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Table 4: Secondary outcomes: A. Parent report and young people’s self-report of antisocial behaviour and callous–unemotional traits.

B. Young people’s self-report of delinquent behaviour, antisocial beliefs and attitudes, and materialism.

A.

	Group and between-group significance (t-test)	SDQ conduct problems (YP) Mean (SD) [n]	SDQ conduct problems (P) Mean (SD) [n]	ICUT (YP) Mean (SD) [n]	ICUT (P) Mean (SD) [n]
6 months–baseline	MST	5.0 (2.1) [n=340]	6.59 (2.41) [n=340]	33.5 (9.7) [n=341]	42.91 (11.58) [n=341]
	MAU	4.9 (2.3) [n=340]	6.62 (2.45) [n=340]	32.7 (9.6) [n=339]	41.96 (11.74) [n=339]
6-month follow-up	MST	4.2 (2.1) [n=290]	4.8 (2.5) [n=290]	30.4 (9.9) [n=292]	36.1 (11.1) [n=292]
	MAU	4.4 (2.1) [n=264]	5.5 (2.5) [n=268]	30.8 (9.4) [n=268]	39.5 (12.3) [n=268]
	Effect	−0.26 (−0.57 to 0.05)	−0.62 (−0.99 to −0.25)	−0.92 (−2.31 to 0.47)	−4.61 (−6.37 to −2.85)
	p value	0.11	<0.0001	0.20	<0.0001
12-month follow-up	MST	3.8 (2.2) [n=252]	4.6 (2.6) [n=246]	29.0 (9.5) [n=248]	36.3 (12.6) [n=248]
	MAU	4.0 (2.2) [n=237]	4.8 (2.7) [n=237]	29.3 (9.9) [n=238]	36.1 (12.0) [n=238]
	Difference (95% CI)	−0.22 (−0.55 to 0.11)	−0.25 (−0.66 to 0.16)	−0.59 (−2.10 to 0.92)	−0.55 (−2.43 to 1.33)
	p value	0.20	0.22	0.44	0.57
18-month follow-up	MST	3.5 (2.0) [n=221]	4.4 (2.5) [n=232]	29.1 (9.8) [n=234]	35.0 (12.5) [n=234]
	MAU	3.4 (1.9) [n=193]	4.6 (2.5) [n=209]	30.9 (9.4) [n=217]	34.9 (11.9) [n=217]
	Difference (95% CI)	−0.07 (−0.42 to 0.28)	−0.16 (−0.57 to 0.25)	−1.92 (−3.39 to −0.45)	−0.69 (−2.61 to 1.23)
	p value	0.69	0.46	0.011	0.48

Data were obtained using the Strengths and Difficulties Questionnaire (SDQ) and Inventory of Callous and Unemotional Traits (ICUT) MAU=management as usual. MST=Multisystemic Therapy. P=completed by parent. YP=completed by young person.

B.

	Group (n) and between-group significance (t-test)	SRDM Variety of delinquent acts Mean (SD) [n]	SRDM Volume of delinquent acts Mean (SD) [n]	SRDM Variety of substance misuse Mean (SD) [n]	SRDM Volume of substance misuse Mean (SD) [n]	SRDM Peer delinquency Mean (SD) [n]	ABAS Mean (SD) [n]	Youth Materialism Scale Mean (SD) [n]
6 months–baseline	MST	4.8 (3.6) [n=337]	19.7 (18.3) [n=337]	0.8 (1.7) [n=337]	1.6 (3.7) [n=337]	5.0 (4.7) [n=337]	60.8 (23.1) [n=341]	38.8 (8.4) [n=342]
	MAU	3.1 (3.7) [n=335]	20.9 (19.0) [n=335]	0.7 (1.3) [n=335]	1.5 (3.0) [n=335]	4.9 (4.7) [n=335]	61.7 (24.4) [n=339]	38.7 (8.8) [n=341]
6-month follow-up	MST	3.9 (3.5) [n=288]	15.6 (17.0) [n=288]	0.7 (1.5) [n=288]	1.4 (3.0) [n=288]	4.9 (4.5) [n=288]	55.5 (24.7) [n=292]	37.2 (8.8) [n=293]
	MAU	4.5 (3.9) [n=262]	18.0 (18.1) [n=262]	0.8 (1.5) [n=262]	1.8 (3.2) [n=262]	4.7 (4.7) [n=262]	57.1 (23.6) [n=268]	37.9 (9.0) [n=263]
	Effect (95% CI)	-0.15 (-0.35 to 0.05)	-0.18 (-0.38 to 0.02)	-0.41 (-0.68 to -0.14)	-0.13 (-0.25 to -0.01)	0.12 (-0.70 to 0.94)	-1.58 (-4.81 to 1.65)	-0.75 (-2.06 to 0.56)
	p value	0.12	0.068	0.0033	0.016	0.77	0.34	0.26
12-month follow-up	MST	3.3 (3.5) [n=243]	12.3 (16.3) [n=243]	0.8 (1.9) [n=243]	1.9 (4.0) [n=243]	5.0 (5.2) [n=243]	54.4 (24.2) [n=248]	36.0 (9.5) [n=252]
	MAU	3.4 (3.4) [n=230]	12.7 (14.4) [n=230]	0.7 (1.2) [n=230]	1.5 (2.6) [n=230]	5.2 (4.9) [n=230]	55.5 (22.2) [n=238]	36.6 (8.9) [n=238]
	Difference (95% CI)	-0.02 (-0.22 to 0.18)	-0.15 (-0.35 to 0.05)	-0.06 (-0.33 to 0.21)	-0.03 (-0.15 to 0.09)	-0.16 (-1.02 to 0.70)	-0.75 (-4.14 to 2.64)	-0.53 (-1.90 to 0.84)
	p value	0.86	0.15	0.68	0.66	0.72	0.67	0.45
18-month follow-up	MST	2.8 (3.3) [n=231]	10.0 (13.7) [n=231]	0.7 (1.4) [n=231]	1.5 (2.6) [n=231]	4.6 (5.0) [n=231]	53.1 (24.6) [n=234]	36.3 (9.5) [n=241]
	MAU	2.4 (2.6) [n=215]	9.2 (11.2) [n=215]	0.7 (1.2) [n=215]	1.4 (2.3) [n=215]	4.7 (5.1) [n=215]	51.4 (22.7) [n=217]	37.1 (9.0) [n=211]
	Difference (95% CI)	0.17 (-0.05 to 0.39)	0.04 (-0.16 to 0.24)	-0.12 (-0.41 to 0.17)	-0.02 (-0.14 to 0.10)	-0.03 (-0.91 to 0.85)	2.63 (-0.86 to 6.12)	-0.45 (-1.88 to 0.98)
	p value	0.11	0.73	0.44	0.72	0.95	0.14	0.54

Data were obtained using the Self-Report Delinquency Measure (SRDM), Antisocial Beliefs and Attitudes Scale (ABAS), and Youth Materialism Scale. MAU=management as usual.

MST=Multisystemic Therapy.