APPENDIX 14D: CLINICAL EVIDENCE FOREST PLOTS:

COGNITION, EMPLOYMENT AND EDUCATION

	Cognitive remediation therapy (CRT) versus psychoeducation: 26 weeks	2
pos	st-treatment	2
2.	CRT versus psychoeducation: 52 weeks' follow-up	3
	Cognitive enhancement therapy (CRT plus and group-based social cognitive enhancement therapy) versus psychoeducation: 104 weeks post-treatment	
4.	CRT versus treatment as usual (TAU): 14 weeks post-treatment	5
5.	CRT versus treatment as usual (TAU): 26 weeks' follow-up	6
6.	CRT versus computer games (CG): 8 weeks post-treatment	6
7.	CRT versus computer games (CG): 26 weeks' follow-up	7
	Individual placement and support (IPS) versus EPPIC treatment as usual AU): 26 weeks post-treatment	8

Abbreviations

BPRS Brief Psychiatric Rating Scale

CG computer games

CGI-S Clinical Global Impression scale - Severity

CI confidence interval CRT cognitive remediation

EPPIC Early Psychosis Prevention and Intervention Centre, Australia

GAS Global Assessment Scale

IPS individual placement and supportPANSS Positive and Negative Syndrome Scale

SD standard deviation TAU treatment as usual

1. Cognitive remediation therapy (CRT) versus psychoeducation: 26 weeks post-treatment

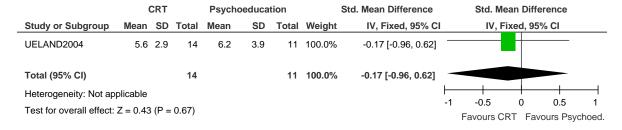
1.1 Mental state: total symptoms (BPRS)



1.2 Mental state: positive symptoms (Brief Psychiatric Rating Scale [BPRS] Positive)



1.3 Mental state: negative symptoms (BPRS Negative)



1.4 Functioning: psychosocial (Global Assessment Scale [GAS])

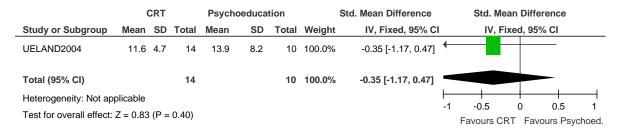


2. CRT versus psychoeducation: 52 weeks' follow-up

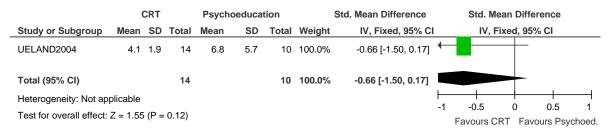
2.1 Mental state: total symptoms (BPRS)



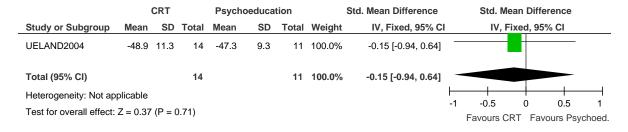
2.2 Mental state: positive symptoms (BPRS-positive)



2.3 Mental state: negative symptoms (BPRS-negative)

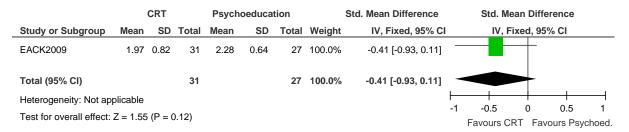


2.4 Functioning: psychosocial (GAS)

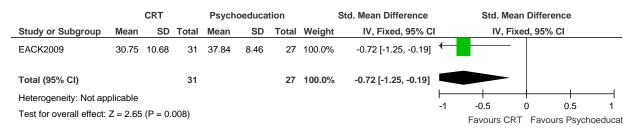


3. Cognitive enhancement therapy (CRT plus and group-based social cognition therapy) versus psychoeducation: 104 weeks post-treatment

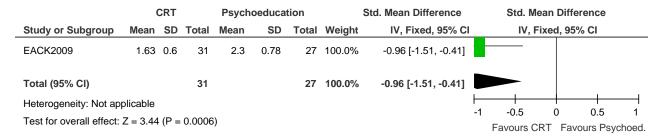
3.1 Mental state: anxiety/depression symptoms (BPRS)



