### Supplementary Table 4

|  |  |
| --- | --- |
| **protein** | **p-value** |
| **PB2** |  |
| **PB1** |  |
| **PA** |  |
| **HA1** |  |
| **HA2** |  |
| **NP** |  |
| **NA** |  |
| **M1** |  |
| **M2** |  |
| **NS1** |  |
| **NS2** |  |

Table S4: Kolmogorov–Smirnov-test.

We applied the Kolmogorov–Smirnov-test (KS-test; distribution of pH1N1 protein is smaller than distribution of H3N2 protein) to all proteins individually and showed that the global distributions of pH1N1 proteins were significantly larger than those of H3N2 proteins, except for HA2, NS1 and M2.