**PRODIGY Supplementary information**

Supplementary Table 1: Scale for the Assessment of Negative Symptoms at Baseline (Mean (Standard Deviation))

|  |  |  |
| --- | --- | --- |
|  | SRT + ESC  N = 138 | ESC alone  N = 132 |
|  |  |  |
| Unchanging Facial Expressionb | 1.1 (1.5) | 0.9 (1.3) |
|  |  |  |
| Decreased Spontaneous Movement | 0.6 (1.1) | 0.6 (1.0) |
|  |  |  |
| Paucity of Expressive Gestures | 1.1 (1.5) | 0.8 (1.4) |
|  |  |  |
| Poor Eye Contact | 1.2 (1.4) | 0.9 (1.2) |
|  |  |  |
| Affective Non-responsivity | 0.7 (1.2) | 0.5 (1.0) |
|  |  |  |
| Lack of Vocal Inflections | 1.2 (1.5) | 0.8 (1.2) |
|  |  |  |
| Global Rating of Affective Flat | 1.2 (1.4) | 0.9 (1.1) |
|  |  |  |
| Inappropriate Affect | 0.3 (0.7) | 0.4 (0.8) |
|  |  |  |
| Poverty of Speech | 0.9 (1.4) | 0.8 (1.2) |
|  |  |  |
| Poverty of Content of Speech | 0.5 (1.1) | 0.5 (1.0) |
|  |  |  |
| Blocking | 0.3 (0.9) | 0.3 (0.7) |
|  |  |  |
| Increased Latency of Response | 0.7 (1.1) | 0.5 (1.0) |
|  |  |  |
| Global Rating of Alogia | 0.8 (1.0) | 0.7 (0.9) |
|  |  |  |
| Grooming and Hygiene | 1.0 (1.2) | 0.9 (1.1) |
|  |  |  |
| Impersistence at Work or School | 4.1 (1.2) | 4.2 (1.2) |
|  |  |  |
| Physical Anergia | 3.1 (1.4) | 3.3 (1.4) |
|  |  |  |
| Global Rating of Avolition Apathy | 3.2 (1.1) | 3.3 (1.0) |
|  |  |  |
| Recreational Interest and Activity | 2.8 (1.4) | 2.9 (1.4) |
|  |  |  |
| Sexual Interest and Activitybc | 1.5 (1.9) | 1.7 (1.9) |
|  |  |  |
| Ability to Feel Intimacy and Closenessb | 1.8 (1.7) | 1.8 (1.6) |
|  |  |  |
| Relationships with Friends and Peers | 3.1 (1.5) | 2.9 (1.5) |
|  |  |  |
| Global Rating of Anhedonia Asocialityb | 2.9 (1.2) | 2.8 (1.1) |
|  |  |  |
| Social Inattentiveness | 0.6 (1.1) | 0.8 (1.3) |
|  |  |  |
| Inattentiveness During Mentala | 0.9 (1.4) | 0.9 (1.3) |
|  |  |  |
| Global Rating of Attentiona | 0.8 (1.0) | 0.9 (0.9) |
|  |  |  |

aThis variable has 1 missing at baseline for the standard care group.

bThis variable has 1 missing at baseline for the intervention group.

cThis variable has 3 missing at baseline for the standard care group.

Supplementary Table 2: Scale for the Assessment of Negative Symptoms Outcomes at 9 months

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | Untransformed | | | Log transformed | | |
|  | SRT + ESC (mean, SD, missing)  N = 138 | ESC alone (mean, SD, missing)  N = 132 | Adjusted Differencea  (95% CIb) | P-valuec | Adjusted Differencea  (95% CIb) | | P-valuec |
|  |  |  |  |  |  | |  |
| Unchanging Facial Expression | 0.8 (1.2), 22 | 0.6 (1.1), 29 | 0.16  (-0.12, 0.45) | 0.26 | 0.09  (-0.05, 0.22) | | 0.20 |
|  |  |  |  |  |  | |  |
| Decreased Spontaneous Movement | 0.5 (0.9), 21 | 0.3 (0.9), 29 | 0.08  (-0.12, 0.29) | 0.44 | 0.06  (-0.04, 0.16) | | 0.27 |
|  |  |  |  |  |  | |  |
| Paucity of Expressive Gestures | 0.8 (1.4), 21 | 0.5 (0.9), 29 | 0.24  (-0.03, 0.50) | 0.08 | 0.08  (-0.04, 0.20) | | 0.17 |
|  |  |  |  |  |  | |  |
| Poor Eye Contact | 1.1 (1.4), 21 | 0.8 (1.1), 29 | 0.14  (-0.13, 0.40) | 0.31 | 0.04  (-0.08, 0.16) | | 0.53 |
|  |  |  |  |  |  | |  |
| Affective Non-responsivity | 0.4 (0.9), 20 | 0.3 (0.6), 29 | 0.09  (-0.11, 0.29) | 0.36 | 0.03  (-0.07, 0.14) | | 0.52 |
|  |  |  |  |  |  | |  |
| Lack of Vocal Inflections | 0.8 (1.2), 18 | 0.5 (0.9), 29 | 0.13  (-0.13, 0.38) | 0.33 | 0.05  (-0.07, 0.17) | | 0.41 |
|  |  |  |  |  |  | |  |
| Global Rating of Affective Flat | 0.9 (1.1), 22 | 0.7 (0.9), 29 | 0.11  (-0.12, 0.35) | 0.33 | 0.05  (-0.07, 0.16) | | 0.43 |
|  |  |  |  |  |  | |  |
| Inappropriate Affect | 0.3 (0.7), 20 | 0.3 (0.6), 30 | 0.02  (-0.14, 0.17) | 0.82 | 0.01  (-0.08, 0.09) | | 0.91 |
|  |  |  |  |  |  | |  |
| Poverty of Speech | 0.8 (1.3), 18 | 0.5 (1.0), 28 | 0.21  (-0.04, 0.46) | 0.10 | 0.10  (-0.01, 0.21) | | 0.08 |
|  |  |  |  |  |  | |  |
| Poverty of Content of Speech | 0.3 (0.7), 18 | 0.4 (0.9), 28 | -0.09  (-0.30, 0.12) | 0.40 | -0.04  (-0.14, 0.07) | | 0.50 |
|  |  |  |  |  |  | |  |
| Blocking | 0.3 (0.7), 18 | 0.3 (0.7), 28 | -0.02  (-0.19, 0.16) | 0.87 | -0.00  (-0.10, 0.09) | | 0.95 |
|  |  |  |  |  |  | |  |
| Increased Latency of Response | 0.5 (1.0), 18 | 0.3 (0.7), 28 | 0.09  (-0.11, 0.30) | 0.38 | 0.04  (-0.06, 0.15) | | 0.43 |
|  |  |  |  |  |  | |  |
| Global Rating of Alogia | 0.7 (0.9), 18 | 0.5 (0.8), 28 | 0.15  (-0.06, 0.37) | 0.16 | 0.07  (-0.04, 0.19) | | 0.21 |
|  |  |  |  |  |  | |  |

aGeneral Linear model used, adjusted for differences of the outcome variable at baseline, along with stratification variables, and neurocognitive performance (Logical Memory Immediate Recall Total and COWAT Total for F, A, S), along with study site as random effect.

b95% Confidence Interval for parameter estimates.

cThe p-value is based upon a null hypothesis of zero difference.

