# Urbanization = Distance to City Center

ANOVA with all years of data

Model: Julian\_oldest\_inflor - 170 ~ Block + Year + (1 | Population/Family) + City\_dist + Transect\_ID + City\_dist:Transect\_ID

| Variable | Predictor | Ï‡2 | p |
| --- | --- | --- | --- |
| Date of first flower | Block | 5.812 | 0.121 |
| Year | 64.202 | **<0.001\*\*\*** |
| Distance to City Center | 3.224 | 0.073 |
| Subtransect | 0.190 | 0.663 |
| Distance to City Center x Subtransect | 0.104 | 0.747 |

ANOVA with one year of data

Model: Julian\_oldest\_inflor - 170 ~ Block + (1 | Population/Family) + City\_dist + Transect\_ID + City\_dist:Transect\_ID

| Variable | Predictor | Ï‡2 | p |
| --- | --- | --- | --- |
| Date of first flower | Block | 10.019 | **0.018\*** |
| Distance to City Center | 0.729 | 0.393 |
| Subtransect | 0.006 | 0.94 |
| Distance to City Center x Subtransect | 0.534 | 0.465 |

# Urbanization = Urbanization Score

ANOVA with all years of data

Model: Julian\_oldest\_inflor - 170 ~ Block + Year + (1 | Population/Family) + Urb\_score + Transect\_ID + Urb\_score:Transect\_ID

| Variable | Predictor | Ï‡2 | p |
| --- | --- | --- | --- |
| Date of first flower | (Intercept) | 639.109 | **<0.001\*\*\*** |
| Block | 5.162 | 0.16 |
| Year | 66.559 | **<0.001\*\*\*** |
| Urbanization Score | 1.033 | 0.309 |
| Subtransect | 1.112 | 0.292 |
| Urbanization Score x Subtransect | 2.821 | 0.093 |

ANOVA with one year of data

Model: Julian\_oldest\_inflor - 170 ~ Block + (1 | Population/Family) + Urb\_score + Transect\_ID + Urb\_score:Transect\_ID

| Variable | Predictor | Ï‡2 | p |
| --- | --- | --- | --- |
| Date of first flower | Block | 8.907 | **0.031\*** |
| Urbanization Score | 0.101 | 0.75 |
| Subtransect | 0.003 | 0.958 |
| Urbanization Score x Subtransect | 1.782 | 0.182 |