



**Fig. S8** Chlorophyll fluorescence parameters  $F_v/F_m$  and  $F_0$  in *Q. cerris* and *Q. robur* plants under acute (A, B) and chronic (C, D) exposure to HT treatment. The data is presented with mean value  $\pm$  the upper and lower percentile for the confidence interval  $p < 0.05$  ( $n = 9$ ). Accompanying letters indicate statistically significant difference according to the Tukey HSD test.  $F_v/F_m$  - maximal quantum yield of PSII photochemistry;  $F_0$  - minimal fluorescence yield of the dark adapted state.