



Figure 3. Summary of preharvest measurements in IWG breeding lines in Kentucky. For each plot, histograms show the number of individual plants with a given trait value. Each row is a different location that breeding lines were evaluated (LEX, Lexington; PRN, Princeton; QKS, Quicksand; WDF, Woodford). Each column is a phenotype. From left to right: (Left) Plant diameter, measured in centimeters mid-summer 2024; (Center) Spike emergence, measured in centimeters, is the length of the average spike emerged from the plant in early July. Spike emergence is only measured at one time and provides information about relative maturation speed between genets; (Right) is anthesis rating on a 1-9 scale. Like spike emergence, anthesis rating is measured once, and provides information about the rate at which genets are maturing.