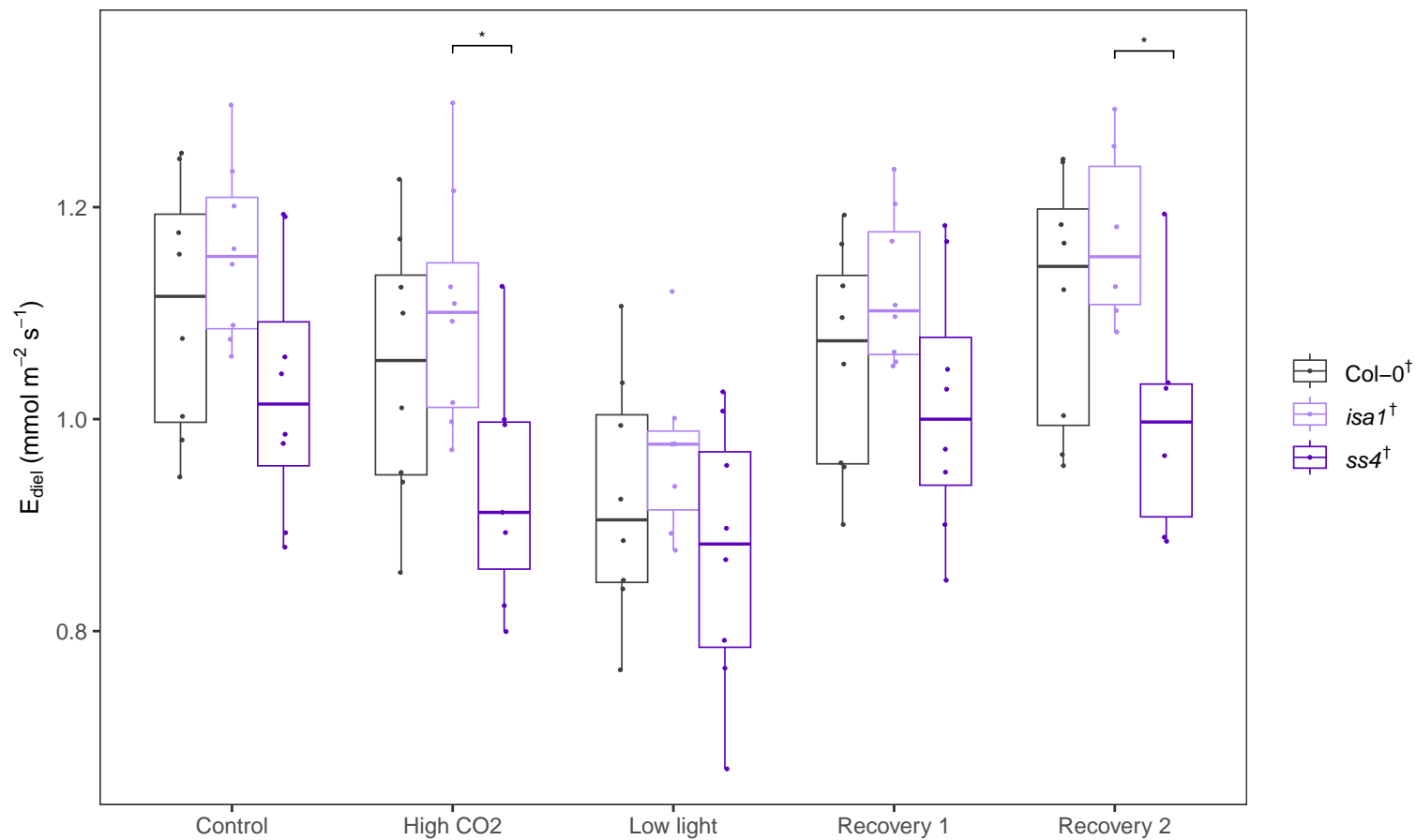
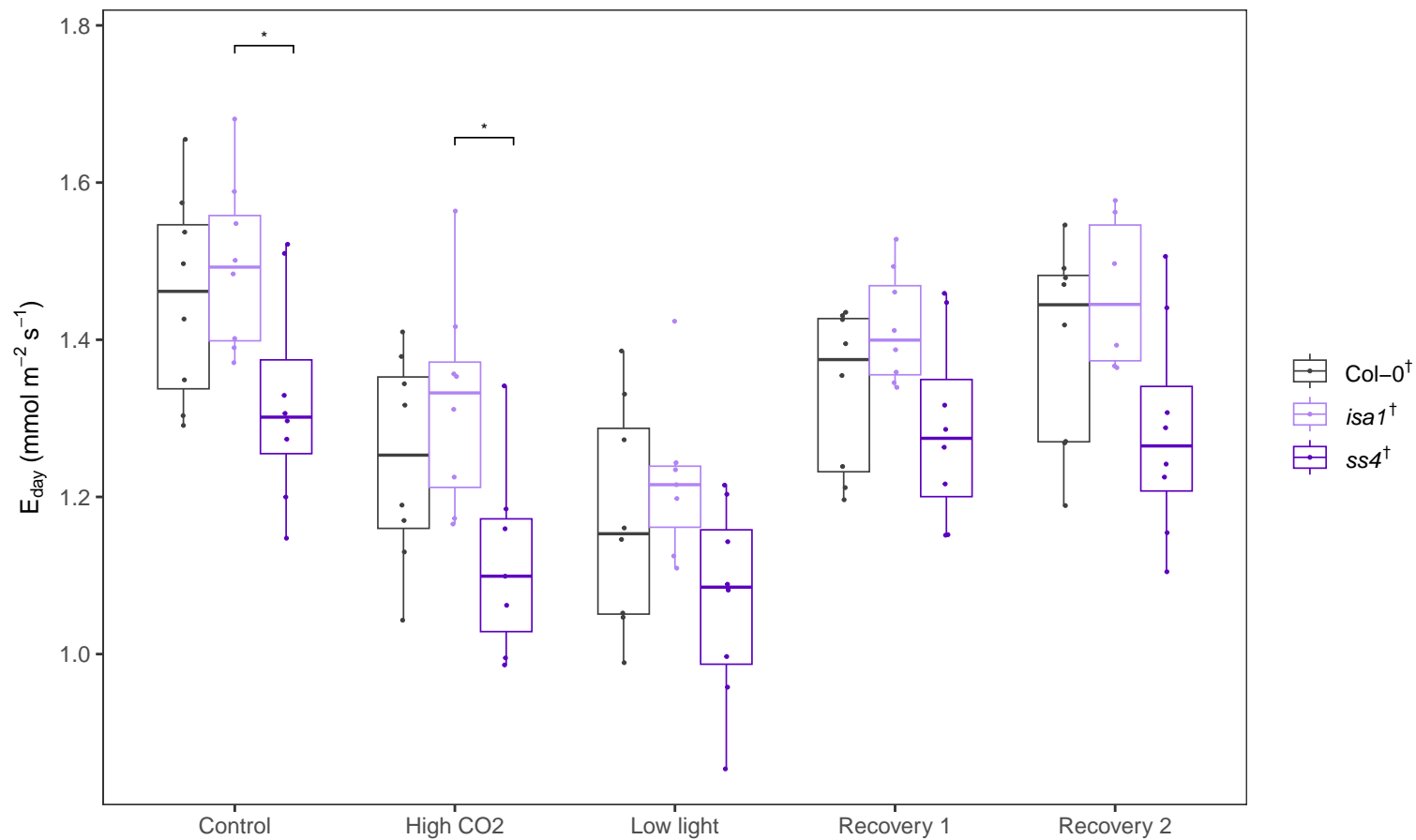


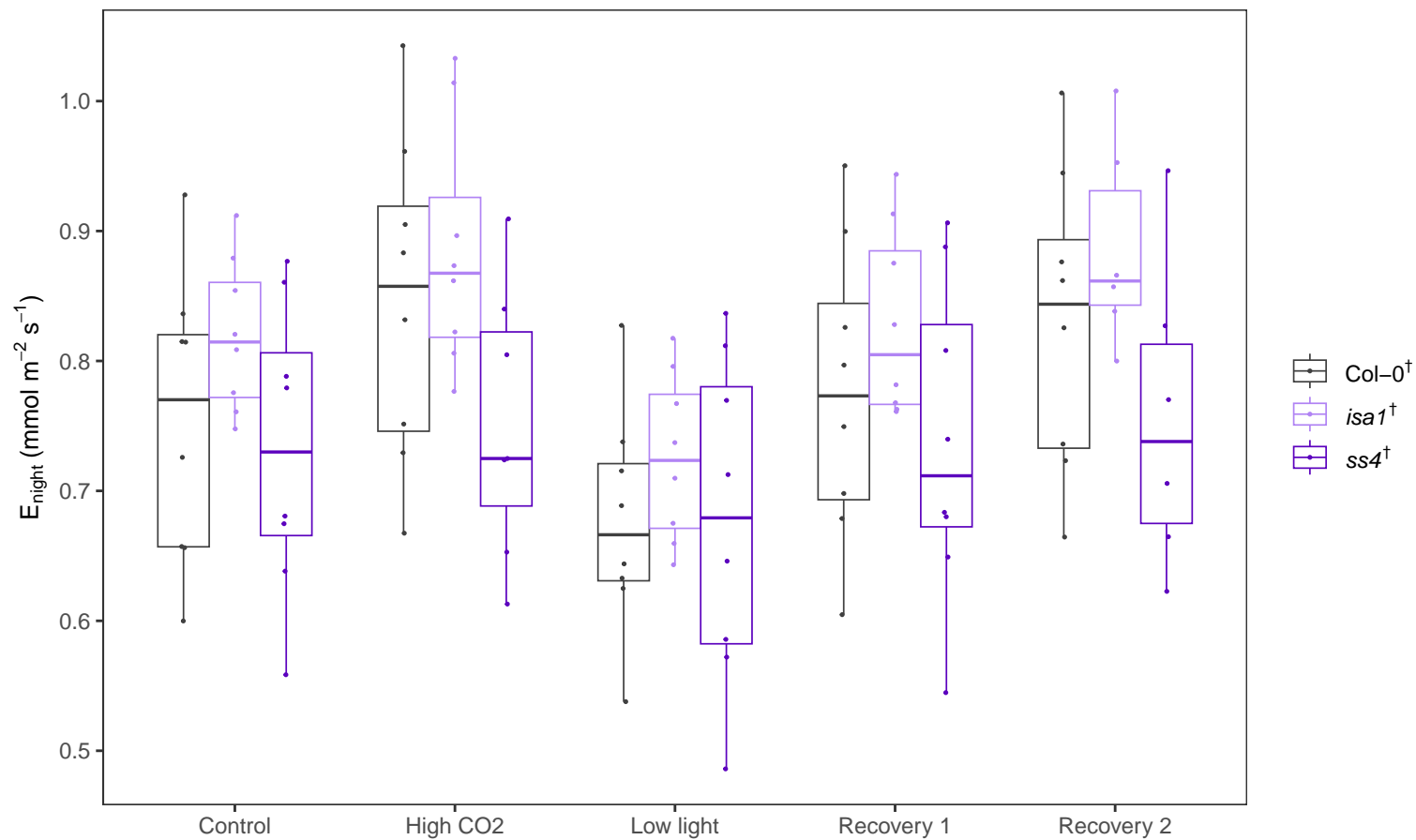
$n_g^2$  Geno 0.22<sup>\*\*\*\*</sup>, Env 0.28<sup>\*\*\*\*</sup>, GenoxEnv 0.02<sup>ns</sup>

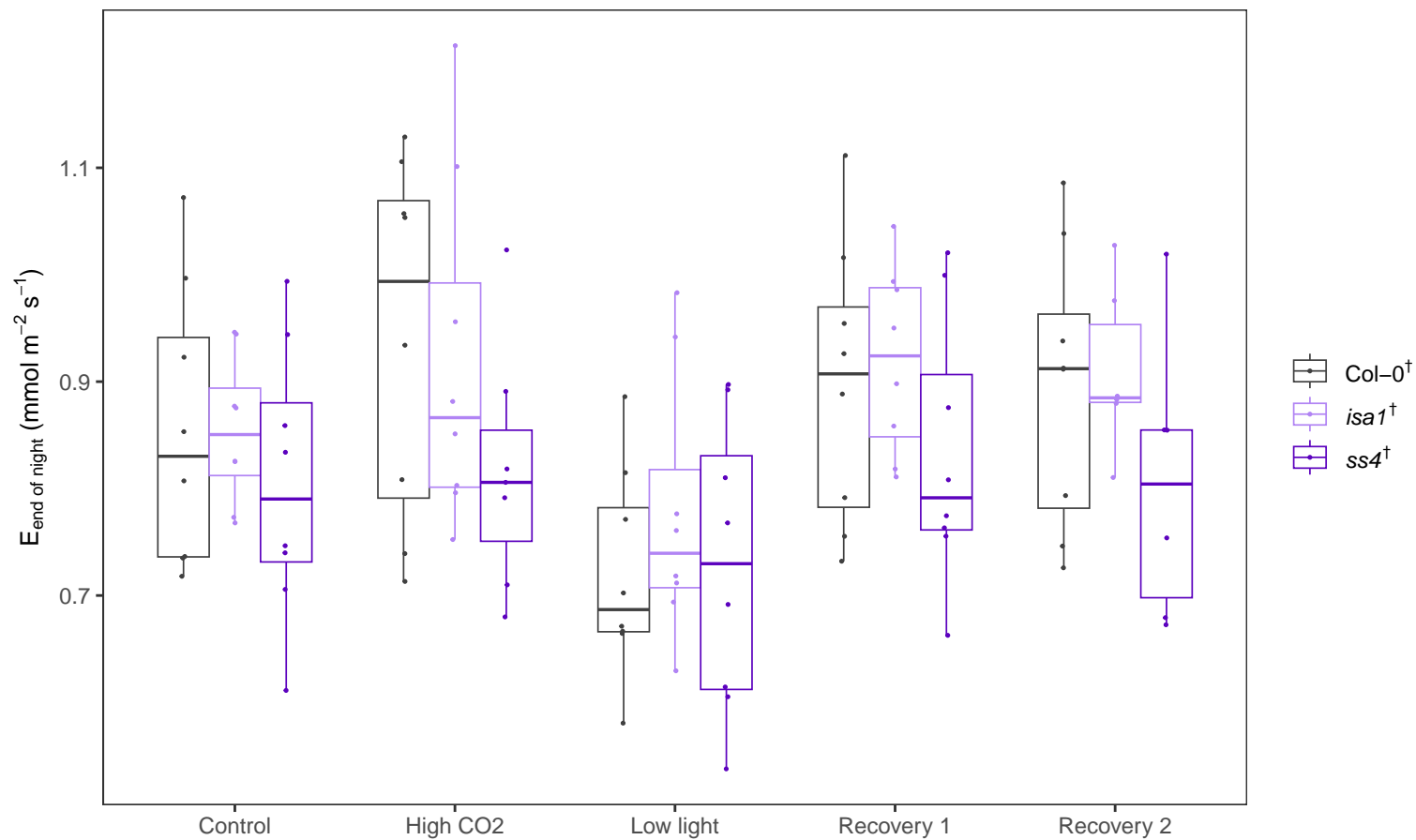


$h_g^2$  Geno 0.26<sup>\*\*\*\*</sup>, Env 0.44<sup>\*\*\*\*</sup>, GenoxEnv 0.01<sup>ns</sup>

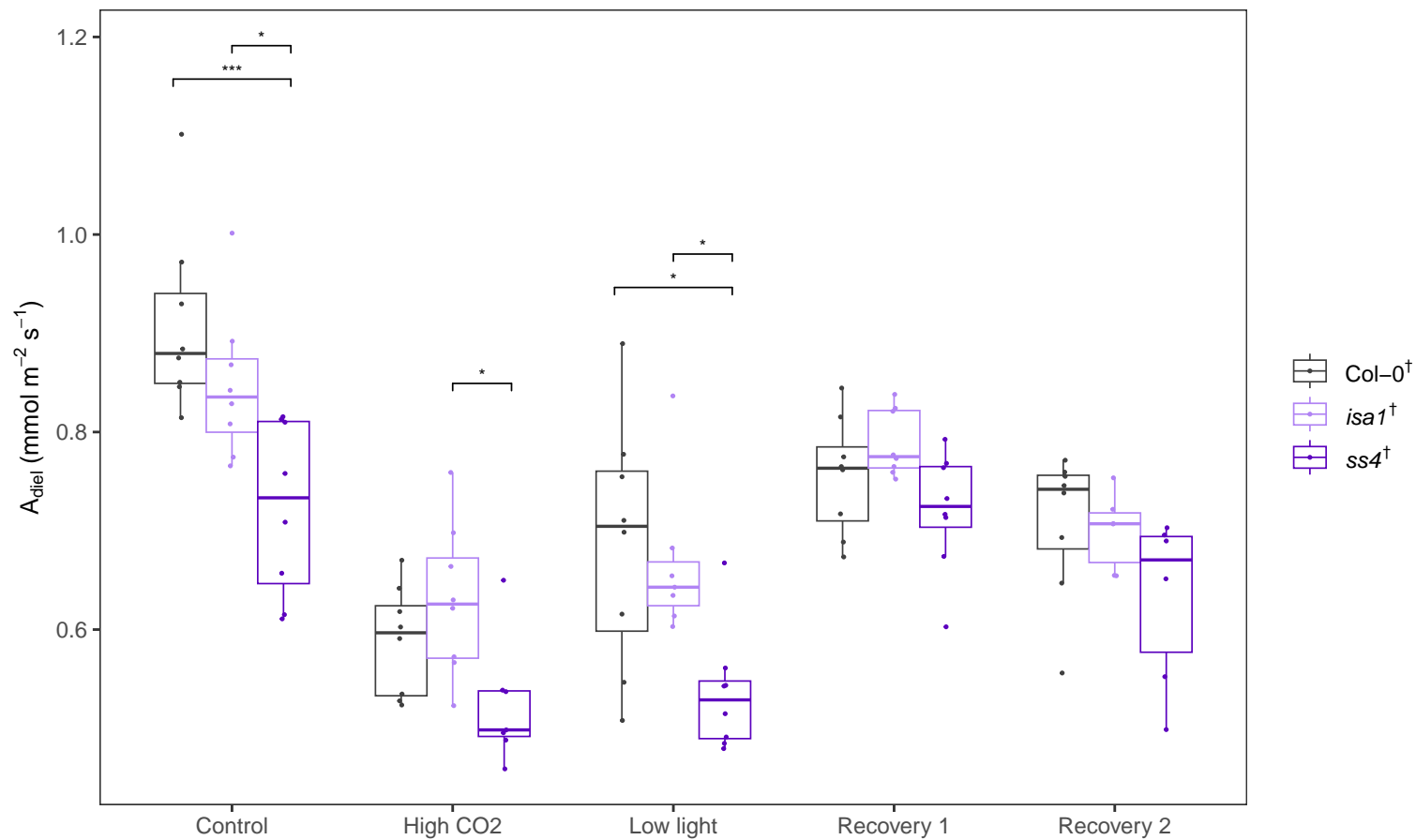


$n_0^2$  Geno 0.14<sup>\*\*\*</sup>, Env 0.2<sup>\*\*\*</sup>, GenoxEnv 0.03<sup>ns</sup>

