

## Exploring the development, validity, and utility of the short-form version of the CHoice of outcome in Cbt for psychosEs: a patient-reported outcome measure of psychological recovery

Article (Supplemental Material)

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*Table 1.* Characteristics of participants who took part in measure development and initial validation

	Initial item selection, sensitivity, construct validity N = 69	Initial Factor Structure N = 242	Comparison Sample N=44
Age (mean and sd)	39 (8.29)	38 (9.44)	40 (10.87)
	N (%)	N (%)	N (%)
Gender			
Male	38 (55%)	142 (59%)	23 (52%)
Female	31 (45%)	100 (41%)	20 (46%) <sup>4</sup>
Marital status			
Single	55 (81%)	185 (82%)	25 (57%)
Married	6 (9%)	22 (10%)	8 (18%)
Divorced	4 (6%)	7 (3%)	6 (14%)
Other	3 (4%)	12 (5%)	4 (9%) <sup>5</sup>
Ethnicity			
White	37 (54%)	118 (49%)	40 (91%)
British/English			
White Other	7 (10%)	19 (8%)	1 (2%)
Asian	2 (3%)	9 (4%)	1 (2%)
Black	16 (23%)	64 (27%)	2 (5%)
Chinese	0 (0%)	1 (0.4%)	-
Mixed	0 (0%)	0 (0%)	-
Other	7 (10%)	19 (8%)	-
Missing	0 (0%)	12 (5%)	-
Clinical Characteristics			
Mean (SD; range)			
MANSA	48.1 (9.5; 23 -68)	-	-
BDI <sup>1</sup>	23.7 (12.9; 3 -53)	-	-
BAI <sup>1</sup>	19.2 (12.5; 0 -50)	-	-
PSYRATS delusions <sup>2</sup>	14.6 (5.5; 0 -22)	-	13.6 (5.5; 0-21) <sup>6</sup>
PSYRATS voices <sup>3</sup>	27.3 (9.3; 0 -39)	-	29.8 (7.5; 0-38) <sup>7</sup>

<sup>1</sup> n= 68; <sup>2</sup> n= 45; <sup>3</sup>n=30, <sup>4</sup> n=43, <sup>5</sup>n=43, <sup>6</sup>n=25, <sup>7</sup>n=43

*Table 2.* Factor structure item loadings

Item	Initial sample factor loadings (n=242)
1. The ability to approach problems in a variety of ways	0.59
2. Self-confidence	0.64
3. Positive ways of relating to people	0.69
4. The ability to question the way I look at things	0.64
5. Ways of dealing with everyday life stresses	0.67
6. Ways of dealing with a crisis	0.73
7. Facing my own upsetting thoughts and feelings	0.71
8. Peace of mind	0.71
9. Understanding myself and my past	0.70
10. Understanding my experiences	0.73
11. Positive ways of thinking	0.81

Table 3. Characteristics of participants who took part in the secondary validation

	Baseline sample used for Confirmatory Factor Analysis (N = 354)	Completers of therapy (N = 51)
	M (SD: Range)	M (Range)
Age	37 (13.1 : 13-69) <sup>1</sup>	41 (11.5: 19-67)*
	N (%)	N (%)
Gender		
Male	164 (46%)	25 (50%)
Female	191 (53%)	26 (50%)
Other	2 (1%)	
Employment		
Employed	64 (18%)	7 (14%)
Unemployed	240 (67%)	39 (76%)
Student	28 (8%)	4 (8%)
Missing	26 (7%)	1 (2%)
Ethnicity		
White British	293 (82%)	39 (76%)
White Other	21 (6%)	6 (11%)
Asian	9 (3%)	
Black	8 (2%)	3 (5%)
Chinese	2 (1%)	1 (2%)
Mixed	12 (3%)	2 (5%)
Other	8 (2%)	
Missing	4 (1%)	
Diagnosis <sup>2</sup>		
Schizophrenia	105 (29%)	19 (36%)
Schizoaffective	16 (5%)	5 (11%)
BPD/UPD	62 (17%)	8 (16%)
Complex trauma	1 (0.1%)	0 (0%)
Depression	20 (6%)	7 (13%)
Mixed	70 (20%)	9 (18%)
Other	44 (12%)	1 (2%)

<sup>1</sup> N=349 for Age <sup>2</sup> N=352 for diagnosis

\* significant difference in age between those who completed therapy and the remainder of the baseline sample [df(347), t = -2.0 p = 0.044, (CI<sub>(95)</sub> = 7.93 - -0.11)]. There were no other significant differences in clinical or demographic characteristics between groups.

*Table 4:* Unstandardised (est) and standardised (std) estimates of factors loadings, with standard error (se), significance (p) and variance explained (var), for the confirmatory factor analysis

<b>Questionnaire item</b>	<b>est</b>	<b>se</b>	<b>P</b>	<b>Std</b>
1.The ability to approach problems in a variety of ways	1			0.731
2.Self-confidence	1.052	0.076	p<.001	0.771
3.Positive ways of relating to people	1.002	0.082	p<.001	0.681
4.The ability to question the way I look at things	1.123	0.085	p<.001	0.730
5.Ways of dealing with everyday life stresses	1.062	0.072	p<.001	0.815
6.Ways of dealing with a crisis	1.191	0.083	p<.001	0.794
7.Facing my own upsetting thoughts and feelings	1.023	0.077	p<.001	0.740
8.Peace of Mind	0.938	0.075	p<.001	0.700
9.Understanding myself and my past	1.118	0.092	p<.001	0.676
10.Understanding my experiences (e.g. beliefs, thoughts, voices, and related feelings)	1.007	0.084	p<.001	0.667
11.Positive ways of thinking	1.018	0.075	p<.001	0.753