

Supplementary Table S1. Summary of outcomes for all participants entering the study with last observations carried forward

| Task | Propranolol-baseline | Propranolol-6wk | Propranolol-12wk | Placebo-baseline | Placebo-6wk | Placebo-12wk |
|---|----------------------|-------------------------------|-------------------------------|------------------|------------------|------------------|
| GSOM total | 32.0 (±15.3 SD) | 27.6 (±9.7 SD) | 41.2 (±14.0 SD) | 19.0 (±4.1 SD) | 16.0 (±7.2 SD) | 18.8 (±9.1 SD) |
| SRS | 74.8 (±11.2 SD) | 79.4 (±19.9 SD) | 78.2 (±17.0 SD) | 78.8 (±9.6 SD) | 76.8 (±10.9 SD) | 77.3 (±10.6 SD) |
| PAS | 76.3 (±20.1 SD) | 80.0 (±22.9 SD) ¹ | 84.8 (±32.9 SD) | 57.0 (±14.0 SD) | 60.5 (±21.0 SD) | 60.8 (±21.5 SD) |
| SEQ | 90.8 (±23.9 SD) | 102.6 (±25.5 SD) ² | 101.6 (±30.7 SD) ³ | 107.3 (±21.4 SD) | 101.3 (±13.5 SD) | 100.3 (±21.9 SD) |
| Vineland-communication | 78.8 (±20.3 SD) | 73.2 (±16.3 SD) | 73.6 (±26.2 SD) | 67.0 (±16.5 SD) | 68.3 (±17.1 SD) | 66.8 (±19.4 SD) |
| Vineland-daily living | 78.4 (±19.3 SD) | 72.0 (±8.0 SD) | 65.2 (±20.4 SD) | 72.0 (±10.1 SD) | 72.5 (±9.7 SD) | 72.3 (±14.2 SD) |
| Vineland-social | 70.4 (±13.8 SD) | 67.0 (±5.7 SD) | 68.8 (±10.2 SD) | 60.0 (±17.5 SD) | 60.5 (±15.6 SD) | 60.3 (±15.8 SD) |
| AIM-Peer Interaction Subdomain Impact raw score | 27.6 (±6.4 SD) | 25.8 (±8.4 SD) | 22.8 (±8.7 SD) ⁴ | 27.8 (±6.0 SD) | 27.3 (±7.6 SD) | 26.8 (±5.1 SD) |
| AIM-Social Reciprocity Subdomain Impact raw score | 30.4 (±1.1 SD) | 31.2 (±4.7 SD) | 30.4 (±3.1 SD) | 37.0 (±9.4 SD) | 34.0 (±11.9 SD) | 34.3 (±10.0 SD) |
| AIM-Atypical Behavior Subdomain Impact raw score | 32.8 (±15.0 SD) | 35.2 (±8.4 SD) | 37.6 (±15.3 SD) ⁵ | 30.0 (6.5 SD) | 30.8 (±6.7 SD) | 29.5 (±6.2 SD) |
| AIM-Communication Subdomain Impact raw score | 36.2 (±8.0 SD) | 34.4 (±6.4 SD) | 35.8 (±11.8 SD) | 43.5 (±5.4 SD) | 40.3 (±9.0 SD) | 41.5 (±5.2 SD) |
| AIM-Repetitive Behavior Subdomain Impact raw score | 41.2 (±19.1 SD) | 43.6 (±14.8 SD) ⁶ | 43.4 (±19.7 SD) | 45.5 (8.3 ± SD) | 40.3 (±5.7 SD) | 43.3 (±10.6 SD) |

(Student's paired t-test:

1 = p=0.070 vs baseline, 2 = p=0.051 vs baseline, 3 = p=0.064 vs baseline, 4 = p=0.087 vs baseline, 5 = p=0.080 vs baseline, 6 = p=0.061 vs baseline)