

Table 2. Sex Differences in Cognition and Recovery-Related Outcomes^a

Schizophrenia					Schizophrenia					Schizophrenia				
Variable	Male	Female	Total	P	Variable	Male	Female	Total	P	Variable	Male	Female	Total	P
GAF score				.600 ^b	Help needed with daily life skills				.185 ^d	Personal recovery, STORI score				.127 ^d
n	582	213	795		n	373	122	495		n	385	134	519	
Mean (SD)	55.49 (13.89)	56.08 (13.78)	55.65 (13.86)		No	271 (72.7)	81 (66.4)	352 (71.1)		Moratorium/awareness/preparation	152 (39.5)	63 (47.0)	215 (41.4)	
Range	10.00–95.00	20.00–90.00	10.00–95.00		Yes	102 (27.3)	41 (33.6)	143 (28.9)		Rebuilding/growth	233 (60.5)	71 (53.0)	304 (58.6)	
CGI score				.643 ^b	Satisfaction level with vocational status				.886 ^b	Functional recovery, GAF score				.141 ^d
n	576	213	789		n	375	122	497		n	582	213	795	
Mean (SD)	4.20 (1.10)	4.17 (1.07)	4.19 (1.09)		Mean (SD)	3.42 (2.91)	3.49 (2.95)	3.44 (2.92)		< 61	427 (73.4)	145 (68.1)	572 (71.9)	
Range	1.00–7.00	1.00–7.00	1.00–7.00		Range	0.00–10.00	0.00–10.00	0.00–10.00		≥ 61	155 (26.6)	68 (31.9)	223 (28.1)	
MARS total score				.713 ^b	Help needed with vocational status				.294 ^d	Long term memory, CVLT or RL/RI-16 score				.141 ^d
n	402	129	531		n	362	124	486		n	446	150	596	
Mean (SD)	6.82 (1.96)	6.75 (1.99)	6.80 (1.97)		No	74 (20.4)	20 (16.1)	94 (19.3)		Deficit level	154 (34.5)	42 (28.0)	196 (32.9)	
Range	0.00–10.00	0.00–10.00	0.00–10.00		Yes	288 (79.6)	104 (83.9)	392 (80.7)		Normal level	292 (65.5)	108 (72.0)	400 (67.1)	
BIS total score				.183 ^b	Satisfaction level with interpersonal relationships				.029 ^b	Executing functioning, digit span: short-term memory				.008 ^d
n	439	160	599		n	386	129	515		n	458	157	615	
Mean (SD)	8.41 (2.65)	8.78 (2.38)	8.51 (2.59)		Mean (SD)	6.20 (2.71)	5.53 (3.00)	6.03 (2.80)		Deficit level	59 (12.9)	34 (21.7)	93 (15.1)	
Range	0.00–12.00	1.50–12.00	0.00–12.00		Range	0.00–10.00	0.00–10.00	0.00–10.00		Normal level	399 (87.1)	123 (78.3)	522 (84.9)	
SQoL ₁₈ total score				.004 ^c	Help needed with interpersonal relationships				.004 ^d	Executing functioning, digit span: working memory				.060 ^d
n	415	148	563		n	370	124	494		n	458	156	614	
Mean (SD)	54.22 (17.25)	49.32 (18.61)	52.93 (17.73)		No	216 (58.4)	54 (43.5)	270 (54.7)		Deficit level	75 (16.4)	36 (23.1)	111 (18.1)	
Range	4.16–100.00	0.00–93.75	0.00–100.00		Yes	154 (41.6)	70 (56.5)	224 (45.3)		Normal level	383 (83.6)	120 (76.9)	503 (81.9)	
WEMWBS total score (z score)				.063 ^c	Satisfaction level with intimate relationships				.870 ^b	Attention, d2-R: attention capacity				.738 ^d
n	480	165	645		n	384	126	510		n	377	109	486	
Mean (SD)	−1.05 (1.28)	−1.27 (1.45)	−1.11 (1.33)		Mean (SD)	4.09 (3.09)	4.12 (3.43)	4.10 (3.17)		Deficit level	117 (31.0)	32 (29.4)	149 (30.7)	
Range	−7.79	−7.37	−7.79		Range	0.00–10.00	0.00–10.00	0.00–10.00		Normal level	260 (69.0)	77 (70.6)	337 (69.3)	
STORI, maximum stage				.247 ^d	Help needed with intimate relationships				.163 ^d	Attention, d2-R: target processed/processing speed				.733 ^d
