

Supplementary Data

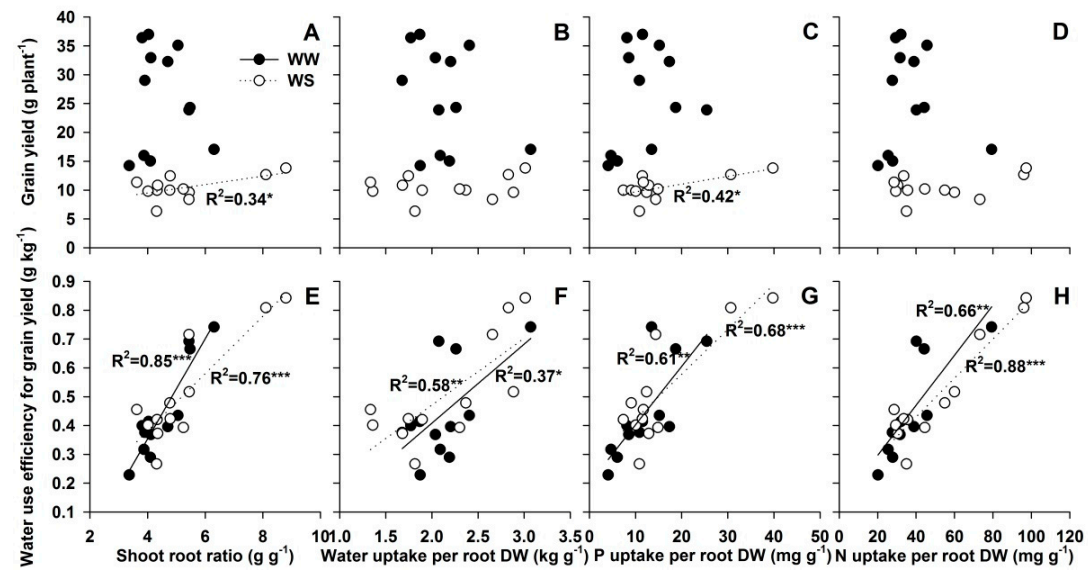


Figure 1. The relationship between grain yield (g plant⁻¹) and (A) water uptake per root dry weight (DW, kg g⁻¹DW), (B) shoot root ratio (g g⁻¹) and (C) P uptake per root dry weight (DW, mg P g⁻¹DW); and (D) N uptake per root DW (mg N g⁻¹DW), water use efficiency for grain yield (g L⁻¹) and (E) water uptake per root dry weight (DW, kg g⁻¹DW), (F) shoot root ratio (g g⁻¹) and (G) P uptake per root dry weight (DW, mg g⁻¹DW); and (H) N uptake per root DW (mg P g⁻¹DW) of four soybean genotypes under two water treatments and three P levels.

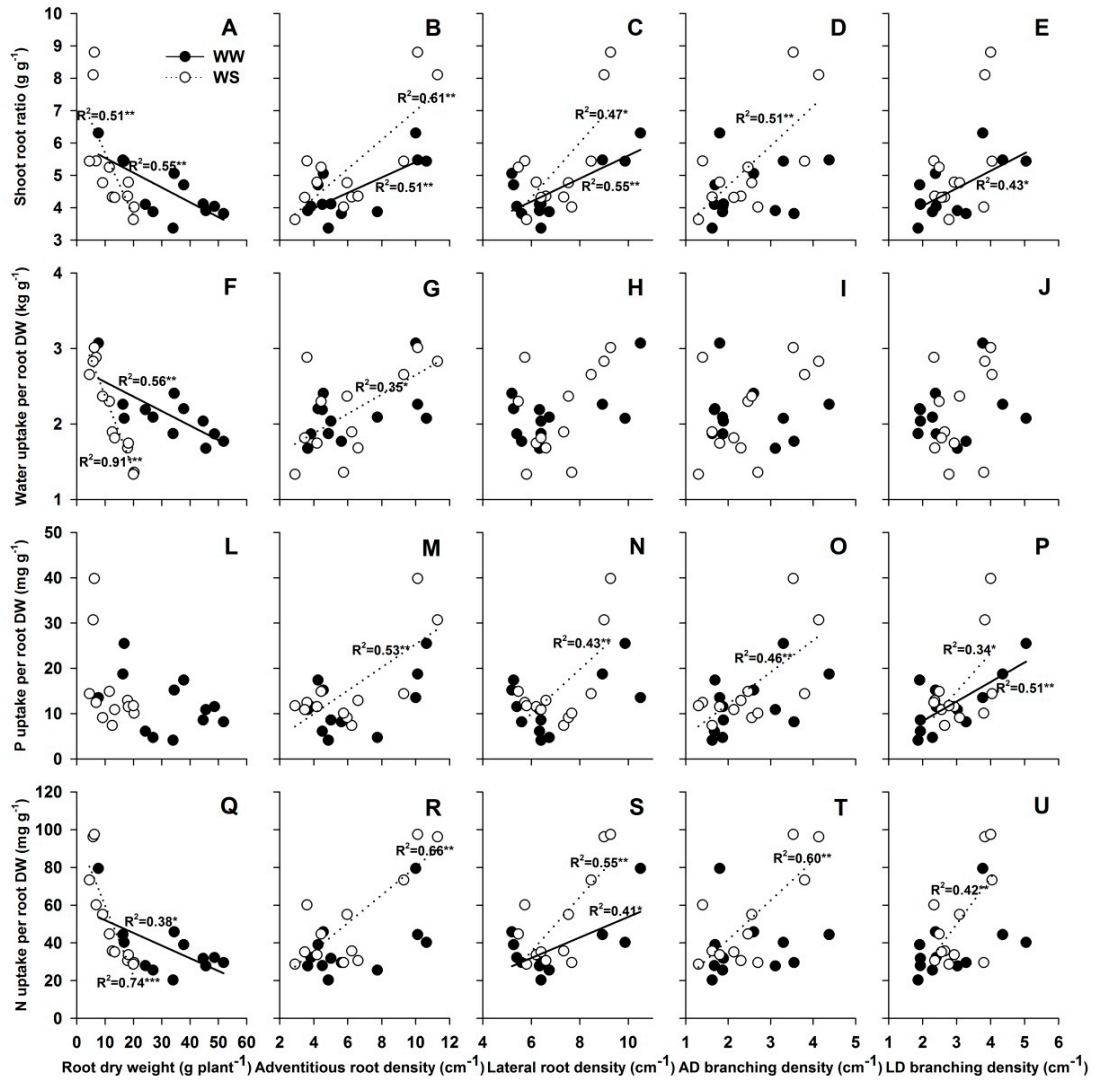


Figure 2. The relationship between root dry weight (g plant⁻¹), adventitious root (AD) density (cm⁻¹), lateral root (LD) density (cm⁻¹), adventitious root branching density (cm⁻¹), lateral root branching density (cm⁻¹) and (A–E) shoot root ratio (g g⁻¹), (F–J) water uptake per root dry weight (kg g⁻¹), (L–P) P uptake per root DW (mg g⁻¹), and (Q–U) N uptake per root DW (mg g⁻¹) of four soybean genotypes under two water treatments and three P levels.