|  | | **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 | 0.013 | 0.013 | 0.011 | 0.014 | 0.016 | 0.016 |
| Herbivory before flowering (quantitative) | 1 | 0.010 | 0.010 | 0.001 | 0.001 | 0.016 | 0.016 | 0.002 | 0.002 |
| Herbivory after flowering (binary) | delta | 0.018 | 0.035 | 0.043 | 0.070 | 0.018 | 0.034 | 0.041 | 0.067 |
| Herbivory after flowering (quantitative) | 1 | 0.007 | 0.030 | 0.009 | 0.050 | 0.005 | 0.029 | 0.018 | 0.054 |
| Weevil damage (binary) | delta | 0.027 | 0.077 | 0.031 | 0.090 | 0.026 | 0.078 | 0.034 | 0.093 |
| Weevil damage (quantitative) | 1 | 0.023 | 0.081 | 0.018 | 0.141 | 0.021 | 0.081 | 0.018 | 0.141 |
| Flowering success | delta | 0.038 | 0.088 | 0.037 | 0.109 | 0.038 | 0.088 | 0.042 | 0.114 |
| Flowers per Inflorescence | trigamma | 0.000 | 0.001 | 0.000 | 0.001 | 0.001 | 0.001 | 0.000 | 0.001 |
| Flower size | 1 | 0.019 | 0.129 | 0.034 | 0.197 | 0.021 | 0.128 | 0.030 | 0.208 |
| Flowering duration | trigamma | 0.000 | 0.000 | 0.001 | 0.002 | 0.001 | 0.001 | 0.003 | 0.003 |
| Date of first flower | trigamma | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Pollinaria removed | 1 | 0.133 | 0.370 | 0.097 | 0.245 | 0.130 | 0.361 | 0.103 | 0.227 |
| Follicles | trigamma | 0.161 | 0.161 | 0.243 | 0.322 | 0.160 | 0.160 | 0.325 | 0.325 |
| Date of first follicle | trigamma | 0.055 | 0.690 | 0.159 | 0.678 | 0.053 | 0.691 | 0.167 | 0.679 |
| Danaus plexippus abundance | trigamma | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Liriomyza asclepiadis abundance | trigamma | 0.013 | 0.029 | 0.013 | 0.029 | 0.011 | 0.028 | 0.011 | 0.028 |
| Labidomera clivicollis abundance | trigamma | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.008 |
| Inflorescences | trigamma | 0.000 | 0.000 | 0.054 | 0.345 | 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 | 0.065 | 0.071 | 0.068 | 0.108 | 0.065 | 0.071 | 0.070 | 0.106 |
| Height before flowering | 1 | 0.076 | 0.108 | 0.075 | 0.115 | 0.075 | 0.108 | 0.075 | 0.114 |
| Height after flowering | 1 | 0.081 | 0.154 | 0.086 | 0.169 | 0.079 | 0.154 | 0.074 | 0.164 |
| Relative growth rate | 1 | 0.014 | 0.026 | 0.021 | 0.031 | 0.014 | 0.027 | 0.021 | 0.030 |
| Ramets before flowering | trigamma | 0.080 | 0.269 | 0.094 | 0.297 | 0.078 | 0.270 | 0.081 | 0.290 |
| Ramets after flowering | trigamma | 0.102 | 0.204 | 0.121 | 0.224 | 0.100 | 0.204 | 0.111 | 0.217 |
| Mortality | delta | 0.035 | 0.075 | 0.040 | 0.123 | 0.035 | 0.075 | 0.039 | 0.122 |