Supplementary Table 3: Scale for the Assessment of Negative Symptoms Outcomes at 9 months continued

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  | Untransformed | | Log transformed | |
|  | SRT + ESC (mean, SD, missing)  N = 138 | ESC alone (mean, SD, missing)  N = 132 | Adjusted Differencea  (95% CIb) | P-valuec | Adjusted Differencea  (95% CIb) | P-valuec |
|  |  |  |  |  |  |  |
| Grooming and Hygiene | 0.8 (1.1), 18 | 0.7 (1.0), 28 | -0.00  (-0.25, 0.24) | 0.98 | -0.01  (-0.13, 0.11) | 0.85 |
|  |  |  |  |  |  |  |
| Impersistence at Work or School | 2.9 (2.0), 18 | 3.0 (2.0), 28 | -0.03  (-0.50, 0.43) | 0.89 | -0.03  (-0.19, 0.13) | 0.68 |
|  |  |  |  |  |  |  |
| Physical Anergia | 2.1 (1.6), 18 | 2.4 (1.7), 30 | -0.23  (-0.62, 0.16) | 0.25 |  |  |
|  |  |  |  |  |  |  |
| Global Rating of Avolition Apathy | 2.3 (1.5), 18 | 2.5 (1.5), 30 | -0.10  (-0.44, 0.24) | 0.58 |  |  |
|  |  |  |  |  |  |  |
| Recreational Interest and Activity | 1.4 (1.7), 18 | 1.4 (1.6), 30 | 0.04  (-0.37, 0.45) | 0.83 | -0.01  (-0.18, 0.17) | 0.95 |
|  |  |  |  |  |  |  |
| Sexual Interest and Activity | 0.9 (1.5), 21 | 1.0 (1.6), 32 | -0.15  (-0.56, 0.25) | 0.46 | -0.06  (-0.23, 0.11) | 0.46 |
|  |  |  |  |  |  |  |
| Ability to Feel Intimacy and Closeness | 1.0 (1.4), 18 | 1.1 (1.3), 29 | -0.11  (-0.46, 0.25) | 0.56 | -0.08  (-0.23, 0.08) | 0.33 |
|  |  |  |  |  |  |  |
| Relationships with Friends and Peers | 1.8 (1.7), 18 | 1.8 (1.7), 29 | -0.07  (-0.48, 0.34) | 0.74 | -0.01  (-0.17, 0.15) | 0.87 |
|  |  |  |  |  |  |  |
| Global Rating of Anhedonia Asociality | 1.7 (1.4), 19 | 1.8 (1.4), 30 | -0.14  (-0.49, 0.21) | 0.43 |  |  |
|  |  |  |  |  |  |  |
| Social Inattentiveness | 0.3 (0.8), 22 | 0.6 (1.1), 29 | -0.17  (-0.42, 0.08) | 0.18 | -0.07  (-0.19, 0.05) | 0.26 |
|  |  |  |  |  |  |  |
| Inattentiveness During Mental | 0.7 (1.1), 20 | 0.8 (1.2), 32 | 0.04  (-0.24, 0.31) | 0.79 | 0.02  (-0.11, 0.15) | 0.73 |
|  |  |  |  |  |  |  |
| Global Rating of Attention | 0.6 (0.9), 23 | 0.7 (1.0), 31 | -0.08  (-0.31, 0.16) | 0.54 | -0.04  (-0.16, 0.08) | 0.53 |
|  |  |  |  |  |  |  |

aGeneral Linear model used, adjusted for differences of the outcome variable at baseline, along with stratification variables, and neurocognitive performance (Logical Memory Immediate Recall Total and COWAT Total for F, A, S), along with study site as random effect.

b95% Confidence Interval for parameter estimates.

cThe p-value is based upon a null hypothesis of zero difference.

Supplementary Table 4: Scale for the Assessment of Negative Symptoms Outcomes at 15 months

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  | Untransformed | | Log transformed | |
|  | SRT + ESC (mean, SD, missing)  N = 138 | ESC alone (mean, SD, missing)  N = 132 | Adjusted Differencea  (95% CIb) | P-valuec | Adjusted Differencea  (95% CIb) | P-valuec |
|  |  |  |  |  |  |  |
| Unchanging Facial Expression | 0.9 (1.2), 27 | 0.6 (1.0), 38 | 0.26  (-0.03, 0.56) | 0.08 | 0.13  (-0.01, 0.28) | 0.06 |
|  |  |  |  |  |  |  |
| Decreased Spontaneous Movement | 0.4 (0.8), 26 | 0.2 (0.6), 38 | 0.16  (-0.02, 0.33) | 0.08 | 0.10  (0.00, 0.19) | 0.04 |
|  |  |  |  |  |  |  |
| Paucity of Expressive Gestures | 0.8 (1.4), 26 | 0.4 (0.9), 38 | 0.22  (-0.05, 0.49) | 0.12 | 0.09  (-0.03, 0.21) | 0.16 |
|  |  |  |  |  |  |  |
| Poor Eye Contact | 0.9 (1.3), 27 | 0.7 (1.0), 38 | 0.16  (-0.11, 0.43) | 0.24 | 0.06  (-0.07, 0.18) | 0.39 |
|  |  |  |  |  |  |  |
| Affective Non-responsivity | 0.5 (1.0), 26 | 0.3 (0.6), 38 | 0.18  (-0.03, 0.40) | 0.09 | 0.08  (-0.02, 0.19) | 0.12 |
|  |  |  |  |  |  |  |
| Lack of Vocal Inflections | 0.8 (1.2), 26 | 0.3 (0.7), 36 | 0.38  (0.13, 0.63) | 0.003 | 0.19  (0.07, 0.31) | 0.002 |
|  |  |  |  |  |  |  |
| Global Rating of Affective Flat | 0.9 (1.1), 28 | 0.6 (0.8), 38 | 0.16  (-0.07, 0.39) | 0.18 | 0.08  (-0.04, 0.20) | 0.22 |
|  |  |  |  |  |  |  |
| Inappropriate Affect | 0.2 (0.4), 26 | 0.2 (0.5), 38 | 0.01  (-0.11, 0.13) | 0.88 | 0.02  (-0.06, 0.10) | 0.62 |
|  |  |  |  |  |  |  |
| Poverty of Speech | 0.7 (1.3), 22 | 0.5 (1.0), 36 | 0.20  (-0.05, 0.45) | 0.12 | 0.09  (-0.03, 0.20) | 0.15 |
|  |  |  |  |  |  |  |
| Poverty of Content of Speech | 0.5 (1.0), 22 | 0.3 (0.7), 36 | 0.16  (-0.06, 0.39) | 0.15 | 0.06  (-0.05, 0.18) | 0.27 |
|  |  |  |  |  |  |  |
| Blocking | 0.2 (0.6), 22 | 0.2 (0.6), 36 | -0.02  (-0.18, 0.15) | 0.85 | -0.00  (-0.09, 0.09) | 1.00 |
|  |  |  |  |  |  |  |
| Increased Latency of Response | 0.5 (0.9), 23 | 0.2 (0.6), 36 | 0.23  (0.02, 0.44) | 0.03 | 0.12  (0.02, 0.23) | 0.02 |
|  |  |  |  |  |  |  |
| Global Rating of Alogia | 0.7 (0.8), 22 | 0.5 (0.7), 36 | 0.17  (-0.02, 0.37) | 0.09 | 0.10  (-0.01, 0.21) | 0.07 |
|  |  |  |  |  |  |  |

