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|  | Table 4 (Supplement)*Fixed and random effects on the secondary outcomes – Intention to Treat* |  |  |  |  |  |  |  |
|  | **BCIS** | **CGI** | **EAT** | **FP-Emp** | **FP-Recog** | **IRI** | **ISMI** | **MANSA** | **PANSS** | **PSP** | **QCAE** | **QIDS-SR** | **WorQ** |
| **Parameter**  | Beta (SE) | Beta (SE) | Beta (SE) | Beta (SE) | Beta (SE) | Beta (SE) | Beta (SE) | Beta (SE) | Beta (SE) | Beta (SE) | Beta (SE) | Beta (SE) | Beta(SE) |
| **Fixed effects** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Time factor** |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  Baseline | 7.99 (0.66) | 14.02 (0.54) | 1.22(0.10) | 2.60 (0.25) | 3.98 (0.14) | 61.97(1.72) | 2.31 (0.05) | 52.37 (1.21) | 67.59 (2.36) | 58.71 (2.09) | 87.67 (1.24) | 9.56 (0.65) | 15.56(0.46) |
|  Post effecta | -0.55 (0.91) | -2.57 (0.77) | 0.06 (0.20) | 0.95 (0.40) | 0.16 (0.25) | -0.90(2.04) | -0.02 (0.06) | 3.09 (1.38) | -11.29 (3.16) | 2.93 (3.15) | -0.67 (1.63) | -0.07 (0.93) | 0.46(0.61) |
|  Post effect MERITa | -1.41 (1.27) | 0.70 (1.00) | -0.28 (0.25) | -0.40 (0.50) | -0.03 (0.33) | 2.29(2.93) | -0.15 (0.09) | -0.71 (1.97) | 8.65 (4.15) | -1.81 (4.15) | 1.56 (2.31) | -0.31 (1.30) | -1.15(0.81) |
|  Follow-up effectb | -0.18 (0.92) | -2.63 (0.80) | -0.16 (0.22) | 0.09 (0.42) | 0.50 (0.25) | 1.40(2.19) | -0.10 (0.06) | 3.73 (1.40) | -1.29 (3.26) | 4.50 (3.26) | 1.24 (1.66) | -0.06 (0.94) | 0.56(0.63) |
|  Follow-up MERITb | 0.07 (1.43) | -0.97 (1.25) | 0.145(0.31) | 0.10 (0.62) | -0.69 (0.40) | -1.35(3.29) | -0.10 (0.10) | -0.91 (2.19) | 0.82 (5.15) | -0.69 (5.14) | -1.50 (2.58) | 0.40 (1.46) | -1.65(0.96) |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Random effects***Variances of* |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  Level 3 – therapist | 0.30 (1.61) | 1.17 (1.07) | 0.00 (0.00) | 0.27 (0.22) | 0.00 (0.00) | 0.00(0.00) | 0.00 (0.00) | 0.93 (5.66) | 25.67 (22.12) | 12.31 (15.78) | 0.00 (0.00) | 0.00 (0.00) | 0.71(0.84) |
|  Level 2 – intercept | 16.80 (4.22) | 2.73 (1.48) | 0.05 (0.07) | 0.00 (0.00) | 0.52 (0.18) | 149.83(30.87) | 0.10 (0.02) | 68.37 (14.96) | 63.09 (27.73) | 64.24 (27.72) | 70.59 (15.41) | 17.30 (4.09) | 4.57(1.38) |
|  Level 1 – residual | 11.57 (1.80) | 9.04 (1.43) | 0.47 (0.09) | 2.52 (0.32) | 0.85 (0.137) | 57.83(9.01) | 0.05 (0.01) | 25.53 (3.98) | 147.76 (23.46) | 147.76 (23.43) | 36.57 (5.70) | 12.11 (1.88) | 5.14(0.81) |
| BCIS=Beck Cognitive Insight Scale; CGI=Clinical Global Impression; EAT = Empathic Accuracy Task; FP-Emp = Faux Pas Test – empathy errors; FP-Recog= Faux Pas Test - # of faux pas accurately detected; IRI = Interpersonal Reactivity Index; ISMI = Internalized Stigma of Mental Illness Inventory; MANSA = Manchester Short Assessment of Quality of Life; PANSS = Positive and Negative Syndrome Scale; PSP = Personal and Social Performance Scale; QCAE = Questionnaire of Cognitive and Affective Empathy; QIDS-SR = Quick Inventory of Depressive Symptoms – Self Report; WorQ = Work Readiness Questionnaire. aPost effect: Difference between T0 and T1 (TAU is reference category)bFollow–up effect: Difference between T0 and T2 (TAU is reference category) |

