

Additional File 1. Summary table of research on mental health screening tools in correctional settings. Refer to the appendix at the end of the table for definitions of acronyms and variables.

Tool	Study	Setting	Population	<i>N</i>	Cut-off	% referred	Criterion	% cases	Sensitivity	Specificity	Overall accuracy
Tools with replication studies											
BJMHS	[20]	Jail	Female; half AA	146	2 symptoms or one service utilization item	35	SMI (C)	42	.46 [.34, .58]	.73 [.63, .81]	62%
	[42]	Jail	Female; majority AA	256	2 symptoms or one service utilization item	34	SMI (C)	24	.61 [.49, .72]	.75 [.69, .81]	72%
	[43]	Jail	Female; majority white	101	Any 1 item	85	I or II (C)	60	.95 [.86, .98]	.30 [.18, .45]	69%
					Any 2 items	69	I (C)	43	.90 [.78, .96]	.46 [.34, .59]	65%
							I or II (C)	60	.88 [.77, .94]	.60 [.45, .74]	77%
	[20]	Jail	Male, half AA	211	2 symptoms or one service utilization item	35	SMI (C)	27	.66 [.53, .76]	.76 [.69, .82]	73%

Tool	Study	Setting	Population	N	Cut-off	% referred	Criterion	% cases	Sensitivity	Specificity	Overall accuracy
	[42]	Jail	Male, majority AA	205	2 symptoms or one service utilization item	24	SMI (C)	16	.64 [.47, .78]	.84 [.77, .88]	80%
	[17]	Jail	Male; 42% white; 34% Maori; majority are remand cases	530	2 symptoms or one service utilization item	23	SMI (C)	46	.34 [.30, .38]	.86 [.83, .88]	62%
	[43]	Jail	Male; half white; 35% black	201	Any 2 items	53	I (C)	17	.82 [.66, .91]	.53 [.45, .60]	58%
					Any item	70	I or II (C)	50	.92 [.85, .96]	.41 [.32, .51]	58%
	[31]	Jail	Male	106	2 symptoms or one service utilization item	47	I (C)	35	.68 [.52, .80]	.64 [.52, .74]	65%
							I & SUD (C)	27	.66 [.47, .80]	.60 [.49, .70]	61%
							SMI (C)	23	.67 [.47, .82]	.59 [.47, .69]	60%
BJMHS-R	[42]	Jail	Female; majority AA	258	2	41	SMI (C)	24	.65 [.53, .76]	.66 [.59, .72]	66%
			Male, majority AA	206	2	33	SMI (C)	16	.67 [.50, .80]	.73 [.66, .79]	72%
CMHS-W	[43]	Jail	Female, majority white	101	1	94	I or II (C)	60	.98 [.91, 1.0]	.13 [.06, .27]	64%
					2	87	I (C)	43	.98 [.89, 1.0]	.21 [.12, .33]	54%

Tool	Study	Setting	Population	<i>N</i>	Cut-off	% referred	Criterion	% cases	Sensitivity	Specificity	Overall accuracy
					5	45	I or II (C)	60	.65 [.52, .76]	.85 [.70, .93]	73%
	[45]	Jail	Female, approximately 40% each white and black, and 20% Latin	100	6	39	I (C)	43	.63 [.48, .76]	.79 [.67, .88]	72%
					1	96	I or II (C)	61	.98 [.91, 1.0]	.08 [.03, .21]	63%
					2	84	I or II (C)	61	.93 [.84, .97]	.33 [.20, .49]	70%
					3	72	I or II (C)	61	.85 [.74, .92]	.49 [.34, .64]	71%
					4	58	I or II (C)	61	.74 [.62, .83]	.72 [.56, .84]	73%
					5	42	I or II (C)	61	.64 [.51, .75]	.92 [.79, .97]	75%
					6	32	I or II (C)	61	.48 [.36, .60]	.92 [.79, .97]	65%
					7	15	I or II (C)	61	.23 [.14, .35]	.97 [.86, .99]	52%
					8	2	I or II (C)	61	.03 [.01, .11]	1.0 [.91, 1.0]	41%
CMHS- M	[43]	Jail	Male, majority white	201	6	66	I or II (C)	50	.74 [.65, .82]	.75 [.66, .82]	50%
					7	35	I (C)	17	.68 [.51, .81]	.72 [.65, .78]	71%

