**Table 1** Analysis of variance of the abundance and average seedling/seed richness between the seasons (flood and dry) and methods (EME, SUB and COU), in seasonally flooded grasslands in Pantanal wetland (Central West Brazil).

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Response variable | Source of variation | Df | F value | P value |
| Two-Way ANOVA | Seedling/seeds richness | Season | 1 | 169.70 | <0.001 |
| Methods | 2 | 247.45 | <0.001 |
| Season\*Methods | 2 | 37.22 | <0.001 |
| Residuals | 1434 |  |  |
|  |  |  |  |  |
| Seedling/seeds abundance | Season | 1 | 17.64 | <0.001 |
| Methods | 2 | 173.57 | <0.001 |
| Season\*Methods | 2 | 8.33 | <0.001 |
| Residuals | 1434 |  |  |
|  |  |  |  |  |  |
| One-Way ANOVA | Seedling richness(COU x SUB+EME) | Methods | 2 | 13.70 | 0.039 |
| Residuals | 717 |  |  |
|  |  |  |  |  |
| Seedling abundance(COU x SUB+EME) | Methods | 2 | 19.94 | 0.045 |
| Residuals | 717 |  |  |