**Supplemental Table 2B: Association of Mood Incongruent symptoms, Schneiderian symptoms and Disorganized Speech with demographical and clinical characteristics in BD type I patients, unadjusted results**

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|  | **Test Statistics**  **Mood Incongruent symptoms**  **N=404 (30.1%)** | **Test Statistics**  **Schneiderian symptoms**  **N= 284 (21.2%)** | **Test Statistics**  **Disorganized Speech**  **N= 801(59.7%)** |
| *Age* | Beta=-0.02, t=-0.70, p=0.487 | Beta=0.06, t=-2.07, p=0.039 | **Beta=-0.13, t=-4.55, p<0.001\*** |
| *Gender* | B=0.22, p=0.100, OR=1.25[0.96-1.63] | B=0.28, p=0.067, OR=1.33[0.98-1.81] | B=-0.02, p=0.861, OR=0.98[0.78-1.23] |
| *Marital Status* | B=0.29, p=0.031, OR=1.33[1.03-1.73] | B=-0.20, p=0.189, OR=0.82[0.61-1.10] | B=-0.07, p=0.545, OR=0.93[0.73-1.18] |
| *Employment status* | B=-0.16, p=0.217, OR=0.85[0.66-1.10] | B=-0.22, p=0.143**,** OR=0.80[0.60-1.08] | B=0.13, p=0.283,OR=1.13[0.90-1.42] |
| *Global functioning* | Beta=-0.08, t=-0.29, p=0.776 | **Beta=-0.11, t=-3.15, p=0.002\*** | Beta=-0.08, t=-2.59, p=0.010 |
| *Socio economic status* | Beta=0.03, t=0.82, p=0.413 | Beta=0.07, t=2.18, p=0.029 | **Beta=0.11, t=3.68, p<0.001\*** |
| *Mean level of education* | W χ2(1)=0.54, p=0.416, OR=0.90[0.72-1.15] | W χ2(1)=0.20, p=0.749, OR=1.04[0.80-1.36] | W χ2(1)=1.01, p=0.390, OR=1.09[0.89-1.33] |
| *Premorbid IQ* | Beta=0.02, t=0.59, p=0.558 | Beta=-0.05, t=-1.60, p=0.110 | Beta=-0.04, t=-1.23, p=0.219 |
| *Anxiety disorder* | B=0.12, p=0.405, OR=1.13[0.85-1.52] | B=0.43, p =0.009, OR=1.54[1.12-2.12] | B=0.26, p=0.053, OR=1.29[0.99-1.69] |
| *Age at onset* | Beta=0.01, t=-0.29, p=0.771 | Beta=-0.04, t=-1.40, p=0.163 | Beta=-0.07, t=-2.41, p=0.016 |
| *Nr. of episodes MANCOVA* | F(2,1335)=0.07, p=0.911, Partial η2<0.01 | F(2,1335)=0.49, p=0.618, Partial η2<0.01 | **F(2,1335)=8.57, p<0.001, Partial η2=0.01\*** |
| *Nr. of depressive episodes* | F(1,1336)=0.19, p=0.731, Partial η2<0.01 | F(1,1336)=0.32, p=0.582, Partial η2<0.01 | F(1,1336)=1.36, p=0.262, Partial η2<0.01 |
| *Nr. of manic episodes* | F(1,1336)=0.04, p=0.869, Partial η2<0.01 | F(1,1336)=0.93, p=0.349, Partial η2<0.01 | **F(1,1336)=14.14, p<0.001, Partial η2=0.01\*** |
| *Nr. of hospitalizations MANCOVA* | F(2,1335)=1.43, p=0.247, Partial η2<0.01 | F(2,1335)=1.57, p=0.221, Partial η2<0.01 | F(2,1335)=0.91, p=0.440, Partial η2<0.01 |