Tool	Study	Setting	Population	<i>N</i>	Cut-off	% referred	Criterion	% cases	Sensitivity	Specificity	Overall accuracy
	[45]	Jail	Male, approximately 40% each white and black, and 20% Latin	106	1	91	I or II (C)	43	1.0 [.92, 1.0]	.15 [.08, .26]	52%
					2	86	I or II (C)	44	.98 [.89, 1.0]	.23 [.14, .35]	56%
					3	74	I or II (C)	44	.91 [.79, .96]	.40 [.29, .53]	62%
					4	62	I or II (C)	43	.89 [.77, .95]	.60 [.47, .71]	73%
					5	51	I or II (C)	45	.80 [.67, .89]	.78 [.66, .87]	79%
					6	41	I or II (C)	44	.70 [.56, .81]	.83 [.71, .90]	77%
					7	33	I or II (C)	43	.63 [.49, .75]	.90 [.80, .95]	78%
					8	20	I or II (C)	44	.44 [.31, .58]	.98 [.91, 1.0]	74%
					9	10	Axis I or II (C)	44	.24 [.14, .38]	1.0 [.94, 1.0]	67%
					10	9	I or II (C)	43	.20 [.11, .34]	1.0 [.94, 1.0]	65%
					11	4	I or II (C)	43	.09 [.04, .21]	1.0 [.94, 1.0]	61%
					12	1	I or II (C)	43	.02 [.00, .11]	1.0 [.94, 1.0]	57%
EMHS	[26]	women inst.	female sample	30	1	57	SMI (L)	37	1.0 [.74, 1.0]	.68 [.46, .85]	80%

Tool	Study	Setting	Population	N	Cut-off	% referred	Criterion	% cases	Sensitivity	Specificity	Overall accuracy
		Jail	male sample	90	1	29	SMI (L)	19	1.0 [.82, 1.0]	.88 [.78, .93]	90%
		Jail	young offender (18-21) male sample	30	1	20	SMI (L)	7	.50 [.09, .91]	.82 [.64, .92]	80%
	[17]	Jail	Male; 42% white; 34% Maori; majority are remand cases	530	1	33	SMI (C)	47	.42 [.38, .56]	.75 [.72, .78]	60%
	[11]	Jail	all male	534	1	38	I (L)	19	.76 [.67, .83]	.71 [.67, .76]	74%
	[48]	Jail	all male	43	1	33	I or II (NR)	NR	Unable to calculate – only assessed 41 positive screens out of 201 total offenders screened. PPV can be estimated at .23 as 10/41 assessed had a diagnosis		
JSAT	[41]	Women inst.	female sample	29	SPJ	48	I (NR)	41	.75 [.47, .91]	.71 [.47, .87]	72%
	[31]	Jail	male sample	106	SPJ	27	I (C)	35	.43 [.28, .59]	.81 [.70, .89]	68%
							I and SUD (C)	27	.38 [.23, .56]	.77 [.66, .85]	66%
							SMI (C)	23	.50 [.31, .69]	.79 [.69, .87]	73%
					BPRS \geq 4, mental health issue or placement recommendation	43	I (C)	35	.70 [.54, .83]	.69 [.58, .78]	70%
							I and SUD (C)	27	.72 [.54, .85]	.69 [.58, .78]	70%

Tool	Study	Setting	Population	N	Cut-off	% referred	Criterion	% cases	Sensitivity	Specificity	Overall accuracy					
RDS	[27, 28]	Jail	male sample	127	SPJ	43	SMI (C)	23	.67 [.47, .82]	.65 [.54, .74]	65%					
							SMI (C)	20	.84 [.65, .94]	.67 [.57, .75]	70%					
		[47]	Women inst.	female; 67% Maori or Maori/Mixed; 28% White	131	3 on any scale	60	SMI (L)	22	.86 [.69, .95]	.47 [.38, .57]	56%				
	3 on B							14	BPD (L)	Unreported – PPV = .22						
	3 on D							32	Maj. dep (L)	Unreported – PPV = .38						
	3 on S							15	Psy dx (L)	Unreported – PPV = .26						
	[19]							Jail	All male; little other information	182	2 on S or 3 on D or B	182	SMI (NR)	Unreported – PPV = .35 and NPV = .92		
													SMI (NR)	Unreported – PPV = .32 and NPV = .96		
													2 on D	39	Maj. dep (NR)	Unreported – PPV = .15 and NPV = .99
													3 on D	20	Maj. dep (NR)	Unreported – PPV = .19 and NPV = .98
													2 on S	5	Psy dx (NR)	Unreported – PPV = .33 and NPV = .97
	[40]	Jail	Male; 82% Caucasian	95	3 on B, 2 on D or S	22	3 on B	13	BPD (NR)	Unreported – PPV = .13 and NPV = .97						
SMI (NR)							12	.73 [.43, .90]	.84 [.75, .91]	83%						

