|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Table S1.** Linear models testing the influence of treatment (burned vs. unburned) plant material (leaf, stem) on sage biomass prior to addition to aquatic mesocosms. Factor interactions were excluded*,* except for their three-way interaction, which allowed for *a priori* contrasts of burning effects within plant tissue types in a single species. | | | | | |
| *Sage biomass* | *Effect* | *SS* | *df* | *F* | *p-value* |
| Nitrogen (%N) | Treatment | 0.028 | 1 | 8.663 | **0.019** |
|  | Type | 0.260 | 1 | 80.525 | **<0.001** |
|  | Treatment:Type | 0.071 | 1 | 21.810 | **0.002** |
|  | Residual | 0.026 | 8 |  |  |
|  |  |  |  |  |  |
| Phosphorous (%P) | Treatment | 0.001 | 1 | 1.968 | 0.198 |
|  | Type | 0.008 | 1 | 19.306 | **0.002** |
|  | Treatment:Type | 0.0001 | 1 | 0.144 | 0.714 |
|  | Residual | 0.003 | 8 |  |  |
|  |  |  |  |  |  |
| Potassium (%K) | Treatment | 0.256 | 1 | 7.616 | **0.025** |
|  | Type | 0.180 | 1 | 5.357 | **0.049** |
|  | Treatment:Type | 0.074 | 1 | 2.188 | 0.177 |
|  | Residual | 0.269 | 8 |  |  |
|  |  |  |  |  |  |
| Sulfur (%S) | Treatment | 0.0001 | 1 | 0.132 | 0.726 |
|  | Type | 0.112 | 1 | 141.389 | **<0.001** |
|  | Treatment:Type | 0.0003 | 1 | 0.489 | 0.504 |
|  | Residual | 0.006 | 8 |  |  |
|  |  |  |  |  |  |
| Zinc (Zn ppm) | Treatment | 3,074 | 1 | 2.336 | 0.165 |
|  | Type | 3,281 | 1 | 2.494 | 0.153 |
|  | Treatment:Type | 1,236 | 1 | 0.940 | 0.361 |
|  | Residual | 10,524 | 8 |  |  |
| ANOVA table generated from Type-III sum of squares using *car* package in R. *SS* = sum of squares; *df* = degrees of freedom; *MS* = mean sum of squares. Significant effects (p<0.05) are in bold. | | | | | |