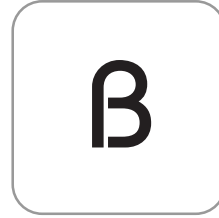


NORMS TABLES FOR THE  
CSBS DP CAREGIVER  
QUESTIONNAIRE



CAREGIVER QUESTIONNAIRE EMOTION AND EYE GAZE CLUSTER SCORES

		n =		12	47	53	71	107	129	114	113	89	55
SS	%ile	Age (months)											
		6-7	8-9	10-11	12	13-14	15-16	17-18	19-20	21-22	23-24		
17	99	14-16		16	16	16	16	16	16	16	16	16	16
16	98			15	15	15	15	15	15	15	15	15	15
15	95			14					15	15	15	15	15
14	91												
13	84												
12	75	13		14	14	14	14	14	14	14	14	14	14
11	63	12		13	13	13	13	13	13	13	13	13	13
10	50	11		12	12	12	12	12	12	12	12	12	12
9	37	10		11	11	11	11	11	11	11	11	11	11
8	25	9		10	10	10	10	10	10	10	10	10	10
7	16	8		9	9	9	9	9	9-10	10	10	10	10
6	9	0-7		0-7	0-7	0-8	0-8	0-8	0-8	0-9	0-9	0-9	0-9
5	5												
4	2												
3	1												
SEM	0.9	68% Confidence Interval ± 0.9				90% Confidence Interval ± 1.5				95% Confidence Interval ± 1.8			

CAREGIVER QUESTIONNAIRE COMMUNICATION CLUSTER SCORES

		n =		12	47	53	71	107	129	114	113	89	55
SS	%ile	Age (months)											
		6-7	8-9	10-11	12	13-14	15-16	17-18	19-20	21-22	23-24		
17	99	10-20		15-20	18-20	20	20	20	20	20	20	20	20
16	98			14	17	19	19	19	19	19	19	19	19
15	95	9		13	16	18	18	18	18	18	18	18	18
14	91			12	15	18	18	18	18	18	18	18	18
13	84			11	13-14	18	18	18	18	18	18	18	18
12	75	6-8		8-10	12	16-17	17	18	18	18	18	19	19
11	63	5		7	11	15	16	17	17	17	18	18	18
10	50	3-4		6	10	12-14	14-15	16	16	17	17	17	18
9	37	2		5	9	11	13	14-15	15	16	16	16	16-17
8	25	1		4	4	9-10	11-12	13	13-14	15	15	15	15
7	16			3	7-8	7-8	9-10	11-12	12	13-14	14	14	14
6	9			2	6	6	7-8	10	11	11-12	12-13	12-13	12-14
5	5				5	5	6	7-9	7-10	9-10	11	11	10-11
4	2				4	4-5	5	5-6	6	7-8	8-10	8-10	9
3	1	0		0-1	0-3	0-3	0-4	0-4	0-5	0-6	0-7	0-7	0-8
SEM	1.0	68% Confidence Interval ± 1.0				90% Confidence Interval ± 1.6				95% Confidence Interval ± 1.9			

CAREGIVER QUESTIONNAIRE GESTURES CLUSTER SCORES

		n =		12	47	53	71	107	129	114	113	89	55
SS	%ile	Age (months)											
		6-7	8-9	10-11	12	13-14	15-16	17-18	19-20	21-22	23-24		
17	99	6-12	10-12	12	12	12	12	12	12	12	12	12	12
16	98		9	11									
15	95		8	10	11								
14	91	5	7										
13	84	4		9									
12	75	3	6	8	10	11							
11	63		5				11	11					
10	50	2	4	7	9	10							
9	37	1	3	6	8				11	11			
8	25			5	7	9	10	10					11
7	16	0	2	3-4	6	7-8	9	9	10	10	10		
6	9		1	2	5	6	8	8	9	9	9	10	
5	5		0	1	3-4	4-5	4-7	7	8	8	8	9	10
4	2			0	1-2	2-3	2-3	3-6	4-7	7	7	7-8	9
3	1				0	0-1	0-1	0-2	0-3	0-6	0-6	0-6	0-6
SEM	1.0	68% Confidence Interval ± 1.0				90% Confidence Interval ± 1.6				95% Confidence Interval ± 1.9			