aGeneral Linear model used, adjusted for differences of the outcome variable at baseline, along with stratification variables, and neurocognitive performance (Logical Memory Immediate Recall Total and COWAT Total for F, A, S), along with study site as random effect.

b95% Confidence Interval for parameter estimates.

cThe p-value is based upon a null hypothesis of zero difference.

Supplementary Table 5: Scale for the Assessment of Negative Symptoms Outcomes at 15 months continued

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  | Untransformed | | Log transformed | |
|  | SRT + ESC (mean, SD, missing)  N = 138 | ESC alone (mean, SD, missing)  N = 132 | Adjusted Differencea  (95% CIb) | P-valuec | Adjusted Differencea  (95% CIb) | P-valuec |
|  |  |  |  |  |  |  |
| Grooming and Hygiene | 0.7 (1.1), 24 | 0.6 (1.0), 35 | 0.02  (-0.24, 0.28) | 0.86 | -0.00  (-0.13, 0.13) | 0.98 |
|  |  |  |  |  |  |  |
| Impersistence at Work or School | 2.9 (2.0), 23 | 2.8 (2.1), 35 | 0.05  (-0.43, 0.53) | 0.85 |  |  |
|  |  |  |  |  |  |  |
| Physical Anergia | 2.0 (1.6), 23 | 2.0 (1.7), 35 | 0.02  (-0.38, 0.43) | 0.91 |  |  |
|  |  |  |  |  |  |  |
| Global Rating of Avolition Apathy | 2.3 (1.4), 24 | 2.2 (1.5), 36 | 0.13  (-0.23, 0.48) | 0.48 |  |  |
|  |  |  |  |  |  |  |
| Recreational Interest and Activity | 1.4 (1.6), 24 | 1.4 (1.6), 35 | -0.02  (-0.44, 0.39) | 0.91 |  |  |
|  |  |  |  |  |  |  |
| Sexual Interest and Activity | 1.2 (1.8), 25 | 1.1 (1.7), 36 | 0.10  (-0.35, 0.55) | 0.65 | 0.04  (-0.14, 0.22) | 0.68 |
|  |  |  |  |  |  |  |
| Ability to Feel Intimacy and Closeness | 1.0 (1.3), 24 | 1.0 (1.2), 35 | 0.02  (-0.30, 0.34) | 0.89 | -0.00  (-0.15, 0.15) | 0.99 |
|  |  |  |  |  |  |  |
| Relationships with Friends and Peers | 2.0 (1.7), 24 | 1.5 (1.7), 35 | 0.46  (0.03, 0.89) | 0.036 |  |  |
|  |  |  |  |  |  |  |
| Global Rating of Anhedonia Asociality | 1.8 (1.4), 25 | 1.6 (1.3), 35 | 0.17  (-0.18, 0.51) | 0.34 |  |  |
|  |  |  |  |  |  |  |
| Social Inattentiveness | 0.4 (0.8), 25 | 0.3 (0.9), 36 | 0.10  (-0.13, 0.33) | 0.40 | 0.07  (-0.05, 0.18) | 0.25 |
|  |  |  |  |  |  |  |
| Inattentiveness During Mental | 0.7 (1.1), 24 | 0.8 (1.3), 36 | -0.09  (-0.37, 0.19) | 0.54 | -0.03  (-0.16, 0.10) | 0.66 |
|  |  |  |  |  |  |  |
| Global Rating of Attention | 0.6 (0.8), 25 | 0.6 (0.9), 37 | 0.04  (-0.18, 0.26) | 0.73 | 0.03  (-0.08, 0.15) | 0.58 |
|  |  |  |  |  |  |  |

aGeneral Linear model used, adjusted for differences of the outcome variable at baseline, along with stratification variables, and neurocognitive performance (Logical Memory Immediate Recall Total and COWAT Total for F, A, S), along with study site as random effect.

b95% Confidence Interval for parameter estimates.

cThe p-value is based upon a null hypothesis of zero difference.

Supplementary Table 6: Scale for the Assessment of Negative Symptoms Outcomes at 24 months

