| Response | Sites | Predictor | Ï‡2 | *p* |
| --- | --- | --- | --- | --- |
| Monarch\_Quantity\_Observed | All | Block | 10.005 | 0.019\* |
| Year | 3.240 | 0.072 |
| Sample | 244.756 | <0.001\*\*\* |
| Distance to City Center | 0.624 | 0.43 |
| Urban Only | Block | 3.937 | 0.268 |
| Year | 0.012 | 0.913 |
| Sample | 170.997 | <0.001\*\*\* |
| Distance to City Center | 5.187 | 0.023\* |
| Subtransect | 0.021 | 0.886 |

| Response | Sites | Predictor | Ï‡2 | *p* |
| --- | --- | --- | --- | --- |
| Liriomyza\_asclepiadis | All | Block | 115.415 | <0.001\*\*\* |
| Year | 1,280.997 | <0.001\*\*\* |
| Sample | 56.828 | <0.001\*\*\* |
| Distance to City Center | 0.177 | 0.674 |
| Urban Only | Block | 87.319 | <0.001\*\*\* |
| Year | 917.561 | <0.001\*\*\* |
| Sample | 38.558 | <0.001\*\*\* |
| Distance to City Center | 0.043 | 0.835 |
| Subtransect | 1.371 | 0.242 |

| Response | Sites | Predictor | Ï‡2 | *p* |
| --- | --- | --- | --- | --- |
| Labidomera\_clivicollis | All | Block | 2.673 | 0.445 |
| Year | 15.359 | <0.001\*\*\* |
| Sample | 9.320 | 0.002\*\* |
| Distance to City Center | 0.187 | 0.666 |
| Urban Only | Block | 2.441 | 0.486 |
| Year | 14.709 | <0.001\*\*\* |
| Sample | 10.099 | 0.001\*\* |
| Distance to City Center | 2.162 | 0.141 |
| Subtransect | 0.392 | 0.531 |
| Distance to City Center x Subtransect | 2.102 | 0.147 |