967	0.008	0.751	0.035	0.391	0.243	0.131	0.646
d1.D2A	1.306	0.313	0.324	0.671	0.134	0.854	0.400	0.646	0.507	0.545	0.379	0.661	0.288	0.730	-0.060	0.939	-0.609	0.359

ad0 corresponds to the model coefficient for logit(1-specificity)
 bd1 corresponds to the model coefficient for logit(sensitivity)

eTable3s. Coefficients and p-values for one-stage meta-regressions assessing interactions between QUADAS-2 Domain 3 applicability concerns and logit(sensitivity) and logit(1specificity), among participants administered the MINI

Cutoff	7		8	3	9	)	1	0	1	1	1	2	13	3	1-	4	1	5
	Estimate	p-value																
d0 <sup>a</sup>	-0.220	0.314	-0.553	0.018	-0.869	0.001	-1.081	< 0.001	-1.433	< 0.001	-1.836	< 0.001	-2.178	< 0.001	-2.476	< 0.001	-2.779	< 0.001
d0.D3A	-0.372	0.229	-0.342	0.302	-0.362	0.314	-0.506	0.123	-0.566	0.109	-0.482	0.264	-0.516	0.256	-0.620	0.177	-0.454	0.338
d1 <sup>b</sup>	2.720	< 0.001	2.104	< 0.001	1.860	< 0.001	1.427	0.001	1.172	0.004	0.713	0.091	0.521	0.219	0.211	0.605	-0.095	0.794
d1.D3A	1.205	0.215	0.523	0.370	0.224	0.688	0.624	0.337	0.781	0.198	0.758	0.227	0.709	0.257	0.440	0.465	0.303	0.575

ad0 corresponds to the model coefficient for logit(1-specificity)
 bd1 corresponds to the model coefficient for logit(sensitivity)

eTable4a. Estimates of EPDS sensitivity and specificity for semi-structured studies, based on IPD alone and incorporating results from studies that did not contribute primary data but published eligible accuracy results

		IPD	only <sup>a</sup>				IPD + Publishe	d Accuracy Res	sults		
Cutoff	Sensitivity	95% CI	Specificity	95% CI	N Studies	N Participants	N Major Depression	Sensitivity	95% CI	Specificity	95% CI
10	0.85	(0.79, 0.90)	0.84	(0.79, 0.88)	36	9,066	1,330	0.85	(0.79, 0.90)	0.84	(0.79, 0.88)
11	0.81	(0.75, 0.87)	0.88	(0.85, 0.91)	36	9,066	1,330	0.81	(0.75, 0.87)	0.88	(0.85, 0.91)
12	0.75	(0.67, 0.81)	0.92	(0.89, 0.94)	36	9,066	1,330	0.75	(0.67, 0.81)	0.92	(0.89, 0.94)
13	0.66	(0.58, 0.74)	0.95	(0.92, 0.96)	37	9,407	1,364	0.67	(0.59, 0.74)	0.94	(0.92, 0.96)

<sup>a</sup>N Studies = 36; N Participants = 9,066; N major depression = 1,330 **Abbreviations**: CI: confidence interval; IPD: individual participant data

eTable4b. Estimates of EPDS sensitivity and specificity for fully structured studies (MINI excluded), based on IPD alone and incorporating results from studies that did not contribute primary data but published eligible accuracy results

		IPD	only <sup>a</sup>				IPD + Publishe	d Accuracy Res	sults		
Cutoff	Sensitivity	95% CI	Specificity	95% CI	N Studies <sup>b</sup>	N Participants	N Major Depression	Sensitivity	95% CI	Specificity	95% CI
10 <sup>c</sup>	0.93	(0.64, 0.99)	0.78	(0.57, 0.90)	6	4,349	295	0.89	(0.77, 0.95)	0.82	(0.67, 0.91)
11	0.90	(0.58, 0.98)	0.83	(0.62, 0.94)	5	4,033	274	0.84	(0.70, 0.92)	0.88	(0.75, 0.95)
12	0.81	(0.56, 0.94)	0.86	(0.70, 0.94)	6	4,349	295	0.76	(0.58, 0.88)	0.90	(0.79, 0.96)
13	0.79	(0.50, 0.94)	0.90	(0.75, 0.96)	6	4,349	295	0.70	(0.47, 0.86)	0.93	(0.83, 0.98)

