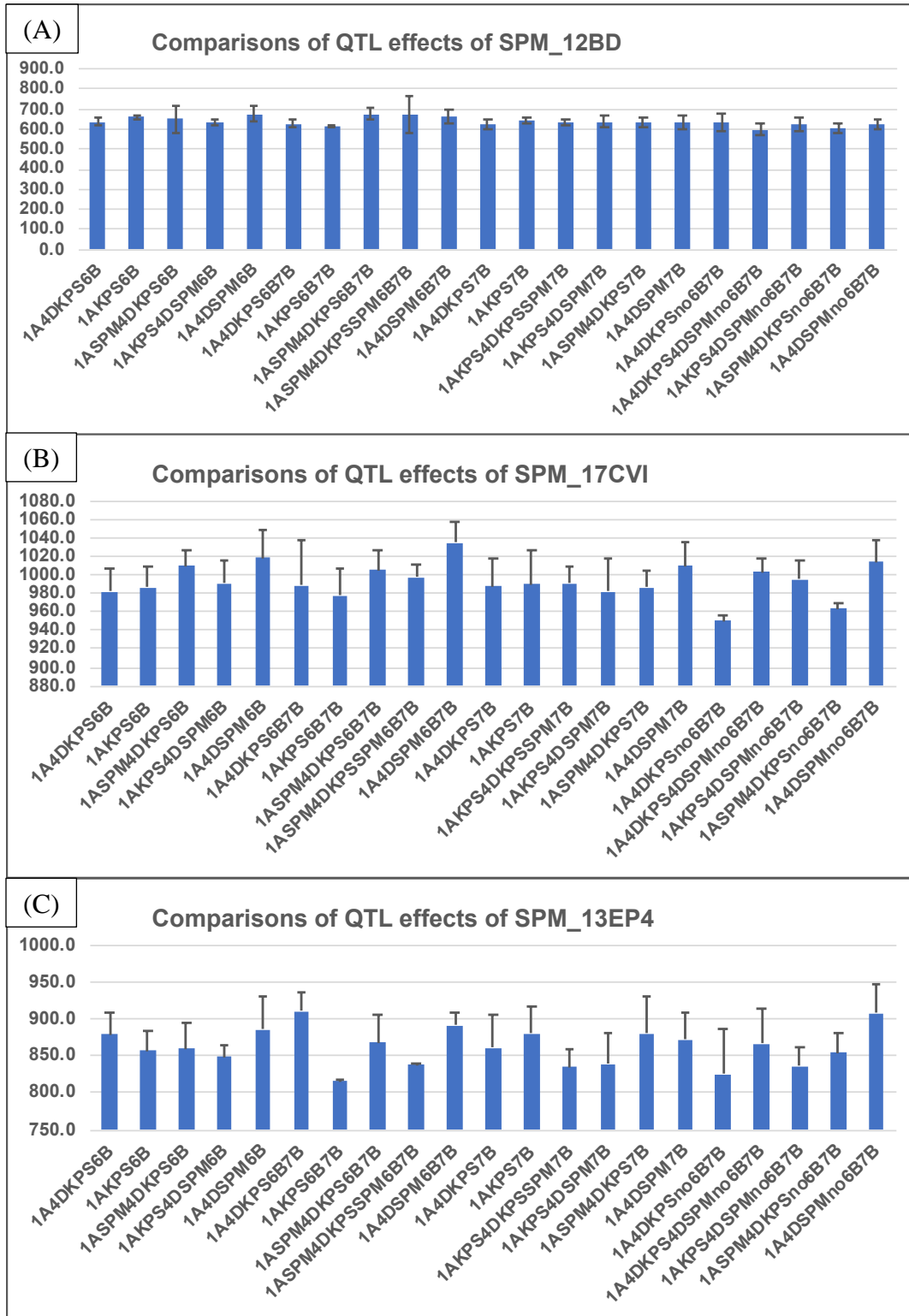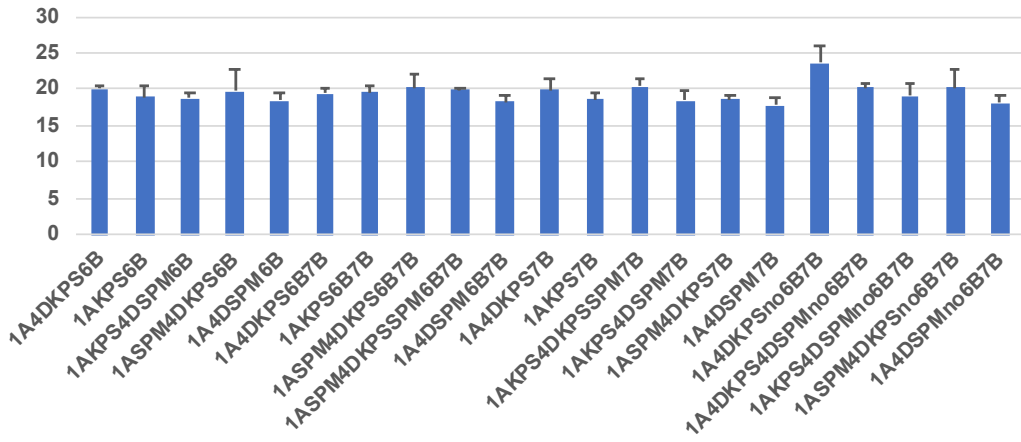**S4 Fig. QTL allele effects on spike m^{-2} and kernels spike^{-1} from various environemnts with the presence of significance of QTL.** Total six QTL combinations were classified as 21 groups