|  | | **Distance to City Center** | | | | **Urbanization Score** | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | **All Populations** | | **Urban Populations** | | **All Populations** | | **Urban Populations** | |
|  | | **Model 1** | | **Model 2** | | **Model 3** | | **Model 4** | |
| **Variable** | **Type** | **R2m** | **R2c** | **R2m** | **R2c** | **R2m** | **R2c** | **R2m** | **R2c** |
| Latex exudation | 1 | 0.037 | 0.119 | 0.043 | 0.145 | 0.045 | 0.118 | 0.060 | 0.141 |
| Herbivory before flowering (binary) | delta | 0.015 | 0.015 | 0.021 | 0.021 | 0.011 | 0.014 | 0.021 | 0.021 |
| Herbivory before flowering (quantitative) | 1 | 0.010 | 0.010 | 0.015 | 0.015 | 0.016 | 0.016 | 0.023 | 0.023 |
| Herbivory after flowering (binary) | delta | 0.018 | 0.035 | 0.028 | 0.037 | 0.018 | 0.034 | 0.026 | 0.036 |
| Herbivory before flowering (quantitative) | 1 | 0.007 | 0.030 | 0.008 | 0.034 | 0.005 | 0.029 | 0.007 | 0.034 |
| Weevil damage (binary) | delta | 0.027 | 0.077 | 0.029 | 0.081 | 0.026 | 0.078 | 0.026 | 0.081 |
| Weevil damage (quantitative) | 1 | 0.023 | 0.081 | 0.027 | 0.089 | 0.021 | 0.081 | 0.023 | 0.088 |
| Flowering success | delta | 0.038 | 0.088 | 0.043 | 0.093 | 0.038 | 0.088 | 0.043 | 0.093 |
| Flowers per Inflorescence | trigamma | 0.000 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 |
| Flower size | 1 | 0.019 | 0.129 | 0.028 | 0.140 | 0.021 | 0.128 | 0.027 | 0.140 |
| Flowering duration | trigamma | 0.000 | 0.000 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 |
| Date of first flower | trigamma | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Follicles | trigamma | 0.161 | 0.161 | 0.193 | 0.193 | 0.160 | 0.160 | 0.246 | 0.246 |
| Date of first follicle | trigamma | 0.055 | 0.690 | 0.092 | 0.699 | 0.053 | 0.691 | 0.066 | 0.701 |
| Inflorescences | trigamma | 0.000 | 0.000 | 0.028 | 0.304 | 0.000 | 0.000 | 0.000 | 0.000 |
| Danaus plexippus abundance | trigamma | 0.141 | 0.146 | 0.143 | 0.148 | 0.141 | 0.146 | 0.143 | 0.148 |
| Liriomyza asclepiadis abundance | trigamma | 0.160 | 0.244 | 0.160 | 0.247 | 0.160 | 0.243 | 0.160 | 0.247 |
| Labidomera clivicollis abundance | trigamma | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| LDMC | 1 | 0.058 | 0.058 | 0.007 | 0.022 | 0.056 | 0.056 | 0.059 | 0.072 |
| SLA | 1 | 0.042 | 0.042 | 0.045 | 0.045 | 0.041 | 0.041 | 0.047 | 0.047 |
|  | 1 | 0.064 | 0.160 | 0.065 | 0.164 | 0.063 | 0.161 | 0.062 | 0.165 |
|  | 1 | 0.081 | 0.154 | 0.082 | 0.158 | 0.079 | 0.154 | 0.079 | 0.158 |
|  | 1 | 0.014 | 0.026 | 0.016 | 0.031 | 0.014 | 0.027 | 0.015 | 0.032 |
| Ramets before flowering | trigamma | 0.080 | 0.269 | 0.082 | 0.273 | 0.078 | 0.270 | 0.078 | 0.274 |
| Ramets after flowering | trigamma | 0.102 | 0.204 | 0.105 | 0.208 | 0.100 | 0.204 | 0.101 | 0.208 |
| Mortality | delta | 0.035 | 0.075 | 0.039 | 0.085 | 0.035 | 0.075 | 0.039 | 0.085 |