**Supplemental Table 3: Density counts of immune response markers by features by histologic type adjusted for age, sex, race, and batch and p-values for contrasts**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Histology\*** | **CD4** | **Th17 (CD4+RORC+)** | **IFN-**𝛾 | **IL-17A** | **IL-6** | **Mast Cells (CD117)** | **NK Ligand (MICA/B)** |
|  Serrated Lesion (n = 7) | 151 (66-346) | 65 (28-151) | 2397 (1045-5497) | 442 (206-947) | 944 (544-1638) | 74 (34-162) | 3712 (1736-7936) |
|  Tubular Adenoma (n = 21) | 90 (54-151) | 73 (44-123) | 2016 (1284-3166) | 284 (194-415) | 1222 (892-1673) | 85 (55-132) | 1636 (1051-2547) |
|  Tubulovillous Adenoma (n = 37) | 94 (66-134) | 77 (54-111) | 1552 (1132-2127) | 282 (215-372) | 848 (681-1056) | 54 (40-73) | 1614 (1188-2194) |
|  Villous Adenoma (n = 35) | 113 (78-164) | 95 (65-139) | 1239 (880-1746) | 177 (132-237) | 605 (477-768) | 34 (25-48) | 1481 (1053-2082) |
|  |  |  |  |  |  |  |  |
|  Serrated vs TA | 0.3131 | 0.8085 | 0.73 | 0.3181 | 0.4386 | 0.7653 | 0.0757 |
|  Serrated vs TVA | 0.296 | 0.7052 | 0.3287 | 0.2812 | 0.7228 | 0.4531 | **0.045** |
|  Serrated vs VA | 0.539 | 0.427 | 0.1564 | **0.031** | 0.153 | 0.0878 | **0.0314** |
|  TA vs TVA | 0.9043 | 0.8758 | 0.3635 | 0.9839 | 0.0629 | 0.0975 | 0.9623 |
|  TA vs VA | 0.494 | 0.4298 | 0.0835 | 0.0551 | **0.0004** | **0.0013** | 0.727 |
|  TVA vs VA | 0.484 | 0.4397 | 0.3533 | **0.0214** | **0.0433** | **0.0472** | 0.7133 |

\* DCs adjusted for age, sex, race, and batch. P-values for each comparison of means were determined from Wald tests. P-values associated with specific comparisons include serrated vs. TA, TVA, VA; TA vs. TVA, VA, and TVA vs. VA. Significant p-value are bolded.