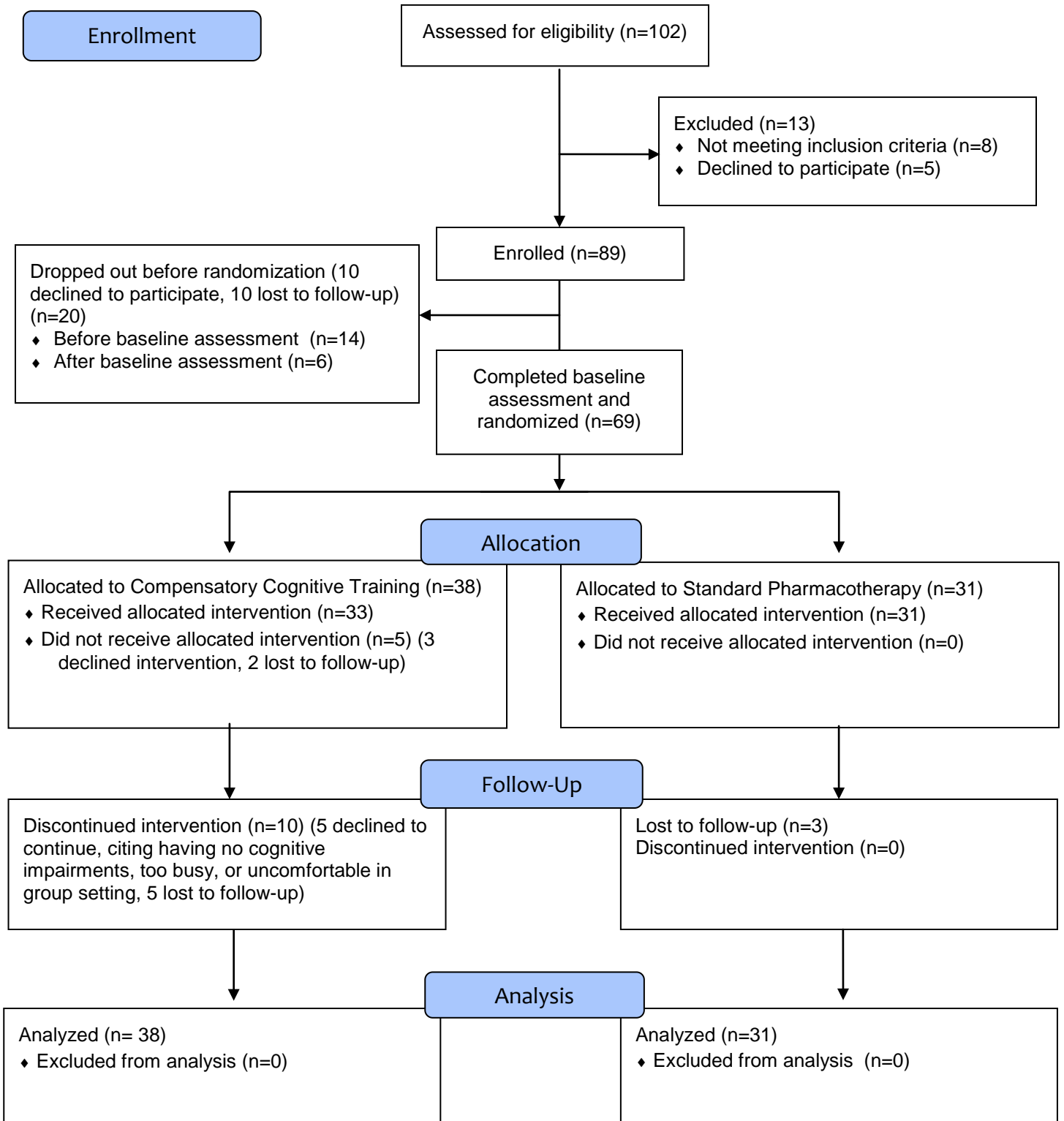


Supplemental Figure. CONSORT Diagram



Supplementary Table. Hierarchical Linear Models

	Verbal Learning (HVLt-R recall total)					Executive Functioning (WCST total)					Processing Speed (Digit Symbol total)				
	EE	SE	t	df	p-value	EE	SE	t	df	p-value	EE	SE	t	df	p-value
Intercept	22.97	1.07	21.42	103.82	<0.001	40.91	2.03	20.14	89.53	<0.001	53.43	2.53	21.16	78.15	<0.001
Visit															
Post-treatment	1.28	1.11	1.15	95.09	0.251	-1.89	1.89	-1.00	89.55	0.319	-1.40	1.62	-0.86	89.54	0.391
3 Month Follow-up	0.83	1.08	0.77	94.32	0.441	1.06	1.82	0.58	89.12	0.563	-2.48	1.57	-1.58	89.33	0.118
Group (CCT)	-0.04	0.08	-0.54	103.82	0.590	0.02	0.15	0.16	89.53	0.876	-0.29	0.18	-1.62	78.15	0.109
Age	1.57	1.46	1.08	103.82	0.284	1.96	2.77	0.71	89.53	0.481	-2.00	3.45	-0.58	78.15	0.564
Age*Visit															
Post Treatment	0.00	0.09	-0.03	100.13	0.978	0.20	0.14	1.37	91.02	0.176	0.03	0.13	0.24	91.52	0.810
3 Month Follow-up	0.05	0.08	0.63	99.23	0.530	-0.11	0.14	-0.78	90.46	0.438	0.10	0.12	0.79	91.39	0.431
Group*Visit															
Post-treatment	-0.22	1.63	-0.14	99.16	0.892	3.87	2.71	1.42	91.75	0.158	-0.63	2.39	-0.26	91.20	0.792
3 Month Follow-up	1.44	1.57	0.91	98.61	0.363	3.04	2.62	1.16	91.48	0.249	1.21	2.31	0.52	91.10	0.602