CAREGIVER QUESTIONNAIRE SOUNDS CLUSTER SCORES

		n =		12	47	53	71	107	129	114	113	89	55
SS	%ile	Age (months)											
		6-7	8-9	10-11	12	13-14	15-16	17-18	19-20	21-22	23-24		
17	99	11-16	14-16	16	16	16	16	16	16	16	16	16	16
16	98		13	14-15	15								
15	95		12	13	14	15							
14	91	10	11	12	13	14	15						
13	84	9	10		12	13	14	15					
12	75	8	9	11	11	12	13	14	15	15	15		
11	63	6-7	8	10	10	11	12	13	14	14	14	15	
10	50	5	7	9	9	10	11	12	13	13	13	14	15
9	37	4	6	8	9	9		11	12	12	12-13	12-13	14
8	25	3	5	7	8		9-10	9-10	11	11	11	11	12-13
7	16	2	4	6	7	7-8	8	8	9-10	9-10	9-10	9-10	9-10
6	9		3	5	5-6	6	7	7	7-8	7-8	7-8	7-8	7-8
5	5		2	4	4	5	5-6	5-6	6	6	6	6	6
4	2			3	3	4	4	4	5	5	5	5	5
3	1	0-1	0-1	0-2	0-2	0-3	0-3	0-3	0-4	0-4	0-4	0-4	0-5
SEM	1.0	68% Confidence Interval ± 1.0				90% Confidence Interval ± 1.6				95% Confidence Interval ± 1.9			

CAREGIVER QUESTIONNAIRE WORDS CLUSTER SCORES

		n =		12	47	53	71	107	129	114	113	89	55
SS	%ile	Age (months)											
		6-7	8-9	10-11	12	13-14	15-16	17-18	19-20	21-22	23-24		
17	99	1-24	8-24	10-24	17-24	17-24	23-24	24	24	24	24	24	24
16	98		7	8-9	12-16	16	21-22						
15	95		5-6	7	9-11	13-15	18-20	22-23					
14	91	0	4	5-6	8	12	17	18-21	23				
13	84		3	4	7	10-11	13-16	16-17	22	23			
12	75		2	3	5-6	9	10-12	14-15	20-21	21-22	23		
11	63		1	1-2	4	7-8	9	11-13	18-19	18-20	20-22		
10	50		0	0	3	5-6	8	10	14-17	15-17	17-19		
9	37				2	4	6-7	8-9	11-13	11-14	13-16		
8	25				1	2-3	5	5-7	8-10	8-10	10-12		
7	16				0	1	4	3-4	6-7	7	8-9		
6	9					0	1-3	2	3-5	4-6	4-7		
5	5						0	1	2	2-3	3		
4	2							0	1	1	2		
3	1								0	0	0-1		
SEM		68% Confidence Interval				90% Confidence Interval				95% Confidence Interval			
1.0		± 1.0				± 1.7				± 2.0			

CAREGIVER QUESTIONNAIRE UNDERSTANDING CLUSTER SCORES

		n =		12	47	53	71	107	129	114	113	89	55
SS	%ile	Age (months)											
		6-7	8-9	10-11	12	13-14	15-16	17-18	19-20	21-22	23-24		
17	99	7-24	15-24	17-24	23-24	24	24	24	24	24	24	24	24
16	98		12-14	15-16	21-22								
15	95		10-11	14	19-20	23							
14	91	6	9	13	17-18	20-22	23						
13	84		8	11-12	16	17-18	18-19	21-22	23				
12	75	5	7	9-10	12-15	17	19-20	22					
11	63	4	6	8	11	14-16	18	21	23	23			
10	50	3	5	7	9-10	12-13	16-17	19-20	21-22				
9	37	2	4	5-6	7-8	10-11	14-15	17-18	20	20-22	23		
8	25		3	4	6	9	12-13	15-16	17-19	17-19	20-21		
7	16	1	2	3	4-5	7-8	10-11	12-14	13-16	13-16	15-19		
6	9			2	3	5-6	7-9	8-11	10-12	10-12	12-14		
5	5	0	0-1			4	4-6	5-7	7-9	7-9	7-11		
4	2				2	3	3	4	5-6	6	6		
3	1			0-1	0-1	0-2	0-2	0-3	0-4	0-5	0-5		
SEM		68% Confidence Interval				90% Confidence Interval				95% Confidence Interval			
1.0		± 1.0				± 1.7				± 2.0			

