

Table 1. Chemical composition of *Panicum maximum* in different climate conditions. Mean values \pm SEM (n=3) marked with different letters in the same column are significantly different ($p \leq 0.05$, Tukey's test).

Chemical Composition (%)					
Biomass	Total Glucan	Total Hemicellulose	Total Lignin	Ash	Extractives
Control (C)	25.8 \pm 0.5 ^a	16.5 \pm 0.2 ^a	27.21 \pm 1.0 ^a	11.12 \pm 0.2 ^a	4.12 \pm 0.1 ^a
Elevate Temperature (eT)	30.2 \pm 0.03 ^b	16.8 \pm 0.03 ^a	28.81 \pm 0.8 ^a	11.54 \pm 0.4 ^a	4.44 \pm 0.05 ^a
Elevate CO₂ (eC)	27.0 \pm 0.7 ^a	17.7 \pm 0.05 ^b	26.76 \pm 0.6 ^a	11.73 \pm 0.25 ^a	4.43 \pm 0.1 ^a
eTemperature+eCO₂ (eT+eC)	29.7 \pm 0.4 ^b	16.6 \pm 0.2 ^a	29.38 \pm 0.6 ^a	11.30 \pm 0.5 ^a	4.08 \pm 0.1 ^a

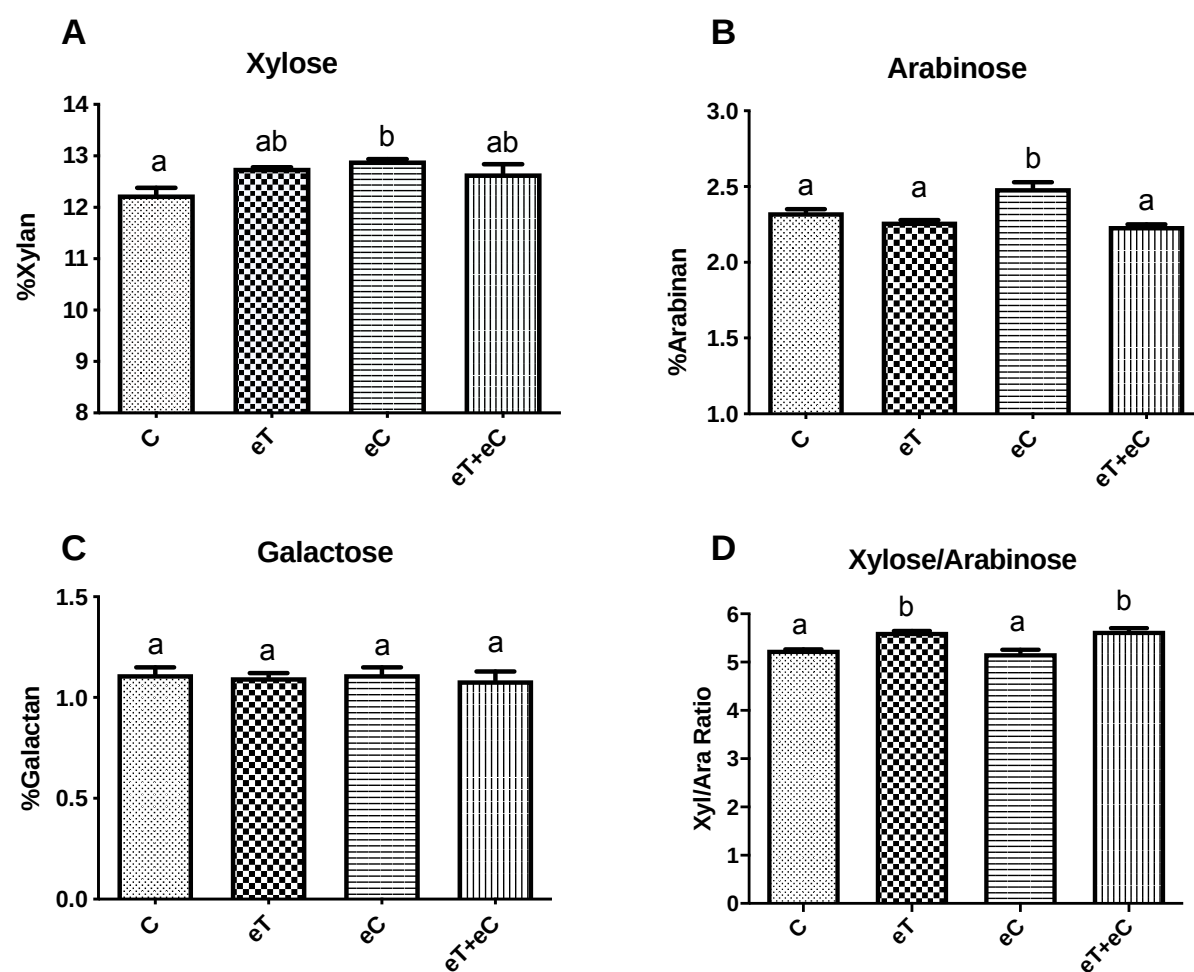


FIGURE 1

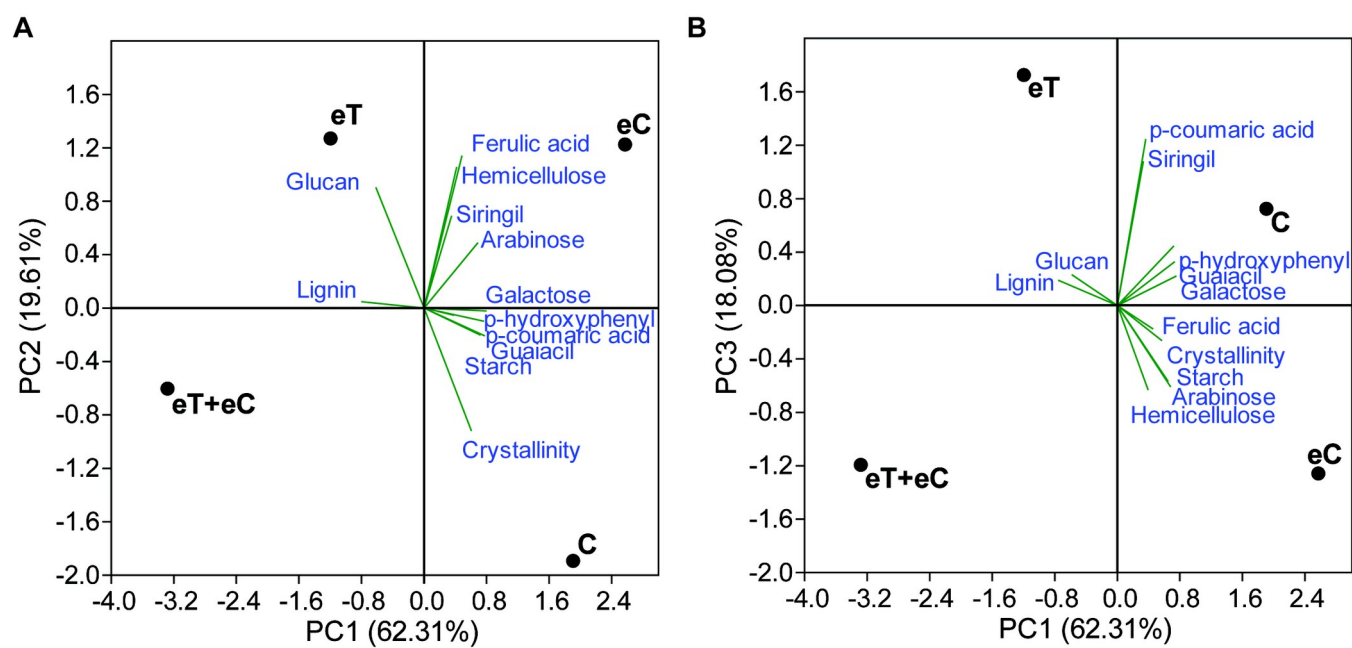


FIGURE 2

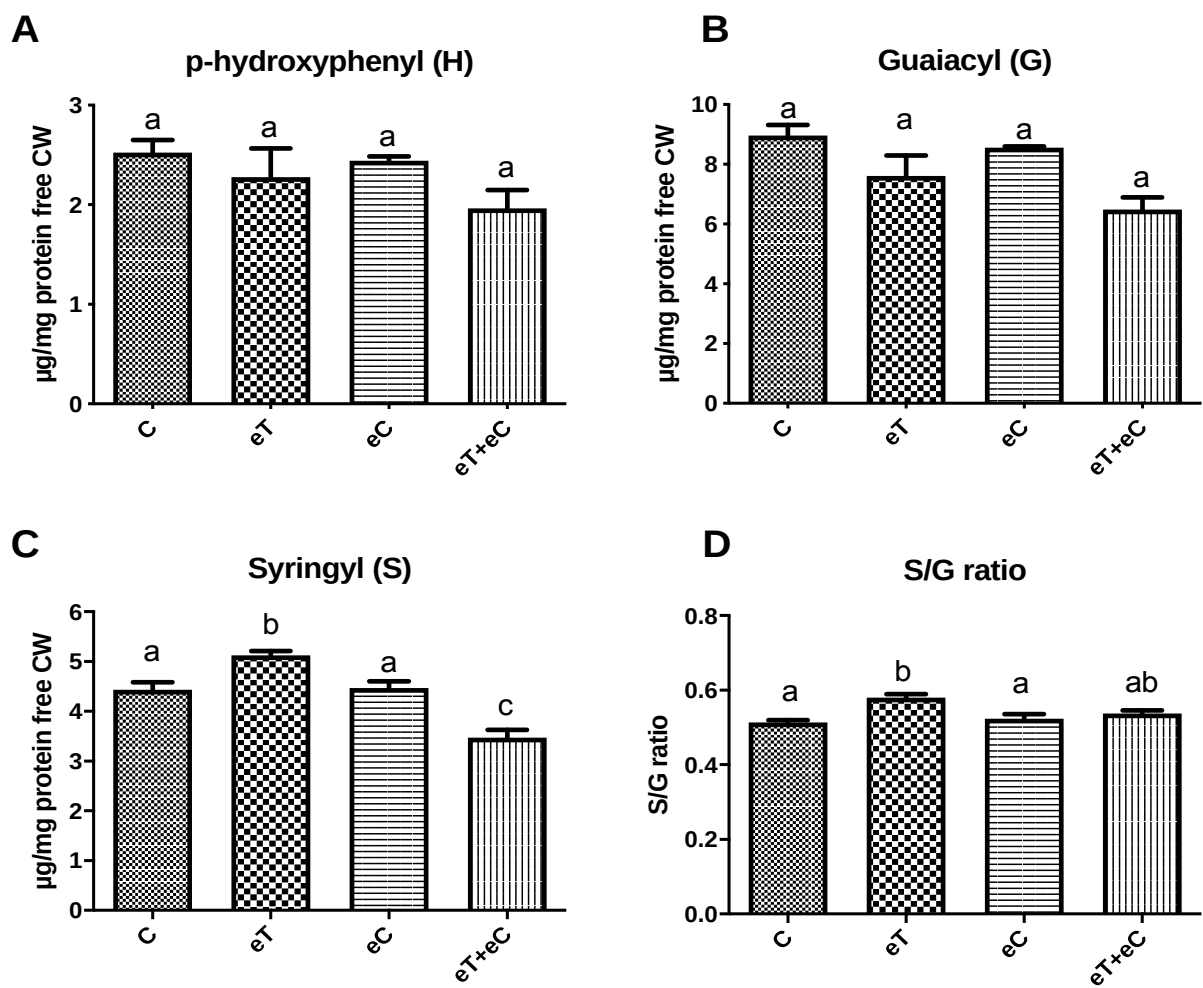
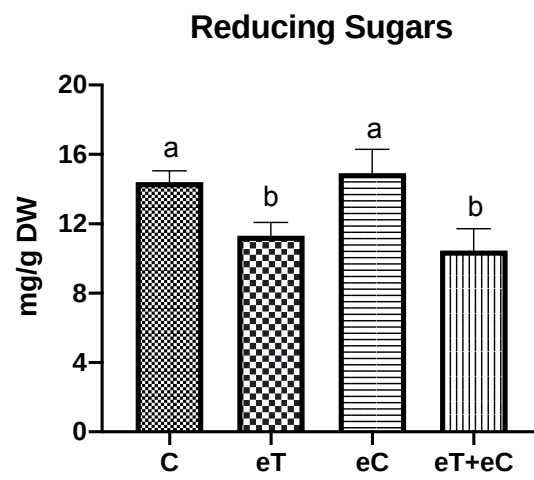


