|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Supplementary Table 2:**  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **Category** | **Cytokine** | **Estimate** | **Lower 0.025** | **Upper 0.025** |  **p-value** | **q-value** |
| quick DASH Score | Il-17A | 6.25 | 1.927 | 10.573 | 0.005180539 | 0.134694023 |
|   | Il-10 | 4.689 | 0.323 | 9.055 | 0.035666024 | 0.3189389 |
|   | Il-13 | 4.971 | 0.313 | 9.629 | 0.036800642 | 0.3189389 |
|   | Il-1B | 4.36 | -0.055 | 8.775 | 0.052863212 | 0.343610878 |
|   | Il-2 | 4.089 | -0.487 | 8.664 | 0.079081806 | 0.356671804 |
|   | G-CSF | 3.868 | -0.634 | 8.369 | 0.091088836 | 0.356671804 |
|  |  |  |  |  |  |  |
| VAS Score | Il-12p70 | -5.521 | -9.94 | -1.102 | 0.015050274 | 0.227957123 |
|   | G-CSF | -4.975 | -9.194 | -0.756 | 0.021486884 | 0.227957123 |
|   | Il-6 | -5.042 | -9.49 | -0.594 | 0.026859282 | 0.227957123 |
|   | IP-10 | 5.166 | 0.372 | 9.961 | 0.035070327 | 0.227957123 |
|   | Il-13 | -4.201 | -8.667 | 0.265 | 0.064801585 | 0.29137552 |
|   | Il-17A | -3.979 | -8.247 | 0.29 | 0.067240505 | 0.29137552 |
|  |  |  |  |  |  |  |
| TASD Overall Score | Il-17A | 4.659 | 0.607 | 8.712 | 0.024820785 | 0.376389508 |
|   | Il-10 | 4.239 | 0.217 | 8.26 | 0.039128068 | 0.376389508 |
|   | Eotaxin | 4.151 | -0.111 | 8.412 | 0.056114438 | 0.376389508 |
|   | G-CSF | 3.877 | -0.25 | 8.003 | 0.065164364 | 0.376389508 |
|   | Il-1B | 3.708 | -0.37 | 7.786 | 0.074089588 | 0.376389508 |
|   | Il-9 | -3.576 | -7.682 | 0.53 | 0.086859117 | 0.376389508 |
|  |  |  |  |  |  |  |
| TASD Symptom Score | Eotaxin | 5.34 | 1.157 | 9.524 | 0.013049755 | 0.241984781 |
|   | Il-17A | 4.624 | 0.576 | 8.672 | 0.025718447 | 0.241984781 |
|   | Il-10 | 4.501 | 0.502 | 8.501 | 0.027921321 | 0.241984781 |
|   | Il-9 | -3.864 | -7.949 | 0.221 | 0.063411191 | 0.311751182 |
|   | IL-1B | 3.796 | -0.271 | 7.863 | 0.066880502 | 0.311751182 |
|   | G-CSF | 3.779 | -0.345 | 7.903 | 0.07194258 | 0.311751182 |
|  |  |  |  |  |  |  |
| TASD Subscale Disability | IL-17A | 4.709 | -0.12 | 9.537 | 0.055801175 | 0.650035405 |
|   | G-CSF | 4.014 | -0.883 | 8.911 | 0.1066688 | 0.650035405 |
|   | Il-10 | 3.871 | -0.931 | 8.674 | 0.112530691 | 0.650035405 |
|   | Il-1B | 3.585 | -1.263 | 8.433 | 0.144927149 | 0.650035405 |
|   | Il-13 | 3.503 | -1.644 | 8.649 | 0.179221712 | 0.650035405 |
|   | RANTES | -3.278 | -8.14 | 1.584 | 0.183340993 | 0.650035405 |