CAREGIVER QUESTIONNAIRE OBJECT USE CLUSTER SCORES

		n =		12	47	53	71	107	129	114	113	89	55
SS	%ile	Age (months)											
		6-7	8-9	10-11	12	13-14	15-16	17-18	19-20	21-22	23-24		
17	99	5-27	11-27	15-27	22-27	24-27	26-27	27	27	27	27	27	27
16	98		9-10	13-14	19-21	23	25	26					
15	95		8	12	18	21-22	24	25					
14	91			11	16-17	20	23	24					
13	84		7	9-10	14-15	18-19	22	23	25-26	26			
12	75		4	6	8	13	15-17	19-21	20-22	24	25	25-26	25-26
11	63			5	7	11-12	14	18	19	23	23-24	23-24	23-24
10	50		3	4	6	10	13	15-17	17-18	21-22	21-22	22	22
9	37			3	5	9	11-12	14	16	19-20	19-20	20-21	20-21
8	25		2		4	8	9-10	12-13	14-15	16-18	18	18-19	18-19
7	16			2		7	8	11	12-13	15	16-17	16-17	16-17
6	9				3	5-6	7	9-10	10-11	11-14	14-15	14-15	14-15
5	5		1	1	2	4	4-6	6-8	7-9	8-10	11-13	13	13
4	2					3	3	3-5	3-6	6-7	7-10	10-12	10-12
3	1		0	0	0-1	0-2	0-2	0-2	0-2	0-5	0-6	0-9	0-9
SEM	1.0	68% Confidence Interval ± 1.0				90% Confidence Interval ± 1.7				95% Confidence Interval ± 2.0			

CAREGIVER QUESTIONNAIRE SOCIAL COMPOSITE SCORES

		n =		12	47	53	71	107	129	114	113	89	55
SS	%ile	Age (months)											
		6-7	8-9	10-11	12	13-14	15-16	17-18	19-20	21-22	23-24		
17	99	30-48	40-48	43-48	46-48	46-48	47-48	48	48	48	48	48	48
16	98		38-39	41-42	45	45		47	47	47	47	47	47
15	95		35-37	39-40	44	46		46	46	46	46	46	47
14	91		27-29	32-34	38	43	44	45	46	46	46	46	46
13	84		25-26	29-31	36-37	41-42	43		45	45	45	45	45
12	75		22-24	25-28	33-35	39-40	42	43-44	43-44	44	45	45	45
11	63		21	24	32	37-38	40-41	42	42	43	43-44	43-44	43-44
10	50		17-20	22-23	29-31	33-36	37-39	40-41	40-41	42	42	42	42
9	37		16	20-21	28	32	35-36	38-39	39	40-41	40-41	40-41	40-41
8	25			19	27	29-31	33-34	35-37	36-38	38-39	38-39	38-39	39
7	16		14-15	16-18	25-26	25-28	28-32	32-34	33-35	36-37	36-37	36-37	38
6	9		13	15	20-24	23-24	24-27	30-31	31-32	33-35	34-35	34-35	35-37
5	5		11-12	14	18-19	19-22	20-23	21-29	26-30	27-32	30-33	30-33	34
4	2		10	13	15-17	15-18	16-19	17-20	18-25	21-26	25-29	27-33	27-33
3	1		0-9	0-12	0-14	0-14	0-15	0-16	0-17	0-21	0-24	0-26	0-26
SEM	1.0	68% Confidence Interval ± 1.0				90% Confidence Interval ± 1.7				95% Confidence Interval ± 2.0			

