|  | Model 1 | Model 2 | Model 3 |
| --- | --- | --- | --- |
| (Intercept) | -5.123 | -6.429 | 9.662\*\*\* |
|  | (7.879) | (7.495) | (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\_strainBUSNA\_BUSNA | 6.447 | 7.072 |  |
|  | (5.161) | (4.655) |  |
| mouse\_strainBUSNA\_PWD | 6.590 | 7.101 |  |
|  | (5.956) | (5.598) |  |
| mouse\_strainBUSNA\_STRA | 6.763 | 8.093+ |  |
|  | (4.305) | (4.098) |  |
| mouse\_strainPWD\_BUSNA | 7.582 | 7.874 |  |
|  | (5.302) | (4.946) |  |
| mouse\_strainPWD\_PWD | 12.404\* | 14.511\*\* |  |
|  | (4.801) | (4.350) |  |
| mouse\_strainPWD\_SCHUNT | 6.057 | 6.582 |  |
|  | (5.183) | (4.860) |  |
| mouse\_strainSCHUNT\_PWD | 3.627 | 3.961 |  |
|  | (4.988) | (4.582) |  |
| mouse\_strainSCHUNT\_SCHUNT | 9.120\* | 10.535\*\* |  |
|  | (4.145) | (3.873) |  |
| mouse\_strainSCHUNT\_STRA | 11.640\* | 12.984\*\* |  |
|  | (4.722) | (4.522) |  |
| mouse\_strainSTRA\_BUSNA | 4.971 | 5.697 |  |
|  | (4.631) | (4.460) |  |
| mouse\_strainSTRA\_SCHUNT | 7.236 | 7.665+ |  |
|  | (4.694) | (4.495) |  |
| mouse\_strainSTRA\_STRA | 3.318 | 3.510 |  |
|  | (3.683) | (3.544) |  |
| 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 | | | |