# Urbanization = Distance to City Center

ANOVA with all years of data

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

| Variable | Predictor | χ2 | p |
| --- | --- | --- | --- |
| Herbivory after flowering (quantitative) | Block | 8.646 | **0.034\*** |
| Year | 110.135 | **<0.001\*\*\*** |
| Distance to City Center | 2.428 | 0.119 |

ANOVA with one year of data

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

| Variable | Predictor | χ2 | p |
| --- | --- | --- | --- |
| Herbivory after flowering (quantitative) | Block | 3.452 | 0.327 |
| Distance to City Center | 1.045 | 0.307 |

# Urbanization = Urbanization Score

ANOVA with all years of data

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

| Variable | Predictor | χ2 | p |
| --- | --- | --- | --- |
| Herbivory after flowering (quantitative) | Block | 8.573 | **0.036\*** |
| Year | 109.479 | **<0.001\*\*\*** |
| Urbanization Score | 0.048 | 0.827 |

ANOVA with one year of data

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

| Variable | Predictor | χ2 | p |
| --- | --- | --- | --- |
| Herbivory after flowering (quantitative) | Block | 3.466 | 0.325 |
| Urbanization Score | 0.020 | 0.887 |