# Urbanization = Distance to City Center

ANOVA with all years of data

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

| Variable | Predictor | Ï‡2 | p |
| --- | --- | --- | --- |
| Height after flowering | Block | 71.988 | **<0.001\*\*\*** |
| Year | 442.826 | **<0.001\*\*\*** |
| Distance to City Center | 3.116 | 0.078 |
| Subtransect | 0.562 | 0.453 |
| Distance to City Center x Subtransect | 1.385 | 0.239 |

ANOVA with one year of data

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

| Variable | Predictor | Ï‡2 | p |
| --- | --- | --- | --- |
| Height after flowering | Block | 49.370 | **<0.001\*\*\*** |
| Distance to City Center | 3.484 | 0.062 |
| Subtransect | 0.056 | 0.813 |
| Distance to City Center x Subtransect | 2.366 | 0.124 |

# Urbanization = Urbanization Score

ANOVA with all years of data

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

| Variable | Predictor | Ï‡2 | p |
| --- | --- | --- | --- |
| Height after flowering | Block | 74.293 | **<0.001\*\*\*** |
| Year | 442.736 | **<0.001\*\*\*** |
| Urbanization Score | 0.048 | 0.826 |
| Subtransect | 0.910 | 0.34 |
| Urbanization Score x Subtransect | 1.656 | 0.198 |

ANOVA with one year of data

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

| Variable | Predictor | Ï‡2 | p |
| --- | --- | --- | --- |
| Height after flowering | Block | 51.993 | **<0.001\*\*\*** |
| Urbanization Score | 0.025 | 0.875 |
| Subtransect | 0.226 | 0.634 |
| Urbanization Score x Subtransect | 1.645 | 0.2 |