

Supplementary Table 1. Sociodemographic and clinical characteristics of non-remitters and remitters in CATIE.

	All sample ^a N = 765	Non-remission N = 372	Remission N = 239	
	N/Mean (%/SD)	N/Mean (%/SD)	N/Mean (%/SD)	X²/F (p-value)
Age	40.93 (11.03)	41.52 (11.32)	40.14 (11.09)	0.022 (0.883)
Total	765 (100%)	372 (100%)	239 (100%)	
Missing	-	-	-	
Gender (F/tot)	206/765 (26.93%)	89/372 (23.9%)	68/239 (28.5%)	1.562 (0.211)
Total	765 (100%)	372 (100%)	239 (100%)	
Missing	-	-	-	
Employment (Full time/tot)	48/761 (6.31%)	15/371 (4.0%)	21/237 (8.9%)	6.026 (0.014)
Total	761 (99.48%)	371 (99.73%)	237 (99.16%)	
Missing	4 (0.52%)	1 (0.27%)	2 (0.84%)	
Social withdrawal at baseline (QOLS 8)	2.83 (1.74)	2.52 (1.59)	3.35 (1.92)	25.117 (<0.001)
Total	762 (99.61%)	371 (99.73%)	237 (99.16%)	
Missing	3 (0.39%)	1 (0.27%)	2 (0.84%)	
Psychopathological severity at baseline (PANSS)	74.20 (17.72)	81.31 (15.40)	62.21 (14.82)	0.232 (0.630)
Total	765 (100%)	372 (100%)	239 (100%)	
Missing	-	-	-	
Psychopathological severity at week 12 (PANSS)	66.11 (17.61)	77.18 (12.201)	48.88 (8.553)	24.427 (<0.001)
Total	611 (79.87%)	372 (100%)	239 (100%)	
Missing	154 (20.13%)	-	-	

Abbreviations: CATIE, Clinical Antipsychotic Trials of Intervention Effectiveness; SD, Standard deviations; F, Female; QUOLS 8, Quality-of-Life Scale item 8; PANSS, Positive and Negative Syndrome Scale.

^a including 154 individuals with missing information on remission status

Supplementary Table 2. Sociodemographic and clinical characteristics of non-remitters and remitters in CO-MED.

	All sample ^a	Non-remission	Remission	
	N = 482	N = 202	N = 150	
	N/Mean (%/SD)	N/Mean (%/SD)	N/Mean (%/SD)	X²/F (p-value)
Age	43.17 (12.46)	44.69 (11.89)	43.39 (12.71)	1.127 (0.289)
Total	482 (100%)	202 (100%)	150 (100%)	
Missing	-	-	-	
Gender (F/tot)	338/482 (70.1%)	146/202 (%)	105/150 (%)	0.218 (0.640)
Total	482 (100%)	202 (100%)	150 (100%)	
Missing	-	-	-	
Employment (Employed/tot)	237/482 (49.2%)	98/202 (51.75%)	83/150 (50.81%)	1.602 (0.206)
Total	482 (100%)	202 (100%)	150 (100%)	
Missing	-	-	-	
Social withdrawal at baseline (WSAS 03 + WSAS 05)	11.70 (3.76)	11.87 (3.67)	11.18 (3.85)	1.540 (0.215)
Total	482 (100%)	202 (100%)	150 (100%)	
Missing	-	-	-	
Psychopathological severity at baseline (QIDS-C)	20.63 (6.25)	20.90 (6.01)	19.91 (6.69)	2.864 (0.091)
Total	482 (100%)	202 (100%)	150 (100%)	
Missing	-	-	-	
Psychopathological severity at week 12 (QIDS-C)	8.12 (6.32)	12.06 (5.60)	2.81 (1.58)	104.934 (<0.001)
Total	352 (73.03%)	202 (100%)	150 (100%)	
Missing	130 (26.97%)	-	-	

Abbreviations: CO-MED, Combining Medications to Enhance Depression Outcomes; SD, Standard deviations; F, Female; WSAS 03, Work and Social Adjustment Scale item 3; WSAS 05, Work and Social Adjustment Scale item 5; QUIDS-C, Quick Inventory of Depressive Symptomatology-Clinician rated.