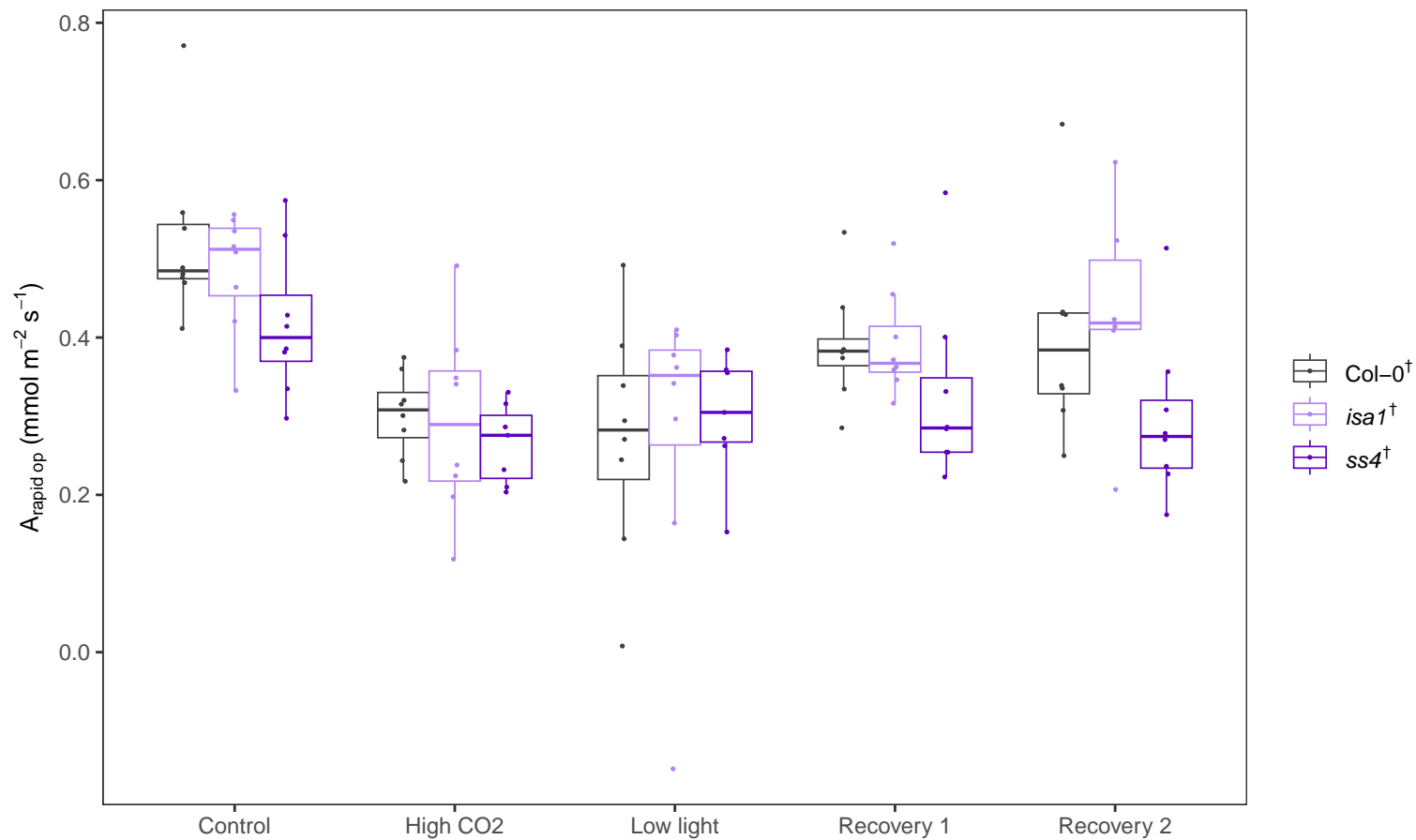




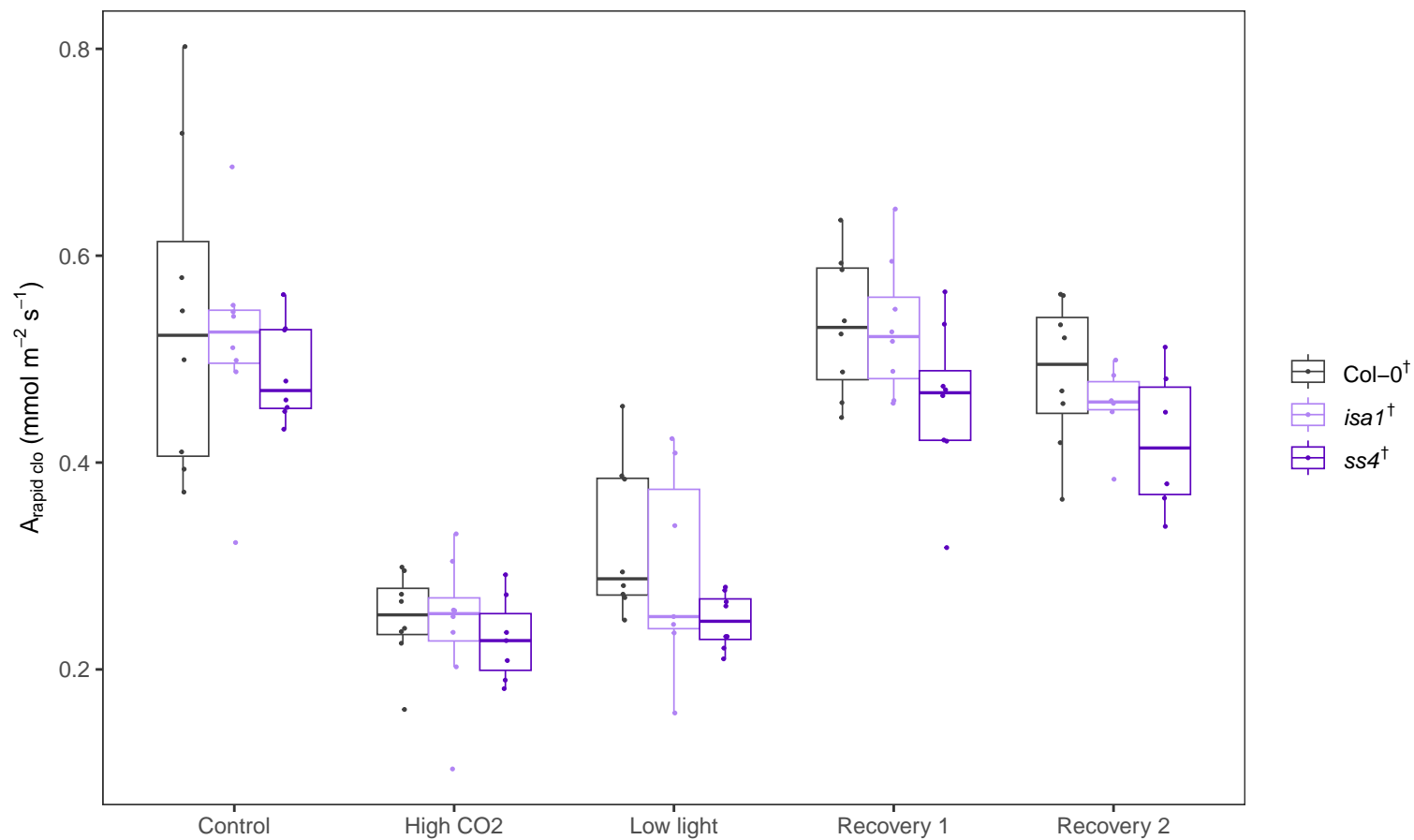
$h_g^2$  Geno 0.31<sup>\*\*\*\*</sup>, Env 0.62<sup>\*\*\*\*</sup>, GenoxEnv 0.11<sup>ns</sup>



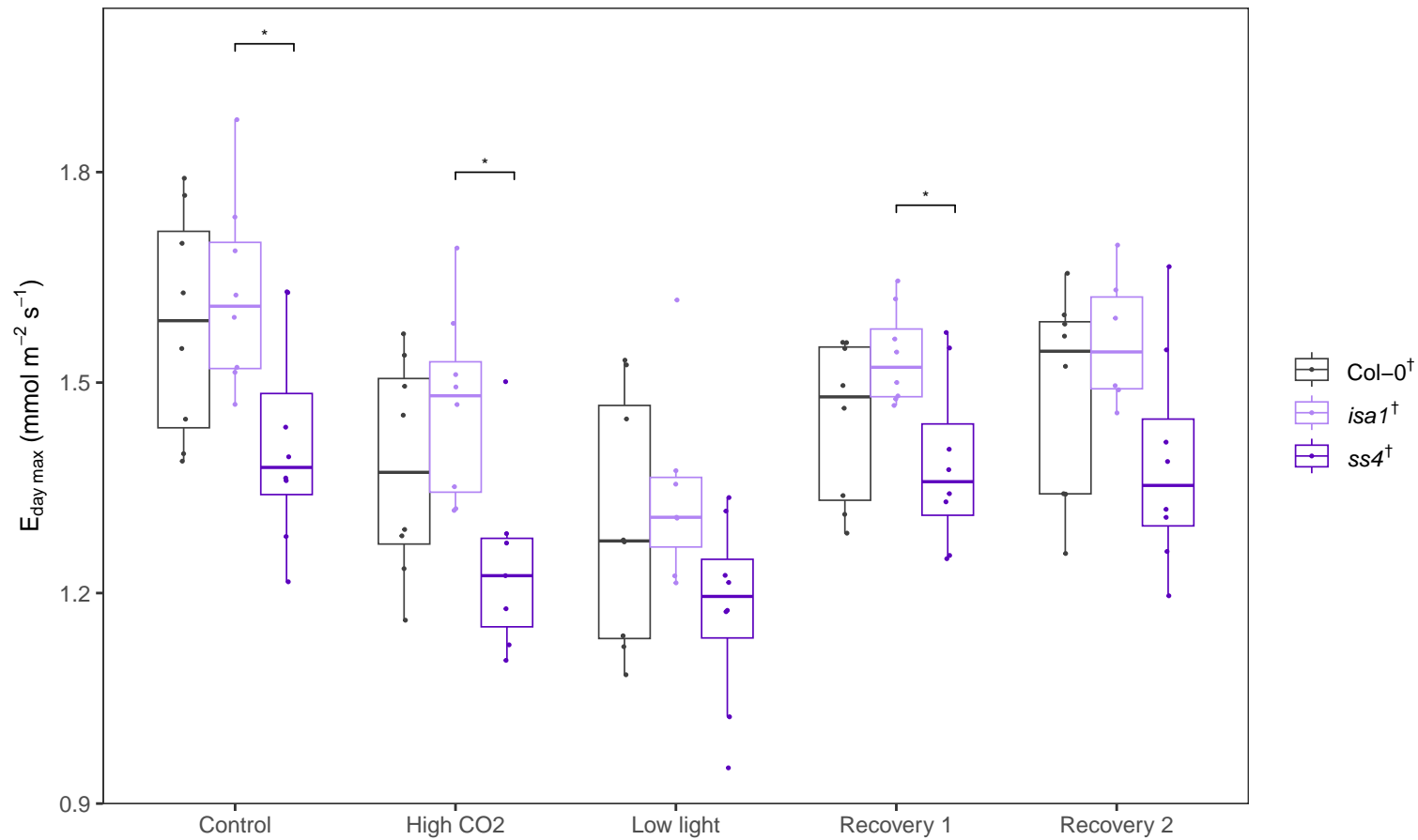
$h_g^2$  Geno 0.06<sup>+</sup>, Env 0.33<sup>\*\*\*\*</sup>, GenoxEnv 0.05<sup>ns</sup>



$b_0^2$  Geno 0.1<sup>\*\*</sup>, Env 0.72<sup>\*\*\*\*</sup>, GenoxEnv 0.02<sup>ns</sup>

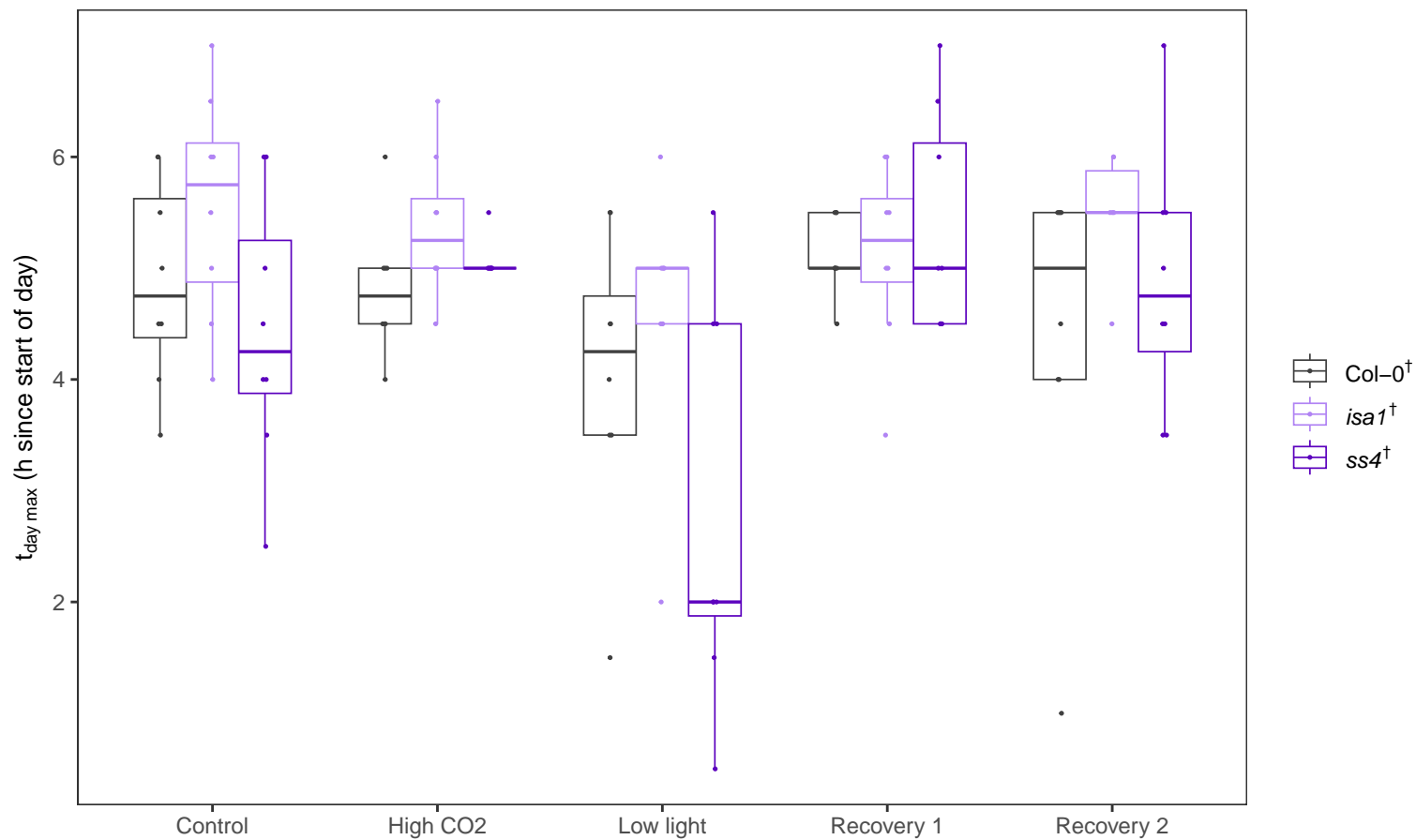


$\ln_0^2$  Geno 0.26<sup>\*\*\*\*</sup>, Env 0.35<sup>\*\*\*\*</sup>, GenoxEnv 0.02<sup>ns</sup>

