

Supplemental Table 2: Standardized change from baseline for outcomes of social cognitive function

Outcome Variable ¹	Time Point (wks)	Oxytocin			Placebo			P-Value ³ Trt Diff
		N	LS Mean (SE)	P-Value ² Diff>0	N	LS Mean (SE)	P-Value ² Diff>0	
Eyes Test Total	6	27	-0.09 (0.11)	0.422	27	-0.20 (0.11)	0.070	0.472
	12	26	-0.15 (0.13)	0.227	27	0.03 (0.12)	0.798	0.302
ER40 Total	6	28	0.28 (0.11)	0.014	29	0.17 (0.11)	0.129	0.475
	12	26	0.03 (0.10)	0.782	29	0.19 (0.10)	0.058	0.270
Brüne-A Total	6	28	0.29 (0.11)	0.010	28	0.38 (0.10)	0.001	0.552
	12	26	0.39 (0.12)	0.002	29	0.52 (0.12)	0.000	0.469
AIHQ Blame Bias	6	27	0.01 (0.16)	0.926	29	0.10 (0.15)	0.523	0.712
	12	25	-0.18 (0.15)	0.228	29	-0.15 (0.14)	0.308	0.860
Trustworthiness task - untrustworthy subscale	6	27	0.02 (0.14)	0.894	28	0.10 (0.14)	0.479	0.694
	12	25	0.08 (0.14)	0.591	29	0.02 (0.13)	0.875	0.779
Trustworthiness task - trustworthy subscale	6	27	0.16 (0.12)	0.194	28	-0.07 (0.11)	0.546	0.183
	12	25	-0.09 (0.13)	0.479	29	-0.04 (0.12)	0.761	0.760

Abbreviations: LS, least squares; ER-40, Emotion Recognition-40 task; AIHQ, Ambiguous Intentions Hostility Questionnaire

¹Models adjusted for baseline value and age in addition to treatment group.

²Test for within-group change

³Test for between-group change

Supplemental Table 3: Standardized change from baseline for outcomes of social functioning

Variable ¹	Time Point (wks)	Oxytocin			Placebo			P-Value ³ Trt Diff
		N	LS Mean (SE)	P-Value ² Diff>0	N	LS Mean (SE)	P-Value ² Diff>0	
SLOF-I IR	12	17	0.13 (0.24)	0.297	12	0.17 (0.29)	0.275	0.455
SLOF-P IR	12	26	-0.16 (0.19)	0.195	27	-0.52 (0.19)	0.003	0.096
SLOF-I SA	12	17	0.17 (0.15)	0.116	13	0.19 (0.17)	0.122	0.463
SLOF-P SA	12	26	0.32 (0.20)	0.050	28	0.17 (0.19)	0.188	0.287
SSPA Verbal SS	6	26	-0.21 (0.14)	0.145	28	0.38 (0.14)	0.008	0.005
	12	23	0.07 (0.17)	0.692	24	0.18 (0.17)	0.277	0.631
SSPA Nonverbal SS	6	26	-0.01 (0.14)	0.967	28	0.14 (0.14)	0.316	0.472
	12	23	0.02 (0.12)	0.878	24	0.07 (0.12)	0.537	0.748
SSPA Global SS	6	26	-0.48 (0.17)	0.007	28	0.01 (0.16)	0.950	0.045
	12	23	-0.25 (0.17)	0.152	24	-0.21 (0.17)	0.233	0.847

Abbreviations: LS, least squares; SLOF-I, Specific Levels of Functioning Scale - Informant; SLOF-P, SLOF-Participant; IR, Interpersonal Relationships; SA, Social Acceptability; SSPA, Social Skills Performance Assessment; SS, Social Skill

¹Models adjusted for baseline value and age in addition to treatment group.

²Test for within-group change

³Test for between-group change

Supplemental Table 4: Standardized change from baseline for PANSS following 12 weeks of treatment

Outcome Variable ¹	Time Point (wks)	Oxytocin			Placebo			P-Value ³ Trt Diff
		N	LS Mean (SE)	P-Value ² Diff>0	N	LS Mean (SE)	P-Value ² Diff>0	
PANSS Total	2	32	-0.34 (0.11)	0.004	30	-0.50 (0.12)	0.000	0.310
	6	28	-0.27 (0.12)	0.035	29	-0.46 (0.12)	0.000	0.279
	9	27	-0.35 (0.14)	0.016	29	-0.39 (0.14)	0.006	0.815
	12	26	-0.29 (0.13)	0.032	29	-0.45 (0.13)	0.001	0.389
PANSS Positive	2	32	-0.25 (0.09)	0.007	30	-0.29 (0.09)	0.003	0.774
	6	28	-0.12 (0.11)	0.292	29	-0.35 (0.11)	0.003	0.168
	9	27	-0.29 (0.12)	0.025	29	-0.31 (0.12)	0.014	0.894
	12	26	-0.23 (0.12)	0.056	29	-0.31 (0.11)	0.008	0.614
PANSS Negative	2	32	-0.26 (0.11)	0.024	30	-0.14 (0.12)	0.232	0.467
	6	28	-0.28 (0.13)	0.044	29	-0.08 (0.13)	0.558	0.303
	9	27	-0.20 (0.12)	0.099	29	-0.03 (0.12)	0.816	0.309
	12	26	-0.25 (0.13)	0.051	29	-0.14 (0.12)	0.261	0.521
PANSS General	2	32	-0.27 (0.13)	0.042	30	-0.63 (0.14)	0.000	0.071
	6	28	-0.22 (0.12)	0.077	29	-0.54 (0.12)	0.000	0.076
	9	27	-0.30 (0.17)	0.087	29	-0.48 (0.17)	0.006	0.460
	12	26	-0.22 (0.14)	0.127	29	-0.51 (0.14)	0.001	0.164

Abbreviations: LS, least squares; PANSS, Positive and Negative Syndrome Scale

¹Models adjusted for baseline value and age in addition to treatment group.

²Test for within-group change

³Test for between-group change