with number of RILs from two to ten. The means of each trait and their corresponding standard deviations were showed in the graphs.
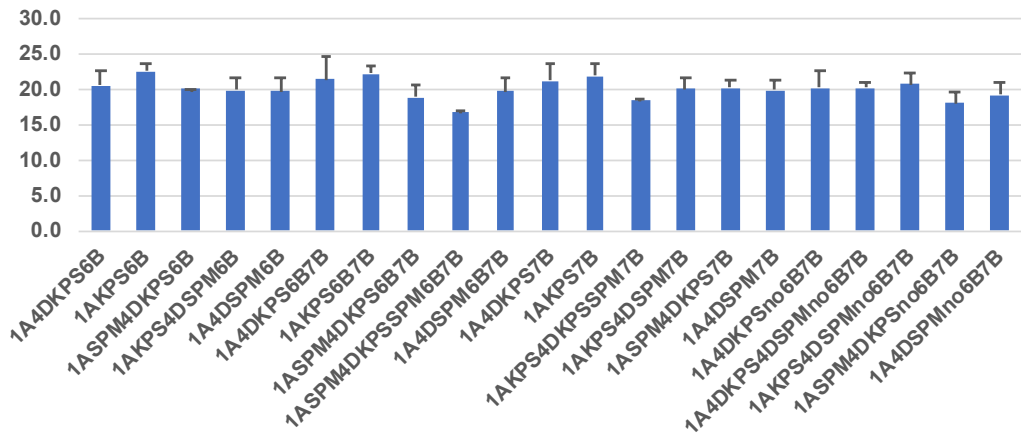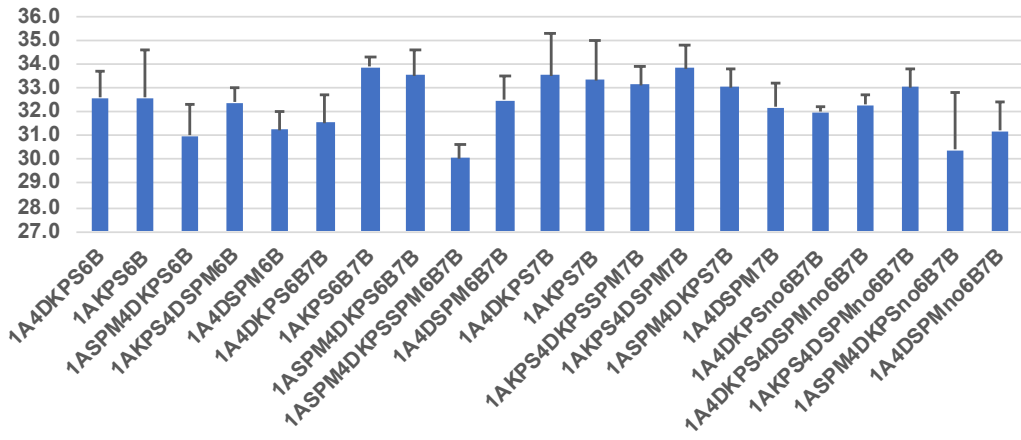
(D) Comparisons of QTL effects of KPS_12BD
