|  |
| --- |
| **Supplementary Table 2.** Baseline levels of and follow-up changes in serum cytokine concentrations by dementia diagnosis. Data are median (IQR). |
|  | No dementia(N=473) |  Incident AD(N=34) |  Incident Vascular dementia (N=7) | P-valuesa | P-valuesb |
| **Baseline values** |  |  |  |  |  |
| Tumor necrosis factor- α | 40.3 (32.5-48.5) | 39.6 (30.8-47.8) |  44.1 (33.8-59.6) | 0.583 | 0.298 |
| Interleukin-1α | 12.1 (11.1-12.9) | 11.7 (11.7-13.3) | 14.3 (12.1-20.9) | 0.452 | 0.082 |
| Interleukin-1β | 9.5 (8.9-10.5) | 9.2 (8.4.-10.0) |  9.3 (9.3-11.7) | 0.284 | 0.357 |
| Interleukin-6 | 20.0 (18.0-22.3) | 19.5 (18.8-25.4) | 24.0 (21.3-34.8) | 0.930 | 0.017 |
| Interleukin-8 | 40.4 (37.3-43.5) | 47.0 (43.2-51.6) |  53.5 (42.2-80.0) | 0.005 | 0.157 |
| **Changed values** |  |  |  |  |  |
| Tumor necrosis factor- α | +1.2 (1.0-1.4) | 4.5 (-3.8-8-8) |  4.5 (0.7-4.5) | 0.014 | 0.328 |
| Interleukin-1α | +0.3 (0.3-1.9) | 1.8 (1.2-2.3) | 1.8 (-3.7-1.8) | **<0.001** | 0.773 |
| Interleukin-1β | +0.6 (0.6-0.7) | 2.1 (0.6.-3.1) |  1.9 (-1.1-3.2) | **<0.001** | 0.490 |
| Interleukin-6 | +0.6 (0.6-3.3) | 4.6 (0.8-5.6) | 2.4 (-9.4-7.4) | **0.003** | 0.854 |
| Interleukin-8 | +0.3 (0.0-0.6) | 2.9 (-2.8-7.6) |  7.2 (-13.1-7.2) | 0.073 | 0.667 |

ap-value for no dementia versus incident AD using Mann whitney test. bp-value no dementia versus Incident Vascular dementia using Mann whitney test.

Bold character denotes statistical significance after Bonferroni correction