Tool	Study	Setting	Population	N	Cut-off	% referred	Criterion	% cases	Sensitivity	Specificity	Overall accuracy
	[30]	Prison	Male; 51% black, 45% white	1149	3 on B, 2 on D or S	7	SMI (L)	8	.79 [.70, .86]	.99 [.98, .99]	97%
		Jail	Male; 81% black	728	1 on B	13	BPD (L)	3	.96 [.64, 1.0]	.90 [.86, .93]	90%
				728	1 on D	17	Maj. dep (L)	5	1.0 [.77, 1.0]	.87 [.82, .91]	88%
				728	1 on S	6	Psy dx (L)	3	.88 [.55, .98]	.96 [.93, .98]	96%
				728	2 on B	5	BPD (L)	3	.92 [.59, .99]	.98 [.96, .99]	98%
				728	2 on D	6	Maj. dep. (L)	5	.92 [.66, .98]	.98 [.96, .99]	98%
				728	2 on S	5	Psy dx (L)	4	.67 [.38, .87]	.99 [.96, .99]	97%
				728	3 on B	3	BPD (L)	3	.83 [.51, .96]	1.0 [.99, 1.0]	99%
				728	3 on D	3	Maj. dep.(L)	5	.50 [.26, .74]	1.0 [.98, 1.0]	97%
				728	3 on S	2	Psy dx (L)	3	.38 [.14, .68]	1.0 [.98, 1.0]	98%
				728	4 on B	1	BPD (L)	3	.33 [.12, .65]	1.0 [.99, 1.0]	98%
				728	4 on D	1	Maj. dep (L)	5	.14 [.04, .41]	1.0 [.98, 1.0]	96%
				728	4 on S	0	Psy dx (L)	3	.04 [.00, .36]	1.0 [.99, 1.0]	97%
				728	5 on B	0	BPD (L)	3	.04 [.00, .36]	1.0 [.99, 1.0]	97%
				728	5 on D	0	Maj. dep. (L)	5	.00 [.00, .23]	1.0 [.98, 1.0]	95%
				728	5 on S	0	Psy dx (L)	3	.00 [.00, .30]	1.0 [.99, 1.0]	97%

Tool	Study	Setting	Population	N	Cut-off	% referred	Criterion	% cases	Sensitivity	Specificity	Overall accuracy
	[43]	Jail	Female; majority white	101	1	87	I or II (C)	60	.97 [.89, .99]	.28 [.17, .43]	69%
				101	1	87	I (C)	43	.98 [.89, 1.0]	.21 [.12, .33]	54%
				101	2	74	I or II (C)	60	.90 [.80, .95]	.50 [.35, .65]	74%
				101	2	74	I(C)	43	.93 [.81, .98]	.40 [.28, .53]	63%
			Male; 49% White, 34% Black	201	2	66	I or II (C)	34	.87 [.77, .93]	.45 [.37, .53]	59%
				201	2	66	I (C)	17	.94 [.81, .98]	.40 [.33, .48]	49%
	[39]	Jail	51% female; 79% European American	100	1 on D	79	Maj. dep. (NR)	13	1.0 [.77, 1.0]	.24 [.16, .34]	34%
				100	2 on D	55	Maj. dep. (NR)	13	.85 [.58, .96]	.49 [.39, .59]	54%
				100	3 on D	31	Maj. dep. (NR)	13	.54 [.29, .77]	.72 [.62, .80]	70%
				100	4 on D	20	Maj. dep. (NR)	13	.46 [.23, .71]	.84 [.75, .90]	79%
	[37]	Jail	Males with SMI; 90% male, 53% Black, 43% White	207	2 on D	74	Maj. dep. (C)	27	.73 [.60, .83]	.25 [.19, .33]	38%
				207	2 on S	74	Psy dx (C)	31	.85 [.74, .91]	.31 [.24, .39]	47%
				207	3 on B	84	BPD (C)	15	.84 [.68, .93]	.16 [.11, .22]	26%