FIGURE 3

A



B

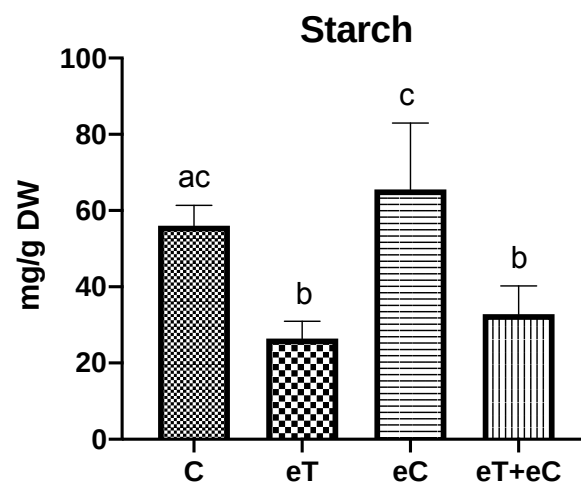


FIGURE 4

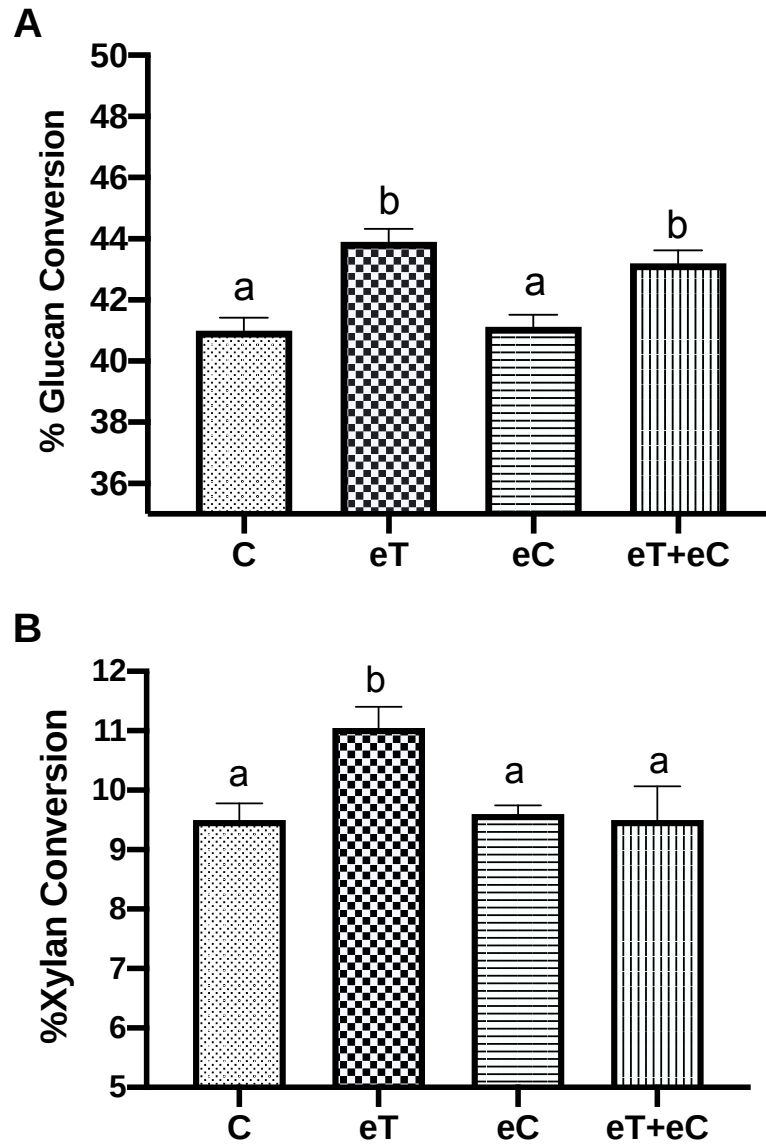


FIGURE 5

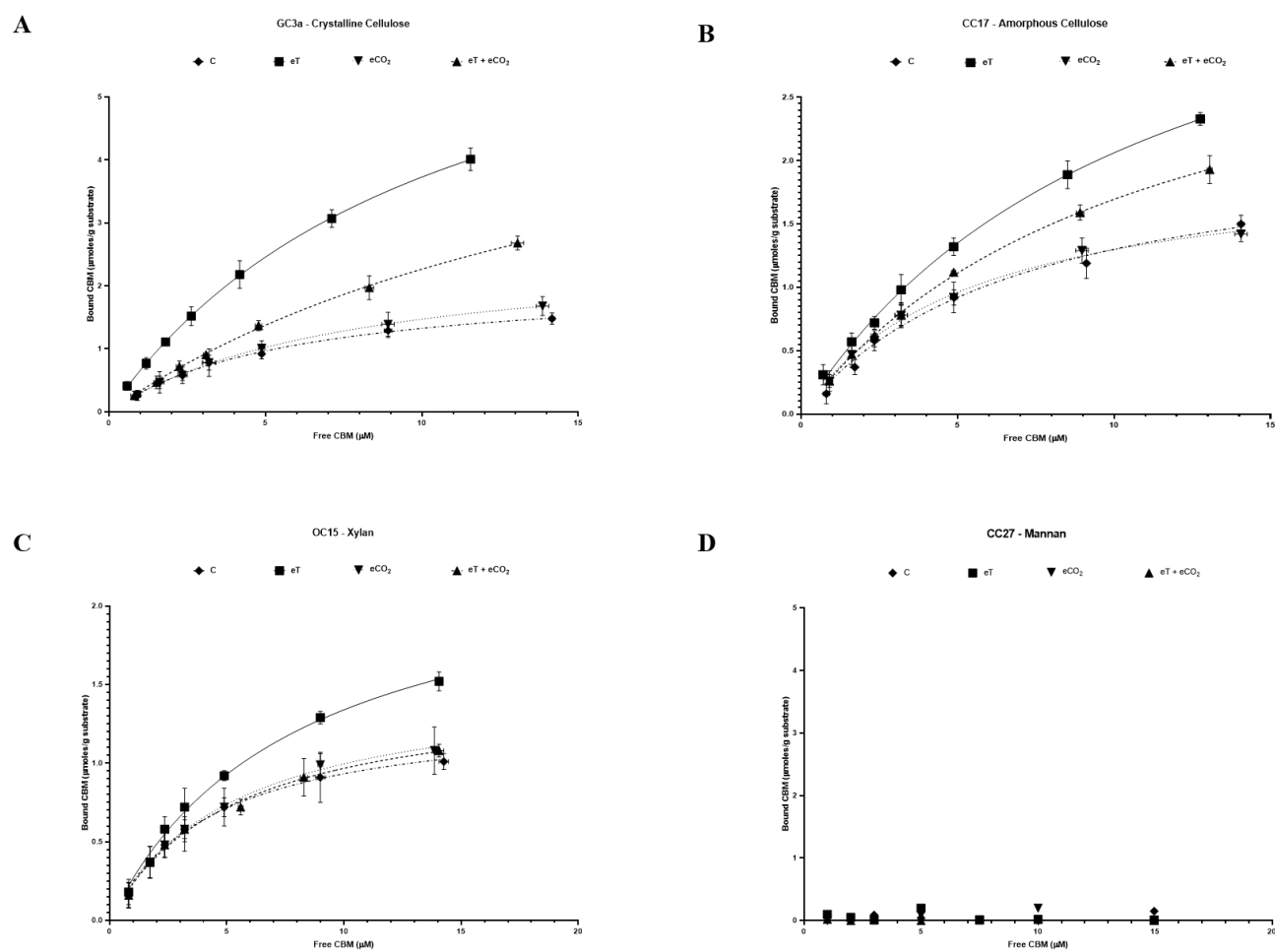


