

Table S1. Baseline Neurocognitive Performance and Comparison Across Diagnostic Groups^a, adjusted for

	Statistics						
	HSC (n=89)	CHR (n=205)	EFEP (n=28)	F	df	P	Post-Hoc Contrasts^b
Processing Speed	-0.88 (1.59)	-0.89 (1.55)	-1.44 (1.73)	6.28	3, 375	0.006	CNTL> EFEP
Working Memory	-0.45 (1.62)	-0.59 (1.82)	-1.15 (2.12)	3.09	3, 391	0.08	-
Attention/Vigilance	-1.01 (1.80)	-1.08 (1.63)	-1.12 (1.00)	3.22	3, 391	0.19	-
Verbal Learning	-0.06 (1.47)	-0.12 (1.89)	-1.17 (2.16)	4.60	3, 391	0.008	EFEP< CNTL, HSC, CHR
Visual Learning	0.13 (1.48)	0.33 (1.37)	0.08 (1.68)	2.46	3, 391	0.06	-
Reasoning and Problem Solving	-0.32 (1.98)	-0.52 (1.92)	-0.38 (1.04)	0.75	3, 391	0.71	-
Overall Neurocomposite Score	-0.44 (1.71)	-0.48 (1.16)	-0.87 (1.23)	3.96	3, 391	0.04	CNTL >EFEP

Note: HSC=Help Seeking Controls, CHR=Clinical High Risk group, CHR-T=CHR Converters, CHR-NT=CHR Non-Converters, EFEP=Early First Episode Patients

^aRelative to the healthy comparison (CNTL) group (mean set to 0, SD set to 1).

^bBonferroni-corrected post hoc contrast (.05/5= $P < 0.01$).

Table S2. Baseline Neurocognitive Performance Across Diagnostic Groups^a, including CHRs who Transition (CHR-T) versus Not Transition (CHR-NT) to Psychosis, adjusted for

	HSC (n=89)	CHR-NT (n=163)	CHR-T (n=12)	EFEP (n=28)	Statistics			
					F	df	P value	Post-Hoc Contrasts^a
Processing Speed	-0.88 (1.59)	-0.80 (1.48)	-1.40 (2.22)	-1.45 (7.73)	5.31	4, 344	.005	CNTL> CHR-T, EFEP, HSC; EFEP<CHR-NT
Working Memory	-0.45 (1.62)	-0.45 (1.83)	-1.45 (2.47)	-1.15 (2.12)	3.71	4, 356	0.01	-
Attention/Vigilance	-1.01 (1.80)	-0.99 (1.58)	-1.23 (1.59)	-1.12 (1.00)	3.27	4, 356	0.09	-
Verbal Learning	-0.06 (1.47)	0.02 (1.84)	-1.63 (2.73)	-1.17 (2.16)	6.46	4, 356	<.001	CNTL>CHR-T,EFEP; CHR-T<CHR-NT, HSC; HSC>EFEP
Visual Learning	0.13 (1.48)	0.37 (1.41)	0.01 (1.35)	-0.08 (1.68)	2.27	4, 356	0.06	-
Reasoning and Problem Solving	-0.32 (1.98)	-0.49 (1.98)	-0.45 (1.65)	-0.38 (1.04)	0.46	4, 356	0.90	-
Overall Neurocomposite Score	-0.44 (1.71)	-0.39 (1.14)	-1.02 (1.64)	-0.87 (1.23)	4.782	4, 356	0.003	CNTL>CHR-T, FE

Note: HSC=Help Seeking Controls, CHR=Clinical High Risk group, CHR-T=CHR Converters, CHR-NT=CHR Non-Converters, EFEP=Early First Episode Patients

^aRelative to the healthy comparison (CNTL) group (mean set to 0, SD set to 1).

^bBonferroni-corrected post hoc contrast (.05/6= P <0.008).

Table S3. Effect sizes (Cohen’s d) Reflecting Diagnostic Group Differences in Cognitive Domains

	CNTL vs.					HSC vs.				CHR-NT vs.		CHR-T vs.
	HSC	CHR	CHR-NT	CHR-T	EFEP	CHR	CHR-NT	CHR-T	EFEP	CHR-T	EFEP	EFEP
Processing Speed	0.63	0.63	0.58	1.10	1.09	0.00	0.05	0.32	0.34	0.39	0.41	0.02
Working Memory	0.32	0.35	0.27	1.08	0.67	0.08	0.00	0.56	0.30	0.53	0.29	0.20
Attention/Vigilance	0.66	0.69	0.68	1.12	1.15	0.03	0.02	0.12	0.08	0.16	0.11	0.07
Verbal Learning	0.05	0.07	0.01	1.12	0.72	0.03	0.05	0.92	0.62	0.86	0.60	0.20
Visual Learning	0.10	0.25	0.28	0.01	0.06	0.14	0.16	0.08	0.13	0.25	0.30	0.05
Reasoning and Problem Solving	0.19	0.28	0.27	0.28	0.34	0.09	0.07	0.01	0.01	0.09	0.07	0.03
Overall Neurocomposite Score	0.43	0.44	0.37	1.21	0.95	0.04	0.04	0.49	0.34	0.56	0.39	0.15

Note: HSC=Help Seeking Controls, CHR=Clinical High Risk group, CHR-T=CHR Converters, CHR-NT=CHR Non-Converters, EFEP=Early First Episode Patients

Table S4. Univariable Cox Proportional Hazard Models Predicting Transition to Psychosis (CHR-T vs. CHR-NT)

Predictor Variable	B	SE	Wald	HR (95% CI)	P Value
Processing Speed	-.253	.192	1.736	0.777 (0.534-1.131)	0.188
Working Memory	-.221	.110	4.042	0.802 (0.646-0.994)	0.044
Attention/Vigilance	-.102	.180	.319	0.903 (0.635-1.285)	0.572
Verbal Learning	-.292	.099	8.601	0.747 (0.615-0.908)	0.003
Visual Learning	-.141	.178	.627	0.868 (0.612-1.232)	0.429
Reasoning and Problem Solving	.029	.193	.022	1.029 (0.705-1.502)	0.882