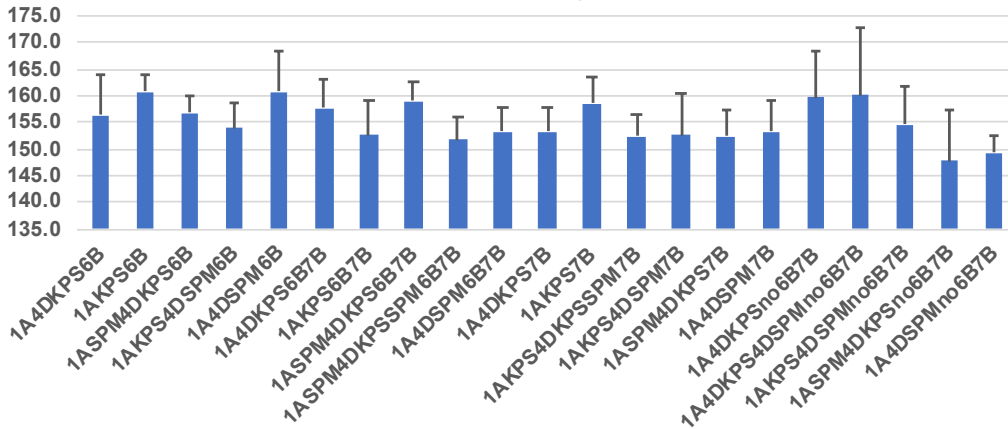
(E) Comparisons of QTL effects of KPS_17CVI
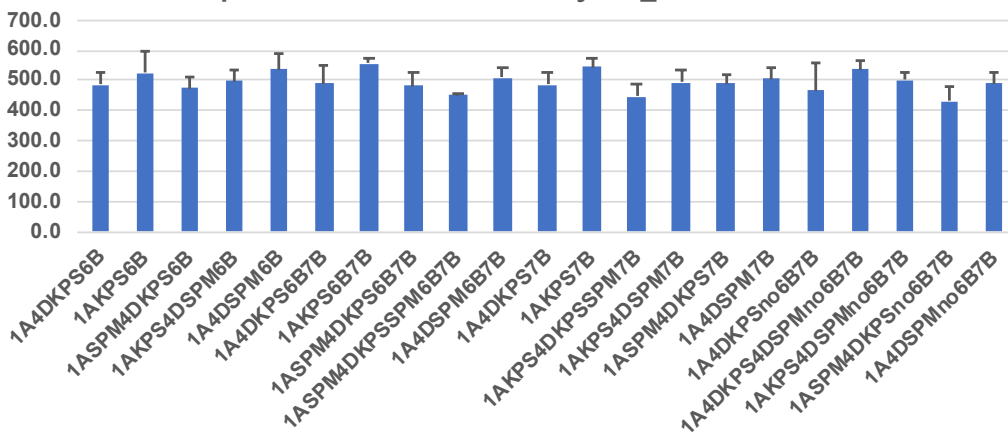
(F) Comparisons of QTL effects of KPS_17DMS
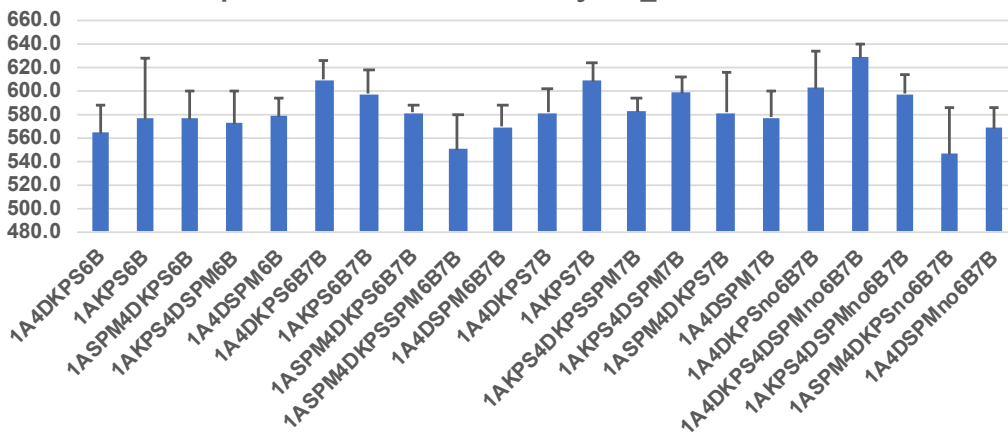
(G) Comparisons of QTL effects of yield_12BD
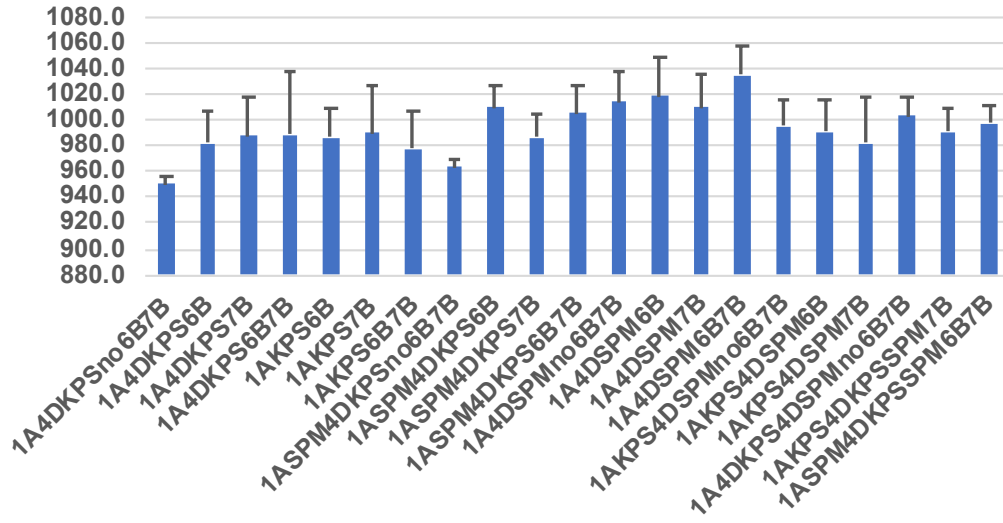
