Supplemental Table 1: ANOVA results for comparison of rimsulfuron, imazapic, and indaziflam desorption from downy brome (*Bromus tectorum*), ventenata (*Ventenata dubia*) and medusahead(*Taeniatherum caput-medusae*) litter with 12 mm rainfall at 0 d and 1 d after treatment.

|  |  |  |  |
| --- | --- | --- | --- |
| Treatment | *df* | F | P value |
| Rimsulfuron |  |  |  |
| 0 d | 2 | 3.7094 | 0.051 |
| 1 d | 2 | 0.1972 | 0.8245 |
| Imazapic |  |  |  |
| 0 d | 2 | 1.7652 | 0.2495 |
| 1 d | 2 | 1.7426 | 0.2531 |
| Indaziflam |  |  |  |
| 0 d | 2 | 0.349 | 0.7188 |
| 1 d | 2 | 1.2548 | 0.3153 |