

Table 2. Pooled and meta-analysis of ultra-short screening tests for depression in primary care.

Year	Author	Meta -analysis weight	Meta -analysis relative risk	Total sample size	Pooled weight (%)	Prevalence (%)	Sensitivity (%)	Specificity (%)	PPV (%)	NPV (%)
Single question tests										
1997	Whooley MA <i>et al</i> ⁵²	4.122	2.08	536	3.0	18.1	92.78	61.96	35.02	97.49
1997	Whooley MA <i>et al</i> ⁵²	4.122	2.75	536	3.0	18.1	79.38	71.98	38.50	94.05
2003	Lowe <i>et al</i> ⁴⁷	0.97	6.56	310	1.76	17.7	52.73	94.12	65.91	90.23
2003	Lowe <i>et al</i> ⁴⁷	0.71	9.33	310	1.76	17.7	72.73	94.12	72.73	94.12
2003	Osborn <i>et al</i> ⁵⁶	24.49	12.2	13 670	77.6	7.7	7.79	99.5	56.6	92.8
2004	Corson <i>et al</i> ⁴⁸	5.87	3.88	1211	6.8	36.0	48.85	96.77	89.50	77.08
2005	Arroll B <i>et al</i> ⁵⁴	1.49	13.86	936	5.3	5.0	74.0	94.3	40.7	98.6
2006	Means-Christensen <i>et al</i> ⁵⁹	0.61	3.42	115	0.65	35.6	85.4	73.0	63.6	90.0
Sub-Total	Pooled effect for single Question Tests			17 624		25.49	32	97	55.6	92.3
Two or three question tests										
1994	Spitzer RL <i>et al</i> ⁵³	2.27	3.57	439	4.5	29.38	68.99	81.94	61.38	86.39
1997	Whooley MA <i>et al</i> ⁵²	4.57	1.77	536	5.6	18.10	95.88	56.95	32.98	98.43
1998	Brody <i>et al</i> ⁴⁵	3.9	5.06	1000	10.35	32.50	49.23	100.00	100.00	80.36
2003	Arroll B <i>et al</i> ⁵¹	3.07	2.2	421	4.4	37.29	17.83	99.62	96.55	67.09
2003	Arroll B <i>et al</i> ⁵¹	2.17	3.57	421	4.4	37.29	96.82	67.05	63.60	97.25
2003	Kroenke <i>et al</i> ⁴⁶	11.65	0.17	580	6.0	7.07	82.93	10.02	6.55	88.52
2003	Kroenke <i>et al</i> ⁴⁶	9.48	0.45	580	6.0	7.07	92.68	26.35	8.74	97.93
2004	Corson <i>et al</i> ⁴⁸	2.79	9.26	1211	12.5	20.73	95.22	88.96	69.28	98.61
2004	Corson <i>et al</i> ⁴⁸	2.56	10.21	1211	12.5	20.73	76.10	95.00	79.92	93.83
2004	Henckel <i>et al</i> ²⁹	3.6	1.8	431	4.5	9.98	90.70	61.86	20.86	98.36
2004	Henckel <i>et al</i> ²⁹	2.79	2.65	431	4.5	9.98	88.37	70.88	25.17	98.21
2005	Lowe <i>et al</i> ⁵⁰	2.56	3.8	520	5.4	13.65	87.32	77.95	38.51	97.49
2005	Arroll B <i>et al</i> ⁵⁴	4.6	3.8	936	9.7	5.0	95.7	78.4	18.9	99.7
2005	Arroll B <i>et al</i> ⁵⁴	2.27	8.75	936	9.7	5.0	95.7	89.4	32.4	99.7
Sub-Total	Pooled effect for two and three question tests			9653		17.6	73.7	74.7	38.3	93.0

PPV = positive predictive value. NPV = negative predictive value.