<sup>&</sup>lt;sup>a</sup>N Studies = 3 for sensitivity and 4 for specificity; N Participants = 3,188; N major depression = 227

<sup>&</sup>lt;sup>b</sup>N Studies = 1 less for sensitivity

For the analysis combining IPD with published accuracy results, the default optimizer in glmer failed, thus bobyqa was used instead **Abbreviations**: CI: confidence interval; IPD: individual participant data

eTable4c. Estimates of EPDS sensitivity and specificity for MINI studies, based on IPD alone and incorporating results from studies that did not contribute primary data but published eligible accuracy results

		IPD	only <sup>a</sup>				IPD + Publishe	d Accuracy Res	sults		
Cutoff	Sensitivity	95% CI	Specificity	95% CI	N Studies	N Participants	N Major Depression	Sensitivity	95% CI	Specificity	95% CI
10	0.84	(0.74, 0.91)	0.79	(0.73, 0.84)	22	4,254	593	0.87	(0.78, 0.93)	0.78	(0.72, 0.84)
11	0.82	(0.71, 0.89)	0.84	(0.79, 0.89)	22	4,254	593	0.84	(0.74, 0.91)	0.84	(0.77, 0.89)
12	0.74	(0.60, 0.85)	0.89	(0.83, 0.92)	22	4,254	593	0.77	(0.65, 0.86)	0.88	(0.81, 0.92)
13	0.69	(0.54, 0.81)	0.91	(0.87, 0.94)	22	4,254	593	0.71	(0.59, 0.81)	0.91	(0.85, 0.95)

<sup>a</sup>N Studies = 18; N Participants = 3,302; N major depression = 511 **Abbreviations**: CI: confidence interval; IPD: individual participant data; MINI: Mini International Neuropsychiatric Interview

eTable5. Estimates of heterogeneity at EPDS cutoffs 10, 11, and 13 for each reference standard category

	Se	emi-structured	Diagnostic Interv	views	Full	y Structured Di	iagnostic Interv	iews	Mini Int	ternational Neur	opsychiatric In	terviews
	R	1		$ au^2$	R	a	1	$\tau^2$	R	a	1	z <sup>2</sup>
	Sensitivity	Specificity	Sensitivity	Specificity	Sensitivity	Specificity	Sensitivity	Specificity	Sensitivity	Specificity	Sensitivity	Specificity
Cutoff 10	3.270	5.122	1.245	0.798	6.372	10.530	1.833	0.974	2.858	4.071	1.411	0.522
Cutoff 11	3.148	4.771	1.052	0.832	6.325	10.614	1.657	1.189	2.933	3.912	1.352	0.564
Cutoff 13	3.149	4.299	0.862	1.077	5.109	8.804	1.131	1.175	3.436	3.832	1.527	0.768

<sup>&</sup>lt;sup>a</sup>R is the ratio of the estimated standard deviation of the pooled sensitivity (or specificity) from the random-effects model to the estimated standard deviation of the pooled sensitivity (or specificity) from the corresponding fixed-effects model

eTable6a. Comparisons of sensitivity and specificity estimates across EPDS cutoffs 7-15 among participants age < 25 and among participants age  $\geq$  25, among participants administered a semi-structured diagnostic interview

		Age	< 25 <sup>a</sup>			Age	≥ 25 <sup>b</sup>	
Cutoff	Sensitivity	95% CI	Specificity	95% CI	Sensitivity	95% CI	Specificity	95% CI
7	0.94	(0.87, 0.97)	0.64	(0.54, 0.73)	0.94	(0.91, 0.97)	0.65	(0.59, 0.71)
8	0.93	(0.85, 0.97)	0.70	(0.61, 0.78)	0.91	(0.86, 0.95)	0.73	(0.66, 0.78)
9	0.88	(0.79, 0.93)	0.75	(0.67, 0.82)	0.89	(0.83, 0.93)	0.79	(0.73, 0.84)
10	0.85	(0.76, 0.91)	0.81	(0.74, 0.87)	0.86	(0.79, 0.91)	0.84	(0.80, 0.88)
11	0.80	(0.70, 0.87)	0.87	(0.81, 0.91)	0.83	(0.83, 0.83)	0.89	(0.89, 0.89)
12	0.76	(0.65, 0.84)	0.90	(0.85, 0.94)	0.75	(0.67, 0.82)	0.93	(0.89, 0.95)
13	0.68	(0.57, 0.77)	0.93	(0.89, 0.96)	0.67	(0.58, 0.74)	0.95	(0.92, 0.97)
14	0.60	(0.48, 0.70)	0.95	(0.92, 0.97)	0.59	(0.50, 0.68)	0.97	(0.95, 0.98)
15	0.54	(0.44, 0.64)	0.96	(0.93, 0.97)	0.51	(0.43, 0.59)	0.98	(0.96, 0.99)

