| component |  | Full Fecundity Model | No Interaction Terms |
| --- | --- | --- | --- |
| Conditional | Intercept | 0.964\*\*\* | 0.965\*\*\* |
|  |  | (0.024) | (0.024) |
|  | Acorn Abundance | 0.009 | 0.009 |
|  |  | (0.020) | (0.020) |
|  | Burned Area | -0.003 | -0.003 |
|  |  | (0.016) | (0.016) |
|  | Time | 0.020 | 0.020 |
|  |  | (0.019) | (0.019) |
|  | EQSOI | 0.028 | 0.028 |
|  |  | (0.016) | (0.016) |
|  | Population Density | -0.036\* | -0.036\* |
|  |  | (0.018) | (0.018) |
|  | Pair Relatedness | -0.052\*\* | -0.053\*\* |
|  |  | (0.017) | (0.017) |
|  | Pair Status | 0.127\*\*\* | 0.126\*\*\* |
|  |  | (0.024) | (0.024) |
|  | Year | 0.063 | 0.063 |
|  | Territory ID | 0.052 | 0.052 |
| Zero-Inflated | Intercept | -0.106 | -0.106 |
|  |  | (0.102) | (0.102) |
|  | Acorn Abundance | -0.072 | -0.069 |
|  |  | (0.102) | (0.102) |
|  | Burned Area | -0.087 | -0.095 |
|  |  | (0.084) | (0.085) |
|  | Time | -0.036 | -0.037 |
|  |  | (0.098) | (0.099) |
|  | EQSOI | -0.062 | -0.065 |
|  |  | (0.084) | (0.084) |
|  | Population Density | 0.382\*\*\* | 0.367\*\*\* |
|  |  | (0.089) | (0.090) |
|  | Pair Relatedness | -0.147 | 0.072 |
|  |  | (0.088) | (0.057) |
|  | Pair Status | -1.144\*\*\* | -1.137\*\*\* |
|  |  | (0.111) | (0.110) |
|  | Year | 0.344 | 0.350 |
|  | Territory ID | 0.361 | 0.355 |
|  | Pair Relatedness:Pair Status | 0.413\*\*\* |  |
|  |  | (0.112) |  |
| Dispersion | Intercept | 0.377 | 0.378 |
|  | Num.Obs. | 1852 | 1852 |
|  | R2 Marg. | 0.025 | 0.025 |
|  | R2 Cond. | 0.042 | 0.041 |
|  | AIC | 5881.2 | 5894.2 |
|  | BIC | 6002.7 | 6010.2 |
|  | RMSE | 1.51 | 1.51 |
| \* p < 0.05, \*\* p < 0.01, \*\*\* p < 0.001 | | | |