# Urbanization = Distance to City Center

ANOVA with all years of data

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

| Variable | Predictor | χ2 | p |
| --- | --- | --- | --- |
| Height before flowering | Block | 83.883 | **<0.001\*\*\*** |
| Year | 3,202.756 | **<0.001\*\*\*** |
| Distance to City Center | 1.756 | 0.185 |

ANOVA with one year of data

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

| Variable | Predictor | χ2 | p |
| --- | --- | --- | --- |
| Height before flowering | Block | 64.930 | **<0.001\*\*\*** |
| Distance to City Center | 1.873 | 0.171 |

# Urbanization = Urbanization Score

ANOVA with all years of data

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

| Variable | Predictor | χ2 | p |
| --- | --- | --- | --- |
| Height before flowering | Block | 83.849 | **<0.001\*\*\*** |
| Year | 3,203.882 | **<0.001\*\*\*** |
| Urbanization Score | 0.875 | 0.35 |

ANOVA with one year of data

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

| Variable | Predictor | χ2 | p |
| --- | --- | --- | --- |
| Height before flowering | Block | 64.835 | **<0.001\*\*\*** |
| Urbanization Score | 0.716 | 0.397 |