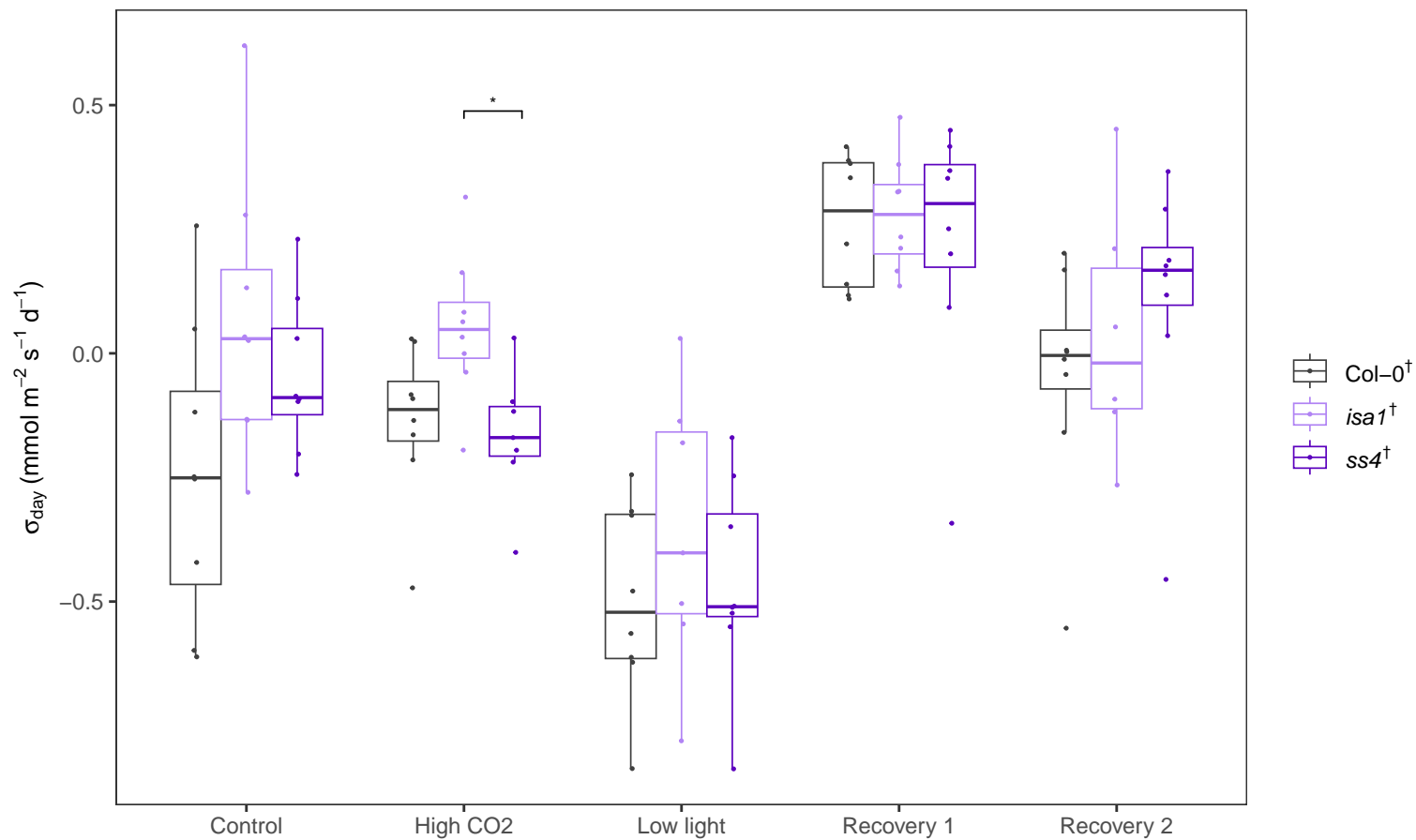


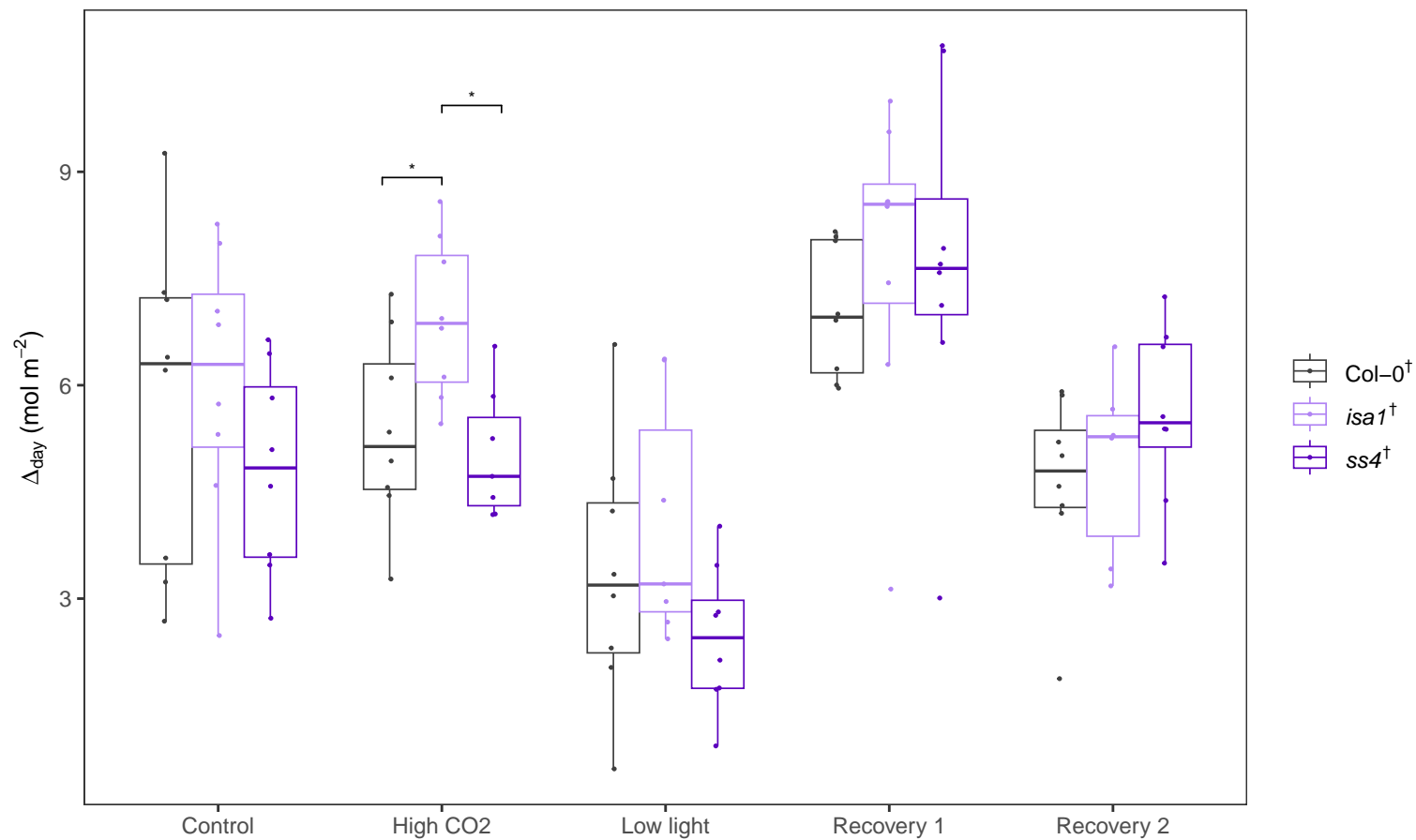


$\chi^2_{b_0}$  Geno 0.09<sup>\*</sup>, Env 0.21<sup>\*\*\*\*</sup>, GenoxEnv 0.1<sup>ns</sup>

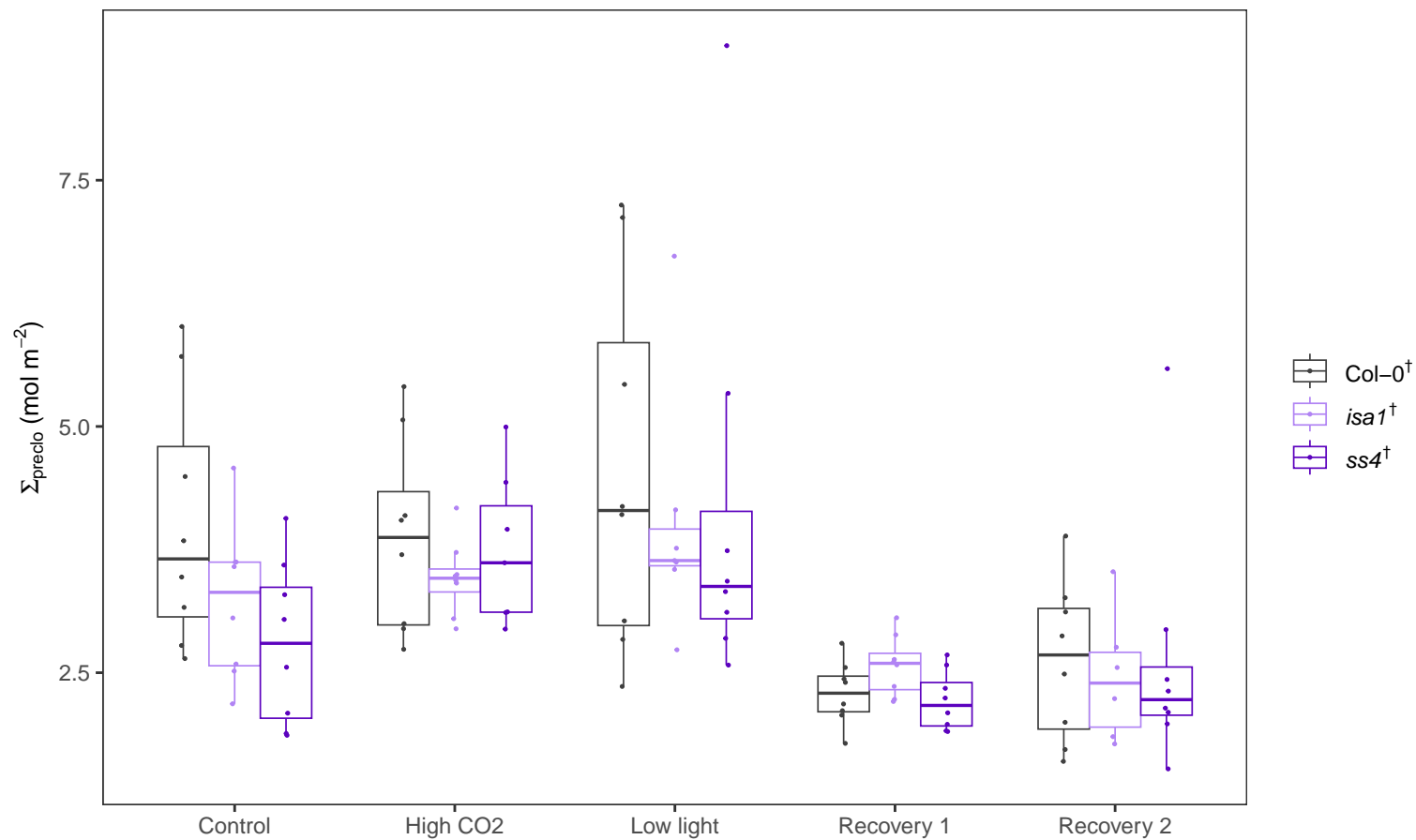


$\ln_0^2$  Geno 0.08<sup>\*</sup>, Env 0.56<sup>\*\*\*\*</sup>, GenoxEnv 0.07<sup>ns</sup>

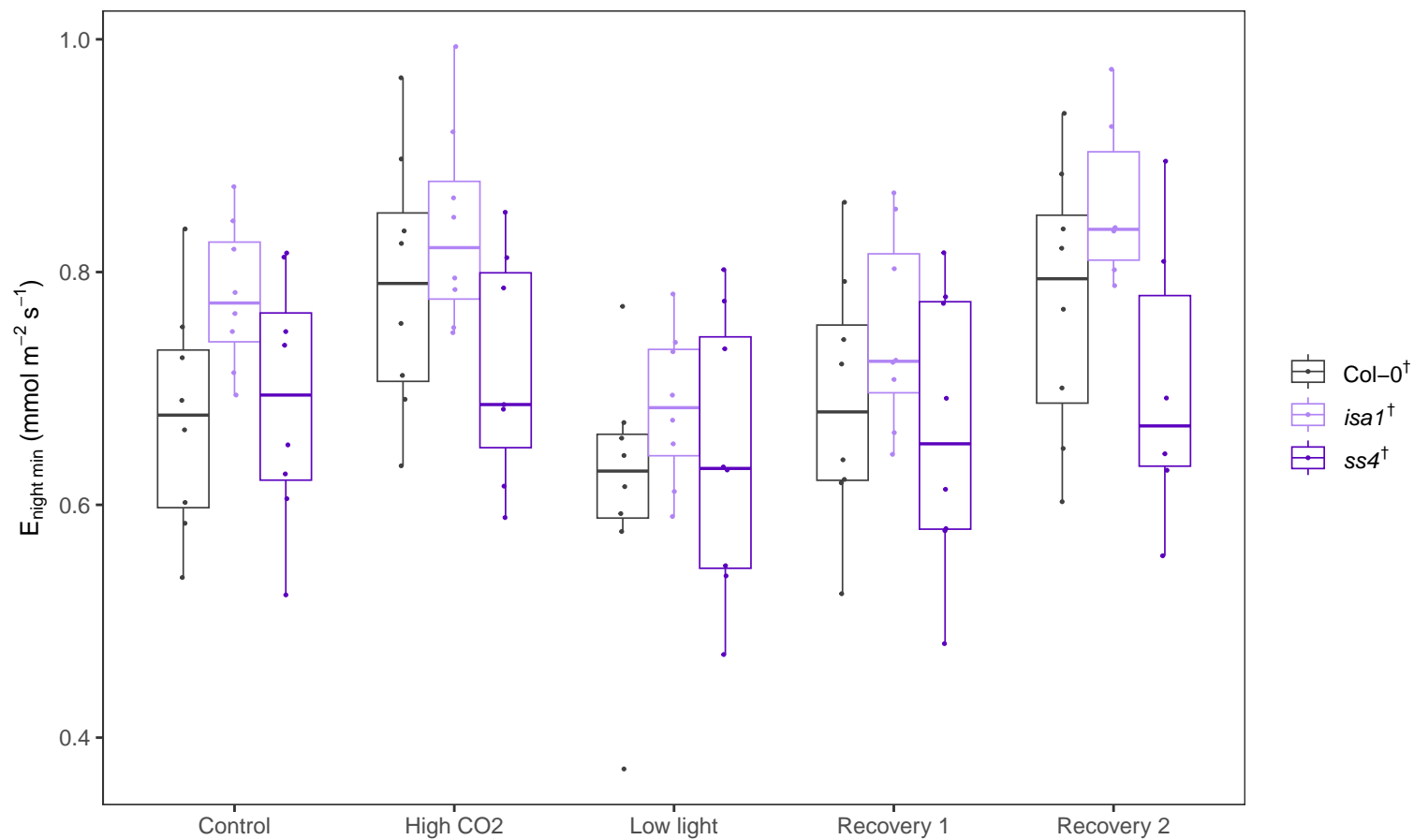




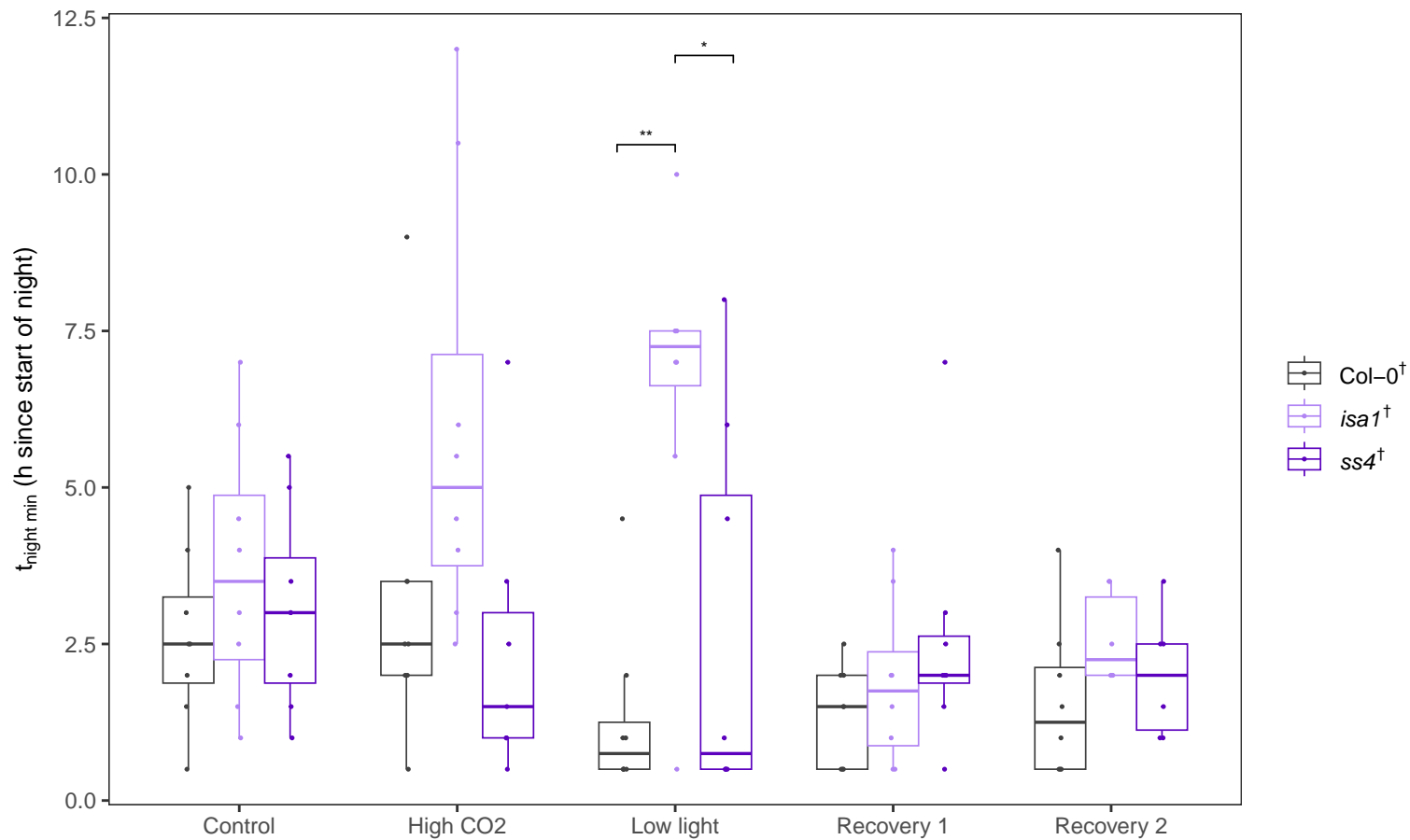
$h_g^2$  Geno 0.03<sup>ns</sup>, Env 0.32<sup>\*\*\*\*</sup>, GenoxEnv 0.04<sup>ns</sup>



