# Urbanization = Distance to City Center

ANOVA with all years of data

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

| Variable | Predictor | Ï‡2 | p |
| --- | --- | --- | --- |
| Ramets after flowering | Block | 54.568 | **<0.001\*\*\*** |
| Year | 38.584 | **<0.001\*\*\*** |
| Distance to City Center | 2.897 | 0.089 |
| Subtransect | 0.296 | 0.586 |
| Distance to City Center x Subtransect | 1.746 | 0.186 |

ANOVA with one year of data

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

| Variable | Predictor | Ï‡2 | p |
| --- | --- | --- | --- |
| Ramets after flowering | (Intercept) | 5.374 | **0.02\*** |
| Block | 69.368 | **<0.001\*\*\*** |
| Distance to City Center | 6.005 | **0.014\*** |
| Subtransect | 3.231 | 0.072 |
| Distance to City Center x Subtransect | 2.740 | 0.098 |

# Urbanization = Urbanization Score

ANOVA with all years of data

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

| Variable | Predictor | Ï‡2 | p |
| --- | --- | --- | --- |
| Ramets after flowering | Block | 56.818 | **<0.001\*\*\*** |
| Year | 38.545 | **<0.001\*\*\*** |
| Urbanization Score | 0.856 | 0.355 |
| Subtransect | 0.781 | 0.377 |
| Urbanization Score x Subtransect | 0.884 | 0.347 |

ANOVA with one year of data

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

| Variable | Predictor | Ï‡2 | p |
| --- | --- | --- | --- |
| Ramets after flowering | Block | 71.901 | **<0.001\*\*\*** |
| Urbanization Score | 1.512 | 0.219 |
| Subtransect | 1.239 | 0.266 |
| Urbanization Score x Subtransect | 1.610 | 0.205 |