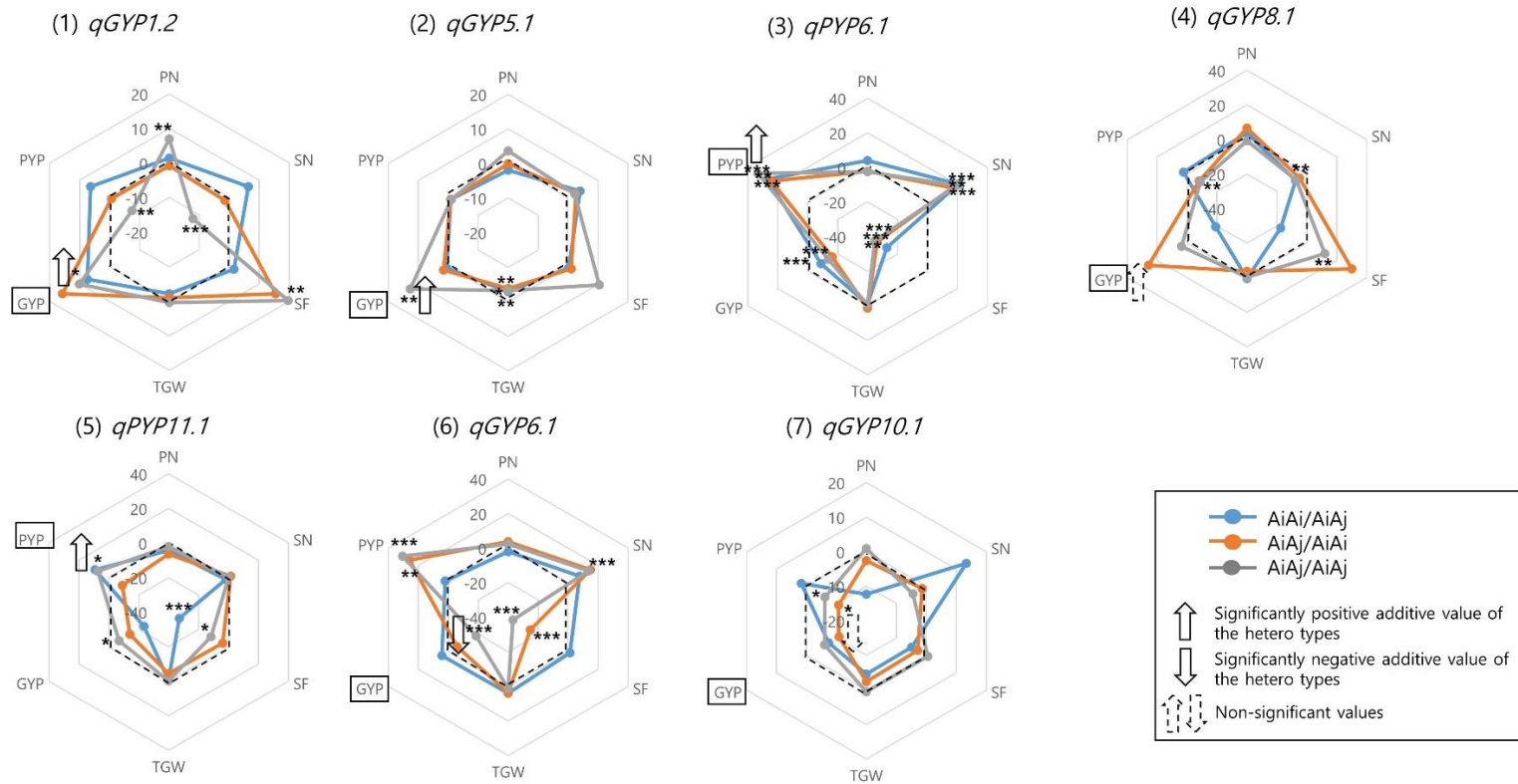
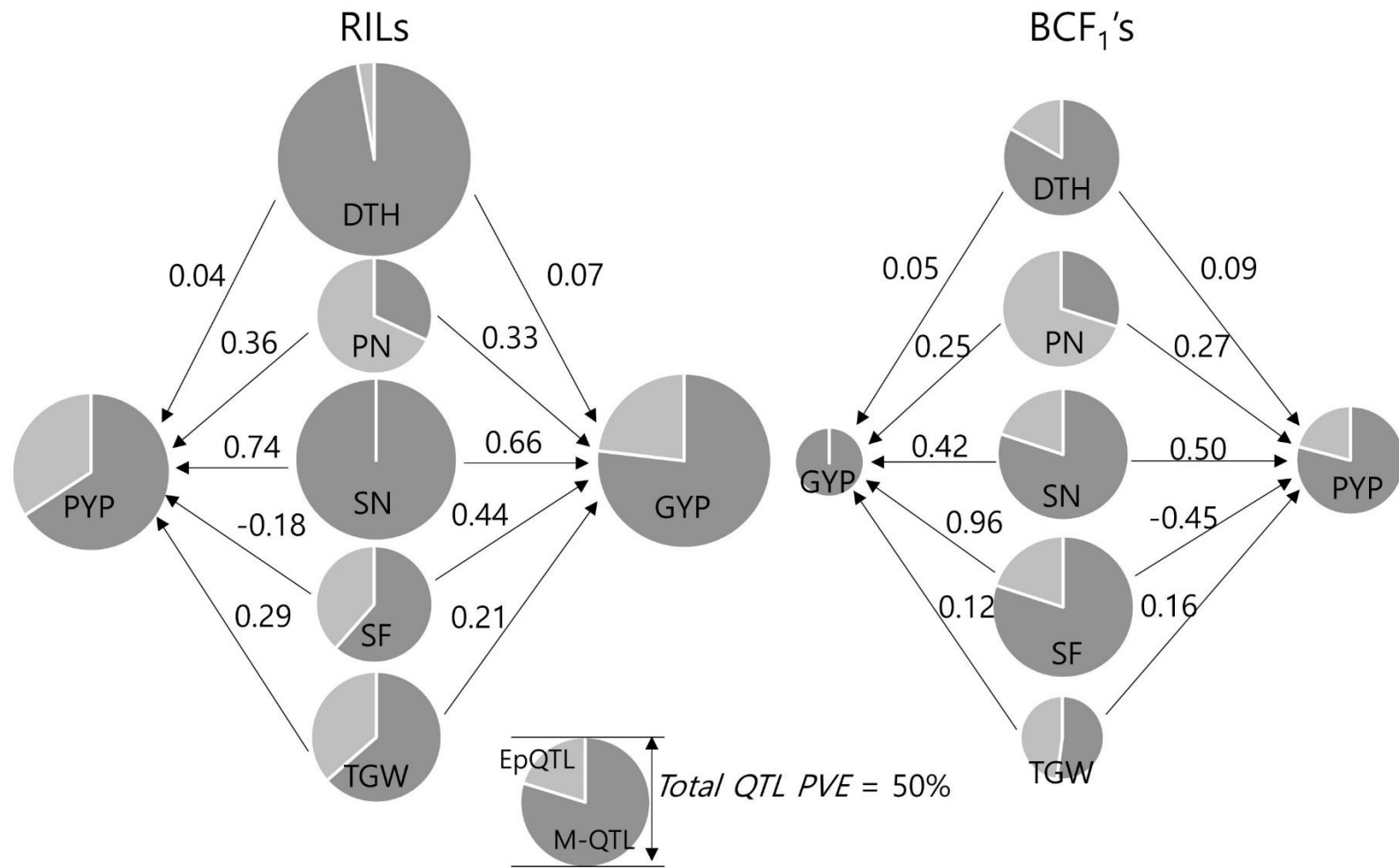


Supplementary Fig. S1. Correlation of fertility and grain yield per plant (GYP) in DT-RILs and backcrossed populations (BCF_1). Each dot represents the fertility and GYP for each line. Positive correlation was shown in both populations.



Supplementary Fig. S2. Phenotypic additive performance (%) of three different heterotic allele types of yield heterosis QTLs identified in MT-RILs. See legends for Fig. 3.



Supplementary Fig. S3. Contribution of MQTL and EpQTL for each trait to yield in DT-RILs. See legends for Fig. 4.