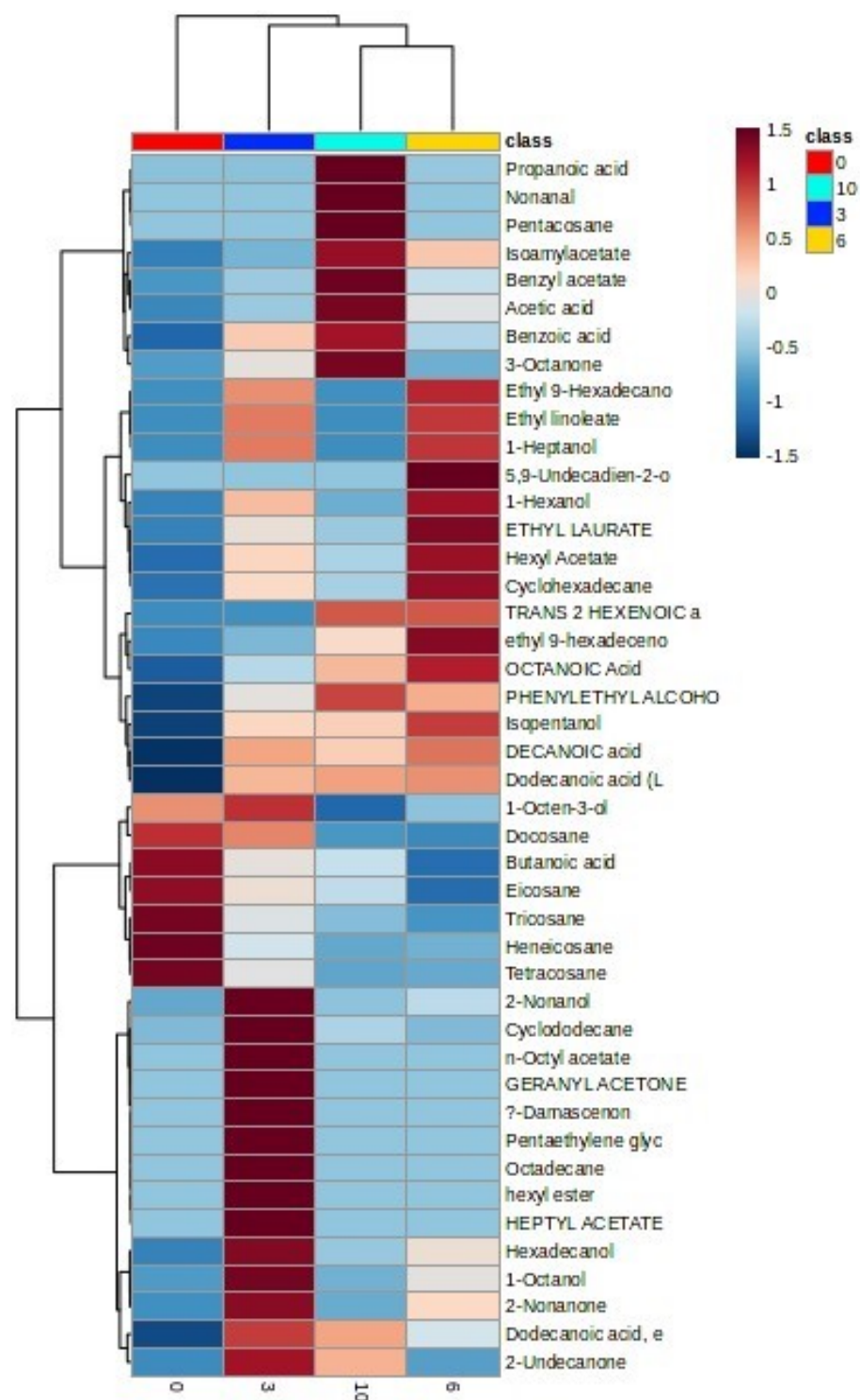
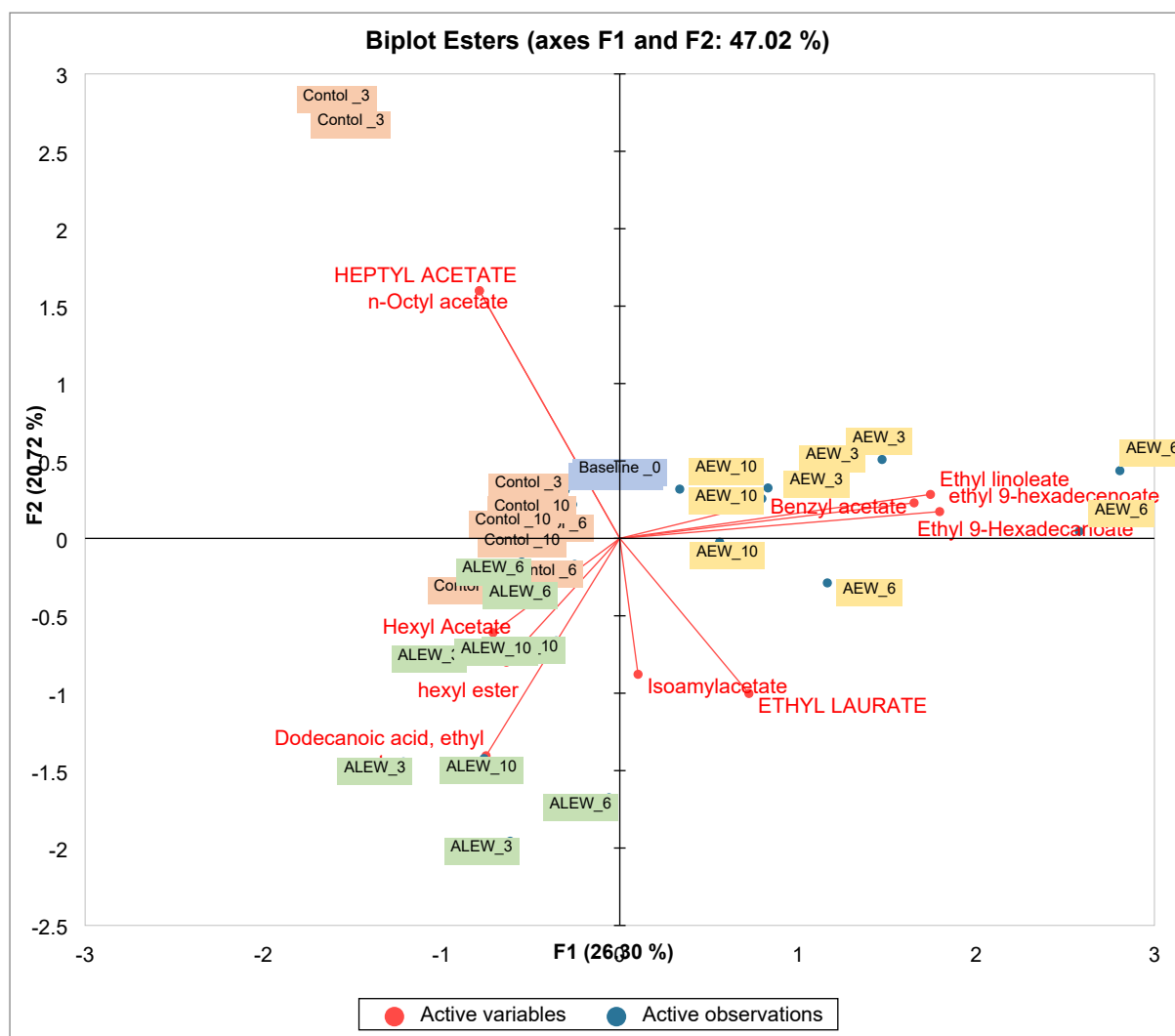


