| Response | Sites | Predictor | χ2 | *p* |
| --- | --- | --- | --- | --- |
| Flowered | All | Block | 51.136 | <0.001\*\*\* |
| Year | 115.756 | <0.001\*\*\* |
| Urbanization Score | 0.141 | 0.707 |
| Urban Only | Block | 35.346 | <0.001\*\*\* |
| Year | 80.934 | <0.001\*\*\* |
| Urbanization Score | 0.912 | 0.34 |
| Subtransect | 1.165 | 0.281 |

| Response | Sites | Predictor | χ2 | *p* |
| --- | --- | --- | --- | --- |
| mean\_flower\_count | All | Block | 16.191 | 0.001\*\* |
| Year | 24.707 | <0.001\*\*\* |
| Urbanization Score | 4.337 | 0.037\* |
| Urban Only | Block | 17.074 | <0.001\*\*\* |
| Year | 17.073 | <0.001\*\*\* |
| Urbanization Score | 4.597 | 0.032\* |
| Subtransect | 7.369 | 0.007\*\* |
| Urbanization Score x Subtransect | 3.274 | 0.07 |

| Response | Sites | Predictor | χ2 | *p* |
| --- | --- | --- | --- | --- |
| Overall\_mean | All | Block | 4.353 | 0.226 |
| Year | 0.547 | 0.761 |
| Urbanization Score | 0.346 | 0.556 |
| Urban Only | Block | 3.752 | 0.29 |
| Year | 0.006 | 0.997 |
| Urbanization Score | 0.249 | 0.618 |
| Subtransect | 0.388 | 0.533 |

| Response | Sites | Predictor | χ2 | *p* |
| --- | --- | --- | --- | --- |
| flowering\_time\_num | All | Block | 1.629 | 0.653 |
| Year | 14.286 | <0.001\*\*\* |
| Urbanization Score | 0.076 | 0.783 |
| Urban Only | Block | 2.423 | 0.489 |
| Year | 12.444 | 0.002\*\* |
| Urbanization Score | 0.720 | 0.396 |
| Subtransect | 5.193 | 0.023\* |

| Response | Sites | Predictor | χ2 | *p* |
| --- | --- | --- | --- | --- |
| Julian\_oldest\_inflor | All | Block | 4.798 | 0.187 |
| Year | 41.487 | <0.001\*\*\* |
| Urbanization Score | 0.092 | 0.761 |
| Urban Only | Block | 2.532 | 0.47 |
| Year | 34.189 | <0.001\*\*\* |
| Subtransect | 0.107 | 0.743 |
| All | Year | 34.981 | <0.001\*\*\* |
| Urbanization Score | 1.533 | 0.216 |

| Response | Sites | Predictor | χ2 | *p* |
| --- | --- | --- | --- | --- |
| Pods | All | Block | 12.852 | 0.005\*\* |
| Year | 13.227 | 0.001\*\* |
| Urbanization Score | 0.067 | 0.796 |
| Urban Only | Block | 19.334 | <0.001\*\*\* |
| Year | 17.506 | <0.001\*\*\* |
| Urbanization Score | 5.923 | 0.015\* |
| Subtransect | 6.551 | 0.01\* |
| Urbanization Score x Subtransect | 11.058 | <0.001\*\*\* |

| Response | Sites | Predictor | χ2 | *p* |
| --- | --- | --- | --- | --- |
| Julian\_first\_follicle^2 | All | Block | 575.144 | <0.001\*\*\* |
| Year | 8,499.266 | <0.001\*\*\* |
| Urbanization Score | 0.130 | 0.718 |
| Julian\_first\_follicle^3 | Urban Only | Block | 157,510.402 | <0.001\*\*\* |
| Year | 3,595,370.564 | <0.001\*\*\* |
| Urbanization Score | 0.785 | 0.376 |
| Subtransect | 0.009 | 0.926 |
| Urbanization Score x Subtransect | 3.174 | 0.075 |

| Response | Sites | Predictor | χ2 | *p* |
| --- | --- | --- | --- | --- |
| Peduncles | All | Block | 2.195 | 0.533 |
| Year | 27.485 | <0.001\*\*\* |
| Urbanization Score | 0.067 | 0.796 |
| Urban Only | Block | 5.498 | 0.139 |
| Year | 21.059 | <0.001\*\*\* |
| Urbanization Score | 6.353 | 0.012\* |
| Subtransect | 4.037 | 0.045\* |
| Urbanization Score x Subtransect | 9.535 | 0.002\*\* |