

| Measured Factor      | N   | Component 1<br>(Episodic<br>memory) | Component 2<br>(Global<br>Cognition) | Component 3<br>(Executive<br>Functions) | Component 4<br>(Attention) | Component 5<br>(Episodic<br>memory) | Component 6<br>(Depression<br>and Anxiety<br>disorder) |
|----------------------|-----|-------------------------------------|--------------------------------------|-----------------------------------------|----------------------------|-------------------------------------|--------------------------------------------------------|
| MIP-1 (CCL3)         | 106 | 0,107 (0.276)                       | 0,013 (0.892)                        | 0,048 (0.64)                            | -0,061 (0.535)             | -0,060 (0.538)                      | 0,002 (0.983)                                          |
| SDF-1 (CXCL12)       | 117 | 0,028 (0.763)                       | -0,053 (0.571)                       | 0,106 (0.254)                           | -0,148 (0.112)             | -0,008 (0.931)                      | 0,072 (0.440)                                          |
| Fractalkine (CX3CL1) | 104 | 0,008 (0.932)                       | -0,016 (0.875)                       | -0,157 (0.111)                          | <b>-0,318 (0.001)</b>      | -0,034 (0.735)                      | -0,115 (0.247)                                         |
| Eotaxine (CCL11)     | 120 | 0,032 (0.729)                       | -0,032 (0.726)                       | <b>-0,226 (0.013)</b>                   | -0,064 (0.486)             | -0,060 (0.516)                      | 0,022 (0.814)                                          |
| BDNF                 | 105 | 0,117 (0.233)                       | 0,050 (0.611)                        | <b>-0,213 (0.029)</b>                   | -0,024 (0.806)             | -0,157 (0.109)                      | -0,149 (0.129)                                         |
| VEGF                 | 108 | 0,050 (0.606)                       | 0,011 (0.910)                        | <b>-0,241 (0.012)</b>                   | <b>-0,203 (0.035)</b>      | -0,131 (0.178)                      | -0,031 (0.754)                                         |
| MCP-1 (CCL2)         | 116 | -0,005 (0.960)                      | -0,077 (0.412)                       | -0,174 (0.062)                          | -0,102 (0.277)             | 0,017 (0.855)                       | -0,128 (0.169)                                         |
| NFL                  | 58  | <b>-0,310 (0.018)</b>               | <b>-0.297 (0.024)</b>                | <b>-0,417 (0.001)</b>                   | 0,101 (0.452)              | -0,049 (0.717)                      | -0,079 (0.554)                                         |

Table 3. Bivariate correlation between identified components and chemokine levels. In all cases we expressed Spearson's Rho (p).