

TABLE S1. ACB Score of Medications and Frequency

Medication	ACB Score	n	Medication	ACB Score	n
2nd-Generation Antipsychotics			Anticholinergics		
Aripiprazole	1	178	Benzotropine	3	152
Asenapine	1	4	Diphenhydramine	3	41
Clozapine	3	125	Hydroxyzine	3	30
Iloperidone	1	5	Trihexyphenidyl	3	22
Lurasidone [#]	1	14	Mood Stabilizers		
Olanzapine	3	166	Carbamazepine	2	13
Paliperidone	1	15	Gabapentin	0	25
Paliperidone LAI	1	15	Lamotrigine	0	21
Quetiapine	3	173	Lithium	0	35
Risperidone	1	267	Oxcarbazepine [#]	2	10
Risperidone LAI	1	14	Topiramate	0	15
Ziprasidone [#]	1	91	Valproic Acid [#]	1	122
1st-Generation Antipsychotics			Benzodiazepines		
Chlorpromazine	3	13	Alprazolam [#]	1	5
Fluphenazine [#]	3	35	Clonazepam [#]	1	59
Fluphenazine LAI	3	14	Clorazepate [#]	1	1
Haloperidol	1	68	Diazepam	1	11
Haloperidol LAI	1	14	Flurazepam [#]	1	2
Loxapine	2	10	Lorazepam [#]	1	47
Perphenazine	3	22	Oxazepam [#]	1	1
Prochlorperazine [#]	2	2	Temazepam [#]	1	10
Thioridazine	3	3	Other Anxiolytics/Sedatives		
Thiothixene [#]	2	4	Zolpidem [#]	1	45
Trifluoperazine	3	8	Buspirone	0	27
Antidepressants			Others		
Amitriptyline	3	4	Melatonin	0	1
Bupropion	1	50	Propranolol	0	3
Citalopram [#]	1	47	St. John's Wort	0	1
Clomipramine	3	6			
Doxepin	3	6			
Duloxetine [#]	1	18			
Escitalopram [#]	1	33			
Fluoxetine [#]	1	58			
Fluvoxamine	1	7			
Mirtazapine [#]	1	21			
Nefazodone [#]	1	1			
Nortriptyline	3	2			
Paroxetine	3	25			
Sertraline [#]	1	72			
Trazodone	1	100			
Venlafaxine	1	25			

Abbreviations: LAI, Long acting injection/depot formulation

[#] denotes values derived by consensus from other scales, or based on class/structural similarities to medications with published ACB values

TABLE S2. Effects of ACB on non-PCNB assessments of cognition

Assessment	ACB = 0			ACB = 1 or 2			ACB = 3 or 4			ACB = 5 or 6			ACB > 6			F	p
	n	Mean	SD	n	Mean	SD	n	Mean	SD	n	Mean	SD	n	Mean	SD		
CVLT List A																	
Trial 1	71	5.4	1.9	296	4.9	1.8	340	4.6	1.9	177	4.4	1.7	192	3.9	1.8	12.6	<0.001
Trial 2	71	7.8	2.9	296	6.9	2.5	340	6.6	2.4	177	6.5	2.3	192	5.8	2.3	10.6	<0.001
Trial 3	71	9.1	3.2	296	8.0	2.7	340	7.8	2.7	177	7.6	2.7	192	6.9	2.6	10.0	<0.001
Trial 4	71	9.6	3.4	296	8.9	2.9	340	8.5	3.0	177	8.5	2.8	192	7.9	2.9	5.3	<0.001
Trial 5	71	10.6	3.1	296	9.4	3.0	340	9.2	2.9	177	9.2	3.1	192	8.2	2.9	10.1	<0.001
Total	71	42.5	12.8	296	38.1	11.3	340	36.7	11.5	177	36.2	11.2	192	32.7	10.9	11.6	<0.001
CVLT List B	71	4.8	2.1	296	3.9	1.8	340	3.8	1.7	177	3.6	1.7	192	3.2	1.6	12.2	<0.001
CVLT Short Delay																	
Free Recall	71	9.0	3.4	296	7.5	3.3	340	7.1	3.4	177	7.2	3.1	192	6.4	3.2	9.1	<0.001
Cued Recall	71	10.2	3.0	296	8.6	3.1	340	8.5	3.2	177	8.3	3.0	192	7.7	3.2	8.7	<0.001
CVLT Long Delay																	
Free Recall	71	9.2	3.8	296	7.9	3.4	340	7.4	3.5	177	7.2	3.4	192	6.6	3.4	9.2	<0.001
Cued Recall	71	10.2	3.4	296	8.6	3.4	340	8.3	3.3	177	8.2	3.2	192	7.4	3.3	10.3	<0.001
CPT																	
Identical pairs, 3 digits	71	2.5	1.0	285	2.2	1.0	315	2.1	1.1	159	2.1	1.0	158	1.8	0.8	6.4	<0.001
Identical pairs, 4 digits	71	1.3	0.8	278	1.3	0.8	304	1.2	0.8	157	1.1	0.7	153	0.9	0.6	6.3	<0.001
Degraded Stimulus	67	2.0	1.2	276	1.6	1.0	298	1.7	1.1	158	1.7	1.0	169	1.6	1.0	2.1	0.08
Letter-Number Sequence																	
Forward	73	12.2	2.6	305	11.3	2.7	340	11.4	2.9	177	11.3	2.9	197	10.6	2.4	4.9	<0.001
Reorder	73	9.2	2.6	304	8.2	2.7	340	8.1	2.7	177	8.1	2.7	195	7.1	2.5	10	<0.001

