SUPPLEMENTARY MATERIAL

Table S1. Adjusted p values obtained from the Dunn’s multiple comparisons test, following Kruskal-Wallis test, performed on relative amounts of O, F, Na, P, Cl and Ca elements, measured by EDS for Ctrl, G1, G2, G3 and CONV.

|  |  |
| --- | --- |
|  | ***Exact p values*** |
|  | **O** | **F** | **Na** | **P** | **Cl** | **Ca** |
| Ctrl vs. G1 | >0.9999 | >0.9999 | 0.8208 | >0.9999 | >0.9999 | >0.9999 |
| Ctrl vs. G2 | 0.0619 | 0.1550 | >0.9999 | >0.9999 | >0.9999 | 0.0350 |
| Ctrl vs. G3 | 0.0467 | 0.0119 | >0.9999 | 0.2851 | >0.9999 | 0.2252 |
| Ctrl vs. CONV | >0.9999 | >0.9999 | >0.9999 | >0.9999 | 0.9646 | >0.9999 |
| G1 vs. G2 | >0.9999 | >0.9999 | >0.9999 | >0.9999 | >0.9999 | >0.9999 |
| G1 vs. G3 | >0.9999 | 0.2523 | >0.9999 | >0.9999 | 0.2368 | >0.9999 |
| G1 vs. CONV | >0.9999 | >0.9999 | >0.9999 | >0.9999 | >0.9999 | >0.9999 |
| G2 vs. G3 | >0.9999 | >0.9999 | >0.9999 | >0.9999 | 0.8756 | >0.9999 |
| G2 vs. CONV | >0.9999 | >0.9999 | >0.9999 | >0.9999 | >0.9999 | 0.8290 |
| G3 vs. CONV | 0.8290 | 0.9103 | >0.9999 | >0.9999 | 0.0561 | >0.9999 |

Table S2. Adjusted p values obtained from the Dunn’s multiple comparisons test, following Kruskal-Wallis test, performed on the values of the ratios A984+A1090/A1649, A869/A1649, and A869/A984+A1090, calculated for Ctrl, G1, G2, G3 and CONV.

|  |  |
| --- | --- |
|  | ***Exact p values*** |
|  | **A984+A1090/A1649** | **A869/A1649** | **A869/A984+A1090** |
| Ctrl vs. G1 | >0.9999 | >0.9999 | >0.9999 |
| Ctrl vs. G2 | >0.9999 | >0.9999 | >0.9999 |
| Ctrl vs. G3 | 0.0196 | 0.0196 | 0.0453 |
| Ctrl vs. CONV | 0.2018 | 0.2018 | 0.3892 |
| G1 vs. G2 | >0.9999 | >0.9999 | >0.9999 |
| G1 vs. G3 | 0.5286 | 0.2018 | 0.0985 |
| G1 vs. CONV | >0.9999 | >0.9999 | 0.7076 |
| G2 vs. G3 | 0.5286 | >0.9999 | >0.9999 |
| G2 vs. CONV | >0.9999 | >0.9999 | >0.9999 |
| G3 vs. CONV | >0.9999 | >0.9999 | >0.9999 |