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  | Untransformed | | Log transformed | |
|  | SRT + ESC (mean, SD, missing)  N = 138 | ESC alone (mean, SD, missing)  N = 132 | Adjusted Differencea  (95% CIb) | P-valuec | Adjusted Differencea  (95% CIb) | P-valuec |
|  |  |  |  |  |  |  |
| Unchanging Facial Expression | 1.0 (1.3), 39 | 0.6 (1.1), 51 | 0.36  (0.02, 0.70) | 0.04 | 0.18  (0.03, 0.34) | 0.02 |
|  |  |  |  |  |  |  |
| Decreased Spontaneous Movement | 0.6 (1.1), 39 | 0.3 (0.8), 51 | 0.28  (-0.00, 0.56) | 0.05 | 0.15  (0.01, 0.28) | 0.03 |
|  |  |  |  |  |  |  |
| Paucity of Expressive Gestures | 1.1 (1.6), 39 | 0.5 (1.0), 51 | 0.52  (0.16, 0.88) | 0.005 | 0.22  (0.06, 0.38) | 0.007 |
|  |  |  |  |  |  |  |
| Poor Eye Contact | 1.0 (1.2), 39 | 0.6 (1.0), 51 | 0.34  (0.05, 0.62) | 0.02 | 0.17  (0.03, 0.31) | 0.01 |
|  |  |  |  |  |  |  |
| Affective Non-responsivity | 0.6 (1.0), 39 | 0.3 (0.7), 51 | 0.27  (0.01, 0.53) | 0.04 | 0.15  (0.02, 0.27) | 0.03 |
|  |  |  |  |  |  |  |
| Lack of Vocal Inflections | 1.0 (1.3), 39 | 0.5 (1.0), 51 | 0.40  (0.08, 0.73) | 0.01 | 0.23  (0.08, 0.37) | 0.003 |
|  |  |  |  |  |  |  |
| Global Rating of Affective Flat | 1.3 (1.2), 39 | 0.6 (1.0), 51 | 0.54  (0.25, 0.82) | <0.001 | 0.28  (0.15, 0.41) | <.0001 |
|  |  |  |  |  |  |  |
| Inappropriate Affect | 0.1 (0.5), 38 | 0.2 (0.7), 51 | -0.09  (-0.25, 0.07) | 0.26 | -0.04  (-0.12, 0.04) | 0.35 |
|  |  |  |  |  |  |  |
| Poverty of Speech | 0.7 (1.3), 39 | 0.4 (1.0), 50 | 0.27  (-0.01, 0.55) | 0.06 | 0.13  (-0.00, 0.26) | 0.05 |
|  |  |  |  |  |  |  |
| Poverty of Content of Speech | 0.4 (0.8), 38 | 0.3 (0.8), 50 | 0.03  (-0.19, 0.26) | 0.76 | 0.02  (-0.10, 0.13) | 0.75 |
|  |  |  |  |  |  |  |
| Blocking | 0.4 (0.8), 39 | 0.3 (0.8), 51 | 0.11  (-0.10, 0.32) | 0.30 | 0.06  (-0.04, 0.17) | 0.23 |
|  |  |  |  |  |  |  |
| Increased Latency of Response | 0.5 (0.9), 39 | 0.4 (0.7), 50 | 0.04  (-0.20, 0.28) | 0.75 | 0.01  (-0.12, 0.13) | 0.89 |
|  |  |  |  |  |  |  |
| Global Rating of Alogia | 0.8 (1.0), 39 | 0.5 (0.8), 50 | 0.23  (-0.01, 0.47) | 0.06 | 0.12  (-0.01, 0.25) | 0.07 |
|  |  |  |  |  |  |  |

aGeneral Linear model used, adjusted for differences of the outcome variable at baseline, along with stratification variables, and neurocognitive performance (Logical Memory Immediate Recall Total and COWAT Total for F, A, S), along with study site as random effect.

b95% Confidence Interval for parameter estimates.

cThe p-value is based upon a null hypothesis of zero difference.

Supplementary Table 7: Scale for the Assessment of Negative Symptoms Outcomes at 24 months continued

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  | Untransformed | | Log transformed | |
|  | SRT + ESC (mean, SD, missing)  N = 138 | ESC alone (mean, SD, missing)  N = 132 | Adjusted Differencea  (95% CIb) | P-valuec | Adjusted Differencea  (95% CIb) | P-valuec |
|  |  |  |  |  |  |  |
| Grooming and Hygiene | 0.6 (1.1), 40 | 0.7 (1.2), 51 | -0.15  (-0.45, 0.15) | 0.33 | -0.08  (-0.22, 0.07) | 0.29 |
|  |  |  |  |  |  |  |
| Impersistence at Work or School | 2.8 (2.1), 40 | 2.6 (2.1), 51 | 0.09  (-0.46, 0.65) | 0.74 |  |  |
|  |  |  |  |  |  |  |
| Physical Anergia | 2.2 (1.7), 40 | 2.2 (1.8), 51 | -0.02  (-0.50, 0.45) | 0.92 |  |  |
|  |  |  |  |  |  |  |
| Global Rating of Avolition Apathy | 2.3 (1.6), 40 | 2.2 (1.6), 51 | 0.16  (-0.26, 0.57) | 0.45 |  |  |
|  |  |  |  |  |  |  |
| Recreational Interest and Activity | 1.4 (1.6), 40 | 1.3 (1.4), 51 | 0.16  (-0.28, 0.60) | 0.48 | 0.02  (-0.17, 0.21) | 0.82 |
|  |  |  |  |  |  |  |
| Sexual Interest and Activity | 1.3 (1.8), 45 | 1.3 (1.8), 51 | 0.07  (-0.45, 0.59) | 0.78 | 0.02  (-0.19, 0.22) | 0.87 |
|  |  |  |  |  |  |  |
| Ability to Feel Intimacy and Closeness | 1.0 (1.3), 40 | 1.0 (1.3), 51 | 0.03  (-0.33, 0.38) | 0.89 | 0.00  (-0.16, 0.16) | 0.97 |
|  |  |  |  |  |  |  |
| Relationships with Friends and Peers | 2.3 (1.9), 40 | 1.5 (1.5), 51 | 0.78  (0.31, 1.26) | 0.001 |  |  |
|  |  |  |  |  |  |  |
| Global Rating of Anhedonia Asociality | 2.0 (1.5), 40 | 1.6 (1.3), 51 | 0.43  (0.03, 0.82) | 0.03 |  |  |
|  |  |  |  |  |  |  |
| Social Inattentiveness | 0.3 (0.8), 41 | 0.3 (0.8), 51 | -0.03  (-0.25, 0.20) | 0.81 | -0.01  (-0.12, 0.10) | 0.84 |
|  |  |  |  |  |  |  |
| Inattentiveness During Mental | 0.9 (1.3), 42 | 0.8 (1.4), 51 | 0.08  (-0.28, 0.44) | 0.66 | 0.06  (-0.09, 0.22) | 0.42 |
|  |  |  |  |  |  |  |
| Global Rating of Attention | 0.7 (1.0), 42 | 0.6 (0.9), 51 | 0.07  (-0.19, 0.33) | 0.59 | 0.04  (-0.08, 0.17) | 0.51 |
|  |  |  |  |  |  |  |

aGeneral Linear model used, adjusted for differences of the outcome variable at baseline, along with stratification variables, and neurocognitive performance (Logical Memory Immediate Recall Total and COWAT Total for F, A, S), along with study site as random effect.

b95% Confidence Interval for parameter estimates.

cThe p-value is based upon a null hypothesis of zero difference.

