**Supplementary Material, Table 3**: Results of the ordinal model of breakdown duration (untransformed model coefficients).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Random effects | |  |  |  |
| Groups |  | **Variance** | **Std.Dev.** |  |
| herd\_id |  | 0.338 | 0.581 |  |
| dvo |  | 0.103 | 0.320 |  |
| year |  | 0.101 | 0.318 |  |
|  | | | | |
|  |  |  |  |  |
|  | |  |  |  |
| Fixed Effects | **Estimate** | **Std. Error** | **z value** | **p** |
| log(herd\_size) | 0.230 | 0.024 | 9.549 | <0.001 |
| log(outbreak\_reactors) | 0.295 | 0.033 | 9.019 | <0.001 |
| log(mean\_patch\_prev) | 0.179 | 0.071 | 2.517 | 0.012 |
| log(MLVA\_Richness) | 1.954 | 0.079 | 24.690 | <0.001 |
| LRS\_binary1 | 0.581 | 0.060 | 9.677 | <0.001 |
| associated\_herds\_binary1 | 0.401 | 0.062 | 6.526 | <0.001 |