

## Supplementary Figures

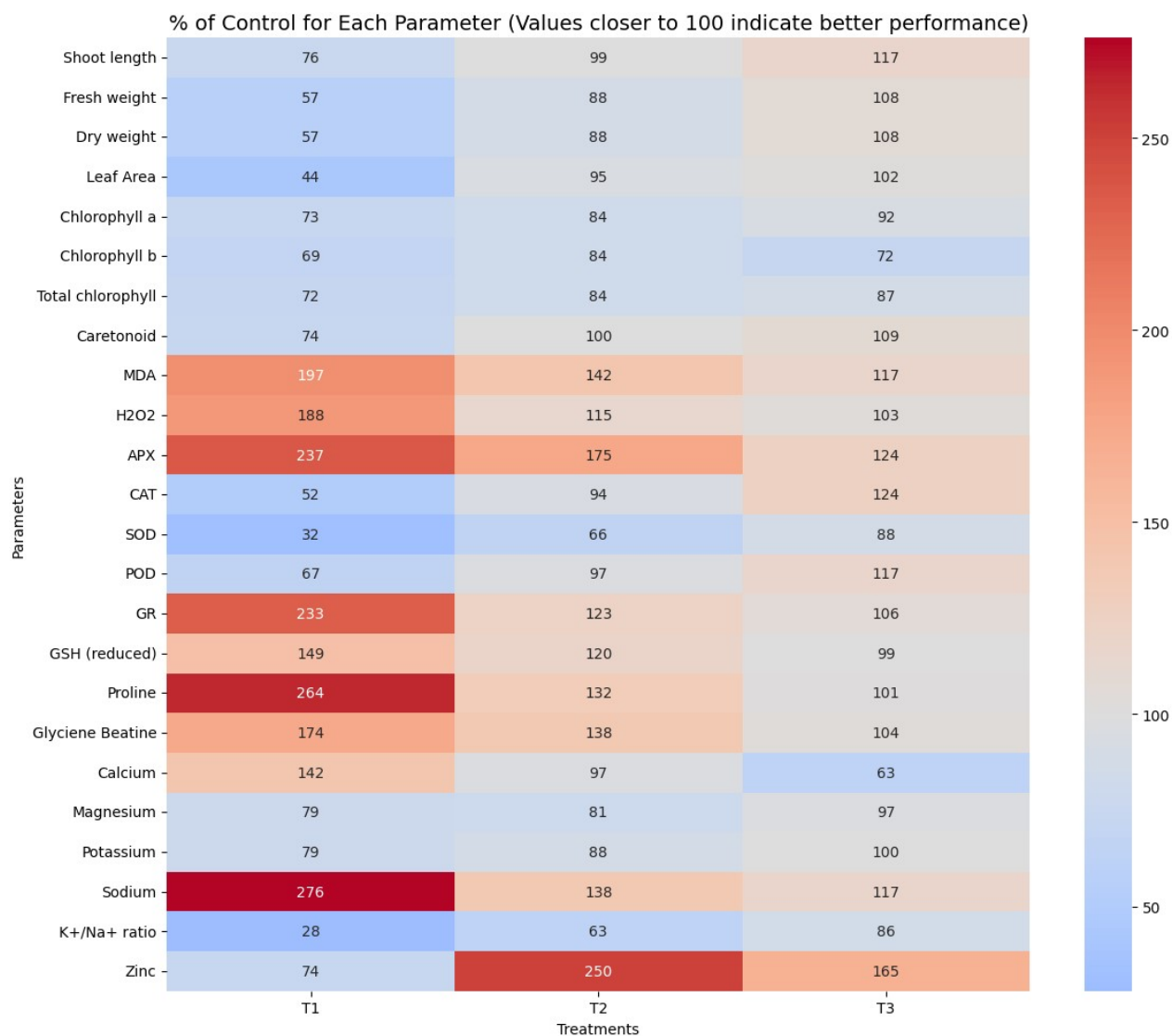


Fig. S1 Heatmap plot of average % control for various plant parameters under treatments 40 mM NaCl stress (T1), 5 ppm ZnO NPs + 40 mM NaCl (T2), and 5 ppm MZ NPs + 40 mM NaCl (T3).