<sup>&</sup>lt;sup>a</sup>N Studies = 31; N Participants = 2,244; N major depression = 358 <sup>b</sup>N Studies = 36; N Participants = 6,801; N major depression = 972 **Abbreviations**: CI: confidence interval

eTable6b. Comparisons of sensitivity and specificity estimates across EPDS cutoffs 7-15 among participants age < 25 and among participants age  $\geq$  25, among participants administered the MINI

		Age	< 25 <sup>a</sup>			Age	e ≥ 25 <sup>b</sup>	
Cutoff	Sensitivity	95% CI	Specificity	95% CI	Sensitivity	95% CI	Specificity	95% CI
7	0.97	(0.90, 0.99)	0.62	(0.54, 0.69)	0.94	(0.86, 0.98)	0.59	(0.51, 0.67)
8	0.95	(0.88, 0.98)	0.69	(0.61, 0.76)	0.90	(0.83, 0.95)	0.66	(0.58, 0.74)
9	0.93	(0.84, 0.97)	0.76	(0.68, 0.83)	0.86	(0.77, 0.91)	0.73	(0.65, 0.80)
10	0.89	(0.78, 0.95)	0.82	(0.74, 0.88)	0.83	(0.72, 0.90)	0.78	(0.71, 0.84)
11	0.88	(0.75, 0.94)	0.86	(0.79, 0.91)	0.81	(0.69, 0.89)	0.84	(0.78, 0.89)
12	0.84	(0.69, 0.93)	0.92	(0.84, 0.96)	0.70	(0.56, 0.81)	0.87	(0.82, 0.91)
13	0.78	(0.62, 0.88)	0.94	(0.88, 0.97)	0.67	(0.52, 0.79)	0.91	(0.86, 0.94)
14	0.66	(0.50, 0.78)	0.95	(0.90, 0.98)	0.60	(0.43, 0.75)	0.93	(0.90, 0.96)
15	0.60	(0.44, 0.73)	0.95	(0.91, 0.97)	0.51	(0.36, 0.64)	0.95	(0.92, 0.97)

 <sup>&</sup>lt;sup>a</sup>N Studies = 14; N Participants = 844; N major depression = 171
 <sup>b</sup>N Studies = 18; N Participants = 2,381; N major depression = 340
 Abbreviations: CI: confidence interval