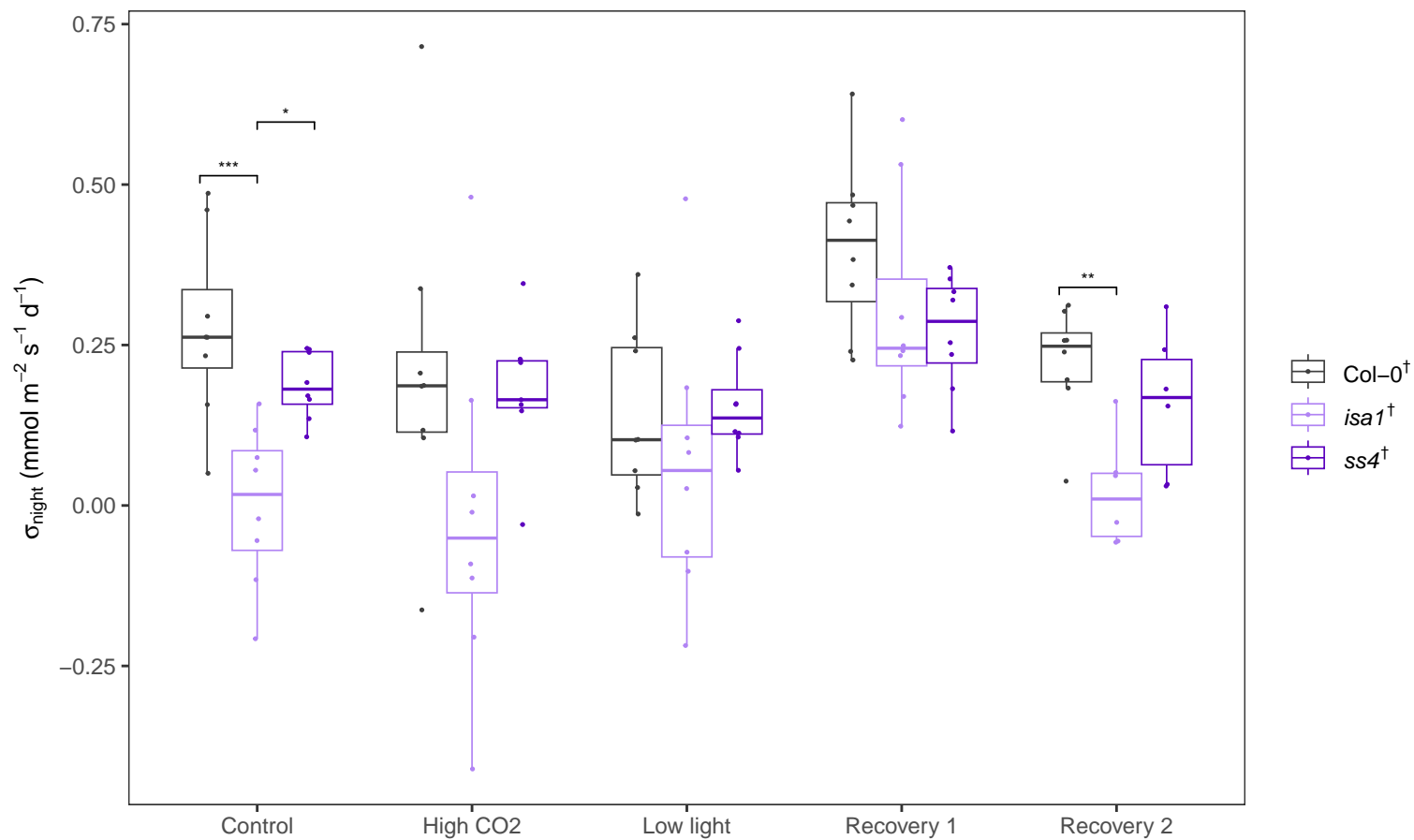
$\sigma_g^2$  Geno 0.16<sup>\*\*\*</sup>, Env 0.22<sup>\*\*\*\*</sup>, GenoxEnv 0.04<sup>ns</sup>



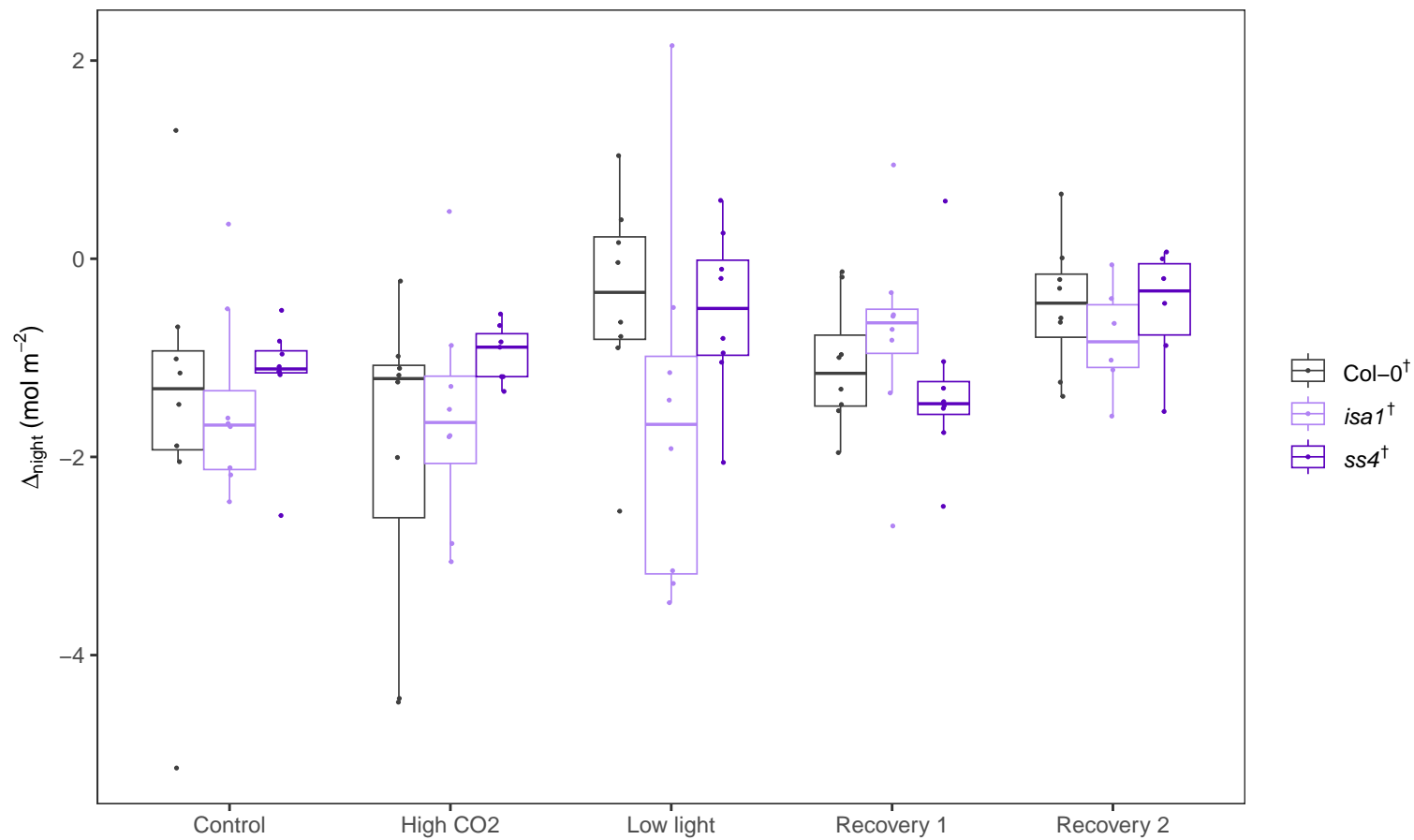
$\sigma^2_{\epsilon}$  Geno 0.18<sup>\*\*\*\*</sup>, Env 0.14<sup>\*\*</sup>, Geno×Env 0.18<sup>\*\*</sup>



$h_0^2$  Geno 0.22<sup>\*\*\*\*</sup>, Env 0.24<sup>\*\*\*\*</sup>, GenoxEnv 0.08<sup>ns</sup>

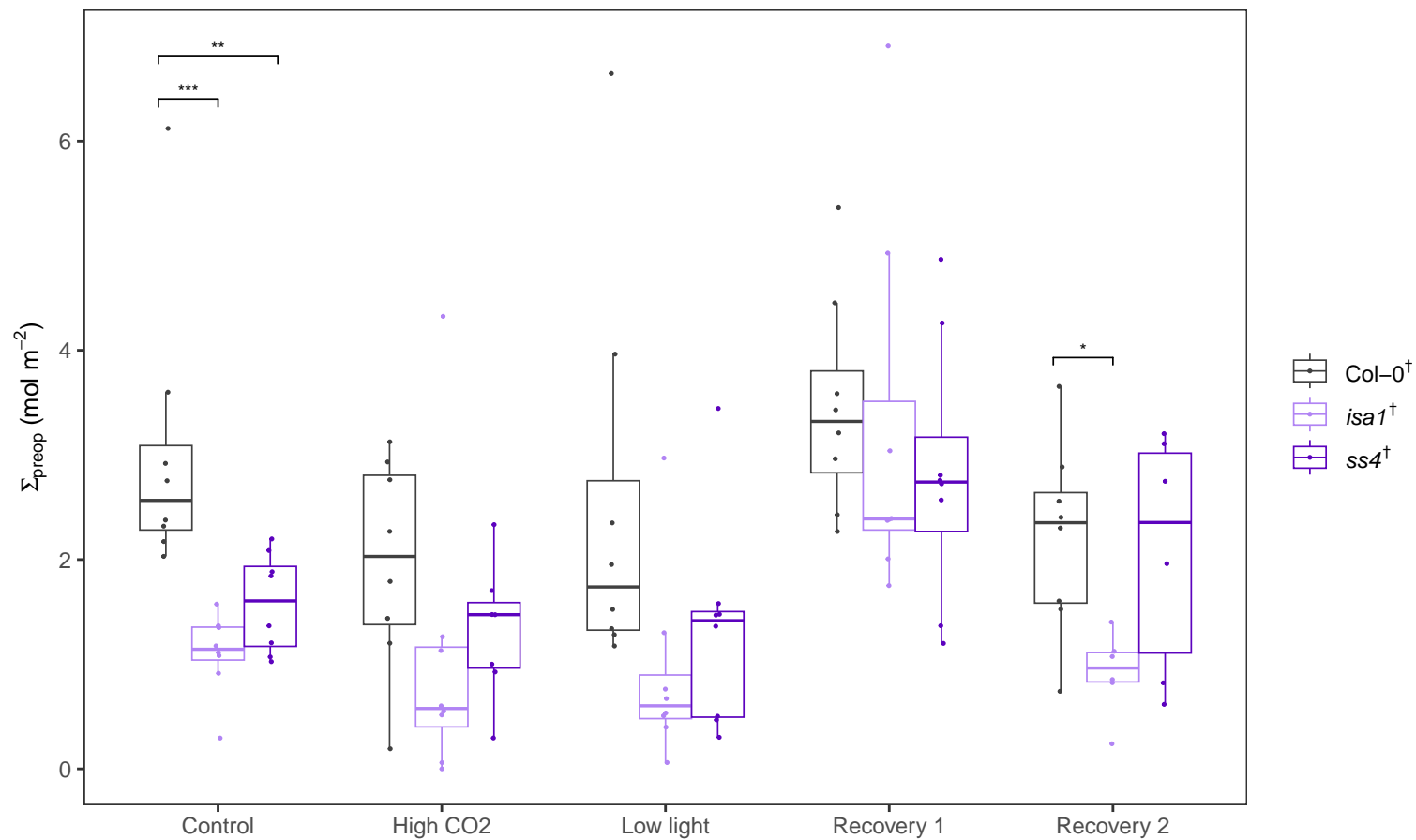


$n_g^2$  Geno 0.02<sup>ns</sup>, Env 0.1<sup>+</sup>, GenoxEnv 0.08<sup>ns</sup>

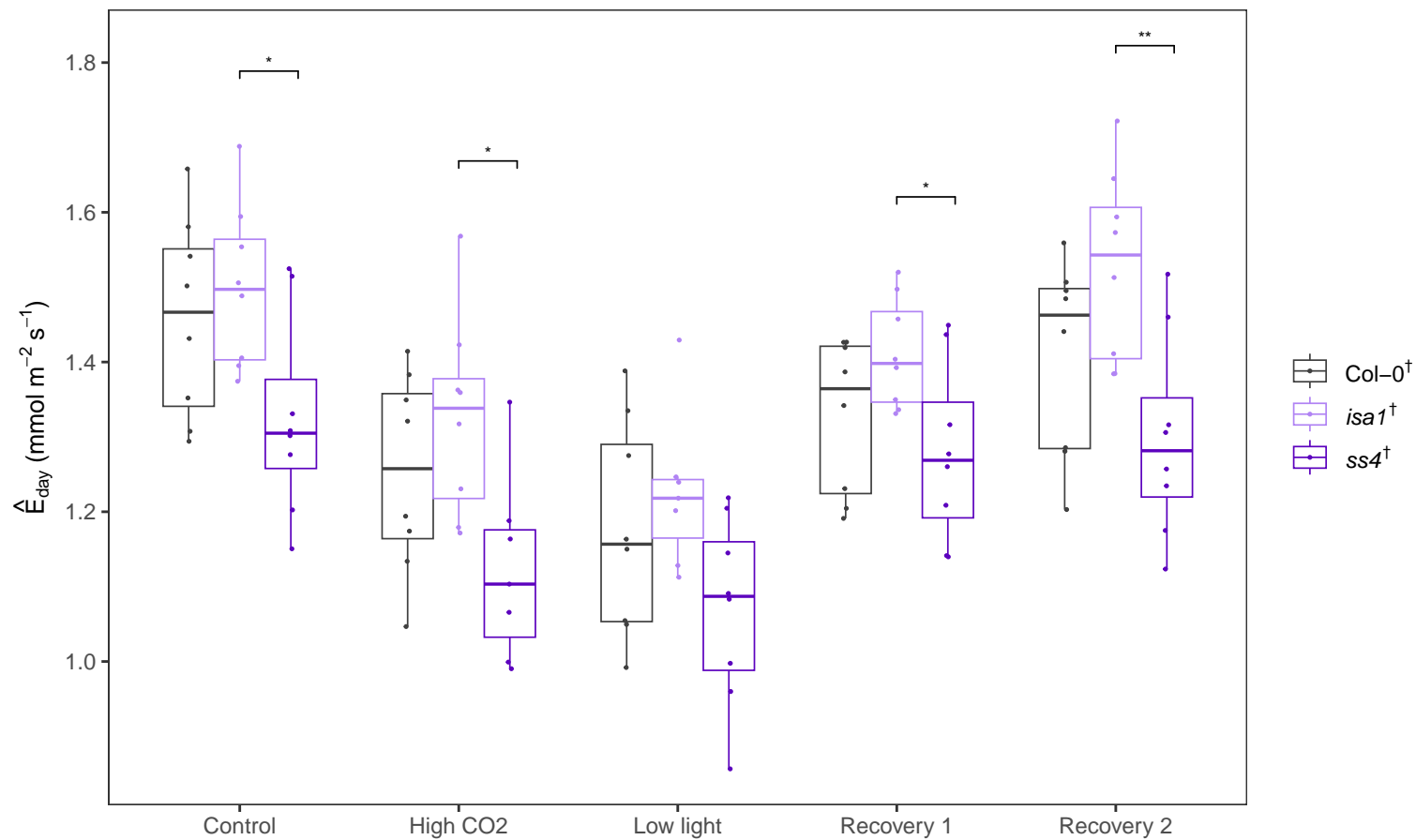




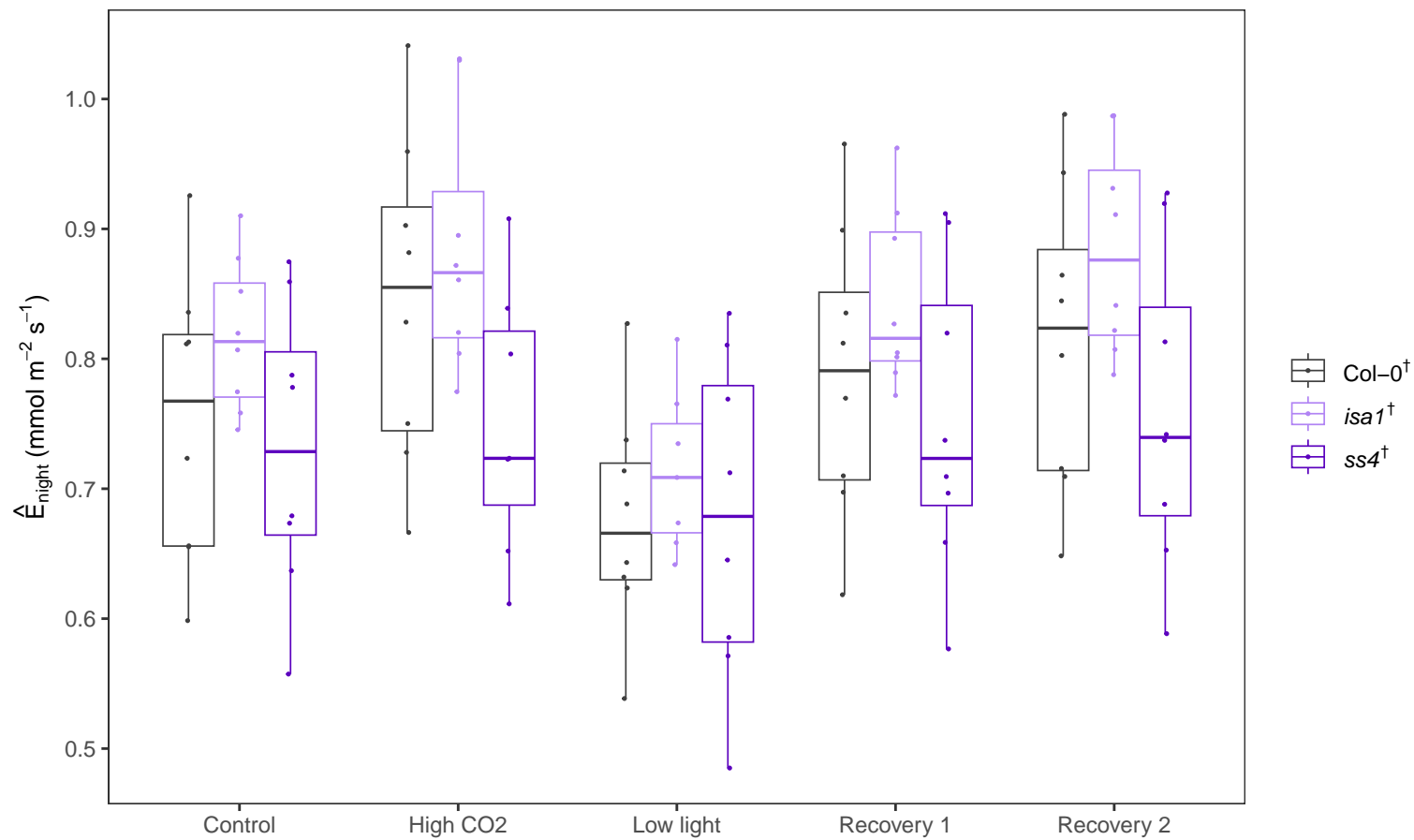
$h_g^2$  Geno 0.18<sup>\*\*\*\*</sup>, Env 0.26<sup>\*\*\*\*</sup>, GenoxEnv 0.07<sup>ns</sup>

