| Response | Sites | Predictor | χ2 | *p* |
| --- | --- | --- | --- | --- |
| Monarch\_Quantity\_Observed | Urban Only | Block | 3.804 | 0.283 |
| Year | 3.773 | 0.052 |
| Urbanization Score | 0.349 | 0.555 |
| Subtransect | 0.003 | 0.955 |
| Urbanization Score x Subtransect | 1.339 | 0.247 |

| Response | Sites | Predictor | χ2 | *p* |
| --- | --- | --- | --- | --- |
| Liriomyza\_asclepiadis | Urban Only | Block | 65.676 | <0.001\*\*\* |
| Year | 642.816 | <0.001\*\*\* |
| Urbanization Score | 0.203 | 0.653 |
| Subtransect | 1.423 | 0.233 |
| Urbanization Score x Subtransect | 0.317 | 0.573 |

| Response | Sites | Predictor | χ2 | *p* |
| --- | --- | --- | --- | --- |
| Labidomera\_clivicollis | Urban Only | Block | 2.583 | 0.46 |
| Year | 13.567 | <0.001\*\*\* |
| Urbanization Score | 0.863 | 0.353 |
| Subtransect | 0.722 | 0.395 |
| Urbanization Score x Subtransect | 0.257 | 0.612 |