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|  | Table 5 (Supplement)*Fixed and random effects on the secondary outcomes – Sensitivity* |  |  |  |  |  |  |  |
|  | **BCIS** | **CGI** | **EAT** | **FP-Emp** | **FP-Recog** | **IRI** | **ISMI** | **MANSA** | **PANSS** | **PSP** | **QCAE** | **QIDS-SR** | **WorQ** |
| **Parameter**  | Beta (SE) | Beta (SE) | Beta (SE) | Beta (SE) | Beta (SE) | Beta (SE) | Beta (SE) | Beta (SE) | Beta (SE) | Beta (SE) | Beta (SE) | Beta (SE) | Beta (SE) |
| **Fixed effects** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Time factor** |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  Baseline | 7.96 (0.80) | 14.10 (0.67) | 1.18 (0.12) | 2.53 (0.29) | 4.03 (0.19) | 64.49(2.48) | 2.36 (0.06) | 50.24 (1.48) | 68.86 (2.69) | 58.33 (2.63) | 86.89 (1.51) | 10.07 (0.84) | 15.29(0.48) |
|  Post effecta | -0.50 (0.97) | -2.55 (0.84) | 0.08 (0.22) | 1.04 (0.42) | 0.11 (0.27) | -1.65(1.93) | -0.04 (0.06) | 3.72 (1.40) | -12.24 (3.36) | 3.60 (3.26) | -0.43 (1.63) | -0.28 (0.964) | 0.64(0.62) |
|  Post effect MERITa | -1.11 (1.44) | 1.35 (1.13) | -0.35 (0.27) | -0.73 (0.55) | 0.03 (0.38) | 3.85(3.00) | -0.10 (0.10) | -1.75 (2.17) | 10.92 (4.59) | -6.24 (4.40) | 4.15 (2.49) | -0.34 (1.46) | -0.66(0.89) |
|  Follow-up effectb | 0.02(0.10) | -2.76 (0.89) | 0.00 (0.24) | -0.00 (0.45) | 0.44 (0.28) | 0.19(2.11) | -0.13 (0.06) | 4.49 (1.45) | -2.56 (3.53) | 6.05 (3.43) | 1.41 (1.69) | -0.25 (0.10) | 0.76(0.65) |
|  Follow-up MERITb | 0.21 (1.59) | -0.53 (1.45) | 0.12 (0.35) | 0.26 (0.68) | -0.92 (0.47) | 1.50(3.31) | -0.02 (0.11) | -2.75 (2.40) | 2.82 (5.86) | -2.14 (5.64) | 0.51 (2.75) | 1.32 (1.62) | -1.98(1.04) |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Random effects***Variances of* |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  Level 3 – therapist | 0.60 (2.21) | 1.81 (1.58) | 0.00 (0.00) | 0.27 (0.24) | 0.00 (0.00) | 25.42(26.95) | 0.00 (0.00) | 0.00 (0.00) | 24.43 (25.34) | 26.82 (24.31) | 0.00 (0.00) | 0.00 (0.00) | 0.00(0.00) |
|  Level 2 – intercept | 13.16 (4.39) | 2.20 (1.68) | 0.03 (0.08) | 0.00 (0.00) | 0.60 (0.22) | 110.67(31.98) | 0.10 (0.03) | 73.33 (17.72) | 54.96 (30.88) | 39.68 (26.61) | 67.46 (17.27) | 19.00 (5.11) | 5.25(1.58) |
|  Level 1 – residual | 12.72 (2.12) | 10.00 (1.72) | 0.51 (0.11) | 2.49 (0.36) | 0.94 (0.16) | 50.40(8.39) | 0.05 (0.01) | 25.51 (4.25) | 156.07 (26.96) | 149.13 (25.73) | 34.97 (5.84) | 12.40 (2.07) | 4.96(0.85) |
| BCIS=Beck Cognitive Insight Scale; CGI=Clinical Global Impression; EAT = Empathic Accuracy Task; FP-Emp = Faux Pas Test – empathy errors; FP-Recog= Faux Pas Test - # of faux pas accurately detected; IRI = Interpersonal Reactivity Index; ISMI = Internalized Stigma of Mental Illness Inventory; MANSA = Manchester Short Assessment of Quality of Life; PANSS = Positive and Negative Syndrome Scale; PSP = Personal and Social Performance Scale; QCAE = Questionnaire of Cognitive and Affective Empathy; QIDS-SR = Quick Inventory of Depressive Symptoms – Self Report. aPost effect: Difference between T0 and T1 (TAU is reference category)bFollow–up effect: Difference between T0 and T2 (TAU is reference category) |