Supplementary Table 8*:* Secondary outcomes: SCID diagnoses (i) mood outcomes (number (%)) at 9 and 15 Months

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Timepoint | Prevalence (n (%), missing n)  SRT + ESC  N = 138 | Prevalence (n (%), missing n)  ESC alone  N = 132 | | | Relative Riska  (95% CIb) | | P-valuec |
|  |  |  |  | | |  | |  |
| Current Major Depressive Episode | Baseline | 72 (52%), 0 | 65 (49%), 0 | | |  | |  |
| 9 months | 26 (21%), 13 | 33 (29%), 19 | | | 0.71 (0.46, 1.11) | | 0.18 |
| 15 months | 35 (29%), 16 | 26 (26%), 31 | | | 1.11 (0.72, 1.72) | | 0.65 |
|  |  |  |  | | |  | |  |
| Current Mania | Baseline | 1 ( 0.7%), 0 | 1 ( 0.8%), 0 | | | |  |  |
| 9 months | 1 ( 0.8%), 13 | 2 ( 1.8%), 20 | | | | 0.45 (0.04, 4.87) | 0.60 |
| 15 months | 0 , 16 | 2 ( 2.0%), 30 | | | | - | 0.21 |
|  |  |  |  | | | |  |  |
| Current Hypomania | Baseline | 5 ( 3.6%), 0 | 2 ( 1.5%), 0 | | | |  |  |
| 9 months | 2 ( 1.6%), 13 | 2 ( 1.8%), 20 | | | | 0.90 (0.13, 6.26) | 1.00 |
| 15 months | 1 ( 0.8%), 16 | 2 ( 2.0%), 30 | | | | 0.42 (0.04, 4.54) | 0.59 |
|  |  |  |  | | | |  |  |
| Dysthymia | Baseline | 16 (12%), 0 | | 15 (11%), 0 |  | | |  |
|  | 9 months | 13 (10%), 13 | | 8 ( 7.1%), 20 | 1.46 (0.63, 3.38) | | | 0.49 |
|  | 15 months | 15 (12%), 16 | | 7 ( 6.9%), 31 | 1.77 (0.75, 4.18) | | | 0.26 |
|  |  |  | |  |  | | |  |
| Bipolar at Risk | Baseline | 25 (18%), 0 | | 14 (11%), 0 |  | | |  |
| 9 months | 6 ( 4.8%), 13 | | 11 ( 9.8%), 20 | 0.49 (0.19, 1.28) | | | 0.21 |
| 15 months | 8 ( 6.6%), 16 | | 6 ( 5.9%), 31 | 1.10 (0.40, 3.08) | | | 1.00 |
|  |  |  | |  |  | | |  |
| Bipolar I | Baseline | 2 ( 1.5%), 0 | | 5 ( 3.8%), 0 |  | | |  |
|  | 9 months | 3 ( 2.4%), 13 | | 5 ( 4.5%), 20 | 0.54 (0.13, 2.20) | | | 0.48 |
|  | 15 months | 2 ( 1.6%), 16 | | 5 ( 4.9%), 30 | 0.33 (0.07, 1.69) | | | 0.25 |
|  |  |  | |  |  | | |  |
| Bipolar II | Baseline | 4 ( 2.9%), 0 | | 1 ( 0.8%), 0 |  | | |  |
| 9 months | 3 ( 2.4%), 13 | | 2 ( 1.8%), 20 | 1.34 (0.23, 7.90) | | | 1.00 |
| 15 months | 2 ( 1.6%), 16 | | 0 , 30 | - | | | 0.50 |
|  |  |  | |  |  | | |  |
| Past Major Depressive Episode | Baseline | 33 (23.9%), 0 | 41 (31.1%), 0 | |  | | |  |
| 9 months | 53 (42.4%), 13 | 36 (32.1%), 20 | | 1.32 (0.94, 1.85) | | | 0.11 |
| 15 months | 33 (27.1%), 16 | 25 (25.0%), 32 | | 1.08 (0.69, 1.69) | | | 0.76 |
|  |  |  |  | |  | | |  |
| Past Mania | Baseline | 2 ( 1.5%), 0 | 5 ( 3.8%), 0 | |  | | |  |
|  | 9 months | 2 ( 1.6%), 13 | 3 ( 2.7%), 20 | | 0.60 (0.10, 3.51) | | | 0.67 |
|  | 15 months | 1 ( 0.8%), 16 | 2 ( 2.0%), 30 | | 0.42 (0.04, 4.54) | | | 0.59 |
|  |  |  |  | |  | | |  |
| Past Hypomania | Baseline | 2 ( 1.5%), 0 | 1 ( 0.8%), 0 | |  | | |  |
|  | 9 months | 2 ( 1.6%), 13 | 3 ( 2.7%), 20 | | 0.60 (0.10, 3.51) | | | 0.67 |
|  | 15 months | 4 ( 3.3%), 16 | 2 ( 2.0%), 30 | | 1.67 (0.31, 8.94) | | | 0.69 |
|  |  |  |  | |  | | |  |

aA relative risk > 1 indicates that the probability of a positive diagnosis is greater in the control group. A relative risk < 1 suggests a greater probability of a positive diagnosis in the intervention group.

bAsymptotic Wald 95% confidence limits.

cThe p-value of the Fisher’s Exact test is based upon the null hypothesis of no association between groups.

Past mood and infrequently endorsed anxiety, eating and somatoform diagnoses are presented in Appendix 3.ii. The majority of participants met diagnostic criteria for a current major depressive episode (Table 18) and almost half met criteria for current social phobia (Table 19).

Supplementary Table 9: Secondary outcomes: SCID diagnoses (ii) anxiety, eating and somatoform outcomes (number (%)) at 9 and 15 Months

