|  | Model 1 | Model 2 | Model 3 |
| --- | --- | --- | --- |
| (Intercept) | -1.495 | -2.469 | 9.662\*\*\* |
|  | (5.622) | (5.674) | (0.645) |
| PC1 | 0.122 |  | 0.514\* |
|  | (0.236) |  | (0.253) |
| PC2 | -0.707\* |  | -1.274\*\*\* |
|  | (0.302) |  | (0.372) |
| current\_infectionE. ferrisi | -1.399 | -1.367 |  |
|  | (1.737) | (1.768) |  |
| current\_infectionE. falciformis | 1.378 | 1.297 |  |
|  | (1.603) | (1.628) |  |
| delta\_ct\_cewe\_MminusE | 0.631\*\*\* | 0.651\*\*\* |  |
|  | (0.129) | (0.131) |  |
| mouse\_strainSTRA STRA | -0.309 | -0.451 |  |
|  | (3.704) | (3.644) |  |
| mouse\_strainPWD BUSNA | 3.955 | 3.914 |  |
|  | (4.018) | (4.089) |  |
| mouse\_strainSTRA BUSNA | 1.344 | 1.737 |  |
|  | (3.840) | (3.844) |  |
| mouse\_strainBUSNA PWD | 2.962 | 3.141 |  |
|  | (4.764) | (4.846) |  |
| mouse\_strainBUSNA STRA | 3.136 | 4.132 |  |
|  | (3.686) | (3.655) |  |
| mouse\_strainPWD SCHUNT | 2.430 | 2.622 |  |
|  | (4.044) | (4.113) |  |
| mouse\_strainBUSNA BUSNA | 2.820 | 3.112 |  |
|  | (3.777) | (3.835) |  |
| mouse\_strainSTRA SCHUNT | 3.609 | 3.705 |  |
|  | (3.828) | (3.853) |  |
| mouse\_strainNMRI | -3.627 | -3.961 |  |
|  | (4.988) | (4.582) |  |
| mouse\_strainSCHUNT SCHUNT | 5.492+ | 6.574\* |  |
|  | (2.964) | (2.917) |  |
| mouse\_strainSCHUNT STRA | 8.013+ | 9.023\* |  |
|  | (4.148) | (4.148) |  |
| mouse\_strainPWD PWD | 8.776\*\* | 10.551\*\*\* |  |
|  | (3.068) | (3.028) |  |
| immunizationheterologous | 3.736 | 2.973 |  |
|  | (4.152) | (4.192) |  |
| immunizationhomologous | 2.781 | 2.039 |  |
|  | (4.023) | (4.052) |  |
| immunizationnaive | 3.132 | 2.214 |  |
|  | (4.206) | (4.227) |  |
| immunizationuninfected | 0.392 | -0.264 |  |
|  | (3.984) | (4.026) |  |
| weight\_dpi0 | 0.304\* | 0.345\*\* |  |
|  | (0.132) | (0.127) |  |
| Num.Obs. | 128 | 128 | 136 |
| R2 | 0.631 | 0.611 | 0.106 |
| R2 Adj. | 0.554 | 0.538 | 0.093 |
| AIC | 809.8 | 812.8 | 939.9 |
| BIC | 878.3 | 875.5 | 951.5 |
| Log.Lik. | -380.921 | -384.381 | -465.941 |
| F | 8.165 | 8.390 | 7.919 |
| RMSE | 4.74 | 4.87 | 7.44 |
| + p < 0.1, \* p < 0.05, \*\* p < 0.01, \*\*\* p < 0.001 | | | |