***Supplementary Table 4: Comparison of AE between IOL calculation formulas using the Wilcoxon test (p-value) per stage***

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | *Stage* | SRK-T | Barrett Universal II | Barrett True-K predicted | Barrett True-K measured | Kane | Kane keratoconus |
| **SRK-T** | **Total** | - | 0.029 | 0.037 | 0.147 | 0.011 | 0.723 |
| **I** | - | 0.223 | 0.177 | 0.906 | 0.307 | 0.302 |
| **II** | - | 0.061 | 0.679 | 0.449 | 0.035 | 0.925 |
| **III** | - | 0.465 | 0.068 | 0.068 | 0.068 | 0.068 |
| **Barrett Universal II** | **Total** |  | - | <0.001\* | <0.001\* | 0.791 | 0.045 |
| **I** |  | - | 0.014 | 0.278 | 0.706 | 0.706 |
| **II** |  | - | 0.003\* | 0.001\* | 0.407 | 0.107 |
| **III** |  | - | 0.68 | 0.68 | 0.144 | 0.144 |
| **Barrett True-K predicted** | **Total** |  |  | - | 0.887 | <0.001\* | 0.087 |
| **I** |  |  | - | 0.330 | 0.020 | 0.020 |
| **II** |  |  | - | 0.352 | 0.004\* | 0.795 |
| **III** |  |  | - | 0.465 | 0.68 | 0.465 |
| **Barrett True-K measured** | **Total** |  |  |  | - | <0.001\* | 0.166 |
| **I** |  |  |  | - | 0.311 | 0.311 |
| **II** |  |  |  | - | 0.001\* | 0.368 |
| **III** |  |  |  | - | 0.68 | 0.465 |
| **Kane** | **Total** |  |  |  |  | - | 0.058 |
| **I** |  |  |  |  | - | 0.054 |
| **II** |  |  |  |  | - | 0.088 |
| **III** |  |  |  |  | - | 0.68 |
| \*Significant after Holm-Bonferroni correction | | | | | | | |