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Timepoint | Prevalence (n (%), missing)a  SRT + ESC  N = 138 | Prevalence (n (%), missing)a  ESC alone  N = 132 | Relative Riskb  (95% CIc) | P-valued |
| Panic Disorder with Agoraphobia | Baseline | 18 (13%), 0 | 25 (19%), 0 |  |  |
| 9 months | 7 (41%), 1 | 12 (55%), 3 | 0.75 (0.38, 1.50) | 0.52 |
| 15 months | 7 (41%), 1 | 12 (57%), 4 | 0.72 (0.37, 1.42) | 0.52 |
|  |  |  |  |  |  |
| Agoraphobia without Panic | Baseline | 21 (15%), 0 | 31 (24%), 0 |  |  |
| 9 months | 10 (53%), 2 | 18 (72%), 6 | 0.73 (0.45, 1.20) | 0.22 |
| 15 months | 11 (58%), 2 | 14 (58%), 7 | 0.99 (0.60, 1.65) | 1.00 |
|  |  |  |  |  |  |
| Specific Phobia | Baseline | 10 ( 7.3%), 0 | 4 ( 3.0%), 0 |  |  |
| 9 months | 3 (30%), 0 | 1 (25%), 0 | 1.20 (0.17, 8.38) | 1.00 |
| 15 months | 5 (50%), 0 | 1 (25%), 0 | 2.00 (0.33, 12.18) | 0.58 |
|  |  |  |  |  |  |
| OCD | Baseline | 12 ( 8.7%), 0 | 11 ( 8.3%), 0 |  |  |
|  | 9 months | 4 (33%), 0 | 1 (10%), 1 | 3.33 (0.44, 25.23) | 0.32 |
|  | 15 months | 5 (42%), 0 | 0 , 3 | - | 0.06 |
|  |  |  |  |  |  |
| PTSD | Baseline | 14 (10%), 0 | 16 (12%), 0 |  |  |
|  | 9 months | 5 (46%), 3 | 5 (42%), 4 | 1.09 (0.43, 2.77) | 1.00 |
|  | 15 months | 6 (55%), 3 | 5 (46%), 5 | 1.20 (0.52, 2.79) | 1.00 |
|  |  |  |  |  |  |
| Body Dysmorphic Disorder | Baseline | 14 (10%), 0 | 10 ( 7.6%), 0 |  |  |
| 9 months | 8 (62%), 1 | 2 (29%), 3 | 2.15 (0.62, 7.50) | 0.35 |
| 15 months | 8 (67%), 2 | 2 (29%), 3 | 2.33 (0.68, 8.04) | 0.17 |
|  |  |  |  |  |  |
| Panic Disorder | Baseline | 6 ( 4.4%), 0 | 6 ( 4.6%), 1 |  |  |
|  | 9 months | 4 (80.0%), 1 | 3 (50.0%), 0 | 1.60 (0.64, 3.98) | 0.55 |
|  | 15 months | 1 (25.0%), 2 | 2 (40.0%), 1 | 0.63 (0.08, 4.66) | 1.00 |
|  |  |  |  |  |  |
| Hypochondriasis | Baseline | 4 ( 2.9%), 0 | 3 ( 2.3%), 0 |  |  |
|  | 9 months | 2 (50.0%), 0 | 2 (66.7%), 0 | 0.75 (0.21, 2.66) | 1.00 |
|  | 15 months | 3 (75.0%), 0 | 1 (33.3%), 0 | 2.25 (0.41, 12.28) | 0.47 |
|  |  |  |  |  |  |
| Anorexia Nervosa | Baseline | 1 ( 0.7%), 0 | 1 ( 0.8%), 0 |  |  |
|  | 9 months | 0 , 0 | 0 , 0 | - |  |
|  | 15 months | 0 , 0 | 0 , 0 | - |  |
|  |  |  |  |  |  |
| Bulimia Nervosa | Baseline | 1 ( 0.7%), 0 | 0 , 0 |  |  |
|  | 9 months | 0 , 1 | 0 , 0 | - |  |
|  | 15 months | 0 , 1 | 0 , 0 | - |  |
|  |  |  |  |  |  |
| Binge Eating Disorder | Baseline | 2 ( 1.5%), 0 | 1 ( 0.8%), 0 |  |  |
| 9 months | 1 (50.0%), 0 | 0 , 0 | - | 1.00 |
| 15 months | 1 (50.0%), 0 | 0 , 0 | - | 1.00 |
|  |  |  |  |  |  |
| Anxiety Disorder NOS | Baseline | 4 ( 2.9%), 0 | 3 ( 2.3%), 0 |  |  |
| 9 months | 1 (25.0%), 0 | 2 (100%) , 1 | 0.25 (0.05, 1.36) | 0.40 |
| 15 months | 1 (25.0%), 0 | 1 (50.0%), 1 | 0.50 (0.06, 4.47) | 1.00 |
|  |  |  |  |  |  |

aFor category (ii) variables, baseline prevalence is based upon the total number (N) within the relevant group. For 9 months, 15 months and 24 months, for each diagnosis, the prevalence is based upon the total number at baseline with a positive diagnosis (discounting ‘missing’, or negative diagnosis at baseline).

bA relative risk > 1 indicates that the probability of a positive diagnosis is greater in the control group. A relative risk < 1 suggests a greater probability of a positive diagnosis in the intervention group.

cAsymptotic Wald 95% confidence limits.

dThe p-value of the Fisher’s Exact test is based upon the null hypothesis of no association between groups.

Supplementary Table 12: Secondary outcomes: SCID diagnoses (i) mood outcomes (number (%)) at 24 Months

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Timepoint | Prevalence (n (%), missing n)  SRT + ESC  N = 138 | Prevalence (n (%), missing n)  ESC alone  N = 132 | Relative Riska  (95% CIb) | P-valuec |
| Past Major Depressive Episode | Baseline | 33 (23.9%), 0 | 41 (31.1%), 0 |  |  |
| 24 months | 24 (22.6%), 32 | 12 (14.6%), 50 | 1.55 (0.82, 2.91) | 0.19 |
|  |  |  |  |  |  |
| Current Mania | Baseline | 1 ( 0.7%), 0 | 1 ( 0.8%), 0 |  |  |
| 24 months | 2 ( 1.9%), 32 | 0 , 49 | - | 0.51 |
|  |  |  |  |  |  |
| Past Mania | Baseline | 2 ( 1.5%), 0 | 5 ( 3.8%), 0 |  |  |
|  | 24 months | 2 ( 1.9%), 32 | 1 ( 1.2%), 49 | 1.57 (0.14, 16.98) | 1.00 |
|  |  |  |  |  |  |
| Current | Baseline | 5 ( 3.6%), 0 | 2 ( 1.5%), 0 |  |  |
| Hypomania | 24 months | 2 ( 1.9%), 32 | 2 ( 2.4%), 49 | 0.78 (0.11, 5.44) | 1.00 |
|  |  |  |  |  |  |
| Past Hypomania | Baseline | 2 ( 1.5%), 0 | 1 ( 0.8%), 0 |  |  |
| 24 months | 2 ( 1.9%), 32 | 2 ( 2.4%), 49 | 0.78 (0.11, 5.44) | 1.00 |
|  |  |  |  |  |  |
| Dysthymia | Baseline | 16 (11.6%), 0 | 15 (11.4%), 0 |  |  |
|  | 24 months | 20 (18.9%), 32 | 7 ( 8.4%), 49 | 2.24 (0.99, 5.04) | 0.06 |
|  |  |  |  |  |  |
| Bipolar at Risk | Baseline | 25 (18.1%), 0 | 14 (10.6%), 0 |  |  |
| 24 months | 11 (10.4%), 32 | 6 ( 7.3%), 50 | 1.42 (0.55, 3.67) | 0.61 |
|  |  |  |  |  |  |
| Bipolar I | Baseline | 2 ( 1.5%), 0 | 5 ( 3.8%), 0 |  |  |
|  | 24 months | 4 ( 3.8%), 32 | 1 ( 1.2%), 50 | 3.09 (0.35, 27.16) | 0.39 |
|  |  |  |  |  |  |
| Bipolar II | Baseline | 4 ( 2.9%), 0 | 1 ( 0.8%), 0 |  |  |
|  | 24 months | 2 ( 1.9%), 32 | 1 ( 1.2%), 50 | 1.55 (0.14, 16.77) | 1.00 |
|  |  |  |  |  |  |

aA relative risk > 1 indicates that the probability of a positive diagnosis is greater in the control group. A relative risk < 1 suggests a greater probability of a positive diagnosis in the intervention group.

bAsymptotic Wald 95% confidence limits.

cThe p-value of the Fisher’s Exact test is based upon the null hypothesis of no association between groups.