eTable7. QUADAS-2 ratings for each primary study included in the present study

F24 A4F X7	Don	nain 1: I	Particip	ant Sele	ction	Do	main 2:	Index 7	Γext	Dor	nain 3:	Referen	ce Stan	dard	Do	main 4:	FLow	and Tin	ning
First Author, Year	SQ1	SQ2	SQ3	RoB	AC	SQ1	SQ2	RoB	AC	SQ1	SQ2	SQ3	RoB	AC	SQ1	SQ2	SQ3	SQ4	RoB
Semi-Structured Interviews																			
Aceti, 2012 <sup>1</sup>	U/C	Yes	Yes	U/C	Low	N/A	N/A	Low	U/C	Yes	U/C	U/C	U/C	U/C	U/C	Yes	Yes	No	High
Barnes, 2009 <sup>2</sup>	U/C	Yes	Yes	U/C	U/C	N/A	N/A	Low	Low	Yes	U/C	U/C	U/C	Low	Yes	Yes	Yes	Yes	Low
Bavle, 2016 <sup>3</sup>	U/C	Yes	Yes	U/C	Low	N/A	N/A	Low	Low	Yes	U/C	Yes	U/C	Low	U/C	Yes	Yes	Yes	U/C
Beck, 2001 <sup>4</sup>	No	Yes	Yes	U/C	U/C	N/A	N/A	Low	Low	Yes	Yes	Yes	Low	Low	Yes	Yes	Yes	Yes	Low
Bunevicius, 2009 <sup>5</sup>	U/C	Yes	Yes	U/C	U/C	N/A	N/A	Low	Low	Yes	Yes	Yes	Low	Low	Yes	Yes	Yes	Yes	Low
Chaudron, 2010 <sup>6</sup>	No	Yes	Yes	U/C	U/C	N/A	N/A	Low	Low	Yes	Yes	U/C	U/C	Low	U/C	Yes	Yes	U/C	U/C
de Figueiredo, 2015 <sup>7</sup>	U/C	Yes	Yes	U/C	U/C	N/A	N/A	Low	Low	Yes	Yes	Yes	Low	Low	Yes	Yes	Yes	No	High
Garcia-Esteve, 2003 <sup>8</sup>	U/C	Yes	Yes	U/C	U/C	N/A	N/A	Low	Low	Yes	Yes	Yes	Low	U/C	Yes	Yes	Yes	U/C	U/C
Giardinelli, 20129	Yes	Yes	Yes	Low	U/C	N/A	N/A	Low	Low	Yes	U/C	Yes	U/C	U/C	U/C	Yes	Yes	Yes	U/C
Green, 2018 <sup>10</sup>	Yes	Yes	Yes	Low	U/C	N/A	N/A	Low	Low	Yes	Yes	Yes	Low	U/C	Yes	Yes	Yes	Yes	Low
Helle, 2015 <sup>11</sup>	No	Yes	Yes	U/C	U/C	N/A	N/A	Low	Low	Yes	U/C	U/C	U/C	Low	U/C	Yes	Yes	U/C	U/C
Hickey, 1997 <sup>12</sup>	U/C	Yes	Yes	Low	U/C	N/A	N/A	Low	Low	Yes	U/C	U/C	U/C	Low	U/C	Yes	Yes	U/C	U/C
Howard, 2018 <sup>13</sup>	No	Yes	Yes	U/C	Low	N/A	N/A	Low	U/C	Yes	U/C	Yes	U/C	U/C	U/C	Yes	Yes	Yes	U/C
Ing, 2017 <sup>14</sup>	U/C	Yes	Yes	Low	U/C	N/A	N/A	Low	Low	Yes	Yes	Yes	Low	Low	Yes	Yes	Yes	Yes	Low
Kettunen, 2017 <sup>15</sup>	No	No	Yes	High	Low	N/A	N/A	Low	U/C	Yes	No	Yes	High	U/C	U/C	Yes	Yes	Yes	U/C
Leonardou, 2009 <sup>16</sup>	Yes	Yes	Yes	Low	U/C	N/A	N/A	Low	Low	Yes	Yes	Yes	Low	Low	Yes	Yes	Yes	Yes	Low
Marsay, 2017 <sup>17</sup>	No	Yes	Yes	U/C	U/C	N/A	N/A	Low	Low	Yes	U/C	Yes	U/C	Low	Yes	Yes	Yes	Yes	Low
Navarro, 2007 <sup>18</sup>	Yes	Yes	Yes	Low	Low	N/A	N/A	Low	Low	Yes	Yes	Yes	Low	U/C	Yes	Yes	Yes	Yes	Low
Nakić Radoš, 2013 <sup>19</sup>	U/C	Yes	Yes	U/C	Low	N/A	N/A	Low	Low	Yes	Yes	U/C	U/C	U/C	Yes	Yes	Yes	Yes	Low
