# R-squared estimates for Flowering success Models

|  | **Distance to City Center** | | | | | | **Urbanization Score** | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Best Models** | | | | **Alternative Models** | | **Best Models** | | | | **Alternative Models** | |
|  | **All Populations** | | **Urban Populations** | | | | **All Populations** | | **Urban Populations** | | | |
|  | **Model 1** | | **Model 2** | | **Model 3** | | **Model 4** | | **Model 5** | | **Model 6** | |
| **Type** | **R2m** | **R2c** | **R2m** | **R2c** | **R2m** | **R2c** | **R2m** | **R2c** | **R2m** | **R2c** | **R2m** | **R2c** |
| theoretical | 0.224 | 0.378 | 0.201 | 0.384 | 0.201 | 0.387 | 0.224 | 0.378 | 0.201 | 0.384 | 0.203 | 0.388 |
| delta | 0.100 | 0.168 | 0.095 | 0.181 | 0.095 | 0.183 | 0.100 | 0.169 | 0.095 | 0.182 | 0.096 | 0.184 |

# R-squared estimates for Flowers per inflorescence Models

|  | **Distance to City Center** | | | | | | **Urbanization Score** | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Best Models** | | | | **Alternative Models** | | **Best Models** | | | | **Alternative Models** | |
|  | **All Populations** | | **Urban Populations** | | | | **All Populations** | | **Urban Populations** | | | |
|  | **Model 1** | | **Model 2** | | **Model 3** | | **Model 4** | | **Model 5** | | **Model 6** | |
| **Type** | **R2m** | **R2c** | **R2m** | **R2c** | **R2m** | **R2c** | **R2m** | **R2c** | **R2m** | **R2c** | **R2m** | **R2c** |
| delta | 0.007 | 0.010 | 0.006 | 0.007 | 0.006 | 0.008 | 0.008 | 0.010 | 0.007 | 0.007 | 0.006 | 0.007 |
| lognormal | 0.025 | 0.035 | 0.024 | 0.030 | 0.024 | 0.031 | 0.027 | 0.035 | 0.027 | 0.029 | 0.025 | 0.030 |
| trigamma | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 |

# R-squared estimates for Flower size Models

|  | **Distance to City Center** | | | | | | **Urbanization Score** | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Best Models** | | | | **Alternative Models** | | **Best Models** | | | | **Alternative Models** | |
|  | **All Populations** | | **Urban Populations** | | | | **All Populations** | | **Urban Populations** | | | |
|  | **Model 1** | | **Model 2** | | **Model 3** | | **Model 4** | | **Model 5** | | **Model 6** | |
| **Type** | **R2m** | **R2c** | **R2m** | **R2c** | **R2m** | **R2c** | **R2m** | **R2c** | **R2m** | **R2c** | **R2m** | **R2c** |
| 1 | 0.021 | 0.285 | 0.04 | 0.313 | 0.049 | 0.322 | 0.02 | 0.284 | 0.024 | 0.307 | 0.039 | 0.312 |