

Appendix Table 1. Associations of potential predictors with Rift Valley fever virus seropositivity*

| Variable | Test statistic | p value‡ | Odds ratio |
|------------------------------------|--------------------------------|----------|------------|
| Age (continuous) | 6.184 (Mean difference = 22.6) | | 0.0001 |
| Age (>15 y vs. 1–14 y) | 18.772 | 0.0001 | 8.032 |
| Location (Gumarey vs. Sogan-Godud) | 10.747 | 0.001 | 3.8 |
| Gender (Male vs. female) | 6.546 | 0.011 | 2.59 |
| Home flooded | 5.105 | | 0.024 |
| Displacement by flood | 2.696 | | 0.101 |
| Contact with dead human body | 36.97 | | 0.0001 |
| Use of mosquito nets | 2.655 | | 0.103 |
| Use of fire | 0.038 | | 0.864 |
| Mosquito coils | 3.6 | 0.058 | 0.392 |
| Recent mosquito bite | 0.038 | | 0.538 |
| Recent illness | 3.045 | | 0.081 |
| Ill family member | 0.154 | | 0.43 |
| Sheep contact | 2.22 | | 0.136 |
| Goat contact | 2.39 | | 0.122 |
| Camel contact | 4.75 | | 0.029 |
| Cattle contact | 6.288 | | 0.012 |
| Sheltering | 8.623 | | 0.003 |
| Slaughtering | 3.11 | | 0.078 |
| Butchering | 23.817 | | 0.0001 |
| Skinning | 15.237 | | 0.0001 |
| Cooking | 7.878 | | 0.005 |
| Milking | 16.64 | | 0.0001 |
| Birthing livestock | 32.447 | | 0.0001 |
| Disposal of animal fetus | 28.303 | | 0.0001 |
| Drinking raw animal milk | 3.077 | | 0.079 |

*All variables were dichotomous except age (continuous).

†Pearson χ^2 test with Yates continuity correction was used for all variables except age (continuous), which used independent samples 2-tailed *t* test.

‡ $p < 0.05$ was statistically significant.