# Urbanization = Distance to City Center

ANOVA with all years of data

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

| Variable | Predictor | Ï‡2 | p |
| --- | --- | --- | --- |
| Herbivory after flowering (binary) | Block | 10.693 | **0.014\*** |
| Year | 15.120 | **<0.001\*\*\*** |
| Distance to City Center | 1.263 | 0.261 |
| Subtransect | 0.365 | 0.546 |
| Distance to City Center x Subtransect | 0.012 | 0.912 |

ANOVA with one year of data

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

| Variable | Predictor | Ï‡2 | p |
| --- | --- | --- | --- |
| Herbivory after flowering (binary) | Block | 5.244 | 0.155 |
| Distance to City Center | 0.585 | 0.444 |
| Subtransect | 0.672 | 0.412 |
| Distance to City Center x Subtransect | 0.006 | 0.939 |

# Urbanization = Urbanization Score

ANOVA with all years of data

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

| Variable | Predictor | Ï‡2 | p |
| --- | --- | --- | --- |
| Herbivory after flowering (binary) | Block | 10.419 | **0.015\*** |
| Year | 15.121 | **<0.001\*\*\*** |
| Urbanization Score | 0.020 | 0.887 |
| Subtransect | 0.542 | 0.461 |
| Urbanization Score x Subtransect | 0.609 | 0.435 |

ANOVA with one year of data

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

| Variable | Predictor | Ï‡2 | p |
| --- | --- | --- | --- |
| Herbivory after flowering (binary) | Block | 5.318 | 0.15 |
| Urbanization Score | 0.105 | 0.746 |
| Subtransect | 0.568 | 0.451 |
| Urbanization Score x Subtransect | 0.132 | 0.717 |