**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 | NS  0.308\* / 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 | NS  NS / 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.