(H) Comparisons of QTL effects of yield_17CVI

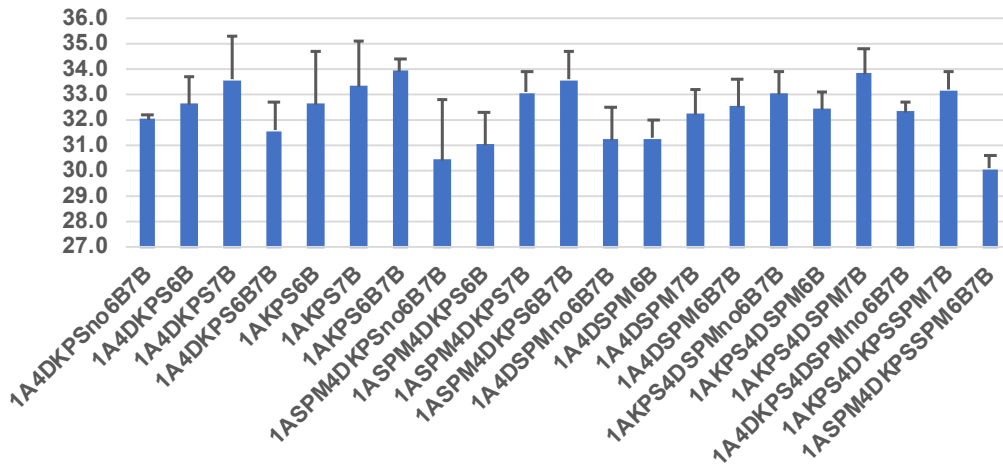(I) Comparisons of QTL effects of yield_17DMS

(J) Comparisons of QTL effects of SPM_17CVI

(K) Comparisons of QTL effects of KPS_17DMS

(L) Comparisons of QTL effects of yield_17CVI