	Working Memory (LNS total)					Verbal Fluency (COWAT total)				
	EE	SE	t	df	p-value	EE	SE	t	df	p-value
Intercept	8.31	0.49	16.89	82.70	<0.001	41.86	2.00	20.89	79.12	<0.001
Visit										
Post-treatment	-0.02	0.37	-0.06	90.21	0.951	0.63	1.42	0.44	89.19	0.657
3 Month Follow-up	0.00	0.36	0.00	89.90	0.998	-0.65	1.38	-0.47	88.92	0.636
Group (CCT)	0.03	0.03	0.93	82.70	0.353	-0.09	0.14	-0.60	79.12	0.549
Age	0.08	0.67	0.11	82.70	0.910	-0.72	2.74	-0.26	79.12	0.793
Age*Visit										
Post Treatment	-0.01	0.03	-0.43	92.93	0.667	-0.13	0.11	-1.13	91.56	0.262
3 Month Follow-up	-0.04	0.03	-1.48	92.69	0.143	0.09	0.11	0.84	91.36	0.404
Group*Visit										
Post-treatment	-0.19	0.54	-0.35	92.46	0.726	0.07	2.10	0.03	91.13	0.974
3 Month Follow-up	-0.04	0.53	-0.07	92.30	0.946	1.06	2.03	0.52	90.99	0.601

	Positive Symptom Severity (PANSS)					Depressive Symptoms (HAM-D)					Social Skills Performance (SSPA)				
	EE	SE	t	df	p-value	EE	SE	t	df	p-value	EE	SE	t	df	p-value
Intercept	17.28	1.12	15.43	95.55	<0.001	11.50	1.29	8.90	87.54	<0.001	31.04	1.18	26.35	101.44	<0.001
Visit															
Post-treatment	-0.87	1.07	-0.81	91.62	0.418	-0.99	1.14	-0.86	84.67	0.390	-0.52	1.19	-0.44	95.00	0.664
3 Month Follow-up	0.19	1.04	0.18	91.00	0.854	1.42	1.12	1.27	84.33	0.209	-0.90	1.14	-0.78	94.05	0.435

Group (CCT)	-0.05	0.08	-0.62	95.55	0.535	-0.03	0.09	-0.31	85.53	0.755	0.04	0.08	0.43	101.44	0.667
Age	-1.12	1.53	-0.73	95.55	0.465	0.45	1.74	0.26	86.64	0.799	0.28	1.61	0.18	101.44	0.860
Age*Visit															
Post Treatment	0.04	0.08	0.50	95.91	0.616	-0.01	0.09	-0.10	87.92	0.920	-0.03	0.09	-0.38	99.35	0.705
3 Month Follow-up	-0.04	0.08	-0.56	95.38	0.580	-0.16	0.08	-1.86	87.54	0.067	-0.02	0.09	-0.24	98.59	0.813
Group*Visit															
Post-treatment	-0.27	1.57	-0.17	95.13	0.862	-0.48	1.66	-0.29	87.45	0.775	0.50	1.73	0.29	98.56	0.774
3 Month Follow-up	-1.55	1.54	-1.01	94.90	0.316	-1.71	1.65	-1.03	87.39	0.305	0.87	1.67	0.52	98.01	0.604

	CPSA Cognitive Problems					CPSA Cognitive Strategies				
	EE	SE	t	df	p-value	EE	SE	t	df	p-value
Intercept	0.93	0.09	10.79	83.20	<0.001	1.44	0.09	16.39	102.56	<0.001
Visit										
Post-treatment	-0.05	0.07	-0.70	85.99	0.487	-0.02	0.09	-0.19	92.99	0.849
3 Month Follow-up	-0.10	0.07	-1.48	86.27	0.143	-0.01	0.09	-0.12	93.21	0.905
Group (CCT)	0.01	0.01	1.13	81.97	0.261	0.00	0.01	-0.56	100.97	0.579
Age	0.22	0.12	1.89	82.43	0.063	-0.14	0.12	-1.14	101.57	0.257
Age*Visit										
Post Treatment	0.00	0.01	0.60	88.85	0.547	0.01	0.01	1.39	97.59	0.168
3 Month Follow-up	0.00	0.00	0.86	88.68	0.390	0.00	0.01	0.41	96.99	0.684
Group*Visit										
Post-treatment	-0.24	0.10	-2.37	88.46	0.020	0.47	0.13	3.65	96.91	0.000
3 Month Follow-up	-0.11	0.10	-1.12	88.54	0.268	0.40	0.12	3.23	96.79	0.002

Note. Significant findings are indicated in bold font. CCT = Compensatory Cognitive Training; COWAT = Controlled Oral Word Association Test; CPSA = Cognitive Problems and Strategies Assessment; EE = Effect Estimate; HAM-D = Hamilton Depression Rating Scale; HVLN-R = Hopkins Verbal Learning Test-Revised; LNS = Letter-Number Sequencing; PANSS = Positive and Negative Syndrome Scale; SE = Standard Error; SSPA = Social Skills Performance Assessment; WCST = Wisconsin Card Sorting Test