Pawlby, 2008 <sup>20</sup>	Yes	Yes	Yes	Low	U/C	N/A	N/A	Low	Low	Yes	U/C	Yes	U/C	Low	U/C	Yes	Yes	U/C	U/C
Phillips, 2009 <sup>21</sup>	U/C	Yes	Yes	U/C	U/C	N/A	N/A	Low	Low	Yes	Yes	Yes	Low	Low	Yes	Yes	Yes	Yes	Low
		Yes	Yes			N/A	N/A			Yes	U/C			Low	IPD <sup>b</sup>	Yes	Yes	U/C	
Prenoveau, 2013 <sup>22</sup>	U/C			U/C	Low			Low	Low			Yes	U/C						U/C
Robertson-Blackmore, 2013 <sup>23</sup>	U/C	Yes	Yes	U/C	Low	N/A	N/A	Low	Low	Yes	U/C	U/C	U/C	Low	Yes	U/C	Yes	Yes	U/C
Rochat, 2013 <sup>24</sup>	U/C	Yes	Yes	Low	U/C	N/A	N/A	Low	U/C	Yes	U/C	U/C	U/C	Low	Yes	Yes	Yes	Yes	Low
Siu, 2012 <sup>25</sup>	No	Yes	Yes	High	U/C	N/A	N/A	Low	Low	Yes	U/C	Yes	U/C	Low	Yes	Yes	Yes	Yes	Low
Smith-Nielsen, 2018 <sup>26a</sup>	No	Yes	Yes	U/C	U/C	N/A	N/A	Low	Low	Yes	No	U/C	High	U/C	Yes	Yes	Yes	Yes	Low
Stewart, 2013 <sup>27</sup>	No	Yes	Yes	U/C	U/C	N/A	N/A	Low	Low	Yes	Yes	Yes	Low	Low	Yes	Yes	Yes	No	U/C
Tandon, 2012 <sup>28</sup>	No	Yes	U/C	High	Low	N/A	N/A	Low	Low	Yes	U/C	Yes	U/C	Low	Yes	Yes	Yes	Yes	Low
Tendais, 2014 <sup>29</sup>	U/C	Yes	Yes	U/C	U/C	N/A	N/A	Low	Low	Yes	Yes	U/C	U/C	Low	U/C	U/C	Yes	U/C	U/C
Tissot, 2015 <sup>30</sup>	No	Yes	Yes	U/C	Low	N/A	N/A	Low	Low	Yes	U/C	Yes	U/C	Low	U/C	Yes	Yes	U/C	U/C
Töreki, 2013 <sup>31</sup>	U/C	Yes	Yes	U/C	Low	N/A	N/A	Low	Low	Yes	Yes	Yes	Low	U/C	Yes	Yes	Yes	Yes	Low
Töreki, 2014 <sup>32</sup>	U/C	Yes	Yes	U/C	Low	N/A	N/A	Low	Low	Yes	Yes	Yes	Low	U/C	Yes	Yes	Yes	Yes	Low
Tran, 2011 <sup>33</sup>	Yes	Yes	Yes	Low	U/C	N/A	N/A	Low	Low	Yes	Yes	Yes	Low	U/C	Yes	Yes	Yes	Yes	Low
<b>Tungchama</b> , 2017 <sup>34</sup>	Yes	Yes	Yes	Low	Low	N/A	N/A	Low	Low	Yes	U/C	U/C	U/C	Low	Yes	Yes	Yes	Yes	Low
Turner, 2009 <sup>35</sup>	U/C	Yes	Yes	U/C	Low	N/A	N/A	Low	Low	Yes	U/C	Yes	U/C	U/C	U/C	Yes	Yes	Yes	U/C
Vega-Dienstmaier, 2002 <sup>36</sup>	U/C	Yes	Yes	U/C	U/C	N/A	N/A	Low	U/C	Yes	U/C	U/C	U/C	U/C	Yes	Yes	Yes	Yes	Low
<b>Fully Structured Interviews</b>																			
Felice, 2004 <sup>37</sup>	Yes	Yes	Yes	Low	Low	N/A	N/A	Low	Low	Yes	Yes	Yes	Low	Low	Yes	Yes	Yes	Yes	Low
Fisher, 2010 <sup>38b</sup>	U/C	Yes	Yes	Low	U/C	N/A	N/A	Low	Low	Yes	U/C	Yes	U/C	Low	Yes	Yes	Yes	Yes	Low
Rowe, 2008 <sup>39</sup>	No	Yes	Yes	U/C	U/C	N/A	N/A	Low	Low	Yes	Yes	Yes	Low	Low	Yes	Yes	Yes	Yes	Low
Yonkers, 2014 <sup>40</sup>	U/C	Yes	Yes	U/C	Low	N/A	N/A	Low	U/C	Yes	U/C	Yes	U/C	U/C	Yes	Yes	Yes	U/C	U/C