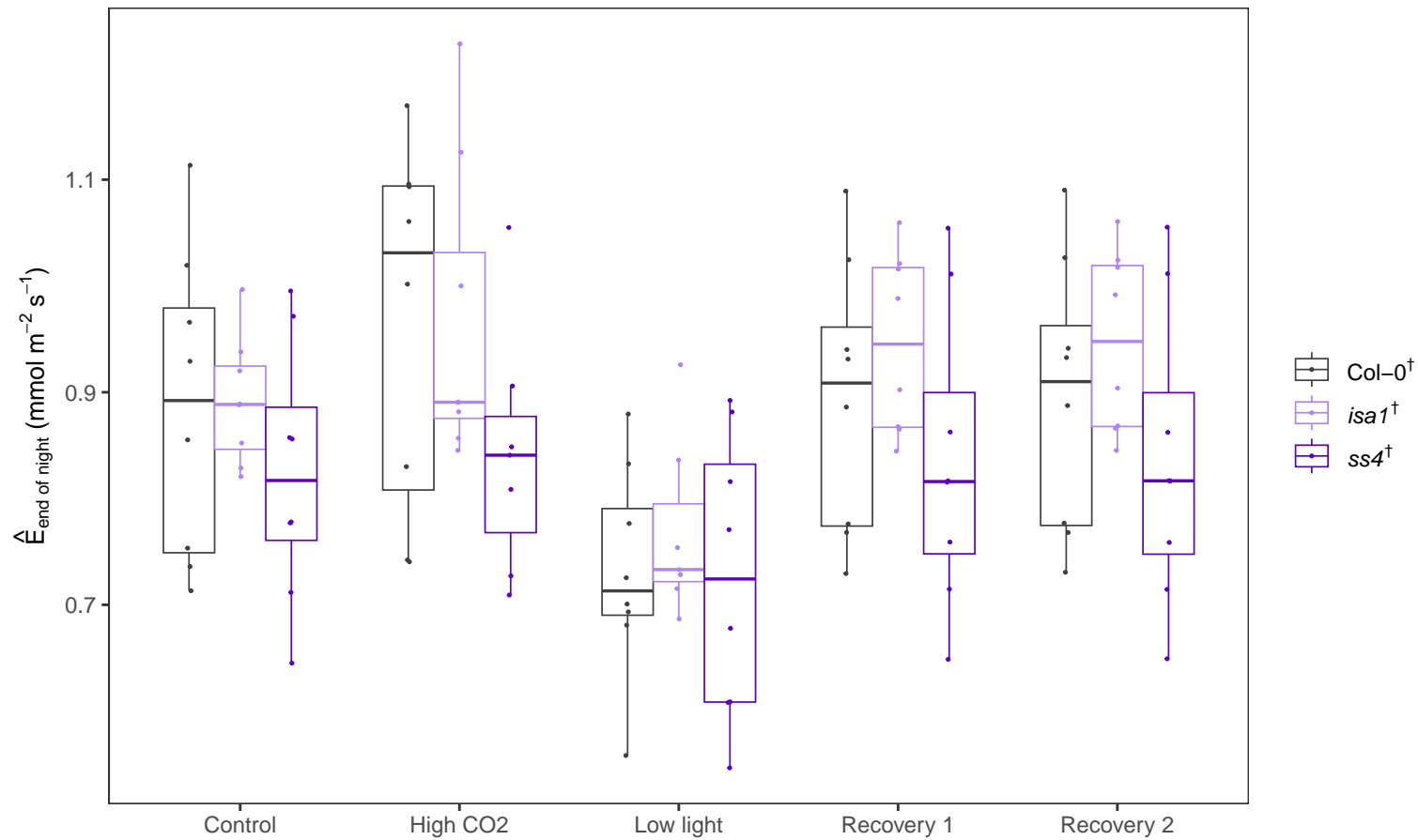


$h_0^2$  Geno 0.29<sup>\*\*\*\*</sup>, Env 0.45<sup>\*\*\*\*</sup>, GenoxEnv 0.02<sup>ns</sup>

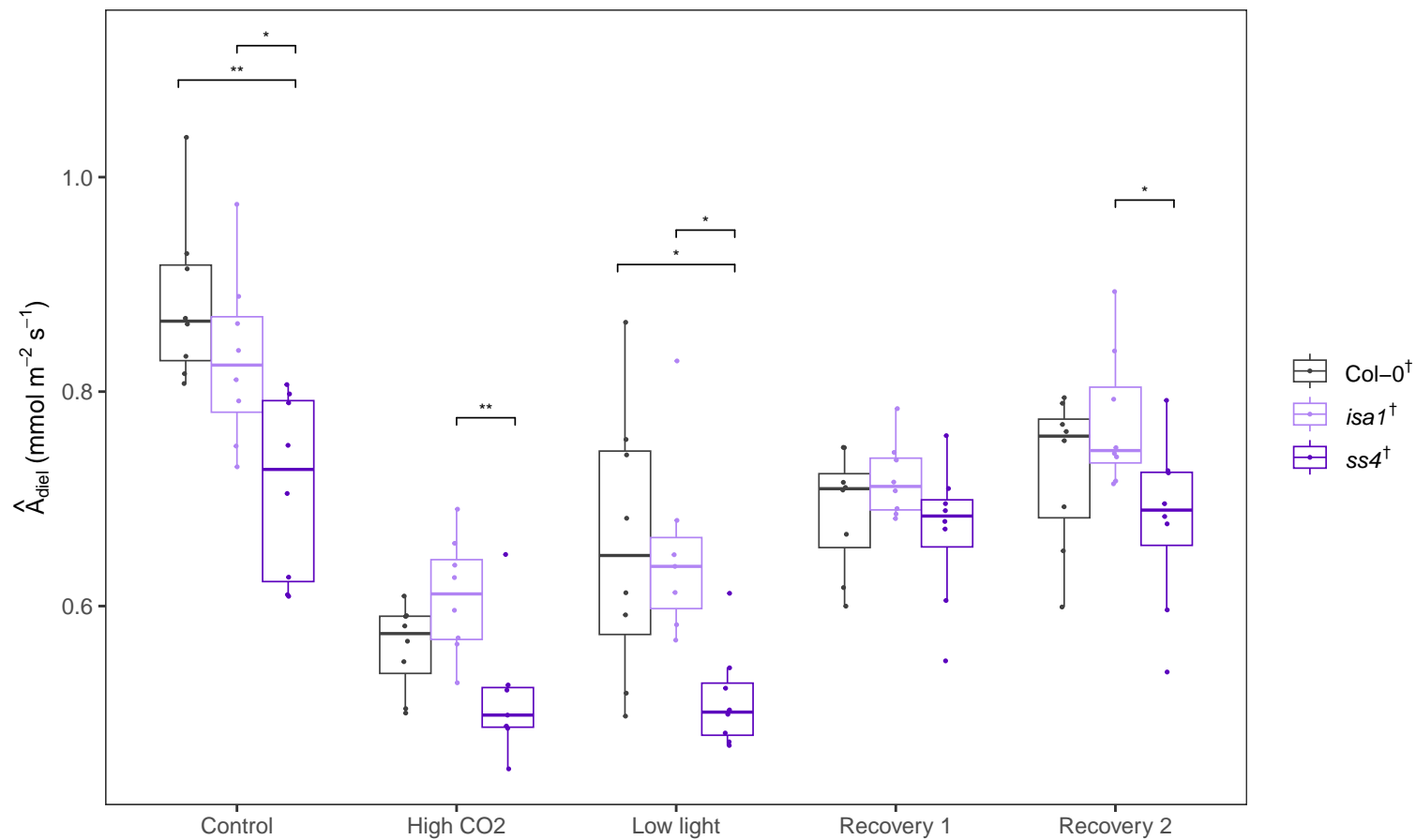


$h_g^2$  Geno 0.14<sup>\*\*\*</sup>, Env 0.21<sup>\*\*\*\*</sup>, GenoxEnv 0.03<sup>ns</sup>

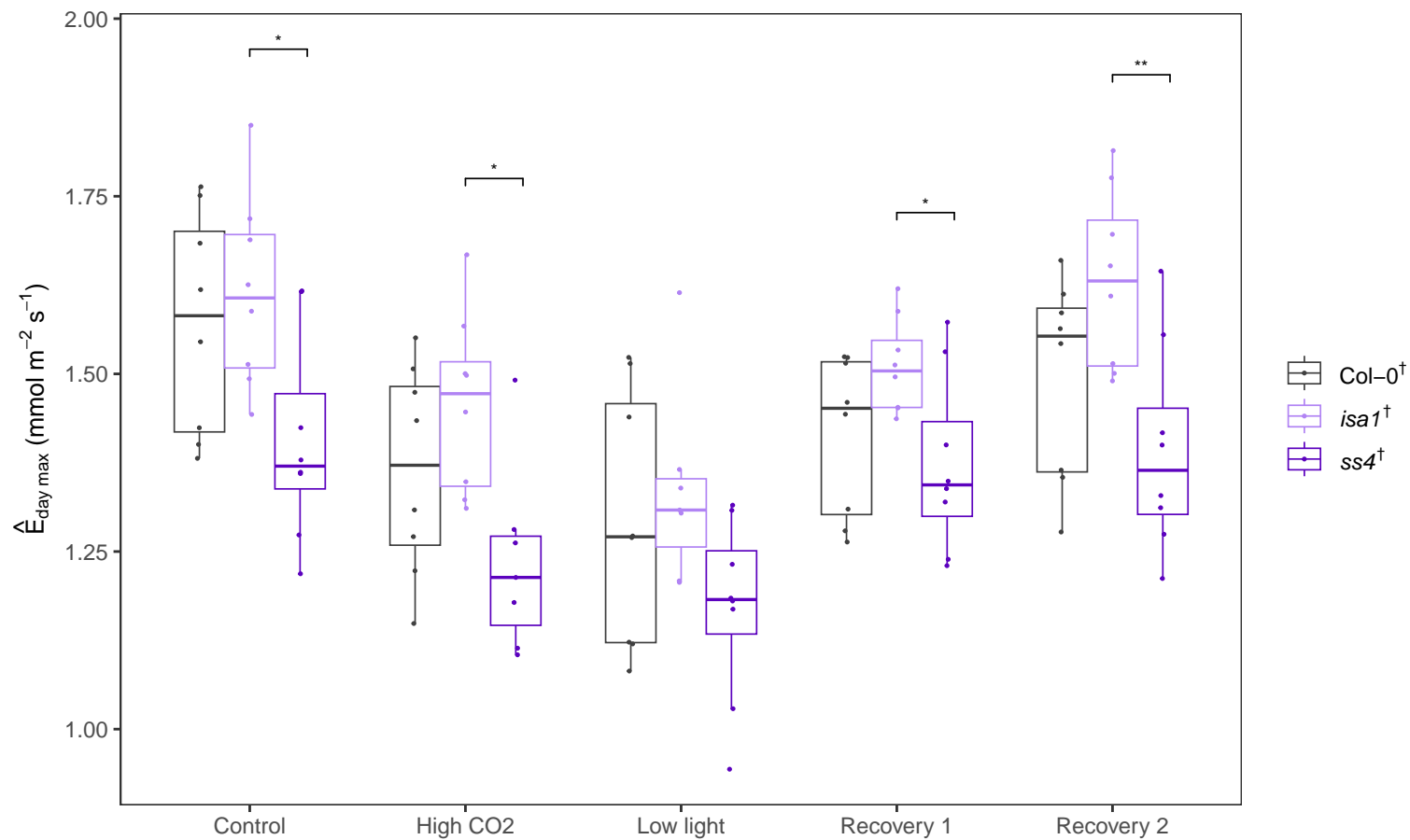




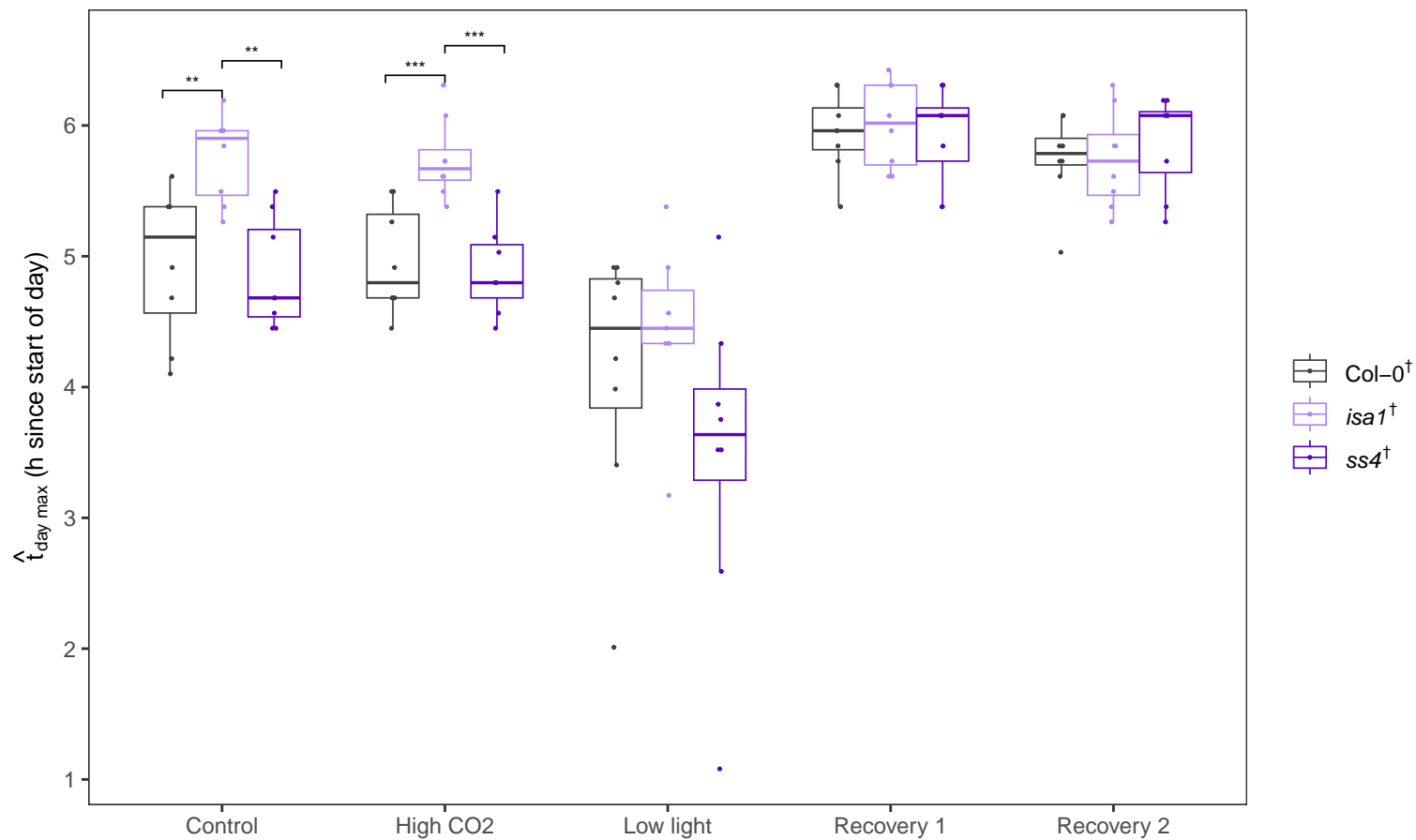
$h_g^2$  Geno 0.3<sup>\*\*\*\*</sup>, Env 0.63<sup>\*\*\*\*</sup>, Geno×Env 0.13<sup>ns</sup>



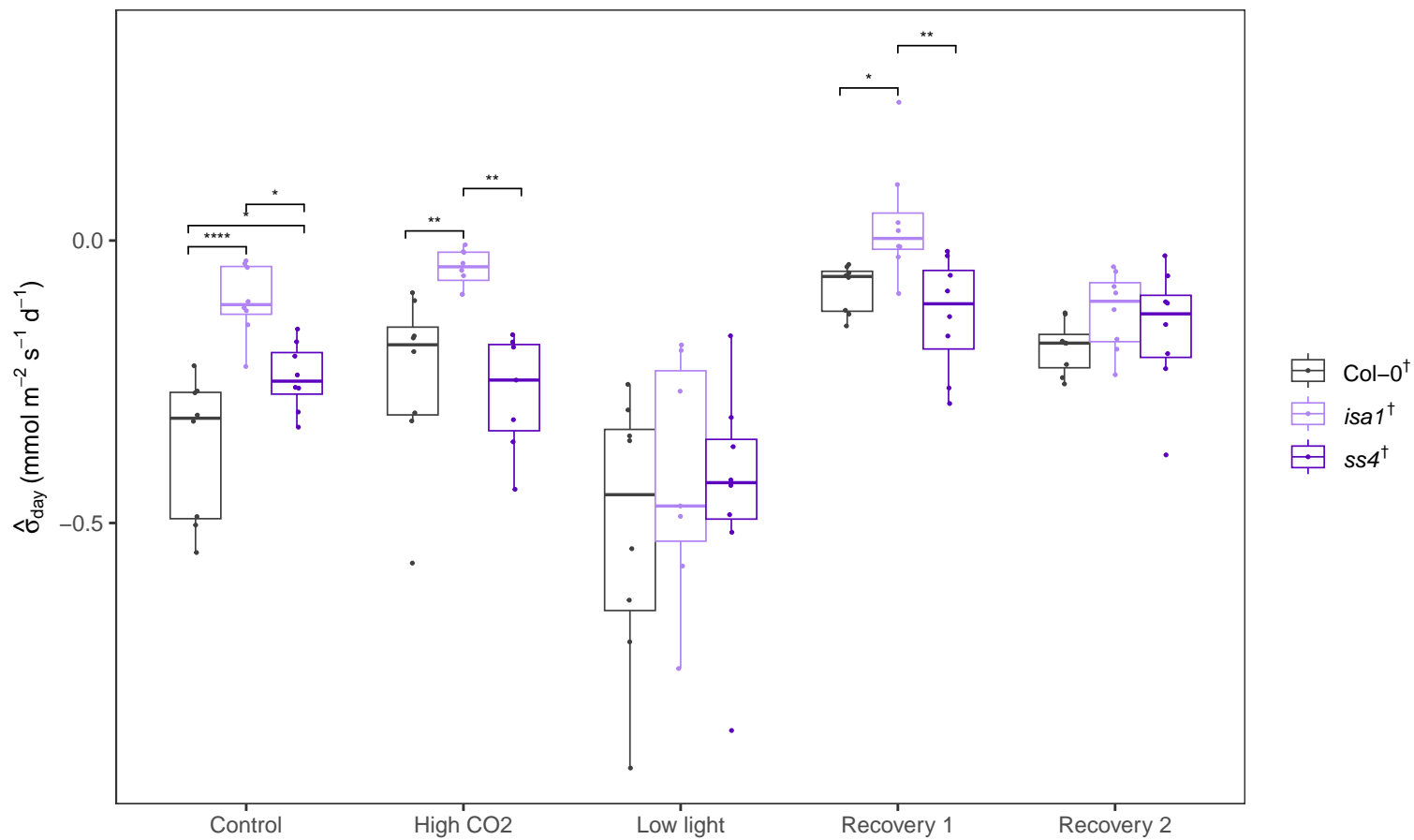
$h_g^2$  Geno 0.28<sup>\*\*\*\*</sup>, Env 0.37<sup>\*\*\*\*</sup>, GenoxEnv 0.03<sup>ns</sup>



