



**Figure 5.** Correlation analysis among photosynthesis, growth, and yield-related traits under control and chronic O<sub>3</sub> conditions of Koshihikari and Takanari rice cultivars.

The correlation co-efficients of the CO<sub>2</sub> assimilation rate per unit leaf area ( $A$ ), stomatal conductance ( $g_s$ ), intercellular CO<sub>2</sub> concentration ( $C_i$ ), electron transport rate (ETR), CO<sub>2</sub> assimilation rate at the single-leaf level ( $A_{leaf}$ ), single leaf-blade area (LA), plant height (PH), tiller number (TN), grain weight (GW), and total dry weight (TDW) were analyzed. In addition, we plotted the replication data of GY against (C, E) LA and (D, F) TN observed under control (deep color) and chronic O<sub>3</sub> (pale color) conditions in (C, D) Koshihikari (red) and (E, F) Takanari (blue) plants. \* and \*\* indicate significant correlations among parameters at  $p < 0.05$  and  $0.01$ , respectively.