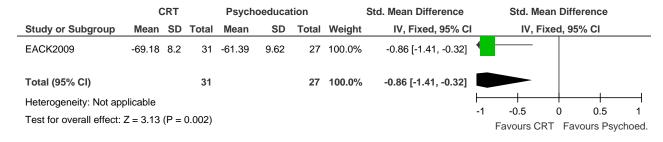
3.2 Mental state: total symptoms (composite score)



3.3 Mental state: negative symptoms (BPRS Withdrawal-Retardation)



3.4 Functioning: psychosocial (GAS)



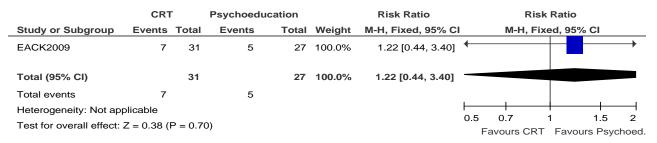
3.5 Cognition: social cognition (composite score)

	CRT			Psych	oeduca	tion	Std. Mean Difference			Std. Mean Difference			
Study or Subgroup	Mean	SD	Total	Mean	SD	Total	Weight	IV, Fixed, 95% CI		IV, Fix€	ed, 95% C		
EACK2009	17.87	13.5	31	33.28	11.66	27	100.0%	-1.20 [-1.76, -0.64]	+	-			
Total (95% CI)			31			27	100.0%	-1.20 [-1.76, -0.64]		-			
Heterogeneity: Not applicable			\dashv										
											1		

3.6 Number of participants in competitive employment (assuming dropouts did not gain employment; Major Role Adjustment Inventory)

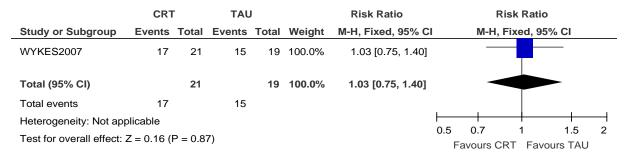
	CRI	Г	Psychoedu	cation		Risk Ratio		Risk Ratio				
Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Fixed, 95%	CI	M-H, F	ixed, 95%	6 CI		
EACK2009	13	31	4	27	100.0%	2.83 [1.05, 7.65	5]				\longrightarrow	
Total (95% CI)		31		27	100.0%	2.83 [1.05, 7.65	1					
Total events	13		4									
Heterogeneity: Not ap	plicable						<u> </u>		1	+		
Test for overall effect:	Z = 2.05 (P = 0.0	4)				0.2 Favours	0.5 Psychoe	1 d. Favou	2 ırs CR	5 ₹T	

3.7 Leaving the study early for any reason



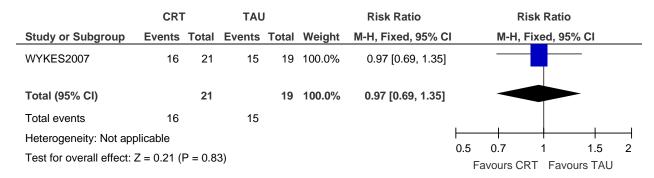
4. CRT versus treatment as usual (TAU): 14 weeks post-treatment

4.1 Leaving the study early for any reason



5. CRT versus treatment as usual (TAU): 26 weeks' follow-up

5.1 Leaving the study early for any reason



6. CRT versus computer games (CG): 8 weeks post-treatment

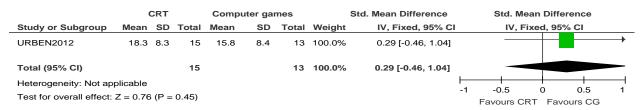
6.1 Mental state: total symptoms (Positive and Negative Syndrome Scale [PANSS] Total)

	CRT			Comp	uter gai	mes		Std. Mean Difference	Std. Mean Difference					
Study or Subgroup	Mean	SD	Total	Mean	SD	Total	Weight	IV, Fixed, 95% CI	IV, Fix	ed, 95% CI				
URBEN2012	66.3	17.9	15	60.8	23.6	13	100.0%	0.26 [-0.49, 1.00]						
Total (95% CI)			15			13	100.0%	0.26 [-0.49, 1.00]						
Heterogeneity: Not ap	•		. =0\					⊦ -	-1 -0.5	0 0.5	1			
Test for overall effect:	Z = 0.68	3 (P = 0).50)						Favours CR	Γ Favours CG				

