# R-squared estimates for Latex 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** |
| 1 | 0.037 | 0.119 | 0.043 | 0.145 | 0.045 | 0.147 | 0.045 | 0.118 | 0.06 | 0.141 |

# R-squared estimates for Herbivory before flowering (binary) Models

|  | **Distance to City Center** | | | | **Urbanization Score** | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Best Models** | | | | **Best Models** | | | | **Alternative 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** |
| theoretical | 0.115 | 0.115 | 0.104 | 0.104 | 0.113 | 0.113 | 0.098 | 0.102 | 0.098 | 0.103 |
| delta | 0.086 | 0.086 | 0.075 | 0.075 | 0.084 | 0.084 | 0.071 | 0.074 | 0.071 | 0.075 |

# R-squared estimates for Herbivory before flowering (quantitative) 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 | 0.017 | 0.024 | 0.039 | 0.057 | 0.036 | 0.055 | 0.019 | 0.025 | 0.038 | 0.056 | 0.033 | 0.055 |

# R-squared estimates for Herbivory after flowering (binary) 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 | 0.119 | 0.138 | 0.131 | 0.131 | 0.131 | 0.131 | 0.118 | 0.136 | 0.126 | 0.126 | 0.129 | 0.129 |
| delta | 0.028 | 0.032 | 0.032 | 0.032 | 0.032 | 0.032 | 0.028 | 0.032 | 0.030 | 0.030 | 0.031 | 0.031 |

# R-squared estimates for Herbivory after flowering (quantitative) 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 | 0.08 | 0.093 | 0.085 | 0.103 | 0.086 | 0.104 | 0.079 | 0.093 | 0.086 | 0.103 | 0.086 | 0.104 |

# R-squared estimates for Weevil damage (binary) 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 | 0.081 | 0.159 | 0.080 | 0.178 | 0.081 | 0.180 | 0.081 | 0.159 | 0.079 | 0.178 | 0.080 | 0.180 |
| delta | 0.066 | 0.129 | 0.066 | 0.145 | 0.066 | 0.147 | 0.066 | 0.129 | 0.064 | 0.145 | 0.066 | 0.147 |

# R-squared estimates for Weevil damage (quantitative) 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 | 0.067 | 0.105 | 0.077 | 0.134 | 0.078 | 0.136 | 0.065 | 0.105 | 0.077 | 0.133 | 0.079 | 0.134 |