# Urbanization = Distance to City Center

ANOVA with all years of data

Model: log(Herbivory\_mean\_early) ~ Block + Year + (1 | Population/Family) + City\_dist

| Variable | Predictor | χ2 | p |
| --- | --- | --- | --- |
| Herbivory before flowering (quantitative) | Block | 2.829 | 0.419 |
| Year | 15.568 | **<0.001\*\*\*** |
| Distance to City Center | 0.057 | 0.812 |

ANOVA with one year of data

Model: log(Herbivory\_mean\_early) ~ Block + (1 | Population/Family) + City\_dist

| Variable | Predictor | χ2 | p |
| --- | --- | --- | --- |
| Herbivory before flowering (quantitative) | Block | 0.957 | 0.812 |
| Distance to City Center | 3.605 | 0.058 |

# Urbanization = Urbanization Score

ANOVA with all years of data

Model: log(Herbivory\_mean\_early) ~ Block + Year + (1 | Population/Family) + Urb\_score

| Variable | Predictor | χ2 | p |
| --- | --- | --- | --- |
| Herbivory before flowering (quantitative) | Block | 2.602 | 0.457 |
| Year | 15.581 | **<0.001\*\*\*** |
| Urbanization Score | 2.206 | 0.138 |

ANOVA with one year of data

Model: log(Herbivory\_mean\_early) ~ Block + (1 | Population/Family) + Urb\_score

| Variable | Predictor | χ2 | p |
| --- | --- | --- | --- |
| Herbivory before flowering (quantitative) | Block | 0.769 | 0.857 |
| Urbanization Score | 6.221 | **0.013\*** |