|  | | **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 | 0.086 | 0.086 | 0.075 | 0.075 | 0.084 | 0.084 | 0.071 | 0.074 |
| Herbivory before flowering (quantitative) | 1 | 0.017 | 0.024 | 0.039 | 0.057 | 0.019 | 0.025 | 0.038 | 0.056 |
| Herbivory after flowering (binary) | delta | 0.028 | 0.032 | 0.032 | 0.032 | 0.028 | 0.032 | 0.030 | 0.030 |
| Herbivory before flowering (quantitative) | 1 | 0.080 | 0.093 | 0.085 | 0.103 | 0.079 | 0.093 | 0.086 | 0.103 |
| Weevil damage (binary) | delta | 0.066 | 0.129 | 0.066 | 0.145 | 0.066 | 0.129 | 0.064 | 0.145 |
| Weevil damage (quantitative) | 1 | 0.067 | 0.105 | 0.077 | 0.134 | 0.065 | 0.105 | 0.077 | 0.133 |
| Flowering success | delta | 0.100 | 0.168 | 0.095 | 0.181 | 0.100 | 0.169 | 0.095 | 0.182 |
| Flowers per Inflorescence | trigamma | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 |
| Flower size | 1 | 0.021 | 0.285 | 0.040 | 0.313 | 0.020 | 0.284 | 0.024 | 0.307 |
| Flowering duration | trigamma | 0.001 | 0.003 | 0.004 | 0.004 | 0.001 | 0.003 | 0.003 | 0.004 |
| Date of first flower | trigamma | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Follicles | trigamma | 0.245 | 0.315 | 0.301 | 0.390 | 0.245 | 0.313 | 0.346 | 0.367 |
| Date of first follicle | trigamma | 0.301 | 0.369 | 0.328 | 0.381 | 0.296 | 0.371 | 0.339 | 0.373 |
| Inflorescences | trigamma | 0.000 | 0.000 | 0.182 | 0.489 | 0.000 | 0.000 | 0.000 | 0.000 |
| Pollinaria removed | 1 | 0.156 | 0.406 | 0.172 | 0.376 | 0.154 | 0.406 | 0.171 | 0.374 |
| Danaus plexippus abundance | trigamma | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Liriomyza asclepiadis abundance | trigamma | 0.130 | 0.146 | 0.110 | 0.129 | 0.130 | 0.146 | 0.110 | 0.129 |
| Labidomera clivicollis abundance | trigamma | 0.000 | 0.001 | 0.001 | 0.002 | 0.000 | 0.001 | 0.001 | 0.002 |
| 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 | 0.710 | 0.727 | 0.701 | 0.719 | 0.709 | 0.727 | 0.701 | 0.719 |
| Height after flowering | 1 | 0.213 | 0.296 | 0.209 | 0.303 | 0.211 | 0.296 | 0.205 | 0.302 |
| Relative growth rate | 1 | 0.005 | 0.008 | 0.007 | 0.015 | 0.005 | 0.008 | 0.008 | 0.016 |
| Ramets before flowering | trigamma | 0.175 | 0.279 | 0.161 | 0.283 | 0.174 | 0.279 | 0.159 | 0.282 |
| Ramets after flowering | trigamma | 0.047 | 0.099 | 0.048 | 0.106 | 0.046 | 0.099 | 0.046 | 0.104 |
| Mortality | delta | 0.136 | 0.262 | 0.143 | 0.287 | 0.136 | 0.262 | 0.139 | 0.287 |