Table 1: Taubert Data combined - RNA viruses (Hunter): E-values for each group

| group | median | Q1 | Q3 | mean | sd | min | max |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Totiviridae | 4.13727247 | 3.49783931 | 4.41341270 | 3.80701717 | 1.29730163 | 1.00436481 | 5.65560773 |
| Tombusviridae | 3.69464863 | 3.11690664 | 4.55129368 | 3.80620985 | 0.71989992 | 3.11690664 | 4.55129368 |
| Hepeviridae | 3.46405900 | 2.08151450 | 4.84660349 | 3.46405900 | 3.91042635 | 0.69897000 | 6.22914799 |
| Potyviridae | 3.17300805 | 1.86292501 | 4.48309109 | 3.17300805 | 3.70547440 | 0.55284197 | 5.79317412 |
| Flaviviridae | 2.13562026 | 0.62646135 | 4.51676295 | 2.49982128 | 2.14221743 | 0.27572413 | 5.10347378 |
| Tymoviridae | 1.37675071 | 1.37675071 | 1.37675071 | 1.37675071 | NA | 1.37675071 | 1.37675071 |
| Polymycoviridae | 1.03786036 | 0.79535116 | 1.28036955 | 1.03786036 | 0.68591958 | 0.55284197 | 1.52287875 |
| Betaflexiviridae | 0.75022519 | 0.37563258 | 1.09422946 | 0.71963685 | 0.43908015 | 0.27572413 | 1.10237291 |
| Amalgaviridae | 0.72124640 | 0.72124640 | 0.72124640 | 0.72124640 | NA | 0.72124640 | 0.72124640 |
| Botourmiaviridae | 0.69897000 | 0.62646135 | 1.52422750 | 1.45171885 | 1.70434697 | 0.40893539 | 4.00000000 |
| Arenaviridae | 0.68837535 | 0.62060866 | 0.75614205 | 0.68837535 | 0.19167315 | 0.55284197 | 0.82390874 |
| unclassified | 0.68837535 | 0.28205060 | 3.30980392 | 1.63551342 | 1.61228326 | 0.00000000 | 4.82681373 |
| Caulimoviridae | 0.55284197 | 0.55284197 | 0.55284197 | 0.55284197 | NA | 0.55284197 | 0.55284197 |
| Phenuiviridae | 0.55284197 | 0.55284197 | 0.55284197 | 0.55284197 | 0.00000000 | 0.55284197 | 0.55284197 |
| Chrysoviridae | 0.48088868 | 0.34087083 | 0.72566276 | 0.58564491 | 0.47168866 | 0.13667714 | 1.24412514 |
| Paramyxoviridae | 0.48088868 | 0.44491204 | 0.51686532 | 0.48088868 | 0.10175732 | 0.40893539 | 0.55284197 |
| Picornaviridae | 0.48088868 | 0.31673232 | 0.60701925 | 0.54005963 | 0.46555216 | 0.00000000 | 1.52287875 |
| Endornaviridae | 0.47930366 | 0.23965183 | 0.71895549 | 0.47930366 | 0.67783773 | 0.00000000 | 0.95860731 |
| Caliciviridae | 0.40893539 | 0.40893539 | 0.40893539 | 0.40893539 | NA | 0.40893539 | 0.40893539 |
| Matonaviridae | 0.40893539 | 0.40893539 | 0.40893539 | 0.40893539 | NA | 0.40893539 | 0.40893539 |
| Peribunyaviridae | 0.40893539 | 0.40893539 | 0.40893539 | 0.40893539 | NA | 0.40893539 | 0.40893539 |
| Virgaviridae | 0.40893539 | 0.40893539 | 0.40893539 | 0.40893539 | NA | 0.40893539 | 0.40893539 |
| unclassified Kitrinoviricota | 0.40893539 | 0.40893539 | 0.40893539 | 0.40893539 | NA | 0.40893539 | 0.40893539 |
| Bornaviridae | 0.34232976 | 0.30902695 | 0.37563258 | 0.34232976 | 0.09419459 | 0.27572413 | 0.40893539 |
| Sedoreoviridae | 0.27572413 | 0.27572413 | 0.27572413 | 0.27572413 | NA | 0.27572413 | 0.27572413 |
| Togaviridae | 0.27572413 | 0.27572413 | 0.27572413 | 0.27572413 | NA | 0.27572413 | 0.27572413 |
| Retroviridae | 0.19149983 | 0.11385600 | 0.26914366 | 0.19149983 | 0.21960991 | 0.03621217 | 0.34678749 |
| Alphaflexiviridae | 0.13667714 | 0.13667714 | 0.13667714 | 0.13667714 | NA | 0.13667714 | 0.13667714 |
| Mymonaviridae | 0.13667714 | 0.13667714 | 0.13667714 | 0.13667714 | NA | 0.13667714 | 0.13667714 |
| Nyamiviridae | 0.13667714 | 0.13667714 | 0.13667714 | 0.13667714 | NA | 0.13667714 | 0.13667714 |
| Partitiviridae | 0.13667714 | 0.13667714 | 0.13667714 | 0.13667714 | NA | 0.13667714 | 0.13667714 |
| Rhabdoviridae | 0.13667714 | 0.13667714 | 0.13667714 | 0.13667714 | NA | 0.13667714 | 0.13667714 |
| Secoviridae | 0.03151705 | 0.03151705 | 0.03151705 | 0.03151705 | NA | 0.03151705 | 0.03151705 |