|  | Model 1 | Model 2 | Model 3 |
| --- | --- | --- | --- |
| (Intercept) | 5.086 | 3.595 | 9.662\*\*\* |
|  | (3.944) | (3.964) | (0.645) |
| PC1 | 0.124 |  | 0.514\* |
|  | (0.234) |  | (0.253) |
| PC2 | -0.705\* |  | -1.274\*\*\* |
|  | (0.300) |  | (0.372) |
| current\_infectionE. ferrisi | -1.414 | -1.357 |  |
|  | (1.723) | (1.753) |  |
| current\_infectionE. falciformis | 1.365 | 1.307 |  |
|  | (1.590) | (1.614) |  |
| delta\_ct\_cewe\_MminusE | 0.632\*\*\* | 0.651\*\*\* |  |
|  | (0.128) | (0.130) |  |
| mouse\_strainBUSNA\_PWD | 0.143 | 0.029 |  |
|  | (4.619) | (4.700) |  |
| mouse\_strainBUSNA\_STRA | 0.338 | 1.013 |  |
|  | (3.705) | (3.637) |  |
| mouse\_strainNMRI | -6.435 | -7.066 |  |
|  | (5.136) | (4.632) |  |
| mouse\_strainPWD\_BUSNA | 1.145 | 0.797 |  |
|  | (4.035) | (4.096) |  |
| mouse\_strainPWD\_PWD | 5.962+ | 7.440\* |  |
|  | (3.026) | (2.994) |  |
| mouse\_strainPWD\_SCHUNT | -0.387 | -0.490 |  |
|  | (4.013) | (4.067) |  |
| mouse\_strainSCHUNT\_PWD | -2.810 | -3.117 |  |
|  | (3.758) | (3.816) |  |
| mouse\_strainSCHUNT\_SCHUNT | 2.684 | 3.462 |  |
|  | (2.949) | (2.861) |  |
| mouse\_strainSCHUNT\_STRA | 5.206 | 5.909 |  |
|  | (4.135) | (4.105) |  |
| mouse\_strainSTRA\_BUSNA | -1.456 | -1.383 |  |
|  | (3.849) | (3.812) |  |
| mouse\_strainSTRA\_SCHUNT | 0.807 | 0.585 |  |
|  | (3.827) | (3.812) |  |
| mouse\_strainSTRA\_STRA | -3.101 | -3.574 |  |
|  | (3.794) | (3.674) |  |
| immunizationhomologous | -0.954 | -0.935 |  |
|  | (1.416) | (1.439) |  |
| immunizationnaive | -0.596 | -0.765 |  |
|  | (1.789) | (1.815) |  |
| immunizationuninfected | -3.366+ | -3.222+ |  |
|  | (1.765) | (1.795) |  |
| weight\_dpi0 | 0.303\* | 0.345\*\* |  |
|  | (0.131) | (0.126) |  |
| Num.Obs. | 128 | 128 | 136 |
| R2 | 0.631 | 0.611 | 0.106 |
| R2 Adj. | 0.558 | 0.542 | 0.093 |
| AIC | 807.9 | 810.8 | 939.9 |
| BIC | 873.5 | 870.7 | 951.5 |
| Log.Lik. | -380.927 | -384.384 | -465.941 |
| F | 8.634 | 8.913 | 7.919 |
| RMSE | 4.74 | 4.87 | 7.44 |
| + p < 0.1, \* p < 0.05, \*\* p < 0.01, \*\*\* p < 0.001 | | | |