**S6 Table. 13C recovery (mg 13C excess, and % of 13C excess applied via glutamine) in plant (sum of fine roots, coarse roots, stem, leaves) for the single harvesting dates (month\_time after glutamine labelling).**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Mean**  **[mg 13C excess]** | **SD** | **% of applied**  **13C excess** | **Mean**  **[mg 13C excess]** | **SD** |
| **June\_6h** | 0.0072 | 0.0078 | 0.4280 | -0.0028 | 0.0031 |
| **June\_48h** | -0.0006 | 0.0032 | -0.0347 | -0.0127 | 0.0082 |
| **August\_6h** | 0.0003 | 0.0056 | 0.0194 | -0.0007 | 0.0031 |
| **August\_48h** | 0.0002 | 0.0048 | 0.0108 | 0.0005 | 0.0043 |
| **September\_3months** | 0.0248 | 0.0086 | 1.4719 | 0.0117 | 0.0112 |

No significant differences were observed between NW and SW.