CAREGIVER QUESTIONNAIRE SPEECH COMPOSITE SCORES

		n =		12	47	53	71	107	129	114	113	89	55
SS	%ile	Age (months)											
		6-7	8-9	10-11	12	13-14	15-16	17-18	19-20	21-22	23-24		
17	99	11-40	19-40	20-40	31-40	32-40	39-40	40	40	40	40	40	40
16	98		17-18	18-19	25-30	30-31	36-38	39					
15	95		14-16	17	22-24	27-29	33-35	37-38					
14	91	10	13	16	18-21	24-26	30-32	32-36	39				
13	84	9	12	14-15	16-17	22-23	26-29	29-31	36-38	38-39			39
12	75	8	10-11	13	15	19-21	22-25	26-28	35	36-37	37-38		
11	63	7	9	11-12	14	17-18	20-21	24-25	30-34	32-35	33-36		
10	50	6	8	10	12-13	15-16	18-19	22-23	25-29	27-31	30-32		
9	37	5	7	9	11	12-14	16-17	18-21	22-24	22-26	25-29		
8	25	3-4	6	8	9-10	11	14-15	14-17	18-21	19-21	21-24		
7	16	2	4-5	6-7	7-8	10	11-13	12-13	14-17	16-18	16-20		
6	9		3	5	5-6	8-9	8-10	9-11	10-13	11-15	12-15		
5	5		2	4	4	6-7	6-7	6-8	6-9	7-10	10-11		
4	2			3	3	5	5	5	5	6	9		
3	1	0-1	0-1	0-2	0-2	0-4	0-4	0-4	0-4	0-5	0-8		
SEM		68% Confidence Interval				90% Confidence Interval				95% Confidence Interval			
1.1		± 1.1				± 1.7				± 2.1			

CAREGIVER QUESTIONNAIRE SYMBOLIC COMPOSITE SCORES

		n =		12	47	53	71	107	129	114	113	89	55
SS	%ile	Age (months)											
		6-7	8-9	10-11	12	13-14	15-16	17-18	19-20	21-22	23-24		
17	99	12-51	20-51	30-51	41-51	47-51	49-51	50-51	51	51	51	51	51
16	98		19	27-29	37-40	45-46	48						
15	95	11	17-18	26	36	39-44	46-47	48-49					
14	91	10	16	21-25	32-35	37-38	44-45	46-47	50	50			
13	84	9	13-15	19-20	28-31	35-36	41-43	44-45	49	49	50		50
12	75	8	11-12	16-18	24-27	31-34	38-40	41-43	47-48	47-48	49		
11	63	10	14-15	21-23	28-30	34-37	39-40	45-46	45-46	45-46	46-48		
10	50	7	9	13	19-20	25-27	31-33	36-38	41-44	43-44	44-45		
9	37	5-6	7-8	11-12	15-18	21-24	27-30	32-35	38-40	40-42	41-43		
8	25	4	6	9-10	14	20	24-26	29-31	34-37	34-39	36-40		
7	16	3	5	7-8	12-13	16-19	23	25-28	28-33	31-33	34-35		
6	9		4	6	11	12-15	18-22	19-24	23-27	23-30	27-33		
5	5	0-2	3	5	7-10	10-11	11-17	12-18	15-22	17-22	24-26		
4	2		0-2	4	4-6	7-9	8-10	9-11	10-14	13-16	17-23		
3	1			0-3	0-3	0-6	0-7	0-8	0-9	0-12	0-16		
SEM		68% Confidence Interval				90% Confidence Interval				95% Confidence Interval			
1.1		± 1.1				± 1.8				± 2.1			

