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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Supplementary Table 4. Partial correlations between inflammation and cortical thickness in BDII-D** | | | | | | | | | |
| **inflammatory cytokines** | | **lh caudal middle frontal thickness** | **lh inferior temporal thickness** | **lh lateral orbito frontal thickness** | **lh rostral middle frontal thickness** | **rh postcentral thickness** | **rh superior frontal thickness** | **rh rostral middle frontal thickness** | **rh caudal middle frontal thickness** |
| **IL-1β** | Correlation r | -0.02 | -0.103 | -0.082 | 0.115 | -0.025 | -0.076 | -0.067 | -0.115 |
| Significance p-value(uncorr) | 0.815 | 0.216 | 0.327 | 0.166 | 0.764 | 0.365 | 0.419 | 0.168 |
| **TNF-α** | Correlation r | 0.122 | -0.121 | -0.097 | -0.011 | 0.074 | 0.015 | 0.039 | 0.078 |
| Significance p-value(uncorr) | 0.143 | 0.145 | 0.244 | 0.895 | 0.372 | 0.861 | 0.644 | 0.352 |
| **IL-6** | Correlation r | 0.048 | -0.093 | **-0.18** | 0.017 | -0.003 | -0.001 | -0.09 | 0.006 |
| Significance p-value(uncorr) | 0.567 | 0.265 | **0.038** | 0.837 | 0.976 | 0.987 | 0.278 | 0.942 |
| **CRP** | Correlation r | 0.088 | -0.077 | -0.155 | **-0.183** | -0.091 | -0.05 | -0.077 | -0.08 |
| Significance p-value(uncorr) | 0.291 | 0.354 | 0.062 | **0.027** | 0.277 | 0.546 | 0.356 | 0.336 |
| **WBC** | Correlation r | -0.08 | -0.035 | **-0.173** | -0.153 | 0.108 | -0.13 | **-0.198** | -0.133 |
| Significance p-value(uncorr) | 0.339 | 0.674 | **0.017** | 0.065 | 0.193 | 0.117 | **0.029** | 0.11 |
| **NTL ratio** | Correlation r | -0.028 | 0.079 | -0.059 | -0.043 | -0.105 | -0.064 | 0.058 | -0.033 |
| Significance p-value(uncorr) | 0.736 | 0.343 | 0.482 | 0.61 | 0.207 | 0.44 | 0.487 | 0.696 |
| **MTL ratio** | Correlation r | 0.033 | 0.088 | -0.032 | -0.012 | -0.024 | 0.061 | 0.072 | 0.004 |
| Significance p-value(uncorr) | 0.692 | 0.289 | 0.704 | 0.884 | 0.774 | 0.467 | 0.389 | 0.966 |
| **PTL ratio** | Correlation r | 0.117 | 0.042 | 0.14 | 0.034 | -0.025 | 0.105 | 0.207 | -0.031 |
| Significance p-value(uncorr) | 0.159 | 0.619 | 0.091 | 0.684 | 0.766 | 0.208 | 0.052 | 0.706 |
| Abbreviations: BDII-D-bipolar II depression; IL-interleukin; CRP-C-reactive protein; WBC-white blood cells; TNF-Tumor necrosis factor;  NTL-Neutrophil-to-Lymphocyte; MTL-Monocyte-to-Lymphocyte; PTL-Platelet-to-Lymphocyte. The correlations were controlled education & gender & age & medication | | | | | | | | | |