



**Figure 3.** Leaf biochemical and morphological traits in Koshihikari and Takanari rice cultivars under control and chronic O<sub>3</sub> conditions in 2019.

(A) Nitrogen content, (B) chlorophyll<sub>a+b</sub> content, (C) RuBisCO content, (D) RuBisCO activation state, (E) stomatal density, and (F) guard cell length were measured for Koshihikari (red) and Takanari (blue) on the same leaf as gas exchange measurements were conducted in 2019. The results are shown as relative values (%) obtained under chronic O<sub>3</sub> conditions to those obtained under control conditions (n = 4–6 for each condition). \* and \*\* indicate significant differences of each trait under control and chronic O<sub>3</sub> conditions in Koshihikari and Takanari at  $p < 0.05$  and  $0.01$ , respectively. The dashed line represents the line where the value for each trait is 100%.