

Extended TABLE 1. Baseline Characteristics of STAR*D Level 2 Participants Who Received Augmentation Treatments^a

Characteristic	Augmentation Option						p
	Total (N=182)		Cognitive Therapy (N=65)		Medication (N=117)		
	N	%	N	%	N	%	
Female	119	65.4	41	63.1	78	66.7	0.6257
Race							0.5701
White	151	83.0	52	80.0	99	84.6	
Black	24	13.2	11	16.9	13	11.1	
Other	7	3.8	2	3.1	5	4.3	
Hispanic ethnicity	23	12.6	8	12.3	15	12.8	0.9205
Employment status							0.2244
Employed	95	52.2	35	53.8	60	51.3	
Unemployed	81	44.5	26	40.0	55	47.0	
Retired	6	3.3	4	6.2	2	1.7	
Medical insurance							0.5202
Private	98	56.3	33	52.4	65	58.6	
Public	12	6.9	6	9.5	6	5.4	
None	64	36.8	24	38.1	40	36.0	
Marital status							0.9033
Single	47	25.8	16	24.6	31	26.5	
Married or cohabiting	84	46.2	30	46.2	54	46.2	
Divorced or separated	45	24.7	16	24.6	29	24.8	
Widowed	6	3.3	3	4.6	3	2.6	
Recurrent depression	144	85.2	50	86.2	94	84.7	0.7913
Family history of depression	111	61.7	44	68.8	67	57.8	0.1465
Anxious features		21	35.6	34	31.2	0.5618	
Atypical features		8	13.6	26	23.6	0.1193	
Melancholic features		5	8.5	9	8.2	1.0000	
Prior suicide attempt	41	22.5	14	21.5	27	23.1	0.8118
Psychiatric Diagnostic Screening							0.9844
Questionnaire, number of comorbidities							
1	61	33.7	21	32.3	40	34.5	
2	50	27.6	19	29.2	31	26.7	
3	31	17.1	11	16.9	20	17.2	
≥4	39	21.5	14	21.5	25	21.6	
Psychiatric care	129	70.9	43	66.2	86	73.5	0.2956
Duration of index episode ≥2 years	45	24.7	19	29.2	26	22.2	0.2937
Age <18 at first episode	73	40.6	27	42.2	46	39.7	0.7405
	Mean	SD	Mean	SD	Mean	SD	
Age	40.0	12.8	40.6	11.5	39.7	13.5	0.5588
Education (years)	14.1	3.1	14.1	3.4	14.1	2.9	0.9929
Monthly household income (\$)	2,623	2,928	2,319	2,105	2,796	3,304	0.5208
Age at first episode (years)	23.3	13.3	24.4	13.8	22.6	13.0	0.4475
Duration of illness (years)	16.7	12.5	16.3	12.2	17.0	12.7	0.7501
Number of episodes	5.6	9.4	7.3	14.1	4.6	5.4	0.7398
Cumulative Illness Rating Scale							
Number of categories	2.9	2.3	3.2	2.6	2.8	2.2	0.4393
Total score	3.9	3.5	4.3	3.8	3.7	3.3	0.3968
Severity index	1.1	0.6	1.1	0.6	1.1	0.5	0.8937
Duration of index episode (months)	23.4	48.2	29.6	49.4	20.0	47.5	0.6166

Extended TABLE 1 (Continued)

Characteristic	Augmentation Option						p
	Total (N=182)		Cognitive Therapy (N=65)		Medication (N=117)		
	Mean	SD	Mean	SD	Mean	SD	
Quality of Life and Enjoyment Satisfaction Questionnaire score			41.8	13.5	47.7	14.9	0.0202
Short Form Health Survey (12-item)							
Mental symptoms			31.0	7.8	31.0	8.7	0.9967
Physical symptoms			45.3	13.7	49.7	11.0	0.0361
Work and Social Adjustment Scale score ^b			25.1	8.4	21.3	9.0	0.0155
Hamilton Rating Scale for Depression score			17.8	5.7	16.0	6.7	0.0962
Inventory of Depressive Symptomatology—Clinician Rating score			31.2	10.3	29.2	11.9	0.2754
Quick Inventory of Depressive Symptomatology—Clinician Rating (16-item)			12.5	4.0	12.5	4.2	0.9118
Quick Inventory of Depressive Symptomatology—Self Rating (16-item) Score			11.9	4.3	12.0	4.6	0.9495
Change in score during Level 1 (%)			-6.2	39.6	-5.3	33.8	0.8606
			N	%	N	%	
Met remission criteria during Level 1			2	3.1	5	4.3	1.0000
Maximum side effect frequency in Level 1							0.5544
No side effects			11	18.6	12	12.0	
10–25% of the time			18	30.5	27	27.0	
50–75% of the time			17	28.8	37	37.0	
90–100% of the time			13	22.0	24	24.0	
Maximum side effect intensity in Level 1							0.5876
No side effects			10	16.9	10	10.0	
Minimal to mild			15	25.4	26	26.0	
Moderate to marked			25	42.4	50	50.0	
Severe to intolerable			9	15.3	14	14.0	
Maximum side effect burden in Level 1							0.4979
No side effects			13	22.0	13	13.0	
Minimal to mild			24	40.7	45	45.0	
Moderate to marked			18	30.5	36	36.0	
Severe to intolerable			4	6.8	6	6.0	
Exited Level 1 because of intolerance			4	6.2	9	7.7	0.7737

^a Sums do not always equal N because of missing values. Percentages are based on available data.

