# R-squared estimates for Flowering time Models

|  | **Distance to City Center** | | | | | | **Urbanization Score** | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Best Models** | | | | **Alternative Models** | | **Best Models** | | | |
|  | **All Populations** | | **Urban Populations** | | | | **All Populations** | | **Urban Populations** | |
|  | **Model 1** | | **Model 2** | | **Model 3** | | **Model 4** | | **Model 5** | |
| **Type** | **R2m** | **R2c** | **R2m** | **R2c** | **R2m** | **R2c** | **R2m** | **R2c** | **R2m** | **R2c** |
| delta | 0.053 | 0.103 | 0.099 | 0.113 | 0.102 | 0.118 | 0.053 | 0.103 | 0.083 | 0.091 |
| lognormal | 0.066 | 0.126 | 0.123 | 0.141 | 0.126 | 0.145 | 0.065 | 0.127 | 0.104 | 0.114 |
| trigamma | 0.041 | 0.079 | 0.075 | 0.086 | 0.077 | 0.089 | 0.041 | 0.079 | 0.062 | 0.069 |

# R-squared estimates for Date of first flower 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 | 0.238 | 0.383 | 0.253 | 0.411 | 0.250 | 0.412 | 0.239 | 0.384 | 0.253 | 0.413 | 0.239 | 0.406 |
| lognormal | 0.247 | 0.396 | 0.262 | 0.425 | 0.259 | 0.427 | 0.247 | 0.398 | 0.262 | 0.427 | 0.248 | 0.420 |
| trigamma | 0.230 | 0.368 | 0.244 | 0.396 | 0.241 | 0.397 | 0.230 | 0.370 | 0.244 | 0.398 | 0.230 | 0.391 |

# R-squared estimates for Follicles Models

|  | **Distance to City Center** | | | | | | **Urbanization Score** | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Best Models** | | | | **Alternative Models** | | **Best Models** | | | |
|  | **All Populations** | | **Urban Populations** | | | | **All Populations** | | **Urban Populations** | |
|  | **Model 1** | | **Model 2** | | **Model 3** | | **Model 4** | | **Model 5** | |
| **Type** | **R2m** | **R2c** | **R2m** | **R2c** | **R2m** | **R2c** | **R2m** | **R2c** | **R2m** | **R2c** |
| delta | 0.103 | 0.133 | 0.165 | 0.213 | 0.161 | 0.223 | 0.103 | 0.132 | 0.197 | 0.209 |
| lognormal | 0.168 | 0.216 | 0.248 | 0.321 | 0.239 | 0.332 | 0.168 | 0.215 | 0.296 | 0.313 |
| trigamma | 0.046 | 0.059 | 0.082 | 0.106 | 0.082 | 0.113 | 0.046 | 0.059 | 0.099 | 0.105 |