|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Kruskal-Wallis rank sum test | | |  |  |  |  |  |  |  |  |
| Kruskal-Wallis chi-squared = 21.8673 , df = 10, p-value = 0 | | | | |  |  |  |  |  |  |
| Comparison of x by group | |  |  |  |  |  |  |  |  |  |
| (Benjamini-Hochberg) | |  |  |  |  |  |  |  |  |  |
|  | 2022-08 | 2022-09 | 2022-10 | 2022-11 | 2022-12 | 2023-01 | 2023-02 | 2023-03 | 2023-04 | 2023-05 |
| 2022-09 | 0.376983 |  |  |  |  |  |  |  |  |  |
|  | 0.4225 |  |  |  |  |  |  |  |  |  |
| 2022-10 | 1.268366 | 1.322134 |  |  |  |  |  |  |  |  |
|  | 0.1893 | 0.1846 |  |  |  |  |  |  |  |  |
| 2022-11 | 2.762868 | 3.538838 | 2.216703 |  |  |  |  |  |  |  |
|  | 0.0084\* | 0.0013\* | 0.0321 |  |  |  |  |  |  |  |
| 2022-12 | 3.647254 | 4.850595 | 3.528460 | 1.311757 |  |  |  |  |  |  |
|  | 0.0010\* | 0.0000\* | 0.0012\* | 0.1815 |  |  |  |  |  |  |
| 2023-01 | 3.493326 | 4.622283 | 3.300148 | 1.083444 | -0.228312 |  |  |  |  |  |
|  | 0.0013\* | 0.0001\* | 0.0022\* | 0.2335 | 0.4420 |  |  |  |  |  |
| 2023-02 | 4.104840 | 5.529305 | 4.207170 | 1.990466 | 0.678709 | 0.907021 |  |  |  |  |
|  | 0.0003\* | 0.0000\* | 0.0002\* | 0.0530 | 0.3514 | 0.2958 |  |  |  |  |
| 2023-03 | 3.112704 | 4.057729 | 2.735594 | 0.518891 | -0.792865 | -0.564553 | -1.471575 |  |  |  |
|  | 0.0033\* | 0.0002\* | 0.0083\* | 0.3778 | 0.3277 | 0.3844 | 0.1513 |  |  |  |
| 2023-04 | 3.303015 | 4.340006 | 3.017871 | 0.801168 | -0.510589 | -0.282276 | -1.189298 | 0.282276 |  |  |
|  | 0.0023\* | 0.0002\* | 0.0043\* | 0.3333 | 0.3730 | 0.4367 | 0.2028 | 0.4458 |  |  |
| 2023-05 | 3.265233 | 4.283966 | 2.961831 | 0.745127 | -0.566629 | -0.338317 | -1.245339 | 0.226236 | -0.056040 |  |
|  | 0.0023\* | 0.0002\* | 0.0048\* | 0.3309 | 0.3931 | 0.4304 | 0.1905 | 0.4343 | 0.4865 |  |
| 2023-06 | 3.121100 | 4.070183 | 2.748048 | 0.531344 | -0.780412 | -0.552100 | -1.459122 | 0.012453 | -0.269823 | -0.213783 |
|  | 0.0034\* | 0.0003\* | 0.0083\* | 0.3811 | 0.3243 | 0.3808 | 0.1492 | 0.4950 | 0.4332 | 0.4312 |
| alpha = 0.05 |  |  |  |  |  |  |  |  |  |  |
| Reject Ho if p <= alpha/2 | |  |  |  |  |  |  |  |  |  |