| Response | Sites | Predictor | Ï‡2 | *p* |
| --- | --- | --- | --- | --- |
| Monarch\_Quantity\_Observed | All | Block | 10.160 | 0.017\* |
| Year | 3.234 | 0.072 |
| Sample | 244.686 | <0.001\*\*\* |
| Urbanization Score | 0.445 | 0.505 |
| Urban Only | Block | 4.206 | 0.24 |
| Year | 0.015 | 0.902 |
| Sample | 170.792 | <0.001\*\*\* |
| Urbanization Score | 0.633 | 0.426 |
| Subtransect | 0.004 | 0.951 |

| Response | Sites | Predictor | Ï‡2 | *p* |
| --- | --- | --- | --- | --- |
| Liriomyza\_asclepiadis | All | Block | 115.357 | <0.001\*\*\* |
| Year | 1,280.930 | <0.001\*\*\* |
| Sample | 56.830 | <0.001\*\*\* |
| Urbanization Score | 0.077 | 0.781 |
| Urban Only | Block | 87.609 | <0.001\*\*\* |
| Year | 917.218 | <0.001\*\*\* |
| Sample | 38.560 | <0.001\*\*\* |
| Urbanization Score | 0.106 | 0.745 |
| Subtransect | 1.534 | 0.215 |

| Response | Sites | Predictor | Ï‡2 | *p* |
| --- | --- | --- | --- | --- |
| Labidomera\_clivicollis | All | Block | 2.814 | 0.421 |
| Year | 15.499 | <0.001\*\*\* |
| Sample | 9.285 | 0.002\*\* |
| Urbanization Score | 0.688 | 0.407 |
| Urban Only | Block | 2.494 | 0.476 |
| Year | 15.966 | <0.001\*\*\* |
| Sample | 9.952 | 0.002\*\* |
| Urbanization Score | 1.666 | 0.197 |
| Subtransect | 0.857 | 0.355 |