**Table #** Effects of temperature and light variability on aboveground biomass\*

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Aboveground Biomass** | | |
|  | df | *Χ2* | *p* |
| TV | 1 | 0.040884 | 0.839762 |
| LV | 1 | 0.057144 | 0.811068 |
| TV:LV | 1 | 0.002824 | 0.957623 |
| \* Significance determined using … | | | |

**Table #** Effects of temperature and light variability on δ13C, Ntotal, Chlarea, and SLA\*

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **δ13C** | | **Ntotal** | | **Chlarea** | | **SLA** | |
|  | df | *Χ2* | *p* | *Χ2* | *p* | *Χ2* | *p* | *Χ2* | *p* |
| TV | 1 | 0.040884 | 0.839762 | 0.040884 | 0.839762 | 0.040884 | 0.839762 | 0.040884 | 0.839762 |
| LV | 1 | 0.057144 | 0.811068 | 0.057144 | 0.811068 | 0.057144 | 0.811068 | 0.057144 | 0.811068 |
| TV:LV | 1 | 0.002824 | 0.957623 | 0.002824 | 0.957623 | 0.002824 | 0.957623 | 0.002824 | 0.957623 |
| \* Significance determined using … | | | | | | | | | |

**Table #** Effects of temperature and light variability on leaf gas exchange \*

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **Vcmax** | | **Jmax** | | **Anet** | | **gsw** | | **Rd** | |
|  | df | *Χ2* | *p* | *Χ2* | *p* | *Χ2* | *p* | *Χ2* | *p* | *Χ2* | *p* |
| TV | 1 | 0.014 | 0.905 | 0.015 | 0.901 | 0.254 | 0.614 | 2.541 | 0.111 | 0.022 | 0.883 |
| LV | 1 | 0.001 | 0.980 | 0.002 | 0.961 | 0.000 | 0.991 | 0.677 | 0.411 | 1.421 | 0.233 |
| tleaf\_fac | 2 | 497.340 | 1.009x10-108 | 8.129 | 0.017 | 98.050 | 5.115x10-22 | 7.741 | 0.021 | 3540.347 | 0.000 |
| TV:LV | 1 | 0.039 | 0.843 | 0.086 | 0.769 | 0.164 | 0.685 | 0.523 | 0.469 | 0.071 | 0.790 |
| TV:tleaf\_fac | 2 | 2.337 | 0.311 | 1.725 | 0.422 | 1.431 | 0.489 | 3.222 | 0.200 | 0.055 | 0.973 |
| LV:tleaf\_fac | 2 | 0.326 | 0.849 | 0.401 | 0.819 | 0.209 | 0.901 | 1.238 | 0.538 | 1.624 | 0.444 |
| TV:LV:tleaf\_fac | 2 | 0.148 | 0.929 | 0.157 | 0.925 | 0.020 | 0.990 | 0.509 | 0.775 | 2.412 | 0.299 |
| \* Significance determined using … | | | | | | | | | | | |