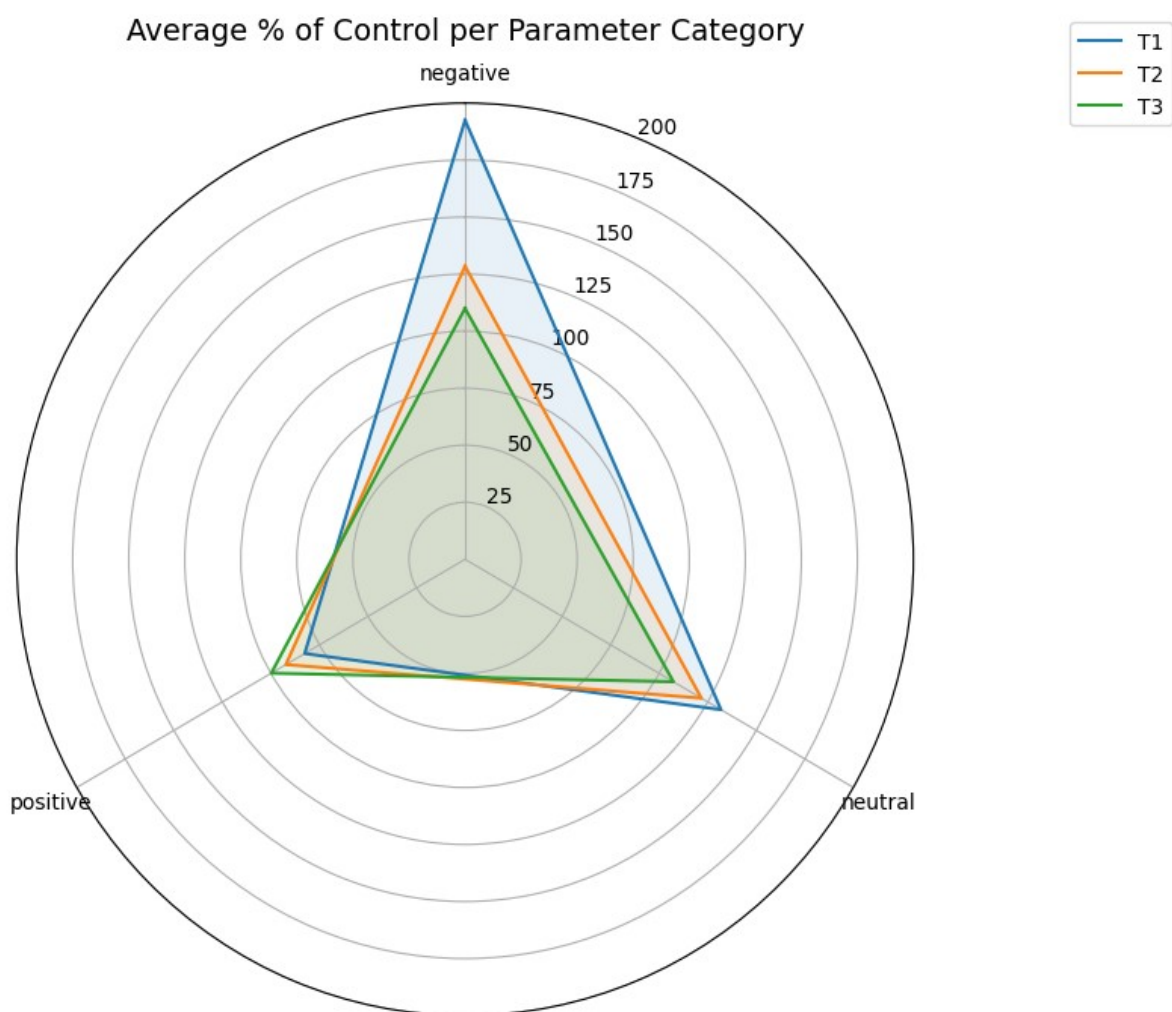


Fig. S2 Radar plot showing the average percentage of control for various plant parameters under different treatments: 40 mM NaCl stress (T1), 5 ppm ZnO nanoparticles + 40 mM NaCl (T2), and 5 ppm MZ nanoparticles + 40 mM NaCl (T3).

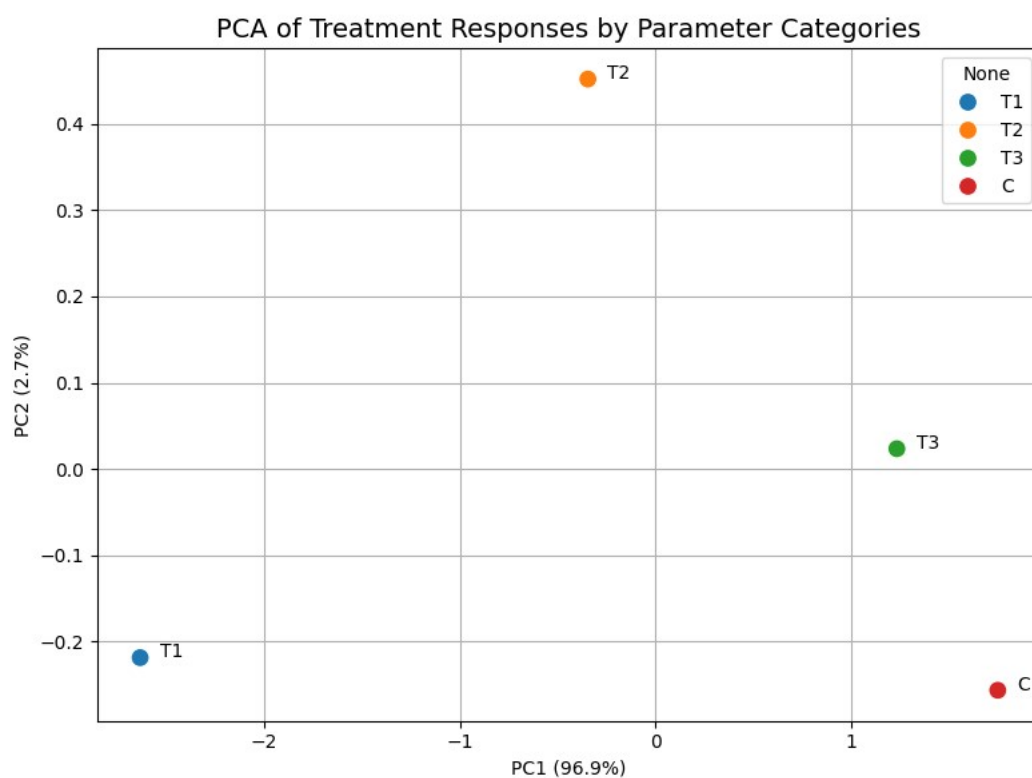


Fig. S3 Principal component analysis of treatment responses across parameter categories under different treatments: 40 mM NaCl stress (T1), 5 ppm ZnO nanoparticles + 40 mM NaCl (T2), and 5 ppm MZ nanoparticles + 40 mM NaCl (T3).