Tools without independent replication studies

Tool	Study	Setting	Population	N	Cut-off	% referred	Criterion	% cases	Sensitivity	Specificity	Overall accuracy
	[29]	prison subst. abuse tx. unit	female; approximately half white, 1/3 Latino, 1/5 AA	74	2	42	SMI (L)	58	.56 [.41, .70]	.77 [.60, .89]	65%
			male; approximately half white, 1/3 Latino, 1/5 AA	106	2	21	SMI (L)	30	.50 [.34, .66]	.92 [.83, .96]	79%
GHQ-28	[44]	Jail	Remand jail in Denmark; majority in solitary confinement	184	2	90	I (C)	41	.91 [.82, .96]	.10 [.06, .17]	43%
					3	79	I (C)	41	.88 [.79, .94]	.28 [.20, .37]	53%
					4	79	I (C)	41	.88 [.79, .94]	.28 [.20, .37]	53%
					5	66	I (C)	41	.81 [.71, .88]	.44 [.35, .53]	59%
					6	66	I (C)	41	.81 [.71, .88]	.44 [.35, .53]	59%
					7	54	I (C)	41	.72 [.61, .81]	.58 [.49, .67]	64%
					8	54	I (C)	41	.71 [.60, .80]	.58 [.49, .67]	63%
					9	54	I (C)	41	.71 [.60, .80]	.58 [.49, .67]	63%
					10	45	I (C)	41	.65 [.54, .75]	.69 [.60, .77]	68%
					11	45	I (C)	41	.65 [.54, .75]	.69 [.60, .77]	68%
					12	40	I (C)	41	.59 [.48, .69]	.73 [.64, .80]	67%
					13	38	I (C)	41	.59 [.48, .69]	.76 [.67, .83]	69%
					14	36	I (C)	41	.56 [.45, .67]	.77 [.68, .84]	68%
					15	35	I (C)	41	.52 [.41, .63]	.77 [.68, .84]	66%
					16	35	I (C)	41	.52 [.41, .63]	.77 [.68, .84]	66%
17	25	I (C)	41	.40 [.30, .51]	.86 [.78, .91]	67%					

Tool	Study	Setting	Population	N	Cut-off	% referred	Criterion	% cases	Sensitivity	Specificity	Overall accuracy
GSS	[29]	prison subst. abuse tx. unit	female; approximately half white, 1/3 Latino, 1/5 AA	74	2	91	I (L)	86	.92 [.83, .97]	.20 [.06, .51]	82%
			male; approximately half white, 1/3 Latino, 1/5 AA	106	2	73	I (L)	73	.81 [.70, .88]	.48 [.31, .66]	72%
GSS-IDS	[29]	prison subst. abuse tx. unit	female; approximately half white, 1/3 Latino, 1/5 AA	74	5	27	SMI (L)	58	.37 [.24, .52]	.87 [.71, .95]	58%
			male; approximately half white, 1/3 Latino, 1/5 AA	106	5	14	SMI (L)	30	.38 [.23, .55]	.96 [.89, .99]	78%
K6	[38]	Jail	female sample; 59% AA; diagnoses established using screening tools (PHQ, and Short Screening scale for DSM-IV PTSD)	515	13	36	Anx (C)	44	.69 [.62, .74]	.89 [.85, .93]	80%
						36	Anx (C) – top quartile	27	.80 [.73, .86]	.80 [.76, .84]	80%

Tool	Study	Setting	Population	N	Cut-off	% referred	Criterion	% cases	Sensitivity	Specificity	Overall accuracy
						36	Dep (C)	43	.66 [.60, .72]	.87 [.82, .90]	78%
						36	Dep (C)	27	.82 [.75, .88]	.81 [.77, .85]	81%
							– top quartile				
						36	PTSD (C)	53	.58 [.52, .64]	.89 [.85, .92]	73%
						36	PTSD(C)	25	.79 [.71, .85]	.79 [.74, .82]	79%
							– top quartile				
							Dep, Anx or PTSD (C)	66	.53 [.48, .59]	.98 [.95, .99]	68%
							Dep, Anx or PTSD (C) – top quartile	39	.74 [.68, .80]	.88 [.84, .91]	83%
MCMII-III	[46]	Prison	90% male; 46% Caucasian, 30% Hispanic, 21% AA	9468	T score of 75						
Schizoid Scale						12	MH need	15	Unable to calculate. Odds ratio = 2.8		
Avoidant Scale						25	MH need	15	Unable to calculate. Odds ratio = 2.4		
Depressive Scale						18	MH need	15	Unable to calculate. Odds ratio = 3.5		
Dependant scale						15	MH need	15	Unable to calculate. Odds ratio = 2.7		
Histrionic scale						13	MH need	15	Unable to calculate. Odds ratio = .8		

