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  |