FIGURE 6

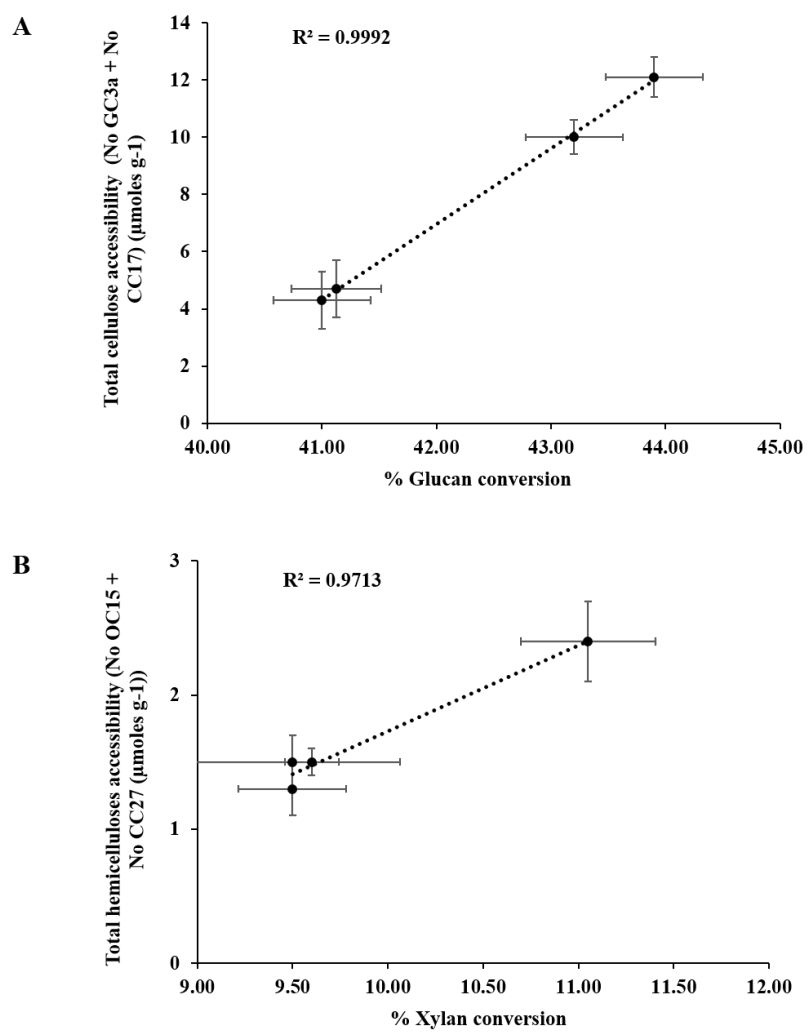


FIGURE 7