Supplementary Table 13: Secondary outcomes: SCID diagnoses (ii) anxiety, eating and somatoform outcomes (number (%)) at 24 Months

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Timepoint | Prevalence (n (%), missing n)a  SRT + ESC  N = 138 | Prevalence (n (%), missing n)a  ESC alone  N = 132 | Relative Riskb  (95% CIc) | P-valued |
| Panic Disorder with Agoraphobia | Baseline | 18 (13%), 0 | 25 (19%), 0 |  |  |
| 24 months | 4 (29%), 4 | 4 (22%), 7 | 1.29 (0.39, 4.26) | 0.70 |
|  |  |  |  |  |  |
| Agoraphobia without Panic | Baseline | 21 (15%), 0 | 31 (24%), 0 |  |  |
| 24 months | 7 (44%), 5 | 9 (45%), 11 | 0.97 (0.47, 2.03) | 1.00 |
|  |  |  |  |  |  |
| Specific Phobia | Baseline | 10 ( 7.3%), 0 | 4 ( 3.0%), 0 |  |  |
| 24 months | 4 (57%), 3 | 1 (33%), 1 | 1.71 (0.31, 9.61) | 1.00 |
|  |  |  |  |  |  |
| OCD | Baseline | 12 ( 8.7%), 0 | 11 ( 8.3%), 0 |  |  |
|  | 24 months | 3 (27.3%), 1 | 0 , 3 | - | 0.23 |
|  |  |  |  |  |  |
| PTSD | Baseline | 14 (10%), 0 | 16 (12%), 0 |  |  |
|  | 24 months | 2 (20%), 4 | 4 (50%), 8 | 0.40 (0.10, 1.66) | 0.32 |
| Body Dysmorphic Disorder | Baseline | 14 (10%), 0 | 10 ( 7.6%), 0 |  |  |
| 24 months | 4 (36.4%), 3 | 0 , 4 |  |  |
|  |  |  |  |  |  |
| Panic Disorder | Baseline | 6 ( 4.4%), 0 | 6 ( 4.6%), 1 |  |  |
|  | 24 months | 0 , 2 | 3 (60.0%), 1 |  | 0.17 |
|  |  |  |  |  |  |
| Specific Phobia | Baseline | 10 ( 7.3%), 0 | 4 ( 3.0%), 0 |  |  |
|  | 24 months | 4 (57.1%), 3 | 1 (33.3%), 1 | 1.71 (0.31, 9.61) | 1.00 |
|  |  |  |  |  |  |
| Hypochondriasis | Baseline | 4 ( 2.9%), 0 | 3 ( 2.3%), 0 |  |  |
|  | 24 months | 3 (100%), 1 | 0 , 1 | - | 0.10 |
|  |  |  |  |  |  |
| Anorexia Nervosa | Baseline | 1 ( 0.7%), 0 | 1 ( 0.8%), 0 |  |  |
| 24 months | 0 , 0 | 0 , 0 | - |  |
|  |  |  |  |  |  |
| Bulimia Nervosa | Baseline | 1 ( 0.7%), 0 | 0 , 0 |  |  |
|  | 24 months | 0 , 1 | 0 , 0 | - |  |
|  |  |  |  |  |  |
| Binge Eating Disorder | Baseline | 2 ( 1.5%), 0 | 1 ( 0.8%), 0 |  |  |
| 24 months | 1 (50.0%), 0 | 1 (100%), 0 | 0.50 (0.13, 2.00) | 1.00 |
|  |  |  |  |  |  |
| Anxiety Disorder NOS | Baseline | 4 ( 2.9%), 0 | 3 ( 2.3%), 0 |  |  |
| 24 months | 1 (25.0%), 0 | 0 , 2 | - | 1.00 |
|  |  |  |  |  |  |

aFor category (ii) variables, baseline prevalence is based upon the total number (N) within the relevant group. For 9 months, 15 months and 24 months, for each diagnosis, the prevalence is based upon the total number at baseline with a positive diagnosis (discounting ‘missing’, or negative diagnosis at baseline).

bA relative risk > 1 indicates that the probability of a positive diagnosis is greater in the control group. A relative risk < 1 suggests a greater probability of a positive diagnosis in the intervention group.

cAsymptotic Wald 95% confidence limits.

dThe p-value of the Fisher’s Exact test is based upon the null hypothesis of no association between groups.

Supplementary Table 16: Secondary Time Use Outcomes – Analysis of ITT Population at 9 and 15 Months

