How to Calculate the CAI Scales

The following table shows how to calculate a single score for each scale. Because different types of items are combined to form the scales, we recommend recoding the items (and their scales) so that they range from 0 to 1 (with 0 representing the absence of competency and 1 representing complete competency).

Scales	Item	Procedures	R=Item
	#		score is
			Reversed
Goal Functioning	23a	• Recode all three items using the following: ((6-item score)-1)/4	R
Goar I uncuoning	23b	Average the three scores together to create a scale score	R
	23c	• Only calculate the scale if 2 out of the 3 items are present (non-missing)	R
Stress	23d	Recode all four items using the following: ((6-item score)-1)/4	R
Sucss	23e	Average the four scores together to create a scale score	R
	23f	• Only calculate the scale if 3 out of the 4 items are present (non-missing)	R
	23g		R
Client Preferences	15	• Reverse and recode #15 with the following: (item score-1)/4	
	16	• Recode #s 16,20,21 using the following: ((6-item score)-1)/4	R
	20	Average the four scores together to create a scale score	R
	21	• Only calculate the scale if 3 out of the 4 items are present (non-missing)	R
Intensive Case Management	32b	Recode all three items using the following: ((6-item score)-1)/4	R
	32c	Average the three scores together to create a scale score	R
	32d	 Only calculate the scale if 2 out of the 3 items are present (non-missing) 	R
Holistic Approach	25	Reverse and recode all four items with the following: (item score-1)/4	
	26	Average the four scores together to create a scale score	
	27	Only calculate the scale if 3 out of the 4 items are present (non-missing)	
	28	5 J	
Family Education	45a	• Recode all four items using the following: ((5-item score)-1)/3	R
Tunny Education	45b	Average the four scores together to create a scale score	R
	45c	 Only calculate the scale if 3 out of the 4 items are present (non-missing) 	R
	45d	omy outcome the source is a out of the freezent (non-imaging)	R
Rehabilitation	33a	• Reverse and recode #s 33a & 33b with the following: (item score-1)/4	1
Rendomation	33b	• Reverse and recode #s 34,35,36 with the following: (100-item score)/100	
	34	Average the five scores together to create a scale score	
	35	Only calculate the scale if 3 out of the 5 items are present (non-missing)	
	36	omy carearate and some in a out of the a present (non-imponig)	
Skills advocacy	46	• Recode all five items using the following: ((6-item score)-1)/4	R
Skills day ocacy	47	Average the five scores together to create a scale score	R
	48	Only calculate the scale if 3 out of the 5 items are present (non-missing)	R
	32a		R
	32f		R
Integration/ Natural Supports	42a	Recode all three items using the following: ((6-item score)-1)/4	R
integration, ratural supports	42b	Average the three scores together to create a scale score	R
	42c	 Only calculate the scale if 2 out of the 3 items are present (non-missing) 	R
	1.20	• Count the "Don't know" response (=6) as missing	"
Stigma	41a	Recode all three items using the following: ((6-item score)-1)/4	R
U	41c	Average the three scores together to create a scale score	R
	41d	• Only calculate the scale if 2 out of the 3 items are present (non-missing)	R
Community Resources	37	• Reverse and recode all three items with the following: ((6-item score)-1)/4	R
	39	Average the three scores together to create a scale score	R
	40	• Only calculate the scale if 2 out of the 3 items are present (non-missing)	R
Medication Management	30	Recode both items using the following: ((6-item score)-1)/4	R
Wedication Wanagement	31	Average the two scores together to create a scale score	R
		Only calculate the scale if both items are present (non-missing)	1
Family Involvement	22.		R
Family Involvement	32e	■ Recode all three items using the following: (to-item score)-1/4	11
Family Involvement	32e 32g	 Recode all three items using the following: ((6-item score)-1)/4 Average the three scores together to create a scale score 	R

How to Calculate the CAI Scales (continued)

Scales	Item	Procedures	R=Item
	#		score is
			Reversed
Team Value	51	• Reverse and recode #52 with the following: (item score-1)/4	R
	52	• Recode #s 51,53,54 using the following: ((6-item score)-1)/4	
	53	Average the four scores together to create a scale score	R
	54	• Only calculate the scale if 3 out of the 4 items are present (non-missing)	R
Evidence-based practice	22a	• Recode all five items using the following: ((5-item score)-1)/3	R
_	22b	Average the five scores together to create a scale score	R
	22c	• Only calculate the scale if 3 out of the 5 items are present (non-missing)	R
	22d		R
	22e		R
Optimism	12a	• Reverse and recode #12a, 12d, 12e with the following: (item score-1)/4	
	12b	• Recode #s 12b, 12c, 12f using the following: ((6-item score)-1)/4	R
	12c	Average the six scores together to create a scale score	R
	12d	• Only calculate the scale if 4 out of the 6 items are present (non-missing)	
	12e		_