| Response | Sites | Predictor | χ2 | *p* |
| --- | --- | --- | --- | --- |
| Monarch\_Quantity\_Observed | Urban Only | Block | 3.556 | 0.314 |
| Year | 3.792 | 0.051 |
| Distance to City Center | 3.857 | 0.05\* |
| Subtransect | 0.017 | 0.896 |
| Distance to City Center x Subtransect | 0.350 | 0.554 |

| Response | Sites | Predictor | χ2 | *p* |
| --- | --- | --- | --- | --- |
| Liriomyza\_asclepiadis | Urban Only | Block | 65.149 | <0.001\*\*\* |
| Year | 642.655 | <0.001\*\*\* |
| Distance to City Center | 0.004 | 0.951 |
| Subtransect | 1.212 | 0.271 |
| Distance to City Center x Subtransect | 0.233 | 0.629 |

| Response | Sites | Predictor | χ2 | *p* |
| --- | --- | --- | --- | --- |
| Labidomera\_clivicollis | Urban Only | Block | 2.849 | 0.416 |
| Year | 13.414 | <0.001\*\*\* |
| Distance to City Center | 2.760 | 0.097 |
| Subtransect | 0.266 | 0.606 |
| Distance to City Center x Subtransect | 1.463 | 0.226 |