Mini International Neuropsychiatric Interview (MINI)																			
Alvarado, 2015 <sup>41</sup>	U/C	Yes	Yes	U/C	U/C	N/A	N/A	Low	Low	Yes	Yes	Yes	Low	U/C	Yes	Yes	Yes	Yes	Low
Alvarado-Esquivel, 2006 <sup>42</sup>	U/C	Yes	Yes	U/C	Low	N/A	N/A	Low	Low	Yes	Yes	Yes	Low	U/C	Yes	Yes	Yes	Yes	Low
Alvarado-Esquivel, 2016 <sup>43</sup>	U/C	Yes	Yes	U/C	U/C	N/A	N/A	Low	Low	Yes	U/C	Yes	U/C	U/C	Yes	Yes	Yes	Yes	Low
Bakare, 2014 <sup>44</sup>	Yes	Yes	Yes	Low	U/C	N/A	N/A	Low	U/C	Yes	U/C	Yes	U/C	U/C	Yes	Yes	Yes	Yes	Low
Chorwe-Sungani, 2018 <sup>45</sup>	No	Yes	Yes	U/C	U/C	N/A	N/A	Low	Low	Yes	Yes	Yes	Low	Low	Yes	Yes	Yes	Yes	Low
Couto, 2015 <sup>46</sup>	U/C	Yes	Yes	U/C	U/C	N/A	N/A	Low	Low	Yes	Yes	Yes	Low	Low	U/C	Yes	Yes	U/C	U/C
Comasco, 2016 <sup>47</sup>	Yes	Yes	Yes	Low	Low	N/A	N/A	Low	U/C	Yes	U/C	Yes	U/C	U/C	Yes	Yes	Yes	Yes	Low
Eapen, 2013 <sup>48</sup>	No	Yes	Yes	U/C	U/C	N/A	N/A	Low	Low	Yes	U/C	Yes	U/C	Low	U/C	Yes	Yes	No	U/C
Fernandes, 2011 <sup>49</sup>	Yes	Yes	Yes	Low	Low	N/A	N/A	Low	Low	Yes	U/C	Yes	U/C	Low	Yes	Yes	Yes	Yes	Low
Figueira, 2009 <sup>50</sup>	U/C	Yes	Yes	U/C	Low	N/A	N/A	Low	Low	Yes	Yes	Yes	Low	Low	Yes	Yes	Yes	Yes	Low
Imbula, 2012 <sup>51</sup>	U/C	Yes	Yes	U/C	U/C	N/A	N/A	Low	U/C	Yes	U/C	Yes	U/C	U/C	U/C	Yes	Yes	Yes	U/C
Khalifa, 2015 <sup>52</sup>	No	Yes	Yes	U/C	U/C	N/A	N/A	Low	Low	Yes	Yes	Yes	Low	Low	Yes	No	Yes	No	High
<b>Martinez</b> , 2016 <sup>53</sup>	U/C	Yes	Yes	U/C	U/C	N/A	N/A	Low	Low	Yes	U/C	Yes	U/C	U/C	Yes	Yes	Yes	Yes	Low
Roomruangwong, 2016 <sup>54</sup>	U/C	Yes	Yes	U/C	U/C	N/A	N/A	Low	Low	Yes	U/C	Yes	U/C	U/C	Yes	Yes	Yes	Yes	Low
Su, 2007 <sup>55</sup>	U/C	Yes	Yes	U/C	U/C	N/A	N/A	Low	Low	Yes	Yes	Yes	Low	Low	Yes	Yes	Yes	Yes	Low
Thiagayson, 2013 <sup>56</sup>	No	Yes	Yes	U/C	U/C	N/A	N/A	Low	Low	Yes	Yes	Yes	Low	Low	Yes	Yes	Yes	Yes	Low
Usuda, 2016 <sup>57</sup>	U/C	Yes	Yes	Low	U/C	N/A	N/A	Low	Low	Yes	U/C	Yes	U/C	U/C	Yes	Yes	Yes	Yes	Low
van Heyningen, 2018 <sup>58</sup>	U/C	Yes	Yes	Low	U/C	N/A	N/A	Low	Low	Yes	U/C	Yes	U/C	Low	Yes	Yes	Yes	Yes	Low

**Abbreviations**: AC: acceptability concern, RoB: risk of bias, SQ: signalling question, N/A: not applicable; U/C: Unclear <sup>a</sup>Did not retrieve at the time of electronic database search <sup>b</sup>Rating varies at the individual participant level

## **Supplementary material references**

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