**Supplementary Material**

**Pearson correlations between cytokines and clinical dimensions / cognitive domains**

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| --- | --- | --- |
|  | **IL-2** (pg/mL) | **IL-1β**(pg/mL) |
|  | SZ (n=73) | SZ (n=73) |
| *Subgroups:* | FEP (n=44) / ECS(n=29) | FEP (n=44) / ECS(n=29) |
| PANSS Total score | **0.345\*\*****0.395\*\*** / NS | **0.375\*\*****0.400\*\*** / NS |
|  Positive  | 0.241\*NS / 0.399\* | 0.251\*NS / **0.501\*\*** |
|  Negative  | 0.268\***0.438\*\*** / NS | **0.337\*\*****0.529\*\*** / NS |
|  Marder Negative Factor | **0.315\*\*****0.426\*\*** / NS | **0.386\*\*****0.514\*\***/ NS |
|  General | **0.315\*\***0.329\* / NS | **0.314\*\***NS / NS |
| CAINS scores |  |  |
|  CAINS - MAP  | **0.341\*\***0.388\* / NS | 0.241\*0.332\* / NS |
|  CAINS - EXP | NS0.308\* / NS | 0.284\***0.497\*\*/** NS |
| CDS score | 0.259\*NS / **0.557\*\*** | NS |
| PSP score | **-0.448\*\*****-0.542\*\*** / NS | **-0.392\*\*****-0.404\*\*** / -0.379\* |
| *MCCB cognitive domains (T-scorea):* |  |
|  Speed of processing | NS-0.357\* / NS | NS |
|  Attention and vigilance | NS | NSNS / 0.470\* |
|  Working memory | NS-0.324\*/ NS | NS-0.347\* / NS |
|  Visual learning | NS**-0.423\*\*** / NS | NS-0.331\* / NS |
|  Social cognition | NS- 0.374\* / NS | NS |

Only correlations with p < 0.05 \* and p < 0.01 \*\* are shown. NS = p ≥ 0.05; FEP, First-episode of psychosis (0-5 years of illness); ECS, Early chronic stage (6-10 years); PANSS, Positive and Negative Syndrome Scale; CAINS, Clinical Assessment Interview for Negative Syndrome; MAP, Motivation and Pleasure; EXP, Expression; CDS, Calgary Depression Scale; PSP, Personal and Social Performance Scale; MCCB, MATRICS Consensus Cognitive Battery. No associations were detected for other cytokines.