|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Model | Effect tested | AIC | LRT | P |
| (B) Incubation Period (DPF) |  |  |  |  |
| **t + pop + t x pop + sire + dam + sib** |  | 105,182 |  |  |
| t + pop + sire + dam + sib | t x pop | 107,659 | 2,495.10 | < 0.001 |
| pop + sire + dam + sib | t | 142,298 | 34,645.00 | < 0.001 |
| t + sire + dam + sib | pop | 122,923 | 15.27 | < 0.001 |
| t + pop + t x pop + dam + sib | sire | 105,183 | 3.15 | 0.076 |
| t + pop + t x pop + sire + sib | dam | 105,218 | 38.01 | < 0.001 |
| t + pop + t x pop + sire + dam | sib | 105,226 | 46.08 | < 0.001 |
|  |  |  |  |  |
| (C) Incubation Period (ADD) |  |  |  |  |
| t + pop + t x pop + sire + dam + sib |  |  |  |  |
| t + pop + sire + dam + sib | t x pop |  |  |  |
| pop + sire + dam + sib | t |  |  |  |
| t + sire + dam + sib | pop |  |  |  |
| t + pop + t x pop + dam + sib | sire |  |  |  |
| t + pop + t x pop + sire + sib | dam |  |  |  |
| t + pop + t x pop + sire + dam | sib |  |  |  |
|  |  |  |  |  |