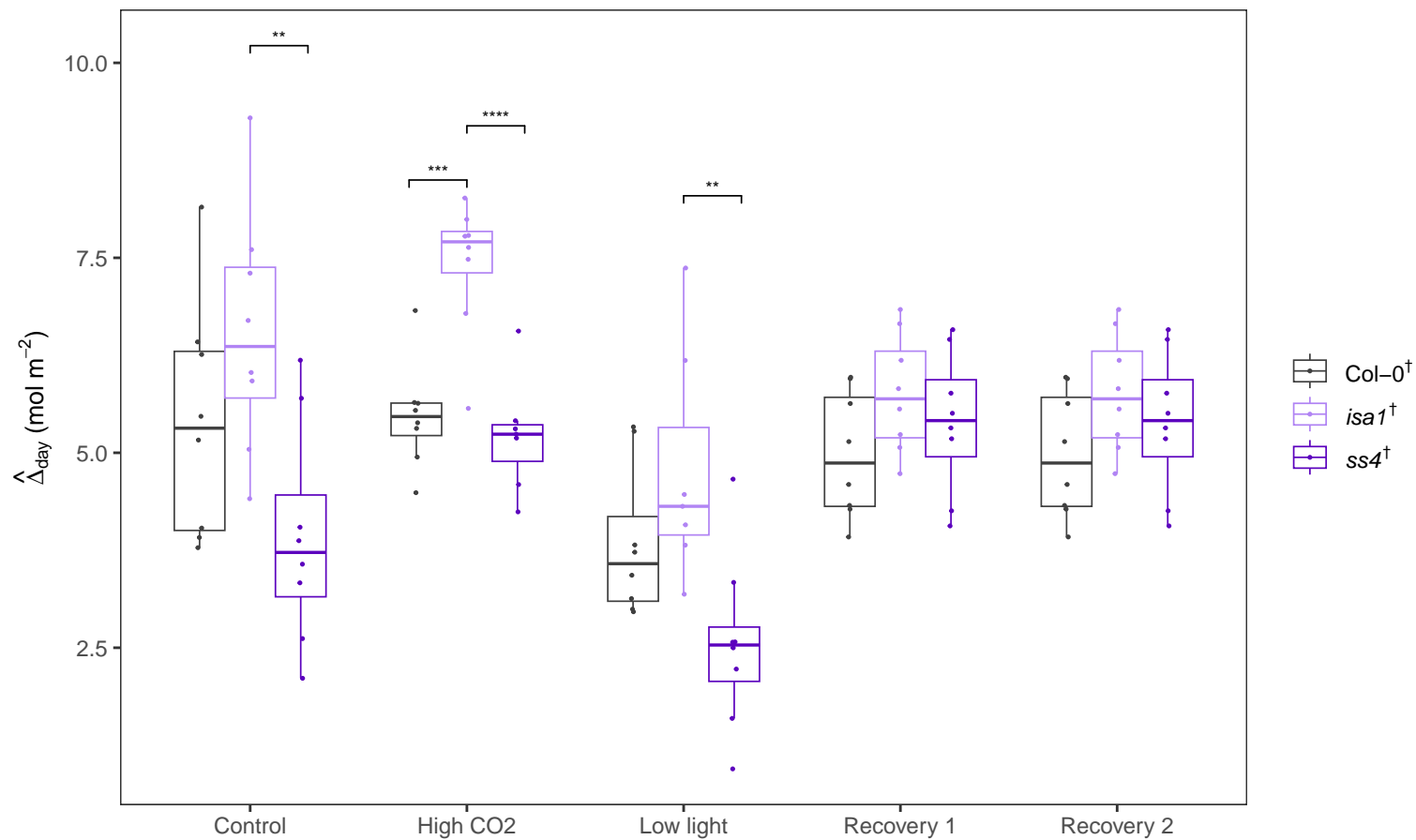
$\sigma^2_{\epsilon}$  Geno 0.16<sup>\*\*\*</sup>, Env 0.63<sup>\*\*\*\*</sup>, GenoxEnv 0.14<sup>\*</sup>



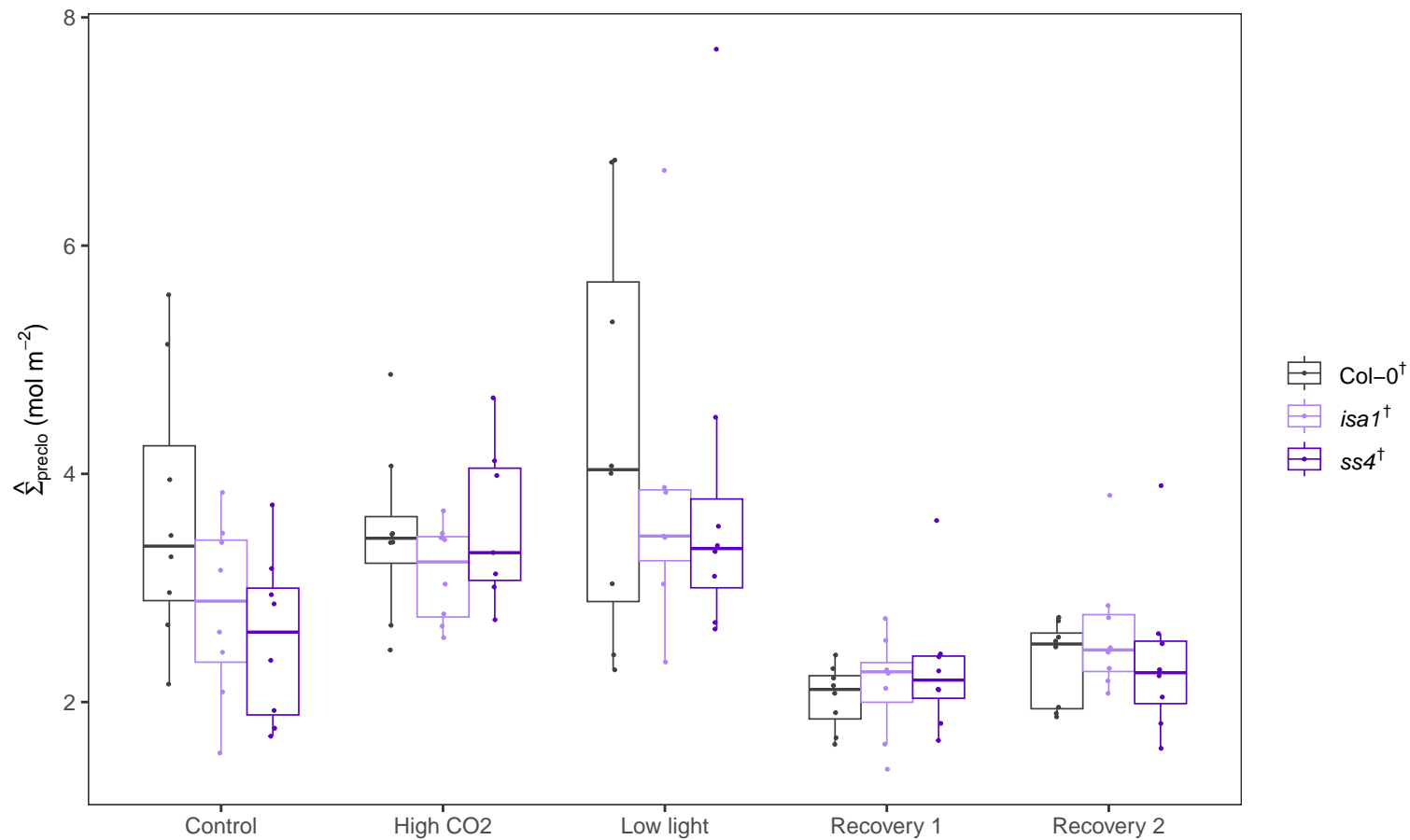
$h_g^2$  Geno 0.22<sup>\*\*\*\*</sup>, Env 0.55<sup>\*\*\*\*</sup>, GenoxEnv 0.1<sup>ns</sup>



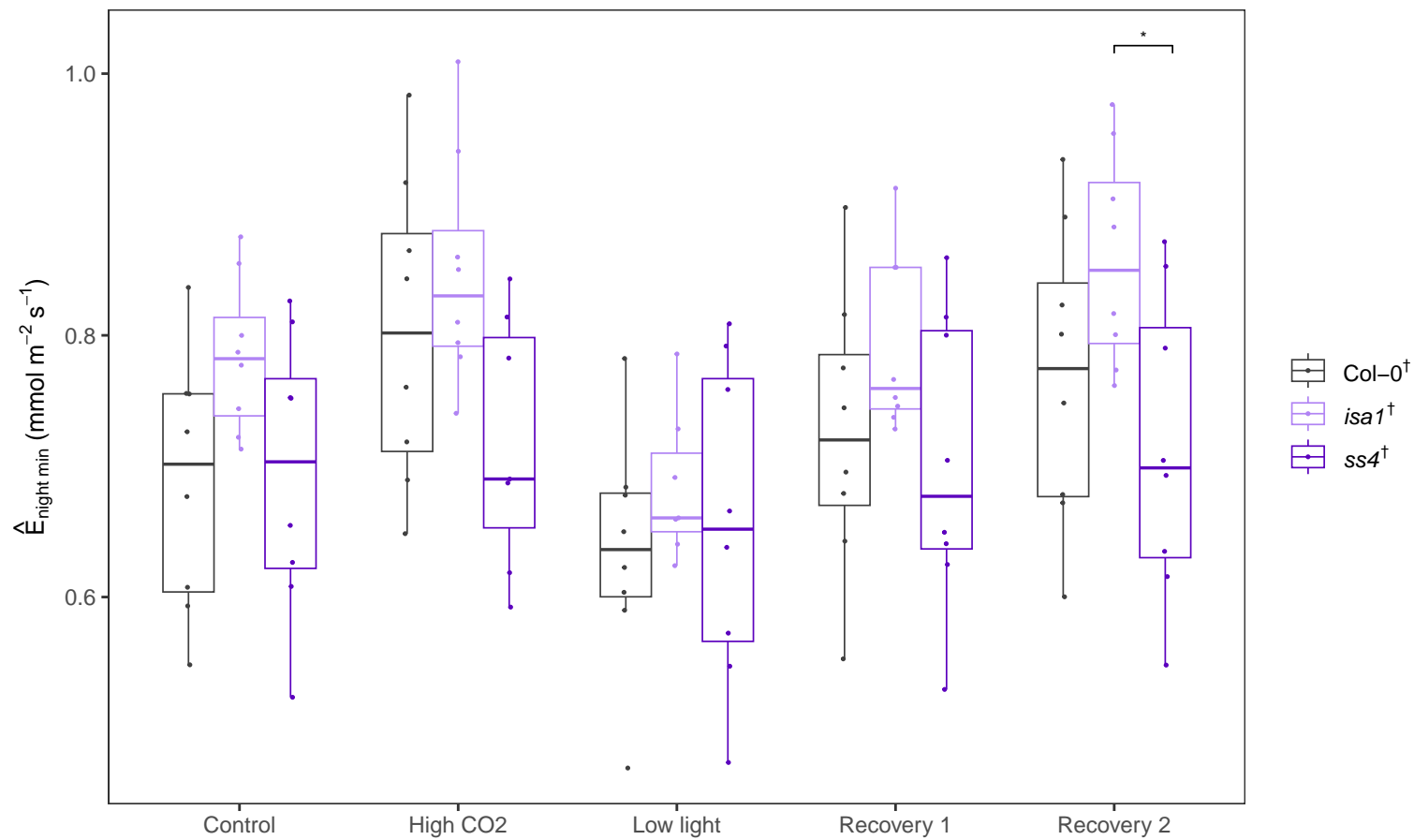




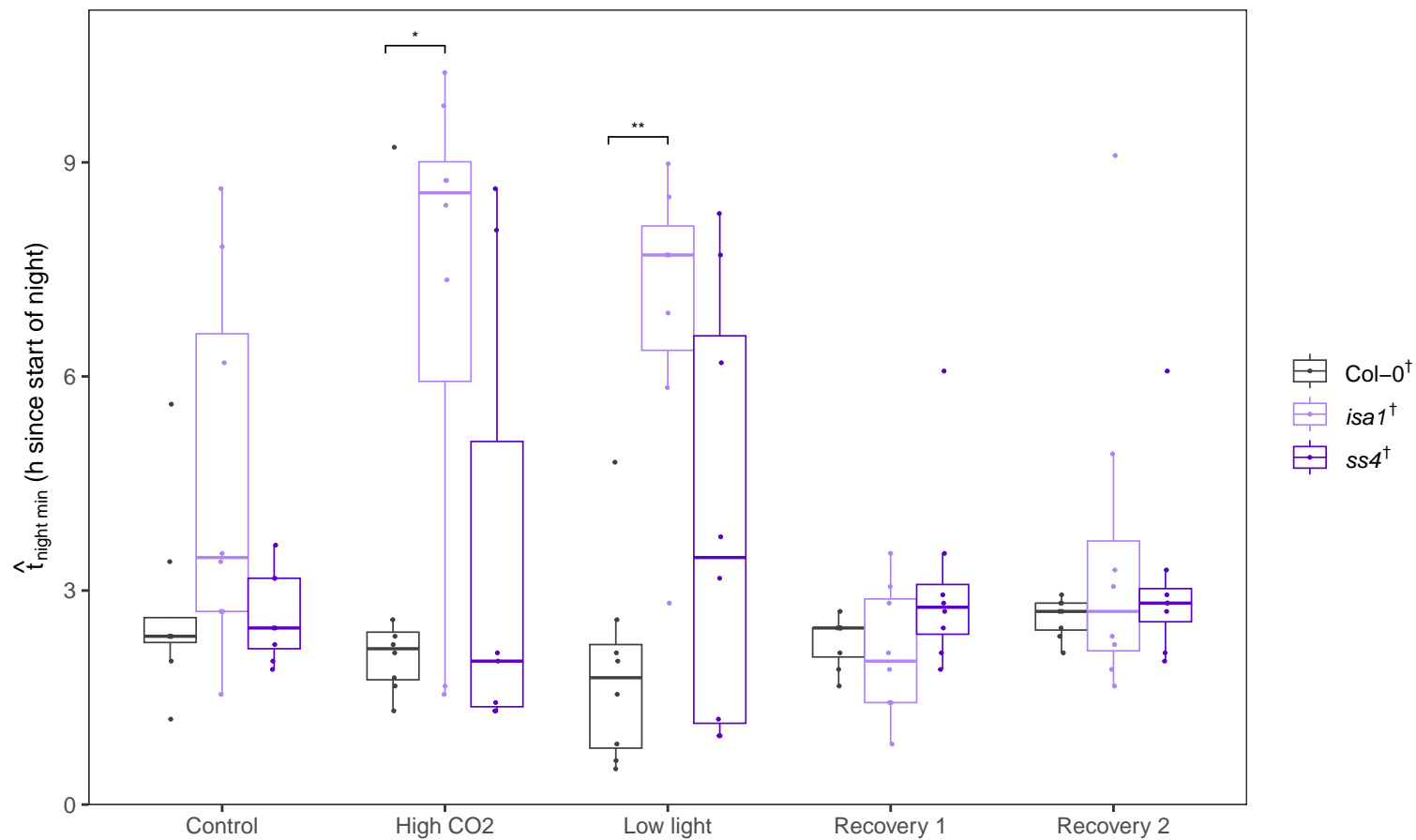
$h_g^2$  Geno 0.02<sup>ns</sup>, Env 0.36<sup>\*\*\*\*</sup>, GenoxEnv 0.06<sup>ns</sup>



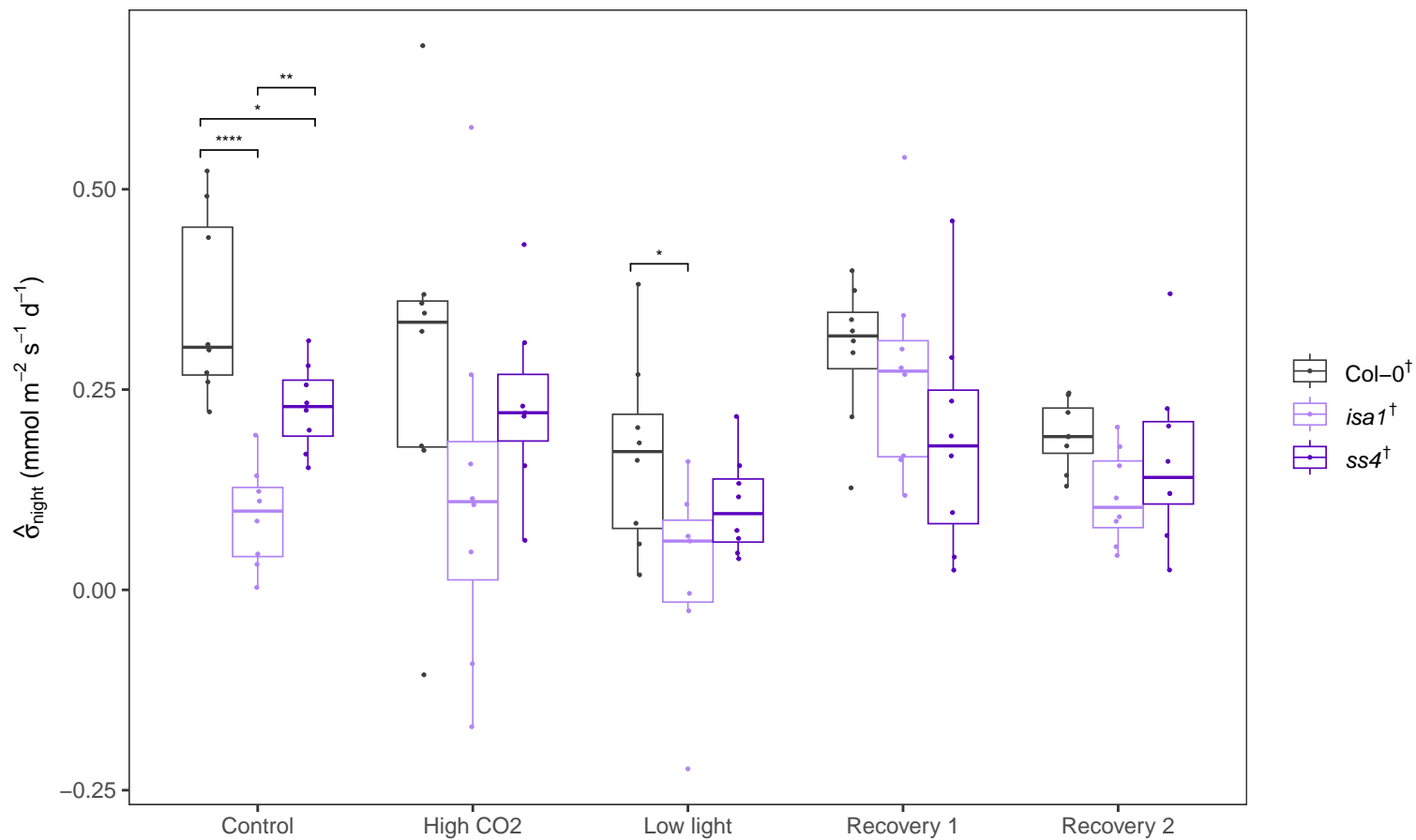
$n_g^2$  Geno 0.16<sup>\*\*\*</sup>, Env 0.2<sup>\*\*\*\*</sup>, GenoxEnv 0.04<sup>ns</sup>