^a including 130 individuals with missing information on remission status

Supplementary Table 3. Sociodemographic and clinical characteristics of non-remitters and remitters in GSRD.

	All sample N = 1397	Non-remission N = 1197	Remission N = 200	
	N/Mean (%/SD)	N/Mean (%/SD)	N/Mean (%/SD)	X²/F (p-value)
Age	56.06 (84.82)	55.84 (86.50)	57.39 (74.17)	0.160 (0.690)
Total	1396 (99.93%)	1197 (100%)	200 (100%)	
Missing	1 (0.07%)	-	-	
Gender (F/tot)	926/1395 (66.4%)	788/1195 (65.94%)	138/200 (69.00%)	0.718 (0.397)
Total	1395 (99.86%)	1195 (99.83%)	200 (100%)	
Missing	2 (0.14%)	2 (0.17%)	-	
Employment (Employed/tot)	636/1361 (49.7%)	539/1172 (45.99%)	97/189 (51.32%)	1.859 (0.173)
Total	1361 (97.42%)	1172 (97.91%)	189 (94.50%)	
Missing	36 (2.58%)	25 (2.08%)	11 (5.50%)	
Social withdrawal at baseline (MADRS item 8)	3.59 (1.17)	3.65 (1.13)	3.24 (1.30)	3.697 (0.055)
Total	1394 (99.78%)	1196 (99.92%)	198 (0.99%)	
Missing	3 (0.22%)	1 (0.08%)	2 (0.01%)	
Psychopathological severity at study entry (MADRS)	24.71 (11.28)	27.99 (8.47)	5.07 (2.76)	134.162 (<0.001)
Total	1397 (100%)	1197 (100%)	200 (100%)	
Missing	-	-	-	
Psychopathological severity, retrospective (rMADRS)	34.13 (7.52)	34.51 (7.38)	31.89 (7.94)	3.665 (0.056)
Total	1397(100%)	1197 (100%)	200 (100%)	
Missing	-	-	-	

Abbreviations: GSRD, European Group for the Study of Resistant Depression; SD, Standard deviations; F, Female; MADRS, Montgomery and Asberg Depression Rating Scale; rMADRS, retrospective Montgomery and Asberg Depression Rating Scale.

Supplementary Table 4. Sociodemographic and clinical characteristics of non-remitters and remitters in STAR*D.

	All sample ^a N = 1953	Non-remission N = 937	Remission N = 509	
	N/Mean (%/SD)	N/Mean (%/SD)	N/Mean (%/SD)	X²/F (p-value)
Age	43.15 (13.37)	44.45 (12.85)	42.71 (13.33)	1.660 (0.198)
Total	1953 (100%)	937 (100%)	509 (100%)	
Missing	-	-	-	
Gender (F/tot)	1205/1953 (61.70%)	580/937 (61.90%)	328/509 (64.44%)	0.911 (0.340)
Total	1953 (100%)	937 (100%)	509 (100%)	
Missing	-	-	-	
Employment (Full time/tot)	738/1953 (37.79%)	315/937 (33.62%)	240/509 (47.15%)	25.543 (<0.001)
Total	1953 (100%)	937 (100%)	509 (100%)	
Missing	-	-	-	
Social withdrawal at baseline (WSAS 03+WSAS 05)	9.96 (4.08)	10.44 (3.91)	9.03 (4.04)	1.421 (0.234)
Total	1876 (96.06%)	924 (98.61%)	498 (97.84%)	
Missing	77 (3.94%)	13 (1.39%)	9 (2.16%)	
Psychopathological severity at baseline (QIDS-C)	15.42 (5.10)	16.35 (4.61)	13.82 (5.24)	11.95 (0.001)
Total	1876 (96.06%)	924 (98.61%)	498 (97.84%)	
Missing	77 (3.94%)	13 (1.39%)	9 (2.16)	
Psychopathological severity at week 12 (QIDS-C)	9.35 (6.37)	12.85 (5.13)	2.89 (1.58)	523.237 (<0.001)
Total	1446 (74.04%)	937 (100%)	509 (%)	
Missing	507 (25.86%)	-	-	

