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Table 5: Secondary outcomes: A. Young people’s and parent’s report on parenting skills and family functioning. B. Parents’ report on family functioning.

A.

	Group and between-group significance (t-test)	APQ Problems of monitoring and supervision (YP) Mean (SD) [n]	APQ Problems of monitoring and supervision (P) Mean (SD) [n]	Loeber parental support score (P) Mean (SD) [n]	Level of Expressed Emotion (YP) Mean (SD) [n]
6 months–baseline	MST	8.4 (3.0) [n=341]	9.29 (3.33) [n=341]	44.44 (6.40) [n=337]	88.8 (20.0) [n=341]
	MAU	8.8 (2.8) [n=339]	9.37 (3.34) [n=339]	44.57 (6.04) [n=335]	89.1 (19.1) [n=339]
6-month follow-up	MST	7.7 (2.9) [n=292]	7.7 (3.2) [n=292]	47.7 (5.7) [n=288]	83.1 (18.9) [n=292]
	MAU	7.9 (2.9) [n=261]	8.5 (3.4) [n=268]	45.4 (6.6) [n=262]	85.3 (18.3) [n=268]
	Effect (95% CI)	-0.12 (-0.59 to 0.35)	-0.71 (-1.20 to -0.22)	2.05 (1.09 to 3.01)	-2.58 (-5.32 to 0.16)
	p value	0.62	0.0039	<0.0001	0.065
12-month follow-up	MST	7.7 (3.1) [n=246]	7.8 (3.3) [n=248]	46.7 (6.4) [n=243]	81.4 (19.7) [n=248]
	MAU	7.9 (3.1) [n=233]	8.1 (3.3) [n=238]	45.5 (6.4) [n=230]	82.3 (17.3) [n=238]
	Difference (95% CI)	0.02 (-0.49 to 0.53)	-0.10 (-0.61 to 0.41)	0.88 (-0.14 to 1.90)	-0.82 (-3.72 to 2.08)
	p value	0.94	0.72	0.093	0.58
18-month follow-up	MST	7.6 (3.1) [n=235]	7.7 (3.2) [n=234]	46.0 (7.1) [n=231]	78.7 (19.3) [n=234]
	MAU	7.7 (3.0) [n=206]	7.7 (3.4) [n=217]	44.9 (6.8) [n=215]	79.9 (18.6) [n=217]
	Difference (95% CI)	0.14 (-0.39 to 0.67)	0.11 (-0.42 to 0.64)	0.76 (-0.30 to 1.82)	-0.98 (-3.96 to 2.00)
	p value	0.61	0.70	0.16	0.52

Data were obtained using the Alabama Parenting Questionnaire (APQ), Loeber Caregiver Questionnaire (Loeber), and Level of Expressed Emotion. MAU=management as usual. MST=Multisystemic Therapy. YP=completed by young person. P=completed by parent. Other APQ scales are reported in the appendix.

B.

	Group (n) and between-group significance (t-test)	FACES-IV family satisfaction Mean (SD)	FACES-IV cohesion Mean (SD)	FACES-IV family communication Mean (SD)	CTS Mean (SD)
6 months–baseline	MST (n=337)	27.94 (8.73)	53.36 (22.54)	34.24 (8.11)	8.90 (9.87)
	MAU (n=335)	28.24 (9.09)	53.52 (24.21)	34.22 (8.55)	8.77 (9.72)
6-month follow-up	MST (n=288)	33.7 (8.0)	61.3 (18.7)	37.4 (7.2)	7.1 (9.9)
	MAU (n=262)	30.0 (9.1)	55.7 (22.1)	35.0 (8.4)	8.0 (8.1)
	Effect (95% CI)	3.85 (2.60 to 5.10)	5.80 (2.49 to 9.11)	2.60 (1.48 to 3.72)	-1.13 (-2.85 to 0.59)
	p value	<0.0001	0.00059	<0.0001	0.20
12-month follow-up	MST (n=243)	32.6 (8.6)	59.5 (20.8)	37.3 (7.0)	6.1 (9.5)
	MAU (n=230)	30.5 (8.9)	56.5 (22.3)	36.2 (8.1)	6.6 (7.1)
	Difference (95% CI)	2.43 (1.10 to 3.76)	3.27 (-0.20 to 6.74)	0.99 (-0.21 to 2.19)	0.10 (-1.74 to 1.94)
	p value	0.00037	0.065	0.11	0.92
18-month follow-up	MST (n=231)	32.5 (8.2)	59.7 (20.2)	37.7 (6.9)	5.0 (8.7)
	MAU (n=215)	32.0 (9.5)	59.5 (21.5)	37.0 (8.1)	4.8 (5.5)
	Difference (95% CI)	0.13 (-1.24 to 1.50)	0.80 (-2.79 to 4.39)	0.59 (-0.64 to 1.82)	-0.06 (-1.94 to 1.82)
	p value	0.85	0.66	0.35	0.95

Data were obtained using the Family Adaptability and Cohesion Evaluation Scale (FACES-IV) and the Conflict Tactics Scale (CTS). MAU=management as usual. MST=Multisystemic Therapy.