Table 1 – Type II

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Source of variation | |  | 2010 |  |  |  | 2011 |
| df | F | Estimate |  | df | F |
| A) Linear terms | |  |  |  |  |  |  |
|  | Phenology (early flowering) | 1 | 0.02 |  |  | 1 | 0.50 |
|  | Flower number | 1 | 183.73\*\*\* |  |  | 1 | 50.81\*\*\* |
|  | Shoot height | 1 | 7.18 \*\* | 0.128 |  | 1 | 0.47 |
|  | Population × Phenology | 19 | 3.61\*\*\* |  |  | 15 | 1.98\* |
|  | Population × Flower number | 19 | 3.88\*\*\* |  |  | 15 | 2.90\*\*\* |
|  | Population × Shoot height | 19 | 1.19 |  |  | 15 | 2.35\*\* |
|  |  |  |  |  |  |  |  |
| B) Non-linear terms | |  |  |  |  |  |  |
|  | Phenology 2 | 1 | 3.51 |  |  | 1 | 0.32 |
|  | Flower number 2 | 1 | 0.95 |  |  | 1 | 0.02 |
|  | Shoot height 2 | 1 | 0.19 |  |  | 1 | 0.00 |
|  | Population × Phenology 2 | 19 | 0.64 |  |  | 15 | 1.31 |
|  | Population × Flower number 2 | 19 | 1.88\* |  |  | 15 | 2.82 \*\*\* |
|  | Population × Shoot height 2 | 19 | 1.00 |  |  | 15 | 0.73 |
|  | Phenology × Flower number | 1 | 2.09 |  |  | 1 | 0.06 |
|  | Phenology × Shoot height | 1 | 0.45 |  |  | 1 | 2.16 |
|  | Flower number × Shoot height | 1 | 1.33 |  |  | 1 | 0.84 |
|  | Population × Phenology × Flower number | 19 | 2.39 \*\*\* |  |  | 15 | 2.42\*\* |
|  | Population × Phenology × Shoot height | 19 | 0.63 |  |  | 15 | 0.76 |
|  | Population × Flower number × Shoot height | 19 | 1.06 |  |  | 15 | 2.14 \*\* |

Table 2 – Type II

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Source of variation | 2010 | |  | 2011 | |
| df | 2 |  | df | 2 |
| Phenology (early flowering) | 1 | 0.00 |  | 1 | 0.86 |
| Flower number | 1 | 53.85\*\*\* |  | 1 | 27.82\*\*\* |
| Shoot height | 1 | 7.82\*\* |  | 1 | 0.21 |
| Predation | 1 | 0.11 |  | 1 | 0.00 |
| Predation × Phenology | 1 | 14.72\*\*\* |  | 1 | 14.95\*\*\* |
| Predation × Flower number | 1 | 0.01 |  | 1 | 3.69 |
| Predation × Shoot height | 1 | - |  | 1 | 5.69\* |

Table 1 – Type III

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Source of variation | |  | 2010 |  |  | 2011 |
| df | F |  | df | F |
| A) Linear terms | |  |  |  |  |  |
|  | Phenology (early flowering) | 1 | 1.59 |  | 1 | 0.42 |
|  | Flower number | 1 | 19.30\*\*\* |  | 1 | 8.78\*\* |
|  | Shoot height | 1 | 0.37 |  | 1 | 2.41 |
|  | Population × Phenology | 19 | 3.61\*\*\* |  | 15 | 1.98\* |
|  | Population × Flower number | 19 | 3.88\*\*\* |  | 15 | 2.90\*\*\* |
|  | Population × Shoot height | 19 | 1.19 |  | 15 | 2.35\*\* |
|  |  |  |  |  |  |  |
| B) Non-linear terms | |  |  |  |  |  |
|  | Phenology 2 | 1 | 0.01 |  | 1 | 0.04 |
|  | Flower number 2 | 1 | 1.28 |  | 1 | 0.77 |
|  | Shoot height 2 | 1 | 1.74 |  | 1 | 0.04 |
|  | Population × Phenology 2 | 19 | 0.64 |  | 15 | 1.31 |
|  | Population × Flower number 2 | 19 | 1.88\* |  | 15 | 2.82 \*\*\* |
|  | Population × Shoot height 2 | 19 | 1.00 |  | 15 | 0.73 |
|  | Phenology × Flower number | 1 | 2.66 |  | 1 | 0.01 |
|  | Phenology × Shoot height | 1 | 0.63 |  | 1 | 0.10 |
|  | Flower number × Shoot height | 1 | 1.24 |  | 1 | 0.64 |
|  | Population × Phenology × Flower number | 19 | 2.39 \*\*\* |  | 15 | 2.42\*\* |
|  | Population × Phenology × Shoot height | 19 | 0.63 |  | 15 | 0.76 |
|  | Population × Flower number × Shoot height | 19 | 1.06 |  | 15 | 2.14 \*\* |

Table 2 – Type III

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Source of variation | 2010 | |  | 2011 | |
| df | 2 |  | df | 2 |
| Phenology (early flowering) | 1 | 8.60\*\* |  | 1 | 13.53\*\*\* |
| Flower number | 1 | 22.09\*\*\* |  | 1 | 2.41 |
| Shoot height | 1 | 2.11 |  | 1 | 2.83 |
| Predation | 1 | 0.16 |  | 1 | 0.00 |
| Predation × Phenology | 1 | 15.38\*\*\* |  | 1 | 14.95\*\*\* |
| Predation × Flower number | 1 | 0.01 |  | 1 | 3.69 |
| Predation × Shoot height | 1 | 0.04 |  | 1 | 5.69\* |