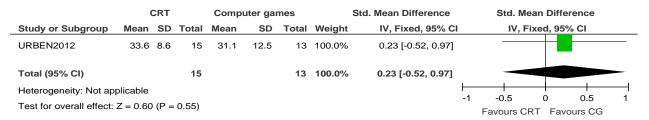
6.2 Mental state: positive symptoms (PANSS Positive)

	CRT			Compu	ıter gaı	mes	Std. Mean Difference			Std. Mean Difference				
Study or Subgroup	Mean	SD	Total	Mean	SD	Total	Weight	IV, Fixed, 95% CI		IV, F	ixed, 95	5% CI		
URBEN2012	14.3	5.2	15	12.4	5.2	13	100.0%	0.35 [-0.39, 1.10]		_			→	
Total (95% CI)			15			13	100.0%	0.35 [-0.39, 1.10]		-				
Heterogeneity: Not ap	plicable								<u> </u>	-0.5		0.5	-	
Test for overall effect:	Z = 0.93	(P =	0.35)						-1	Favours C	0 RT Fa	0.5 vours CG	ı	

6.3 Mental state: negative symptoms (PANSS Negative)



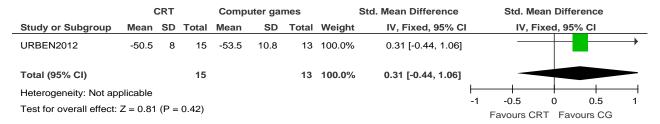
6.4 Mental state: general symptoms (PANSS General)



6.5 Global state (Clinical Global Impression scale - Severity [CGI-S])

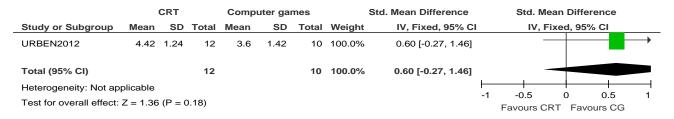
	CRT			Comp	uter gar	nes		Std. Mean Difference	Std. Mean Difference		
Study or Subgroup	Mean	SD	Total	Mean	SD	Total	Weight	IV, Fixed, 95% CI	IV, Fixed, 95% CI		
URBEN2012	4.7	0.7	15	4.5	1.1	13	100.0%	0.21 [-0.53, 0.96]			
Total (95% CI)			15			13	100.0%	0.21 [-0.53, 0.96]			
Heterogeneity: Not applicable											
-1 -0.5 0 0.5 Test for overall effect: Z = 0.56 (P = 0.57) Favours CRT Favours CG											

6.6 Social functioning (Social and Occupational Functioning Assessment Scale [SOFAS])



7. CRT versus computer games (CG): 26 weeks' follow-up

7.1 Global state (CGI-S)

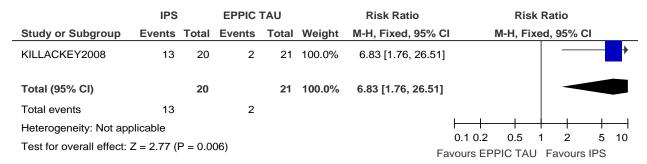


7.2 Leaving the study early for any reason

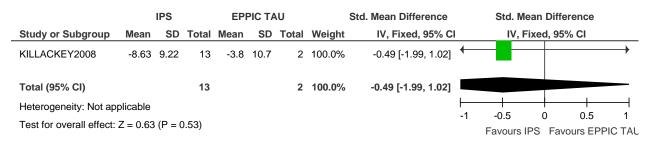


8. Individual placement and support (IPS) versus EPPIC treatment as usual (TAU): 26 weeks post-treatment

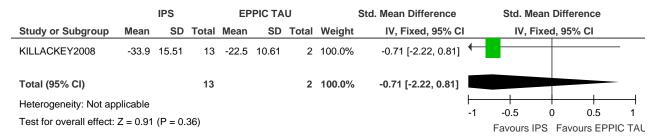
8.1 Number of participants in employment/enrolled on a course (assuming dropouts did not gain employment)



8.2 Number of weeks worked



8.3 Number of hours worked per week



8.4 Leaving the study early for any reason