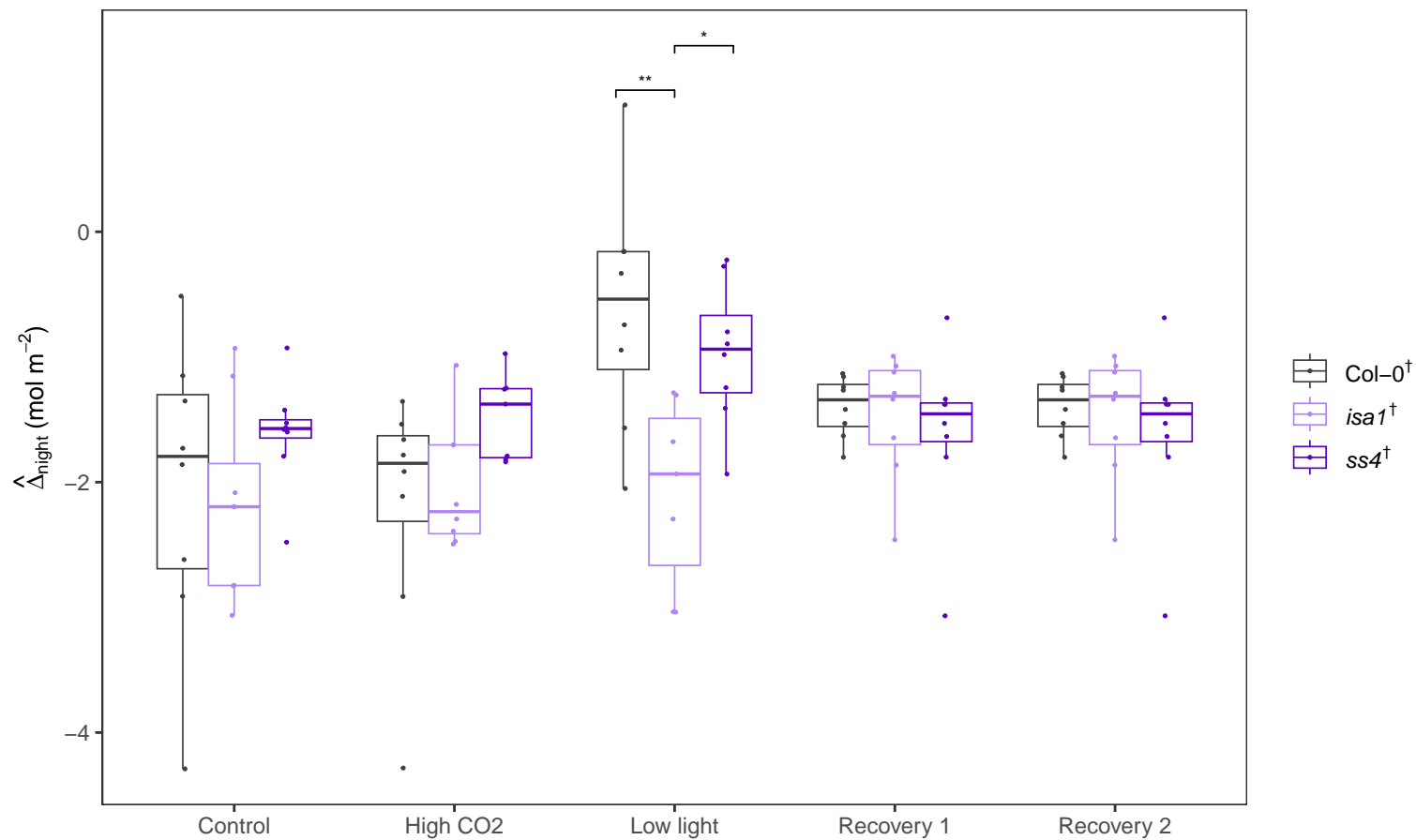
$h_0^2$  Genotype 0.21<sup>\*\*\*\*</sup>, Environment 0.13<sup>\*\*</sup>, Genotype×Environment 0.17<sup>\*</sup>



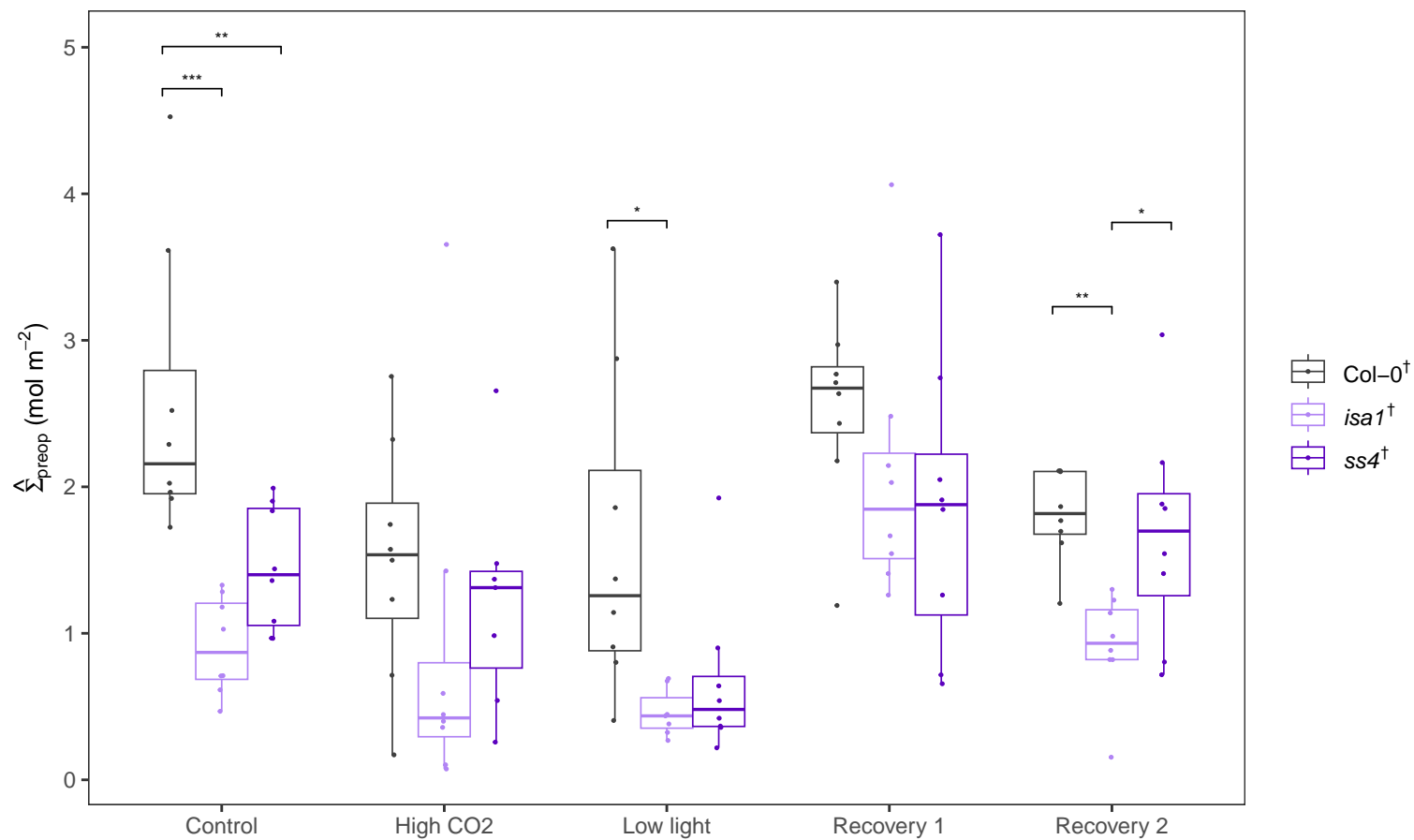
$h_g^2$  Geno 0.19<sup>\*\*\*\*</sup>, Env 0.18<sup>\*\*\*</sup>, GenoxEnv 0.1<sup>ns</sup>



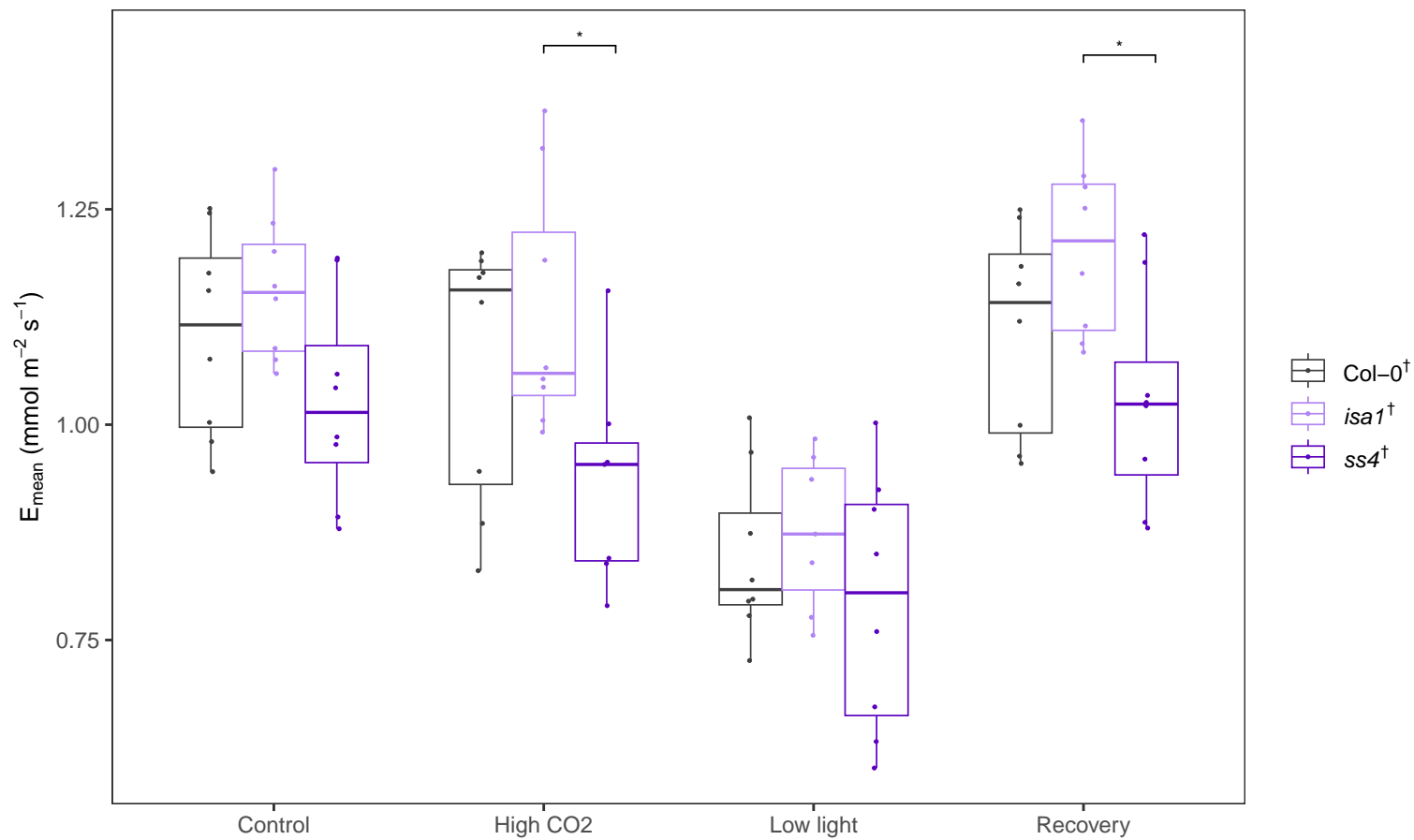
$h_g^2$  Geno 0.07<sup>\*</sup>, Env 0.16<sup>\*\*\*</sup>, GenoxEnv 0.17<sup>\*</sup>



$h_g^2$  Geno 0.24<sup>\*\*\*\*</sup>, Env 0.26<sup>\*\*\*\*</sup>, GenoxEnv 0.09<sup>ns</sup>

