# Urbanization = Distance to City Center

ANOVA with all years of data

Model: Total\_Height\_early^(1/3) ~ Block + Year + (1 | Population/Family) + City\_dist + Transect\_ID + City\_dist:Transect\_ID

| Variable | Predictor | Ï‡2 | p |
| --- | --- | --- | --- |
| Height before flowering | Block | 48.433 | **<0.001\*\*\*** |
| Year | 2,116.542 | **<0.001\*\*\*** |
| Distance to City Center | 3.096 | 0.079 |
| Subtransect | 0.707 | 0.4 |
| Distance to City Center x Subtransect | 0.996 | 0.318 |

ANOVA with one year of data

Model: Total\_Height\_early^(1/3) ~ Block + (1 | Population/Family) + City\_dist + Transect\_ID + City\_dist:Transect\_ID

| Variable | Predictor | Ï‡2 | p |
| --- | --- | --- | --- |
| Height before flowering | Block | 36.248 | **<0.001\*\*\*** |
| Distance to City Center | 3.938 | **0.047\*** |
| Subtransect | 0.003 | 0.953 |
| Distance to City Center x Subtransect | 1.242 | 0.265 |

# Urbanization = Urbanization Score

ANOVA with all years of data

Model: Total\_Height\_early^(1/3) ~ Block + Year + (1 | Population/Family) + Urb\_score + Transect\_ID + Urb\_score:Transect\_ID

| Variable | Predictor | Ï‡2 | p |
| --- | --- | --- | --- |
| Height before flowering | Block | 50.505 | **<0.001\*\*\*** |
| Year | 2,116.671 | **<0.001\*\*\*** |
| Urbanization Score | 0.080 | 0.777 |
| Subtransect | 0.846 | 0.358 |
| Urbanization Score x Subtransect | 0.712 | 0.399 |

ANOVA with one year of data

Model: Total\_Height\_early^(1/3) ~ Block + (1 | Population/Family) + Urb\_score + Transect\_ID + Urb\_score:Transect\_ID

| Variable | Predictor | Ï‡2 | p |
| --- | --- | --- | --- |
| Height before flowering | Block | 38.490 | **<0.001\*\*\*** |
| Urbanization Score | 0.117 | 0.732 |
| Subtransect | 0.010 | 0.922 |
| Urbanization Score x Subtransect | 1.041 | 0.308 |