n	385	134	519		n	369	124	493		n	383	110	493	
Moratorium	50 (13.0)	27 (20.1)	77 (14.8)		No	214 (58.0)	63 (50.8)	277 (56.2)		Deficit level	174 (45.4)	52 (47.3)	226 (45.8)	
Awareness	59 (15.3)	24 (17.9)	83 (16.0)		Yes	155 (42.0)	61 (49.2)	216 (43.8)		Normal level	209 (54.6)	58 (52.7)	267 (54.2)	
Preparation	43 (11.2)	12 (9.0)	55 (10.6)		Satisfaction level with family relationships				.383 ^b	Attention, d2-R: errors and omissions				.512 ^d
Rebuilding	98 (25.5)	28 (20.9)	126 (24.3)		n	389	129	518		n	380	108	488	
Growth	135 (35.1)	43 (32.1)	178 (34.3)		Mean (SD)	7.01 (2.44)	6.74 (2.65)	6.94 (2.50)		Deficit level	32 (8.4)	7 (6.5)	39 (8.0)	
SERS-SF total score				.056 ^c	Range	0.00–10.00	0.00–10.00	0.00–10.00		Normal level	348 (91.6)	101 (93.5)	449 (92.0)	
n	418	137	555		Help needed with family relationships				.173 ^d	Planning abilities, shopping test: reaction time				.313 ^a
Mean (SD)	5.24 (19.82)	1.46 (20.85)	4.31 (20.13)		n	374	125	499		N	413	136	549	
Range	−99	−108	−108		No	238 (63.6)	71 (56.8)	309 (61.9)		Deficit level	83 (20.1)	22 (16.2)	105 (19.1)	
ISMI total score				.036 ^b	Yes	136 (36.4)	54 (43.2)	190 (38.1)		Normal level	330 (79.9)	114 (83.8)	444 (80.9)	
n	426	149	575		Having ≥ 2 socially valued roles				< .001 ^d	Planning abilities, shopping test: error				.790 ^d
Mean (SD)	2.19 (0.46)	2.27 (0.45)	2.21 (0.46)		n	700	239	939		n	411	136	547	
Range	1.07–3.80	1.10–3.31	1.07–3.80		Yes	103 (14.7)	68 (28.5)	171 (18.2)		Deficit level	116 (28.2)	40 (29.4)	156 (28.5)	
CASIG adaptation score				.720 ^b	No	597 (85.3)	171 (71.5)	768 (81.8)		Normal level	295 (71.8)	96 (70.6)	391 (71.5)	
Satisfaction level with housing														
n	393	129	522											
Mean (SD)	6.84 (2.38)	6.74 (2.49)	6.82 (2.40)											
Range	0.00–10.00	0.00–10.00	0.00–10.00											
Help needed with housing				.059 ^d										
n	374	125	499											
No	239 (63.9)	68 (54.4)	307 (61.5)											
Yes	135 (36.1)	57 (45.6)	192 (38.5)											
Satisfaction level with daily life skills				.746 ^b										
n	389	128	517											
Mean (SD)	6.48 (2.38)	6.34 (2.55)	6.45 (2.42)											
Range	0.00–10.00	0.00–10.00	0.00–10.00											

^aValues are shown as n (%) unless otherwise noted. Boldface indicates statistical significance.
^bKruskal-Wallis rank sum test.
^cLinear model analysis of variance.
^dPearson χ^2 test.
Abbreviations: BIS = Birchwood Insight Scale; CASIG = Client Assessment of Strengths, Interests, and Goals; CGI = Clinical Global Impressions scale; CVLT = California Verbal Learning Test; GAF = Global Assessment of Functioning scale; ISMI = Internalized Stigma of Mental Illness scale; MARS = Medication Adherence Rating Scale; RLRI = 16-item Free and Cued Recall; SERS-SF = Self-Esteem Rating Scale–Short Form; SQoL₁₈ = 18-item self-reported Quality of Life scale; STORI = Stage of Recovery Instrument; WEMWBS = Warwick-Edinburgh Mental Well-being Scale.