Tool	Study	Setting	Population	<i>N</i>	Cut-off	% referred	Criterion	% cases	Sensitivity	Specificity	Overall accuracy
Narcissistic Scale						21	MH need	15	Unable to calculate. Odds ratio = .7		
Antisocial scale						29	MH need	15	Unable to calculate. Odds ratio = 1.5		
Sadistic scale						20	MH need	15	Unable to calculate. Odds ratio = 1.6		
Compulsive scale						6	MH need	15	Unable to calculate. Odds ratio = .8		
Negativistic scale						21	MH need	15	Unable to calculate. Odds ratio = 2.1		
Self-defeating scale						12	MH need	15	Unable to calculate. Odds ratio = 2.6		
Schizotypal scale						3	MH need	15	Unable to calculate. Odds ratio = 4.2		
Borderline scale						7	MH need	15	Unable to calculate. Odds ratio = 5.3		
Paranoid scale						7	MH need	15	Unable to calculate. Odds ratio = 2		
Anxiety scale						38	MH need	15	Unable to calculate. Odds ratio = 2.9		
Somatoform scale						1	MH need	15	Unable to calculate. Odds ratio = 8.1		
Mania scale						3	MH need	15	Unable to calculate. Odds ratio = 3.1		
Dysthymia scale						15	MH need	15	Unable to calculate. Odds ratio = 3.7		
Alcohol scale						27	MH need	15	Unable to calculate. Odds ratio = 1.4		
Drug scale						18	MH need	15	Unable to calculate. Odds ratio = 1.6		
PTSD scale						6	MH need	15	Unable to calculate. Odds ratio = 5.2		
Thought disorder scale						1	MH need	15	Unable to calculate. Odds ratio = 7		
Major depression scale						3	MH need	15	Unable to calculate. Odds ratio = 9.5		
Delusional scale						2	MH need	15	Unable to calculate. Odds ratio = 3		
MDSIS	[39]	Jail	51% female; 79% European American	100							

Tool	Study	Setting	Population	<i>N</i>	Cut-off	% referred	Criterion	% cases	Sensitivity	Specificity	Overall accuracy
composite score					1	73	Maj. dep (NR)	13	1.0 [.77, 1.0]	.31 [.22, .41]	40%
					2	53	Maj. dep (NR)	13	.92 [.66, .99]	.53 [.43, .63]	58%
					3	39	Maj. dep (NR)	13	.77 [.50, .92]	.67 [.57, .76]	68%
					4	28	Maj. dep (NR)	13	.62 [.36, .83]	.77 [.67, .85]	75%
current depression scale					1	13	Maj. dep (NR)	13	.46 [.23, .71]	.92 [.84, .96]	86%
					2	5	Maj. dep (NR)	13	.23 [.08, .50]	.98 [.92, .99]	88%
					3	1	Maj. dep (NR)	13	.00 [.00, .23]	.99 [.94, 1.0]	86%
past mood symptoms scale					1	64	Maj. dep (NR)	13	.92 [.66, .99]	.40 [.30, .51]	47%
					2	37	Maj. dep (NR)	13	.69 [.42, .87]	.68 [.58, .77]	68%
					3	16	Maj. dep (NR)	13	.31 [.13, .58]	.86 [.77, .92]	79%
Suicide/treatment scale					1	45	Maj. dep (NR)	13	.63 [.37, .83]	.58 [.48, .68]	59%
					2	30	Maj. dep (NR)	13	.69 [.42, .87]	.76 [.66, .84]	75%
					3	14	Maj. dep (NR)	13	.23 [.08, .50]	.87 [.78, .93]	79%
MHS-A	[32]	Jail	Male	45	4 cut-offs	84	I or II (NR)	80	.94 [.82, .98]	.56 [.27, .81]	87%