Abbreviations: STAR*D, Sequenced Treatment Alternatives to Relieve Depression; SD, Standard deviations; F, Female; WSAS 03, Work and Social Adjustment Scale item 3; WSAS 05, Work and Social Adjustment Scale item 5; QUIDS-C, Quick Inventory of Depressive Symptomatology-Clinician Rated.

^a including 507 individuals with missing information on remission status

Supplementary Table 5. Sociodemographic and clinical characteristics of non-remitters and remitters in STEP-BD.

	All sample ^a N = 1056	Non-remission N = 519	Remission N = 136	
	N/Mean (%/SD)	N/Mean (%/SD)	N/Mean (%/SD)	X²/F (p-value)
Age	39.86 (11.46)	41.10 (10.76)	40.38 (12.06)	4.840 (0.028)
Total	1056 (100%)	519 (100%)	136 (100%)	
Missing	-	-	-	
Gender (F/tot)	623/1055 (59.1%)	308/518 (59.46%)	79/136 (58.09%)	0.084 (0.772)
Total	1055 (100%)	518 (100%)	136 (100%)	
Missing	1 (transgender)	1 (transgender)	-	
Employment (Full time/tot)	685/738 (92.8%)	361/377 (95.75%)	69/80 (86.25%)	10.728 (0.001)
Total	738 (69.89%)	377 (72.64%)	80 (58.82%)	
Missing	318 (30.11%)	142 (27.36%)	56 (41.18%)	
Social withdrawal at the baseline (LRIFT 2c + LRIFT 2d)	5.91 (2.47)	6.02 (2.44)	5.52 (2.54)	1.150 (0.284)
Total	1037 (98.20%)	513 (98.84%)	135 (99.26%)	
Missing	19 (1.80%)	6 (1.16%)	1 (0.74%)	
Psychopathological severity at baseline (MADRS)	29.01 (5.49)	29.40 (5.48)	27.67 (5.14)	0.798 (0.372)
Total	1056 (100%)	519 (100%)	136 (100%)	
Missing	-	-	-	
Psychopathological severity at week 12 (MADRS)	19.71 (10.80)	23.60 (8.50)	4.90 (2.97)	111.632 (<0.001)
Total	655 (62.03%)	519 (100%)	136 (100%)	
Missing	401 (37.97%)	-	-	
Symptoms of mania at baseline (YMRS)	7.32 (4.94)	7.40 (4.91)	6.28 (4.68)	2.318 (0.128)
Total	1045 (98.95%)	516 (99.42%)	135 (99.26%)	
Missing	11 (1.05%)	3 (0.58%)	1 (0.74%)	
Symptoms of mania at week 12 (YMRS)	6.69 (6.18)	7.16 (6.20)	4.93 (5.87)	1.486 (0.223)
Total	660 (62.50%)	513 (98.84%)	136 (100%)	
Missing	396 (37.50%)	6 (1.16%)	-	

Abbreviations: STEP-BD, Systematic Treatment Enhancement Program for Bipolar Disorder; SD, Standard deviations; F, Female; LRIFT 2c, Life-Range of Impaired Functioning Tool item 2c; LRIFT 2d, Life-Range of Impaired Functioning Tool item 2d; MADRS, Montgomery and Asberg Depression Rating Scale; YMRS, Young Mania Rating Scale.

^a including 401 individuals with missing information on remission status