Serological and molecular screening of arenaviruses in suspected tick-borne encephalitis cases in Finland

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**Supplementary Material**

Supplementary table: Statistical tests for the age and seroprevalence distribution between the regions and individuals.

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| **Is Age normally distributed** | | |
| Shapiro-wilk test | Statistic | 0.961 |
| Sig.\* | <0.001 |
| N | 867 |
| **Is age similar in different regions** | | |
| Independent-Samples Kruskal-Wallis test | N | 867 |
| Adj. Sig | 19.884 |
| Test statistic | <0.001 |
| Pairwise comparison (adj. Sig/std. test statistic) | North-South | 1.000/-1.183 |
| North-Åland | 1.000/-1.229 |
| North-West | 0.539/-1.928 |
| North-East | 0.001/4.000 |
| South-Åland | 1.000/-0.506 |
| South-West | 1.000/-1.361 |
| South-East | 0.001/3.803 |
| Åland-West | 1.000/0.736 |
| Åland-East | 0.342/1.089 |
| West-East | 1.000/1.089 |
| **Is there a difference in age between seropositive and negative individuals** | | |
| Independent-Samples Mann-Whitney U-test | N | 867 |
| Stand. test statistic | -0.731 |
| Exact Sig. | 0.465 |
| **Is the seroprevalence the same in different locations** | | |
| Fisher-Freeman-Halton exact test | Value | 7.851 |
| Exact Sig. | 0.080 |
| \*All p-values are two-sided | | |