Tool	Study	Setting	Population	<i>N</i>	Cut-off	% referred	Criterion	% cases	Sensitivity	Specificity	Overall accuracy
MHSF	[29]	prison subst. abuse tx. unit	female; approximately half white, 1/3 Latino, 1/5 AA	74	3	93	I (L)	86	.97 [.89, .99]	.30 [.11, .60]	88%
					11	27	SMI (L)	58	.42 [.28, .57]	.94 [.79, .98]	64%
				106	3	72	I (L)	73	.79 [.69, .87]	.48 [.31, .66]	71%
MINI- M	[29]	prison subst. abuse tx. unit	female; approximately half white, 1/3 Latino, 1/5 AA		11	15	SMI (L)	30	.34 [.20, .52]	.93 [.85, .97]	76%
				74	5	81	I (L)	86	.83 [.72, .90]	.30 [.11, .60]	76%
					10	34	SMI (L)	58	.49 [.35, .63]	.87 [.71, .95]	65%
NYS BST	[36]	Jail	Female; 69% Black, 15% Hispanic Male; 68% Black, 21% Hispanic	26	4 cut-offs	41	Need (C)	45	.88 [.60, .97]	.84 [.58, .95]	73%
				66		28	Need (C)	5	.67 [.21, .94]	.74 [.62, .83]	74%
					10	24	SMI (L)	30	.41 [.26, .58]	.84 [.74, .90]	71%
PAS	[39]	Jail	51% female; 79% European American	100							

Tool	Study	Setting	Population	<i>N</i>	Cut-off	% referred	Criterion	% cases	Sensitivity	Specificity	Overall accuracy
Composite Score				7		35	Maj dep. (NR)	13	1.0 [.77, 1.0]	.75 [.65, .83]	79%
				8		21	Maj dep. (NR)	13	.69 [.42, .87]	.86 [.77, .92]	84%
				9		19	Maj dep. (NR)	13	.62 [.36, .83]	.88 [.80, .93]	85%
Negative Affect				6		31	Maj dep. (NR)	13	.92 [.66, .99]	.78 [.68, .85]	80%
				7		18	Maj dep. (NR)	13	.62 [.36, .83]	.89 [.81, .94]	85%
PISP	[40]	Jail	Male; 82% White	95	NR	8	SMI (NR)	12	.45 [.21, .72]	.96 [.90, .99]	91%
PISP or RDS					NR	25	SMI (NR)	12	.91 [.62, .98]	.83 [.74, .90]	84%
PS – narrow	[49]	Jail	all male	567	3	23	Psy dx (L)	10	.65 [.52, .76]	.83 [.79, .86]	86%
PS – broad	[49]	Jail	all male	567	2	24	Psy dx (L)	10	.75 [.62, .84]	.83 [.79, .86]	87%

Appendix

Acronyms used as abbreviations for mental health screening tools

Acronym	Full Screening Tool Name
BJMHS	Brief Jail Mental Health Screen
BJMHS-R	Brief Jail Mental Health Screen - Revised
CMHS-F	Correctional Mental Health Screen for Women
CMHS-M	Correctional Mental Health Screen for Men
COSDI-MD	Co-Occurring Disorders Screening Instrument for Mental Disorder
COSDI-SMD	Co-Occurring Disorders Screening Instrument for Severe Mental Disorder
EMHS	England Mental Health Screen
GHQ-28	General Health Questionnaire (28 item)
GSS	Global Appraisal of Individual Needs Short Screener
GSS-IDS	Global Appraisal of Individual Needs Short Screener - Internal Disorder Screener
JSAT	Jail Screening Assessment Tool
K6	Kessler 6
MCMII-III	Millon Clinical Multiaxial Inventory–III
MDSIS	Mental Disability/Suicide Intake Screen
MHS-A	Mental Health Screen for Adults
MHSF	Mental Health Screening Form
MINI-M	Mini-International Neuropsychiatric Interview–Modified
NYS BST	New York State Brief Screening Tool

PAS	Personality Assessment Screener
PISP	Prisoner Intake Screening Procedure
RDS	Referral Decision Scale <ul style="list-style-type: none"> • B = Bipolar scale • D = Depression scale • S = Schizophrenia scale
PS	Screening Instrument for Psychosis

Definitions of Criterion Variables

For all criterion measures, a notation of either L (Lifetime), C (Current) or NR (Not reported) is made in parentheses to denote the time period covered. Specific criterion measures are as follows:

- SMI = Severe mental illness (i.e. psychotic disorders, bipolar disorder, and major depression)
- Axis I = A wider range of disorders falling on Axis I than SMI. As definitions were not always clear in papers, this typically refers to SMI plus anxiety disorders, dysthymia, etc. This excludes substance abuse and paraphilias
- Axis I and II = An Axis I disorder (as defined above) or a personality disorder, other than antisocial personality disorder
- Mental health need = Non-diagnostic outcome measures, such as a clinician assessment of need for treatment, receipt of services, or a referral for mental health services.