Abbreviations: CVLT, California Verbal Learning Test; CPT, Continuous Performance Test

TABLE S3. Effects of Demographic and Clinical Factors on ACB x PCNB Domain Interaction

PCNB Domain	No Covariates		CPZE		No. of Antipsychotics		SAPS		SANS		Duration of Illness		Age		No. of Hospitalizations		Cigarettes/day	
	B	p	B	p	B	p	B	p	B	p	B	p	B	p	B	p	B	p
Abstraction	-0.07	<0.001	-0.06	<0.001	-0.06	<0.001	-0.07	<0.001	-0.07	<0.001	-0.05	<0.001	-0.06	<0.001	-0.07	<0.001	-0.06	<0.001
Attention	-0.07	<0.001	-0.07	<0.001	-0.05	<0.001	-0.07	<0.001	-0.06	<0.001	-0.06	<0.001	-0.06	<0.001	-0.07	<0.001	-0.06	<0.001
Working Memory	-0.06	<0.001	-0.05	<0.001	-0.04	<0.001	-0.06	<0.001	-0.05	<0.001	-0.05	<0.001	-0.05	<0.001	-0.06	<0.001	-0.05	<0.001
Verbal Memory	-0.07	<0.001	-0.06	<0.001	-0.06	<0.001	-0.06	<0.001	-0.06	<0.001	-0.05	<0.001	-0.06	<0.001	-0.07	<0.001	-0.06	<0.001
Face Memory	-0.06	<0.001	-0.06	<0.001	-0.06	<0.001	-0.06	<0.001	-0.05	<0.001	-0.04	<0.001	-0.05	<0.001	-0.06	<0.001	-0.05	<0.001
Spatial Memory	-0.06	<0.001	-0.05	<0.001	-0.06	<0.001	-0.06	<0.001	-0.05	<0.001	-0.05	<0.001	-0.05	<0.001	-0.06	<0.001	-0.05	<0.001
Spatial Ability	-0.05	<0.001	-0.06	<0.001	-0.06	<0.001	-0.05	<0.001	-0.05	<0.001	-0.04	<0.001	-0.05	<0.001	-0.05	<0.001	-0.05	<0.001
Emotion Processing	-0.08	<0.001	-0.07	<0.001	-0.06	<0.001	-0.08	<0.001	-0.08	<0.001	-0.06	<0.001	-0.08	<0.001	-0.08	<0.001	-0.07	<0.001
Global Composite	-0.09	<0.001	-0.08	<0.001	-0.07	<0.001	-0.08	<0.001	-0.08	<0.001	-0.07	<0.001	-0.08	<0.001	-0.09	<0.001	-0.08	<0.001

Abbreviations: CPZE, chlorpromazine equivalent; SAPS, Scale for the Assessment of Positive Symptoms; SANS, Scale for the Assessment of Negative Symptoms