**Supplementary 1**. Sociodemographic, neuropsychological and clinical comparisons between patients from the 2 education subgroups who completed 10 year-year follow-up

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Low education** | | **High education** | |  |  |
| **N=209** | **N=100** | | **N=109** | |  |  |
| **Sociodemographic variables** | **N** | **%** | **N** | **%** | **Statistic** | **Value** |
| Males | 69 | 69.0 | 45 | 41.3 | X2 | 16.158\*\* |
| Diagnosis (schizophrenia) - 10Y | 72 | 80.0 | 65 | 69.9 | X2 | 2.483 |
| Same diagnosis | 66 | 73.3 | 65 | 69.9 | X2 | 0.266 |
| Caucasian | 98 | 98.0 | 108 | 99.1 | X2 | 0.432 |
| Urban area | 67 | 67.0 | 77 | 70.6 | X2 | 0.323 |
| Living with family | 80 | 80.0 | 70 | 64.2 | X2 | 6.41\* |
| Low Socioeconomic status | 70 | 70.0 | 43 | 40.2 | X2 | 18.534\*\* |
| Single | 75 | 75.0 | 83 | 76.1 | X2 | 0.037 |
| Keep studying | 21 | 25.3 | 9 | 9.7 | X2 | 7.571\*\* |
| Tobacco | 62 | 62.0 | 56 | 51.4 | X2 | 2.394 |
| Cannabis | 49 | 49.0 | 30 | 27.5 | X2 | 10.232\*\* |
| Cocaine | 23 | 23.0 | 12 | 11.0 | X2 | 5.378\* |
| Alcohol | 62 | 62.0 | 46 | 42.2 | X2 | 8.186\*\* |
|  | **Mean** | **SD** | **Mean** | **SD** | **Statistic** | **Value** |
| Age | 27.7 | 9.7 | 30.9 | 7.6 | t | -2.661\*\* |
| Age of onset | 26.6 | 9.0 | 29.6 | 7.4 | t | -2.562\* |
| Years of education | 7.7 | 1.1 | 13.5 | 2.3 | t | -23.972\*\* |
| DUI (months) | 28.3 | 40.8 | 24.4 | 31.3 | W | 5331.5 |
| DUP (months) | 12.8 | 31.3 | 14.5 | 28.3 | W | 5435.5 |
| PAS - General | 4.0 | 2.0 | 2.6 | 1.9 | t | 4.84\*\* |
| Premorbid IQ | 87.9 | 11.8 | 101.9 | 12.9 | t | -7.163\*\* |
| **Clinical variables** | **Mean** | **SD** | **Mean** | **SD** | **Statistic** | **Value** |
| SAPS | 13.8 | 4.1 | 12.8 | 5.0 | t | 1.441 |
| SANS | 8.2 | 6.6 | 7.4 | 6.1 | t | 0.976 |
| Psychotic dimension | 7.9 | 2.4 | 7.0 | 2.3 | t | 2.561\* |
| Negative dimension | 6.3 | 6.1 | 5.7 | 5.5 | t | 0.757 |
| Disorganized dimension | 5.9 | 3.2 | 5.8 | 4.0 | t | 0.164 |
| BPRS | 64.0 | 12.6 | 60.1 | 13.5 | t | 2.123\* |
| CDSS | 2.6 | 3.6 | 2.7 | 3.3 | W | 5078 |
| DAS | 1.4 | 1.5 | 0.9 | 1.3 | t | 2.538\* |
| CPZ equivalent dose | 229.1 | 79.1 | 237.7 | 83.8 | t | -0.758 |
| **Cognitive domains** | **Mean** | **SD** | **Mean** | **SD** | **Statistic** | **Value** |
| Verbal memory | -2.6 | 1.3 | -2.0 | 1.4 | t | -2.95\*\* |
| Visual memory | -0.7 | 1.1 | -0.4 | 1.0 | t | -1.561 |
| Processing speed | -1.9 | 0.9 | -1.1 | 1.1 | t | -5.255\*\* |
| Working memory | -0.8 | 0.8 | -0.3 | 0.9 | t | -3.703\*\* |
| Executive function | -1.8 | 2.4 | -0.8 | 1.6 | W | 2195\*\* |
| Motor dexterity | -2.0 | 3.7 | -0.7 | 1.2 | W | 2128.5\*\* |
| Attention | -3.6 | 4.9 | -2.0 | 4.2 | W | 1921\*\* |
| Global Cognitive Functioning | 1.8 | 1.1 | 1.2 | 0.9 | t | 3.809\*\* |
| \*Group differences significant at p < 0.05 / \*\*Group differences significant at p < 0.01 | | | | | | |
| DUI=Duration of untreated illness, DUP=Duration of untreated psychosis, PAS=Premorbid Adjustment Scale, IQ=Intelligence Quotient, SAPS=Scale for the Assessment of Positive Symptoms, SANS=Scale for the Assessment of Negative Symptoms, BPRS=Brief Psychiatric Rating Scale, CDSS=Calgary Depression Scale for Schizophrenia, DAS=Disability Assessment Scale, CPZ=Chlorpromazine | | | | | | |

