# Urbanization = Distance to City Center

ANOVA with all years of data

Model: Liriomyza\_asclepiadis ~ Block + (1 | Population/Family) + Year + Sample + City\_dist

| Variable | Predictor | Ï‡2 | p |
| --- | --- | --- | --- |
| Liriomyza asclepiadis abundance | Block | 115.415 | **<0.001\*\*\*** |
| Year | 1,280.997 | **<0.001\*\*\*** |
| Sample | 56.828 | **<0.001\*\*\*** |
| Distance to City Center | 0.177 | 0.674 |

ANOVA with one year of data

Model: Liriomyza\_asclepiadis ~ Block + (1 | Population/Family) + Sample + City\_dist

| Variable | Predictor | Ï‡2 | p |
| --- | --- | --- | --- |
| Liriomyza asclepiadis abundance | Block | 47.899 | **<0.001\*\*\*** |
| Sample | 147.034 | **<0.001\*\*\*** |
| Distance to City Center | 0.258 | 0.611 |

# Urbanization = Urbanization Score

ANOVA with all years of data

Model: Liriomyza\_asclepiadis ~ Block + (1 | Population/Family) + Year + Sample + Urb\_score

| Variable | Predictor | Ï‡2 | p |
| --- | --- | --- | --- |
| Liriomyza asclepiadis abundance | Block | 115.357 | **<0.001\*\*\*** |
| Year | 1,280.930 | **<0.001\*\*\*** |
| Sample | 56.830 | **<0.001\*\*\*** |
| Urbanization Score | 0.077 | 0.781 |

ANOVA with one year of data

Model: Liriomyza\_asclepiadis ~ Block + (1 | Population/Family) + Sample + Urb\_score

| Variable | Predictor | Ï‡2 | p |
| --- | --- | --- | --- |
| Liriomyza asclepiadis abundance | Block | 48.100 | **<0.001\*\*\*** |
| Sample | 147.011 | **<0.001\*\*\*** |
| Urbanization Score | 0.744 | 0.388 |