^b A higher score denotes less impairment.

Extended TABLE 4. Baseline Characteristics of STAR*D Level 2 Participants Who Received Switch Treatments^a

Characteristic	Switch Option						p
	Total (N=122)		Cognitive Therapy (N=36)		Medication (N=86)		
	N	%	N	%	N	%	
Female	75	61.5	22	61.1	53	61.6	0.9573
Race							0.4267
White	91	74.6	28	77.8	63	73.3	
Black	21	17.2	4	11.1	17	19.8	
Other	10	8.2	4	11.1	6	7.0	
Hispanic ethnicity	8	6.6	3	8.3	5	5.8	0.6924
Employment status							0.3487
Employed	74	61.2	19	52.8	55	64.7	
Unemployed	36	29.8	12	33.3	24	28.2	
Retired	11	9.1	5	13.9	6	7.1	
Medical insurance							0.6939
Private	69	58.5	19	54.3	50	60.2	
Public	15	12.7	4	11.4	11	13.3	
None	34	28.8	12	34.3	22	26.5	
Marital status							0.8991
Single	33	27.0	9	25.0	24	27.9	
Married or cohabiting	49	40.2	16	44.4	33	38.4	
Divorced or separated	34	27.9	10	27.8	24	27.9	
Widowed	6	4.9	1	2.8	5	5.8	
Recurrent depression	80	72.7	24	75.0	56	71.8	0.7317
Family history of depression	69	58.0	18	50.0	51	61.4	0.2452
Anxious features			8	25.8	25	32.5	0.4966
Atypical features			6	19.4	14	18.4	0.9105
Melancholic features			5	16.1	12	15.6	1.0000
Prior suicide attempt	21	17.4	6	16.7	15	17.6	0.8964
Psychiatric Diagnostic Screening							0.6449
Questionnaire, number of comorbidities							
1	49	41.2	15	42.9	34	40.5	
2	34	28.6	12	34.3	22	26.2	
3	16	13.4	3	8.6	13	15.5	
≥4	20	16.8	5	14.3	15	17.9	
Psychiatric care	67	54.9	20	55.6	47	54.7	0.9270
Duration of index episode ≥2 years	26	21.5	7	19.4	19	22.4	0.7218
Age <18 at first episode	48	40.0	14	40.0	34	40.0	1.0000
	Mean	SD	Mean	SD	Mean	SD	
Age	42.0	13.7	43.4	14.7	41.5	13.3	0.4790
Education (years)	14.3	3.2	14.5	3.1	14.2	3.3	0.7130
Monthly household income (\$)	2,273	1976	1,526	1331	2,582	2120	0.0172
Age at first episode	24.5	14.9	25.2	16.5	24.3	14.3	0.9516
Duration of illness (years)	17.6	14.4	18.0	14.8	17.5	14.3	0.8352
Number of episodes	8.5	16.7	8.7	18.8	8.4	16.0	0.8016
Cumulative Illness Rating Scale							
Number of categories	3.1	2.1	2.8	1.8	3.2	2.2	0.4062
Total score	4.5	3.5	3.9	2.8	4.8	3.8	0.3974
Severity index	1.3	0.6	1.2	0.6	1.3	0.6	0.5351
Duration of index episode (months)	23.8	48.4	17.4	31.2	26.5	54.0	0.4698

Extended TABLE 4 (Continued)

Characteristic	Switch Option						p
	Total (N=122)		Cognitive Therapy (N=36)		Medication (N=86)		
	Mean	SD	Mean	SD	Mean	SD	
Quality of Life and Enjoyment Satisfaction Questionnaire score			43.3	14.7	45.5	13.4	0.4634
Short Form Health Survey (12-item)							
Mental symptoms			29.5	10.3	32.5	9.0	0.1524
Physical symptoms			47.1	10.4	45.3	12.0	0.4675
Work and Social Adjustment Scale score ^b			24.6	8.8	20.9	7.7	0.0308
Hamilton Rating Scale for Depression score			16.4	6.2	17.7	6.6	0.3492
Inventory of Depressive Symptomatology—Clinician Rating score			29.4	10.2	31.6	11.9	0.3683
Quick Inventory of Depressive Symptomatology—Clinician Rating (16-item) score			11.9	3.6	13.5	4.5	0.0761
Quick Inventory of Depressive Symptomatology—Self-Rating (16-item) Score			11.2	4.3	12.1	4.6	0.3282
Change during Level 1 (%)			7.4	54.7	7.3	41.6	0.5567
			N	%	N	%	
Met remission criteria during Level 1			5	13.9	7	8.1	0.3344
Maximum side effect frequency in Level 1							0.0676
No side effects			4	15.4	1	1.6	
10–25% of the time			1	3.8	8	12.7	
50–75% of the time			9	34.6	21	33.3	
90–100% of the time			12	46.2	33	52.4	
Maximum side effect intensity in Level 1							0.0466
No side effects			4	15.4	1	1.6	
Minimal to mild			1	3.8	6	9.5	
Moderate to marked			8	30.8	29	46.0	
Severe to intolerable			13	50.0	27	42.9	
Maximum side effect burden in Level 1							0.0603
No side effects			4	15.4	1	1.6	
Minimal to mild			3	11.5	14	22.2	
Moderate to marked			11	42.3	32	50.8	
Severe to intolerable			8	30.8	16	25.4	
Exited Level 1 because of intolerance			20	55.6	52	60.5	0.6150

^a Sums do not always equal N because of missing values. Percentages are based on available data.

^b A higher score denotes less impairment.