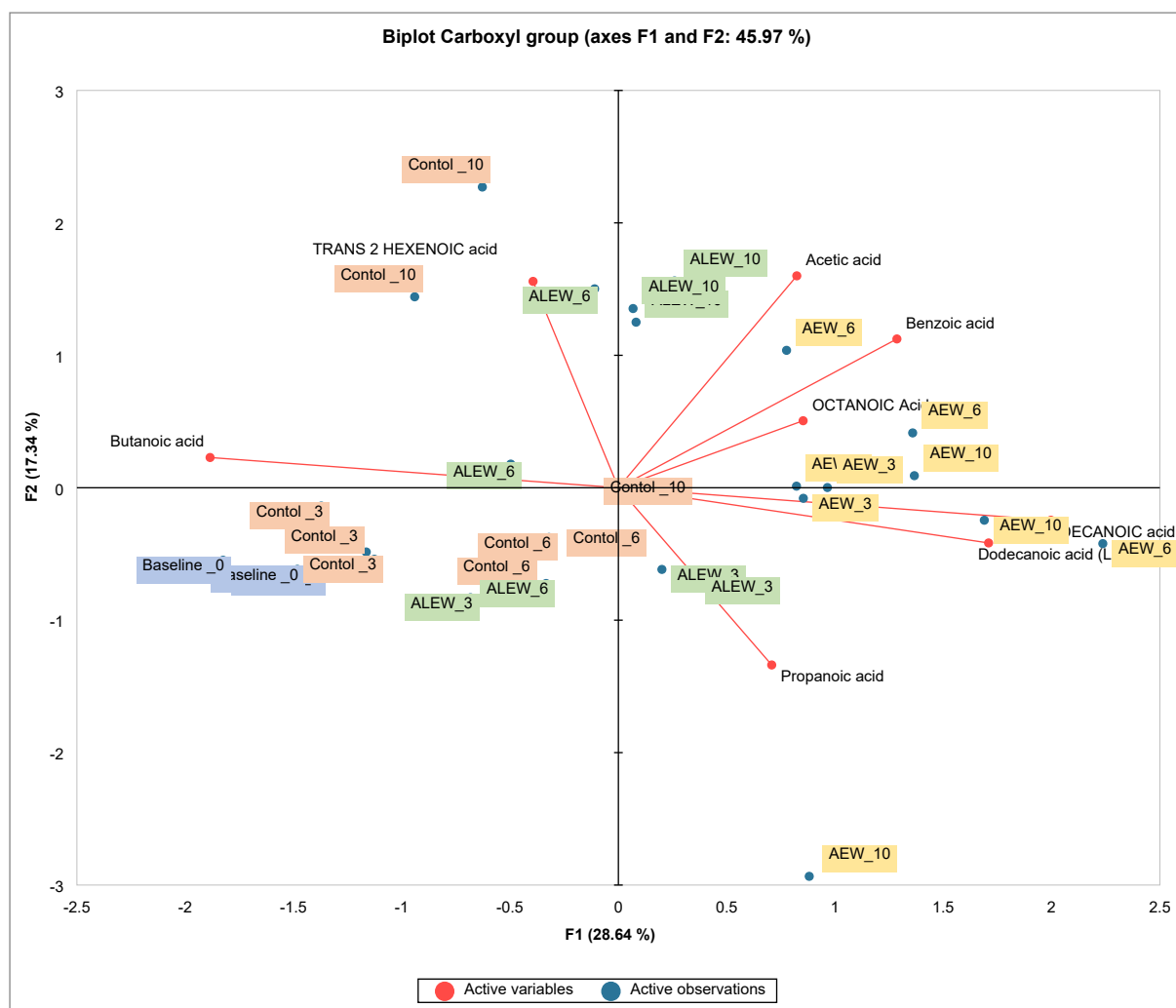
Supplementary Figures



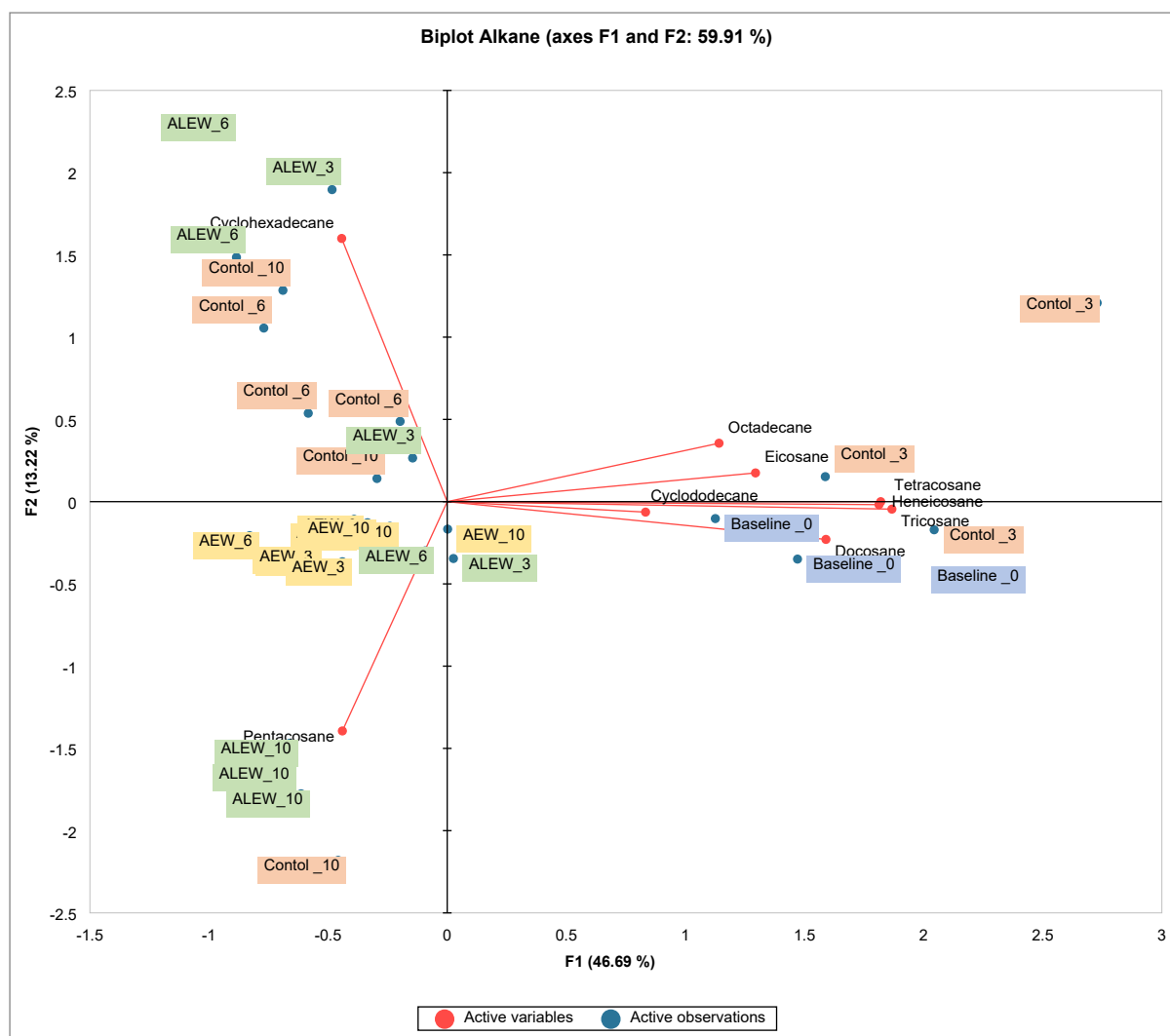
Supplementary Figure 1. Normalized values of volatile organic compounds distribution during storage of fresh-cut apple at different treatment conditions.