CAREGIVER QUESTIONNAIRE TOTAL SCORES

		n =	12	47	53	71	107	129	114	113	89	55									
SS	%ile	Age (months)																			
		6-7	8-9	10-11	12	13-14	15-16	17-18	19-20	21-22	23-24										
135	99	45-139	92-139	112-139	121-139	123-139	131-139	132-139	139	138	139	139									
134	99												107-111	122							
133	99												102-106	120							
132	98												97-101	117-119			130	131			
131	98												72-91	92-96	112-116	119			137	138	138
130	98		71	90-91	107-111	118	129	130	136	137											
129	97												86-89	102-106	117						
128	97												82-85	101	116						
127	96												78-81		115	127		135			
126	96												68	77	114	126		136			
125	95		67	76	100	113	125	129	135	136	137	136-137									
124	95												65-66	75	112	124	127-128				
123	94												63-64	74	111		126	134			
122	93												61-62		97	109-110	125	133			
121	92												59-60		108	122-123	124	132			
120	91	44	58	73	94-96	105-107	121	123	131	133	134										
119	90												91-93	104	115-120	121-122	130				
118	89												55-57	90	103	114	120				
117	87												43	54		87-89	101-102				
116	86															86	100	113	119	129	
115	84	42	53	72	85	98-99	111-112	118	128	131	132	133									
114	83												50-52	71	84	97	109-110				
113	81												49	70	96	108	117				
112	79												41	69	82-83	95	107	116	127	129-130	130-131
111	77																				
110	75	40	47	67	78-79	94	104	112-114	125	127	128	128									
109	73												77	93	111						
108	70												39	90-92	103	110	124	125			
107	68												38	89	102	109	123	124			
106	66												37	88	101	108	122	123			
105	63	36	45	56	74	87	98-100	105-107	121	122	125	125									
104	61												35	85-86	96-97	104	120	124			
103	58												34	84	95	103	117-119	119-120			
102	55												44	83	94		116	117-118			
101	53												43	82	93	102	115	116			
100	50												33	81-82	93						
														80	92						

(Continued)

CAREGIVER QUESTIONNAIRE TOTAL SCORES

		n =	12	47	53	71	107	129	114	113	89	55
SS	%ile	Age (months)	6-7	8-9	10-11	12	13-14	15-16	17-18	19-20	21-22	23-24
99	47		32	40		68-69	79	91	99-101	111-114	114-115	118
98	45		31	39	52	67		90	98	110	111-113	117
97	42		30	38	51	65-66	78	88-89	97	109	109-110	116
96	40		28-29		49-50	63-64	76-77	86-87	95-96	108	108	115
95	37		27		48	62	75	85	94	106-107	106-107	114
94	35		26	37		60-61	73-74	84		105	105	112-113
93	32		25	36	47	59	72	83	93	103-104	104	110-111
92	30			35			71		91-92	102	103	109
91	27			34	46	58	69-70	81-82	89-90		102	106-108
90	25			32-33		56-57	68	80	88	100-101		104-105
89	23		24	31		55	67	79	87	98-99	101	102-103
88	21			30		54	66	78	85-86	97	98-100	100-101
87	19		23		45	52-53	65		80-84	95-96	97	99
86	18			29	44	51	64	76-77	79	92-94	95-96	98
85	16		22		43	50	62-63	75		91	92-94	96-97
84	14			28	42		61	74	78	87-90	90-91	94-95
83	13			27	41	49	60	73	74-77	83-86	89	93
82	12		21	25-26			59	72	73	82	86-88	88-92
81	10			24	40	48	55-58	71	72	81	84-85	87
80	9			23	39		54		71	80	83	84-86
79	8		20	22	38	47	52-53	67-70	70	79	79-82	82-83
78	7		19	21	37	45-46	51	64-66	66-69	75-78	78	80-81
77	6		18	20	36	43-44	45-50	63	64-65	70-74	77	79
76	6		17		33-35	42	44		63	65-69	69-76	77-78
75	5		16	19	32		43			64	66-68	75-76
74	4		15		31	40-41	42	59-62	62	63	65	74
73	4				30	38-39	41	45-58	58-61	59-62	63-64	73
72	3				29	36-37	40	43-44	50-57	57-58	61-62	72
71	3		14	18	28	33-35	38-39	41-42	42-49	56	59-60	71
70	2				27	31-32	34-37	37-40	41	49-55	55-58	61-70
69	2		0-13		26	29-30	30-33	33-36	40	41-48	50-54	59-60
68	2				21-25	26-28	29	30-32	30-39	33-40	46-49	56-58
67	1			16-17	18-20	22-25	26-28	28-29	28-29	31-32	42-45	53-55
66	1			14-15	16-17	18-21	21-25	22-27	23-27	26-30	38-41	50-52
65	1			0-13	0-15	0-17	0-20	0-21	0-22	0-25	0-37	0-49
SEM			68% Confidence Interval			90% Confidence Interval			95% Confidence Interval			
4.0			± 4.0			± 6.5			± 7.7			