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | Untransformed | | | | Log transformed | | |
|  | SRT + ESC  N = 138  M (SD) | ESC alone  N = 132  M (SD) | Adjusted Differencea  (95% CIc) | P-valued | | | Adjusted Differencea  (95% CIc) | | P-valued |
|  |  |  |  |  | | |  | |  |
| **15 months** |  |  |  |  | | |  | |  |
|  |  |  |  |  | | |  | |  |
| Constructive Economic Activity (hours per week) | 17.4 (19.9) | 22.0 (24.5) | -4.44  (-9.88, 1.01) | 0.11 | | | -0.22  (-0.46, 0.03) | | 0.09 |
| Missing n | 11 | 24 |  |  | | |  | |  |
|  |  |  |  |  | | |  | |  |
|  |  |  |  |  | | |  | |  |
| Total Hours Paid Employmentb | 75.3 (213.8) | 123.6 (275.2) | -47.03  (-111.53, 17.47) | 0.15 | | | -0.30  (-0.92, 0.31) | | 0.34 |
| Missing n | 21 | 31 |  |  | | |  | |  |
|  |  |  |  |  | | |  | |  |
| Total Hours Educationb | 76.6 (174.1) | 88.8 (176.3) | -12.35  (-59.48, 34.79) | 0.61 | | | -0.26  (-0.90, 0.38) | | 0.43 |
| Missing n | 25 | 31 |  |  | | |  | |  |
|  |  |  |  |  | | |  | |  |
| Total Hours Voluntary Employmentb | 16.5 (46.8) | 36.8 (96.3) | -19.21  (-39.35, 0.93) | 0.062 | | | -0.25  (-0.75, 0.24) | | 0.32 |
| Missing n | 27 | 28 |  |  | | |  | |  |
|  |  |  |  |  | | |  | |  |
| Total Hours All Activityb | 158.8 (252.0) | 258.8 (359.8) | -93.04  (-175.93, -10.15) | 0.028 | | | -0.46  (-1.13, 0.21) | | 0.18 |
| Missing n | 34 | 35 |  |  | | |  | |  |
|  |  |  |  |  | | |  | |  |
| **9 months** |  | |  | |  |  | |  | | |
| Constructive Economic Activity (hours per week) | 15.7 (14.3) | 16.6 (15.9) | -1.14  (-4.74, 2.45) | 0.53 | | | -0.01  (-0.24, 0.23) | | 0.95 |
| Missing n | 12 | 17 |  |  | | |  | |  |
|  |  |  |  |  | | |  | |  |
|  |  |  |  |  | | |  | |  |
| Total Hours Paid Employmentb | 156.9 (432.3) | 283.9 (511.4) | -106.66  (-239.19, 25.87) | 0.11 | | | -0.65  (-1.45, 0.14) | | 0.11 |
| Missing n | 25 | 48 |  |  | | |  | |  |
|  |  |  |  |  | | |  | |  |
| Total Hours Educationb | 130.1 (353.3) | 108.0 (235.0) | 23.74  (-66.66, 114.15) | 0.61 | | | 0.18  (-0.55, 0.91) | | 0.63 |
| Missing n | 26 | 50 |  |  | | |  | |  |
|  |  |  |  |  | | |  | |  |
| Total Hours Voluntary Employmentb | 50.5 (215.4) | 50.7 (170.9) | -4.04  (-60.84, 52.77) | 0.89 | | | -0.11  (-0.71, 0.48) | | 0.71 |
| Missing n | 33 | 47 |  |  | | |  | |  |
|  |  |  |  |  | | |  | |  |
| Total Hours All Activityb | 349.1 (591.2) | 454.2 (592.9) | -88.83  (-259.47, 81.81) | 0.31 | | | -0.43  (-1.22, 0.37) | | 0.29 |
| Missing n | 35 | 56 |  |  | | |  | |  |
|  |  |  |  |  | | |  | |  |

aGeneral Linear model used, adjusted for differences of the outcome variable at baseline, along with stratification variables, and neurocognitive performance (Logical Memory Immediate Recall Total and COWAT Total for F, A, S), along with study site as random effect.

bNo baseline information available, so baseline model adjustment was not made for this outcome variable.

c95% Confidence Interval for parameter estimates.

dThe p-value is based upon a null hypothesis of zero difference.

Supplementary Table 17: Time Use Outcomes – Analysis of ITT Population at 24 Months

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  | Untransformed | | Log transformed | |
|  | SRT + ESC  N = 138  M (SD) | ESC alone  N = 132  M (SD) | Adjusted Differencea  (95% CIc) | P-valued | Adjusted Differencea  (95% CIc) | P-valued | |
|  |  |  |  |  |  |  | |
| Structured Activity (hours per week) | 24.3 (18.9) | 32.4 (28.7) | -7.51 (-13.91, -1.12) | 0.02 | -0.20 (-0.45, 0.04) | 0.10 | |
| Missing n | 25 | 40 |  |  |  |  | |
|  |  |  |  |  |  |  | |
| Structured Activity (minus childcare; hours per week) | 23.8 (18.9) | 26.6 (20.4) | -2.37 (-7.59, 2.84) | 0.37 | -0.09 (-0.33, 0.16) | 0.48 | |
| Missing | 25 | 40 |  |  |  |  | |
| Constructive Economic Activity (hours per week) | 18.6 (16.7) | 27.4 (28.0) | -8.34 (-14.41, -2.27) | 0.007 | -0.28 (-0.55, -0.02) | 0.04 | |
| Missing | 25 | 40 |  |  |  |  | |
| Total Hours Educationb | 76.7 (175.3) | 93.6 (182.4) | -16.88 (-66.60, 32.85) | 0.50 | -0.27 (-0.93, 0.39) | 0.42 | |
| Missing | 32 | 39 |  |  |  |  | |
| Total Hours Voluntary Employmentb | 14.3 (37.7) | 38.3 (99.7) | -24.10 (-44.78, -3.42) | 0.02 | -0.31 (-0.82, 0.20) | 0.23 | |
| Missing | 34 | 36 |  |  |  |  | |
|  |  |  |  |  |  |  | |
| Total Hours All Activityb | 161.0 (255.0) | 258.9 (364.5) | -92.86 (-179.00, -6.72) | 0.04 | -0.46 (-1.15, 0.24) | 0.20 | |
| Missing | 39 | 40 |  |  |  |  | |

*Notes*: Structured activity hours per week of less than 30 hours per week reflects low functioning, with less than 15 hours per week reflecting very low functioning.

aGeneral Linear model used, adjusted for differences of the outcome variable at baseline, along with stratification variables, and neurocognitive performance (Logical Memory Immediate Recall Total and COWAT Total for F, A, S), along with study site as a random effect.

bNo baseline information available, so baseline model adjustment was not made for this outcome variable.

c95% Confidence Interval for parameter estimates.

dThe p-value is based upon a null hypothesis of zero difference.

Supplementary Table 18: Time Use linear models for severity of social disability interactions

|  |  |  |  |  |
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|  |  |  | Log Transformed | |
| Population | Time point | Outcome Measure | Adjusted Difference (95% CI) | P-value |
| ITT | 24 months | Structured activity hours per week | -0.31 (-0.60, -0.03) | 0.03 |
| ITT | 24 months | Constructive economic activity hours per week | -0.32 (-0.64, -0.00) | 0.05 |
| PP | 24 months | Structured activity hours per week | -0.37 (-0.69, -0.06) | 0.02 |
| PP | 24 months | Constructive economic activity hours per week | -0.35 (-0.70, 0.00) | 0.05 |
| PP | 24 months | Structured activity hours per week (minus childcare) | -0.29 (-0.60, 0.02) | 0.07 |

aGeneral Linear model used, adjusted for differences of the outcome variable at baseline, along with stratification variables, and neurocognitive performance (Logical Memory Immediate Recall Total and COWAT Total for F, A, S), along with study site as a random effect, and interaction term (treatment group \* severity of social disability)

c95% Confidence Interval for parameter estimates.

dThe p-value is based upon a null hypothesis of zero difference.