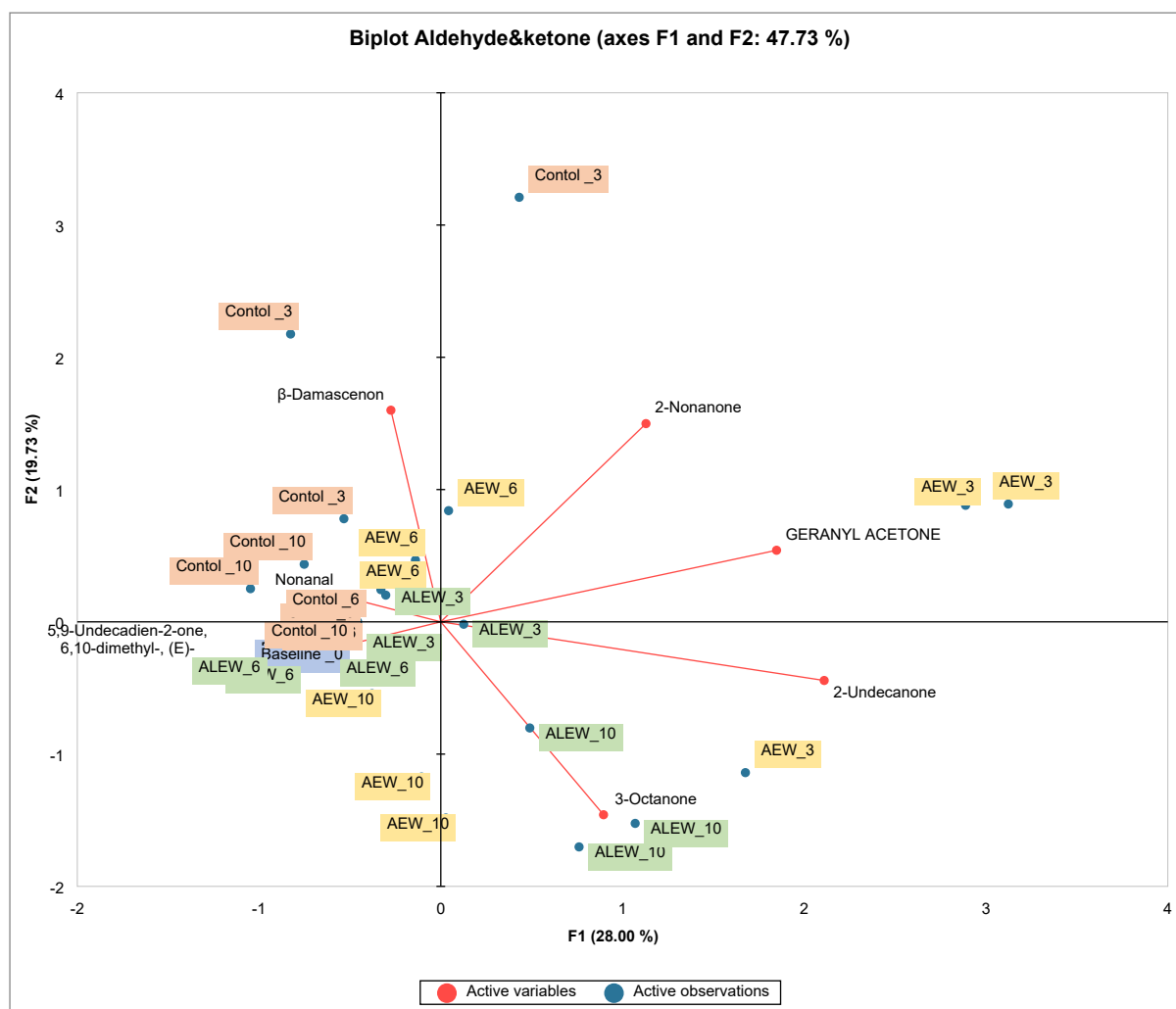
Supplementary Figure 2. PCA biplot for Ester VOCs in fresh-cut apple (cv. Granny Smith) treated with ALEW (alkaline electrolysed water), AEW (acidic electrolysed water) treatments and control (untreated) during storage of day 3, 6 and 10 at 2 °C.



Supplementary Figure 4. PCA biplot for carboxyl group VOCs in fresh-cut apple (cv. Granny Smith) treated with ALEW (alkaline electrolysed water), AEW (acidic electrolysed water) treatments and control (untreated) during storage of day 3, 6 and 10 at 2 °C.



Supplementary Figure 5. PCA biplot for Alkane VOCs in fresh-cut apple (cv. Granny Smith) treated with ALEW (alkaline electrolysed water), AEW (acidic electrolysed water) treatments and control (untreated) during storage of day 3, 6 and 10 at 2 °C.



Supplementary Figure 6. PCA biplot for Alcohols VOCs in fresh-cut apple (cv. Granny Smith) treated with ALEW (alkaline electrolysed water), AEW (acidic electrolysed water) treatments and control (untreated) during storage of day 3, 6 and 10 at 2 °C.