**Supplementary 2**. Repeated measures ANOVAS for cognitive domains and clinical variables from the 2 education subgroups who completed 10 year-year follow-up

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **Low Education** | | | |  |  | **High Education** | | | |  |  |  |  |
|  |  | **Baseline** | | **10-year** | |  |  | **Baseline** | | **10-year** | |  | **Group** | **Time** | **Time X Group** |
|  | **N** | **Mean** | **SD** | **Mean** | **SD** | **Effects Size** | **N** | **Mean** | **SD** | **Mean** | **SD** | **Effects Size** | **F-values** | | |
| Verbal memory | 66 | -2.47 | 1.28 | -2.21 | 1.36 | 0.202 | 71 | -2.14 | 1.40 | -1.57 | 1.29 | 0.432 | 0.00 | 1.17 | 2.16 |
| Visual memory | 65 | -0.54 | 1.07 | -0.75 | 0.88 | -0.266 | 71 | -0.41 | 0.95 | -0.36 | 0.71 | 0.082 | 0.66 | 0.17 | 2.34 |
| Processing speed | 66 | -1.92 | 0.91 | -1.22 | 1.00 | 0.749 | 70 | -1.13 | 1.13 | -0.20 | 0.80 | 0.984 | 8.93\*\* | 7.53\*\* | 4.13\* |
| Working memory | 66 | -0.70 | 0.71 | -0.72 | 0.79 | -0.030 | 71 | -0.20 | 0.92 | -0.17 | 0.80 | 0.032 | 5.81\* | 0.06 | 0.05 |
| Executive function | 62 | -1.33 | 2.08 | -1.20 | 1.77 | 0.063 | 71 | -0.58 | 1.28 | -0.39 | 1.31 | 0.132 | 4.67\* | 1.19 | 0.28 |
| Motor dexterity | 64 | -1.86 | 3.88 | -1.50 | 2.77 | 0.135 | 68 | -0.66 | 1.23 | -0.80 | 2.08 | -0.100 | 1.51 | 0.35 | 0.62 |
| Attention | 52 | -3.13 | 4.42 | -1.84 | 4.53 | 0.321 | 66 | -2.20 | 4.54 | -1.61 | 4.29 | 0.147 | 0.11 | 0.47 | 0.28 |
| Global Cognitive Functioning | 50 | 1.65 | 1.02 | 1.34 | 0.83 | -0.370 | 63 | 1.18 | 0.84 | 0.77 | 0.81 | -0.553 | 2.46 | 2.52 | 1.17 |
| SAPS | 73 | 13.21 | 3.90 | 2.01 | 3.48 | -2.259 | 74 | 13.11 | 5.01 | 1.16 | 3.46 | -2.071 | 0.16 | 0.89 | 0.24 |
| SANS | 73 | 8.68 | 6.72 | 5.74 | 6.06 | -0.396 | 74 | 7.35 | 6.09 | 3.35 | 4.10 | -0.662 | 0.08 | 2.10 | 1.41 |
| Psychotic dimesion | 73 | 7.56 | 2.38 | 1.30 | 2.24 | -2.015 | 74 | 7.11 | 2.27 | 0.72 | 2.06 | -2.199 | 0.14 | 0.05 | 1.63 |
| Negative dimension | 73 | 6.79 | 6.17 | 5.16 | 5.35 | -0.247 | 74 | 5.62 | 5.50 | 2.97 | 3.64 | -0.497 | 0.25 | 1.64 | 1.76 |
| Disorganized dimension | 73 | 5.64 | 3.13 | 0.70 | 1.61 | -1.499 | 74 | 6.00 | 3.99 | 0.45 | 1.64 | -1.373 | 0.75 | 1.36 | 0.09 |
| BPRS | 73 | 62.85 | 11.74 | 33.62 | 10.93 | -2.041 | 74 | 60.58 | 14.35 | 30.05 | 8.06 | -2.076 | 0.01 | 1.78 | 0.16 |
| CDSS | 72 | 2.94 | 3.92 | 0.68 | 2.20 | -0.535 | 73 | 2.36 | 3.13 | 0.70 | 2.09 | -0.467 | 0.04 | 0.75 | 0.40 |
| DAS | 64 | 1.38 | 1.40 | 1.38 | 1.23 | 0.000 | 66 | 0.95 | 1.39 | 0.61 | 0.89 | -0.238 | 6.04\* | 1.13 | 0.12 |
| \*Group differences significant at p < 0.05 / \*\*Group differences significant at p < 0.01 | | | | | | | | | | | | | | | |
| Using sex , age and premorbid IQ as covariates, and Bonferroni adjusted. | | | | | |  |  |  |  |  |  |  |  |  |  |
| SAPS=Scale for the Assessment of Positive Symptoms, SANS=Scale for the Assessment of Negative Symptoms, BPRS=Brief Psychiatric Rating Scale, CDSS=Calgary Depression Scale for Schizophrenia, DAS=Disability Assessment Scale | | | | | | | | | | | | | | | |