| *Nr. of hospitalizations for depressive episodes* | F(1,1336)=2.02, p=0.159, Partial η2<0.01 | F(1,1336)=0.40, p=0.538, Partial η2<0.01 | F(1,1336)=1.60, p=0.312, Partial η2<0.01 |
| *Nr. of hospitalizations for manic episodes* | F(1,1336)=0.25, p=0.631, Partial η2<0.01 | F(1,1336)=3.11, p=0.085, Partial η2<0.01 | F(1,1336)=0.10, p=0.942, Partial η2<0.01 |
| *Nr. of suicide attempts* | B=-0.09, p=0.588, OR=0.91[0.65-1.27] | B=0.15, p =0145, OR=1.27[0.92-1.76] | B=0.15, p=0.323, OR=1.16[0.86-1.57] |
| *Total IQ (n=1060)* | Beta=0.08, t=2.52, p=0.012 | Beta=-0.04, t=-1.13, p=0.259 | Beta=0.07, t=2.36, p=0.018 |
| *WAIS MANCOVA(n=1060)* | F(4,1017)=1.88, p=0.111, Partial η2=0.01 | F(4,1017)=2.36, p=0.051, Partial η2<0.01 | F(4,1017)=3.48, p=0.008, Partial η2=0.01 |
| *WAIS – Information* | F(1,1020)=2.16, p=0.142, Partial η2=0.01 | F(1,1020)=2.64, p=0.104, Partial η2<0.01 | F(1,1020)=0.61, p=0.434, Partial η2<0.01 |
| *WAIS – Block Design* | F(1,1020)=5.48, p=0.019, Partial η2=0.01 | F(1,1020)=0.65, p=0.421, Partial η2<0.01 | F(1,1020)=1.22, p=0.269, Partial η2=0.01 |
| *WAIS – Arithmetic* | F(1,1020)=0.55, p=0.460, Partial η2<0.01 | F(1,1020)=3.28, p=0.071, Partial η2<0.01 | F(1,1020)=4.06, p=0.044, Partial η2<0.01 |
| *WAIS – Digit Symbol* | F(1,1020)=4.18, p=0.041, Partial η2<0.01 | F(1,1020)=1.96, p=0.162, Partial η2<0.01 | F(1,1020)=12.01, p=0.001, Partial η2=0.01 |
| *Childhood trauma Total score* | Beta=-0.02, t=-0.74, p=0.461 | Beta=0.05, t=1.45, p=0.148 | Beta=0.04, t=1.91, p=0.059 |
| *Trauma subtypes MANCOVA* | F(5,1332)=3.15, p\*\*=0.010, Partial η2=0.01 | F(5,1332)=1.03, p\*\*=0.411, Partial η2<0.01 | F(5,1332)=4.71, p=0.003, Partial η2=0.01 |
| *Sexual abuse* | F(1,1336)=2.19, p=0.113, Partial η2<0.01 | F(1,1336)=2.45, p=0.149, Partial η2<0.01 | F(1,1336)=6.54, p=0.015, Partial η2<0.01 |
| *Physical abuse* | F(1,1336)=0.15, p=0.732, Partial η2<0.01 | F(1,1336)=0.23, p=0.638, Partial η2<0.01 | F(1,1336)=8.32, p=0.007, Partial η2=0.01 |
| *Emotional abuse* | F(1,1336)=0.16, p=0.388, Partial η2<0.01 | F(1,1336)=1.75, p=0.198, Partial η2<0.01 | F(1,1336)=6.45, p=0.016, Partial η2=0.01 |
| *Physical neglect* | F(1,1336)=10.75, p=0.002, Partial η2=0.01 | F(1,1336)=2.49, p=0.121, Partial η2<0.01 | F(1,1336)=3.11, p=0.099, Partial η2<0.01 |
| *Emotional neglect* | F(1,1336)=0.1.07, p=0.312, Partial η2<0.01 | F(1,1336)=0.43, p=0.516, Partial η2<0.01 | F(1,1336)=0.19, p=0.789, Partial η2<0.01 |
| \*Significant between-group difference (p<0.0029)  \*\* Hotelling’s trace |  |  |  |
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