# Urbanization = Distance to City Center

ANOVA with all years of data

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

| Variable | Predictor | Ï‡2 | p |
| --- | --- | --- | --- |
| Herbivory after flowering (quantitative) | Block | 5.867 | 0.118 |
| Year | 78.353 | **<0.001\*\*\*** |
| Distance to City Center | 0.489 | 0.484 |
| Subtransect | 1.675 | 0.196 |

ANOVA with one year of data

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

| Variable | Predictor | Ï‡2 | p |
| --- | --- | --- | --- |
| Herbivory after flowering (quantitative) | Block | 3.496 | 0.321 |
| Distance to City Center | 0.004 | 0.949 |
| Subtransect | 0.389 | 0.533 |

# Urbanization = Urbanization Score

ANOVA with all years of data

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

| Variable | Predictor | Ï‡2 | p |
| --- | --- | --- | --- |
| Herbivory after flowering (quantitative) | Block | 5.955 | 0.114 |
| Year | 78.020 | **<0.001\*\*\*** |
| Urbanization Score | 1.380 | 0.24 |
| Subtransect | 2.548 | 0.11 |
| Urbanization Score x Subtransect | 0.587 | 0.444 |

ANOVA with one year of data

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

| Variable | Predictor | Ï‡2 | p |
| --- | --- | --- | --- |
| Herbivory after flowering (quantitative) | (Intercept) | 340.275 | **<0.001\*\*\*** |
| Block | 3.433 | 0.33 |
| Urbanization Score | 1.457 | 0.227 |
| Subtransect | 1.155 | 0.282 |
| Urbanization Score x Subtransect | 3.528 | 0.06 |