## **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	Pro	ocedures	R=Item
	#			score is
				Reversed
Goal Functioning	23a	•	Recode all three items using the following: ((6-item score)-1)/4	R
Ç	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
	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	1		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
in the second se	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	1
Tomore reprodes	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	-	only executate the search is out of the vicenis are present (non-inisoning)	
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	┥ ゙	Only calculate the scale if 5 out of the 4 fems are present (non missing)	R
Rehabilitation	33a	•	Reverse and recode #s 33a & 33b with the following: (item score-1)/4	K
Renaumation	33b	<b>∃</b> .	Reverse and recode #s 34,35,36 with the following: (100-item score)/100	
	34	<b>∃</b> .	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	- 1	only calculate the scale if 5 out of the 5 fems are present (non imissing)	
Skills advocacy	46	•	Recode all five items using the following: ((6-item score)-1)/4	R
Skins advocacy	47	┦.	Average the five scores together to create a scale score	R
	48	<b>∃</b> .	Only calculate the scale if 3 out of the 5 items are present (non-missing)	R
	32a	<b>┤</b>	Only ediculate the scale if 3 out of the 3 femis are present (non-finishing)	R
	32f	4		R
Integration/Natural Comparts	42a	+	Decede all three items using the following: ((6 item seems) 1)/4	R
Integration/ Natural Supports	42a 42b	•	Recode all three items using the following: ((6-item score)-1)/4 Average the three scores together to create a scale score	R
		┦:	Only calculate the scale if 2 out of the 3 items are present (non-missing)	R
	42c		Count the "Don't know" response (=6) as missing	
Stigma	41a	•	Recode all three items using the following: ((6-item score)-1)/4	R
Sugma	41a 41c	┦:	Average the three scores together to create a scale score	R
	41d	<b>∃</b> .	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
Community Resources	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
Madigation Management	30		<u> </u>	R
Medication Management	31	•	Recode both items using the following: ((6-item score)-1)/4	R
	31	•	Average the two scores together to create a scale score	K
Family Involvement	220	•	Only calculate the scale if both items are present (non-missing)	D
	32e	•	Recode all three items using the following: ((6-item score)-1)/4	R
	32g	<b>-</b>	Average the three scores together to create a scale score  Only calculate the scale if 2 out of the 3 items are present (non missing)	
	32i	•	Only calculate the scale if 2 out of the 3 items are present (non-missing)	R

## **How to Calculate the CAI Scales (continued)**

Scales Item		Procedures	
	#		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		