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Table 2: A. Results of logistic regression of out-of-home placement and Cox proportional hazards model of time to first offence. B. Results of moderator analyses, where additional variables were included as interaction parameters in the primary analysis models

A. Analyses

Outcome	Effect of MST	95% CI	p value
Out-of-home placement (OR)	1.25	(0.77 to 2.05)	0.37
Time to first offence (HR)	1.06	(0.84 to 1.33)	0.64

B. Moderator analysis

Variable	ble Out-of-home placement			Time to first offence			
	Interaction	95% CI for	p value	Interaction	95% CI for	p value	
	OR	OR		HR	HR		
Sex	1.01	(0.38 to 2.74)	0.98	0.94	(0·87 to 1·03)	0.19	
Age	0.91	(0.63 to 1.33)	0.64	1.25	(0.97 to 1.62)	0.084	
Early-onset CD	4.95	(1.74 to 14.0)	0.0026	1.19	(0·75 to 1·89)	0.47	
Baseline ICUT score [†]	0.95	(0.90 to 1.00)	0.048	1.01	(0.99 to 1.03)	0.49	
Baseline peer delinquency score [†]	0.91	(0.81 to 1.01)	0.085	0.92	(0.88 to 0.97)	0.00071	
Baseline ABAS score [†]	1.00	(0.98 to 1.03)	0.69	1.00	(0.99 to 1.01)	0.93	
No prior offence at baseline	0.53	(0.25 to 1.11)	0.39	NA*	NA*	NA*	
CD + ADHD at baseline [†]	0.53	(0.18 to 1.58)	0.25	1.31	(0.79 to 2.17)	0.29	
CD + depression at baseline [†]	1.29	(0.25 to 6.55)	0.76	0.94	(0.43 to 2.03)	0.87	
Referral path [‡]	0.22	(0.02 to 2.48)	0.22	0.73	(0.39 to 1.35)	0.31	

ABAS=Antisocial Beliefs and Attitudes Scale. ADHD=attention deficit hyperactivity disorder. CD=conduct disorder. HR=hazard ratio. ICUT=Inventory of Callous and Unemotional Traits. MST=Multisystemic Therapy. OR=odds ratio. *Non-offender at baseline parameter was not identifiable in the analysis of time to first offence as no individuals who were non-offenders at baseline went on to offend during the trial. All analyses are also adjusted for fixed centre effects. Each interaction is between a baseline measurement and treatment arm, and in each case regressions included all variables used in the main analysis but with an additional interaction term (and the main effect if the variable was not originally adjusted for). †Non-prespecified but recommended by the trial's Data Monitoring Committee. ‡Most significant result out of six referral path tests.