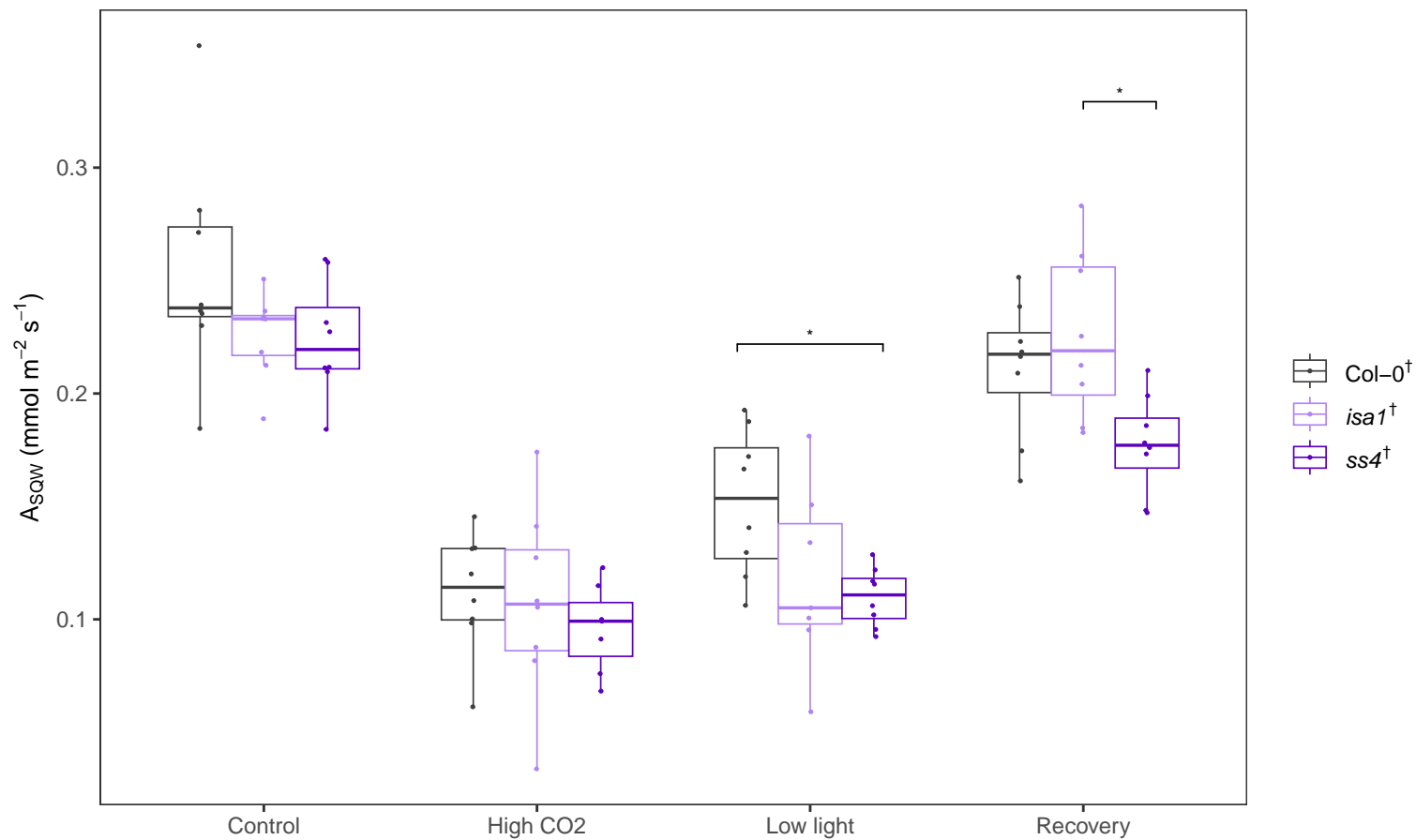


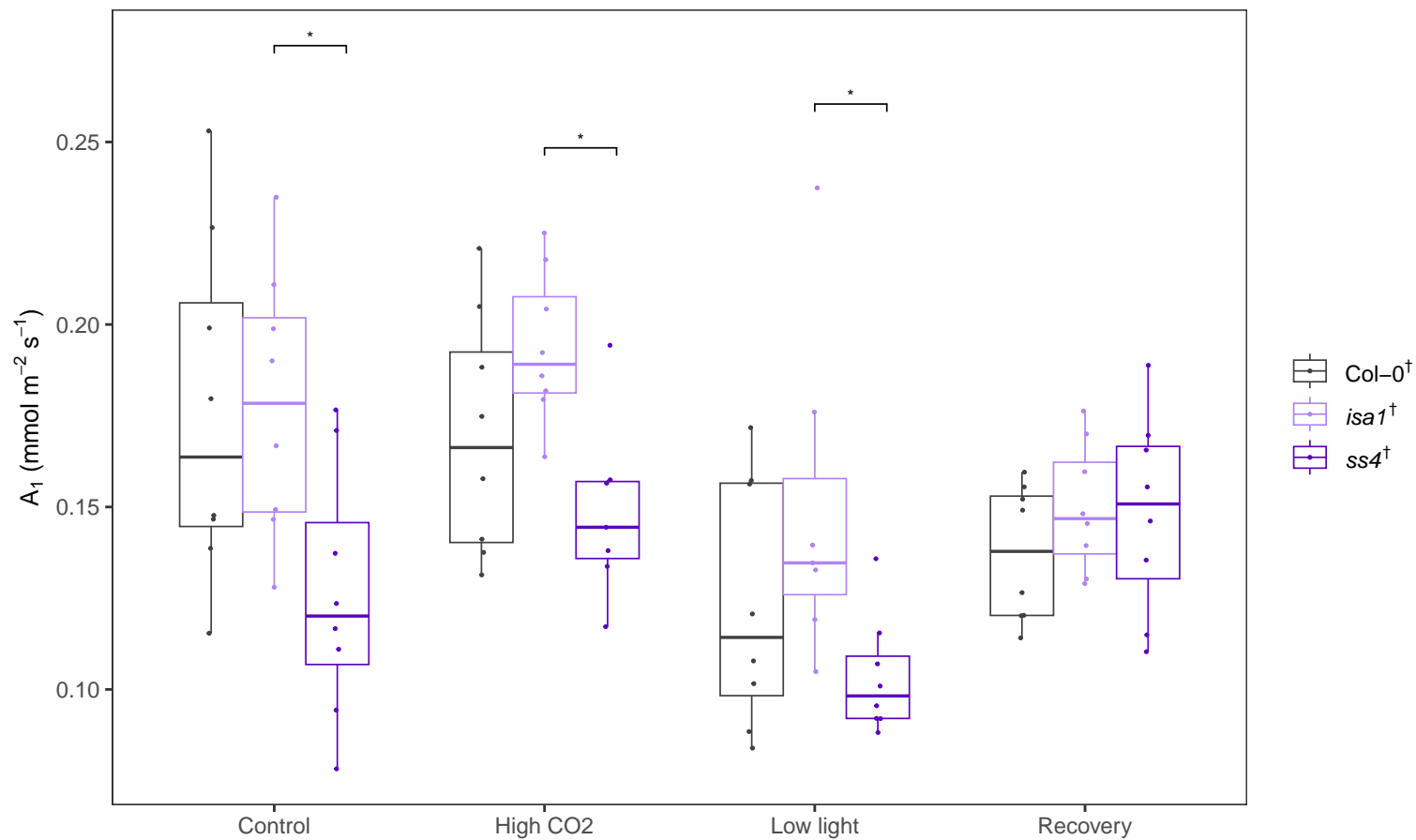
$\ln_9^2$  Geno 0.22<sup>\*\*\*\*</sup>, Env 0.48<sup>\*\*\*\*</sup>, GenoxEnv 0.03<sup>ns</sup>



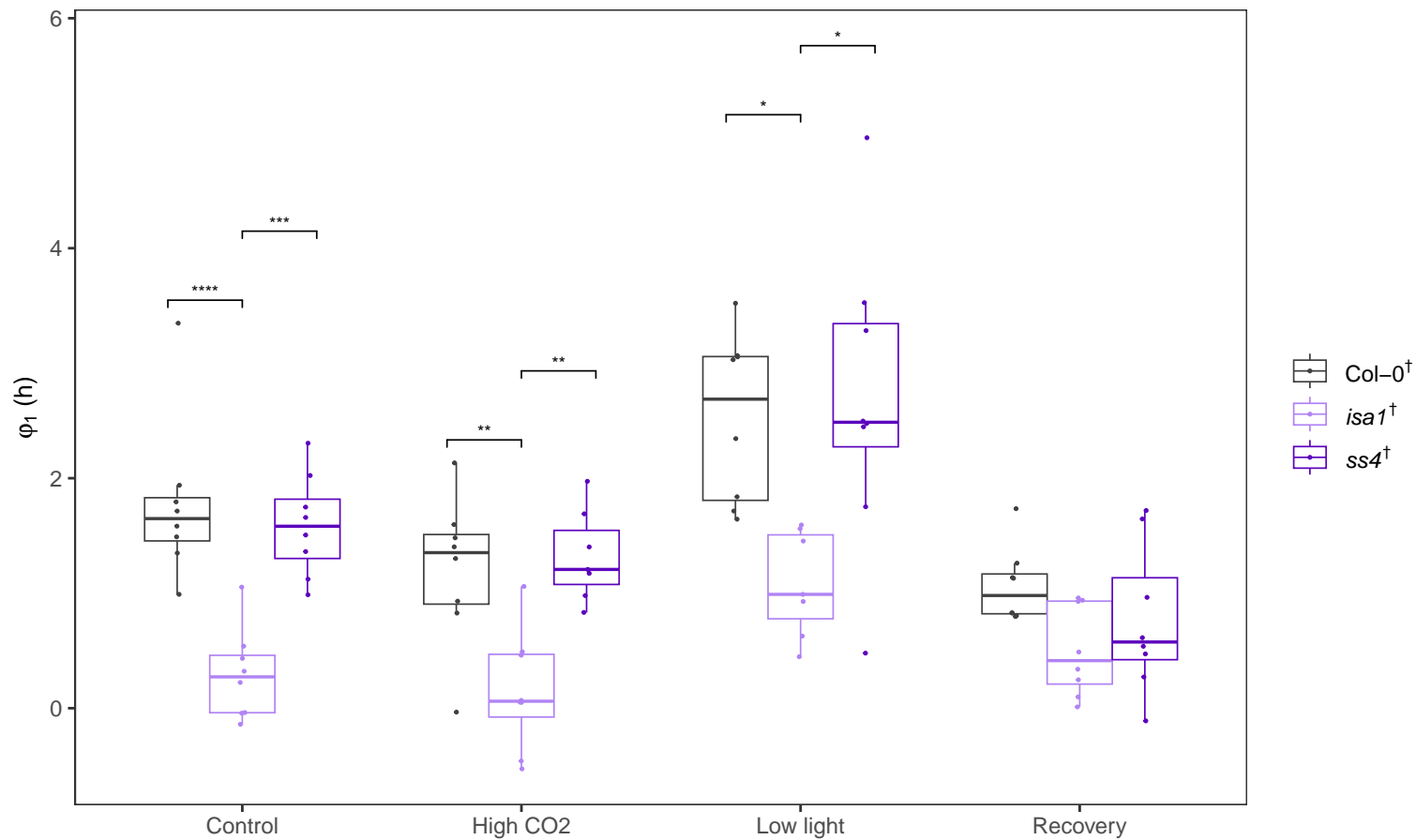


$h_g^2$  Geno 0.15<sup>\*\*\*</sup>, Env 0.77<sup>\*\*\*\*</sup>, GenoxEnv 0.09<sup>ns</sup>

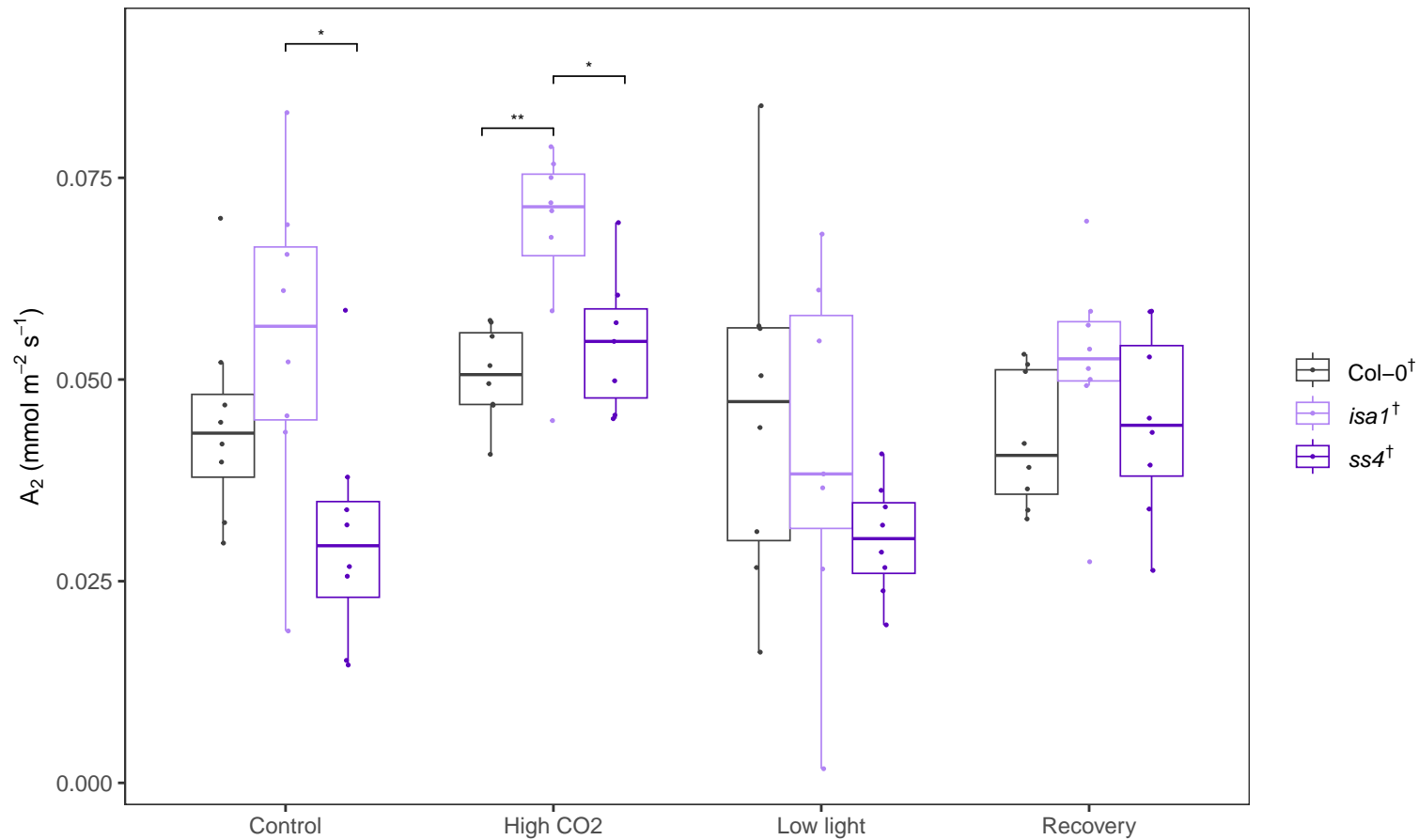


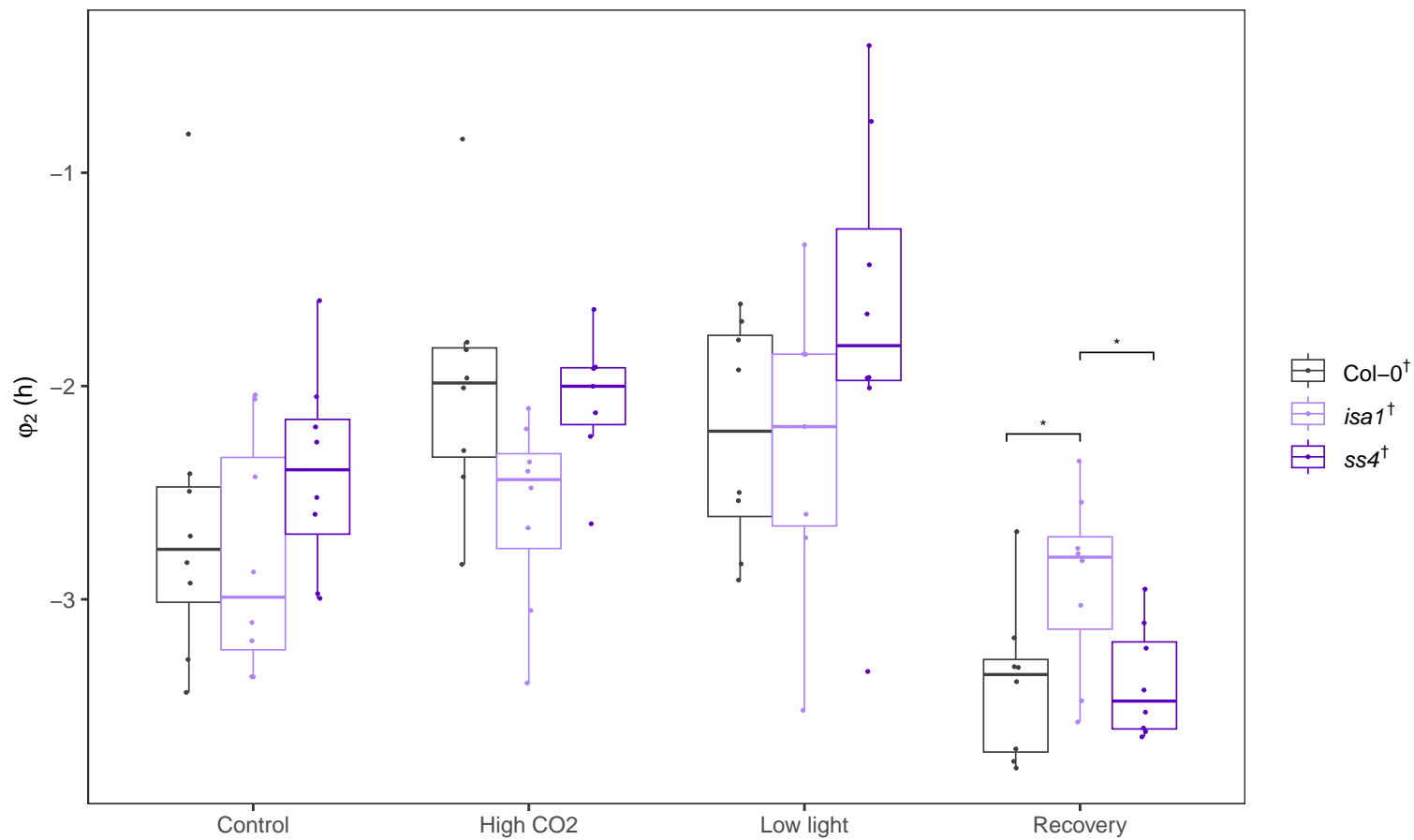


$h_g^2$  Geno 0.43<sup>\*\*\*\*</sup>, Env 0.42<sup>\*\*\*\*</sup>, GenoxEnv 0.12<sup>ns</sup>

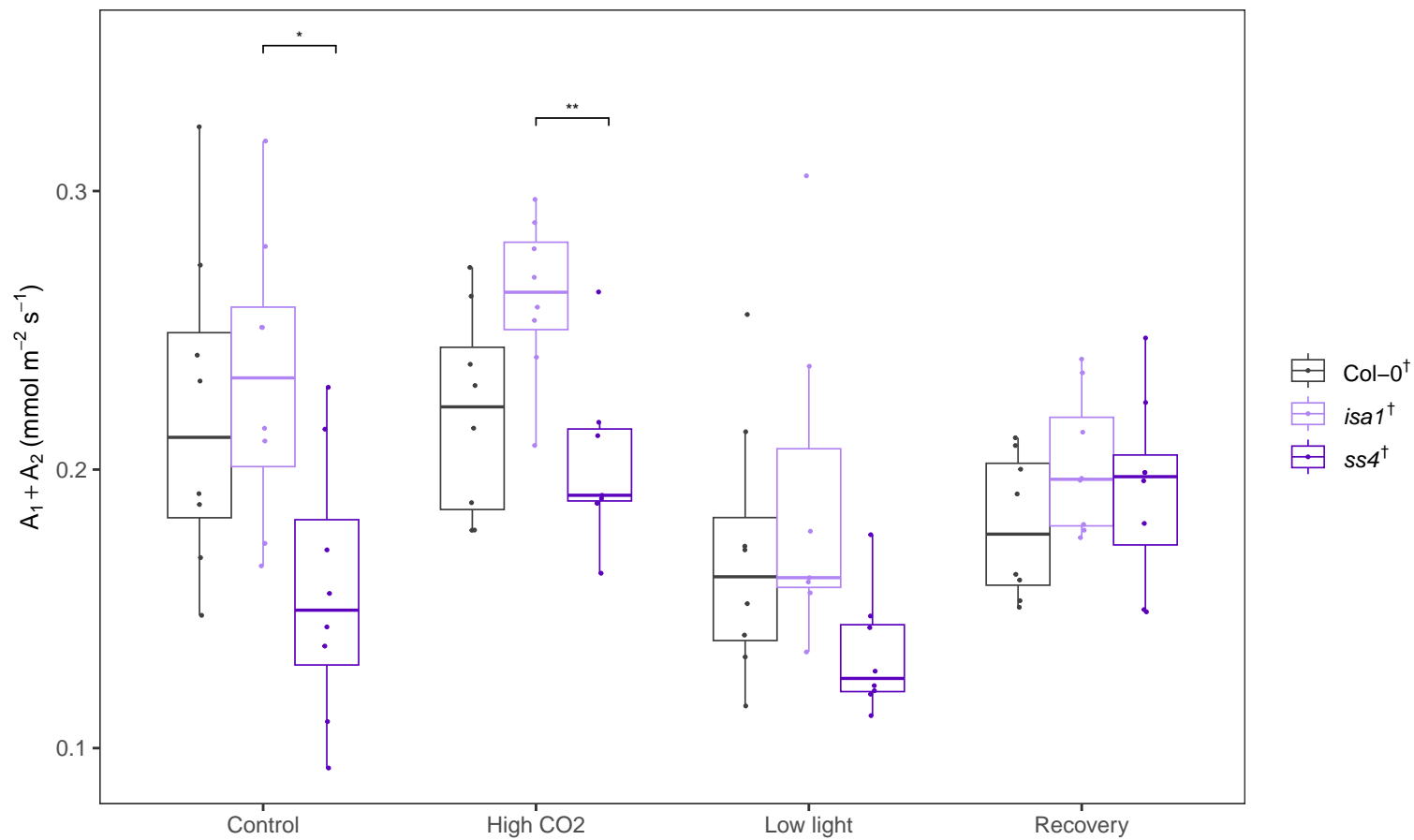


$h_g^2$  Geno 0.16<sup>\*\*\*</sup>, Env 0.22<sup>\*\*\*</sup>, Geno×Env 0.11<sup>ns</sup>

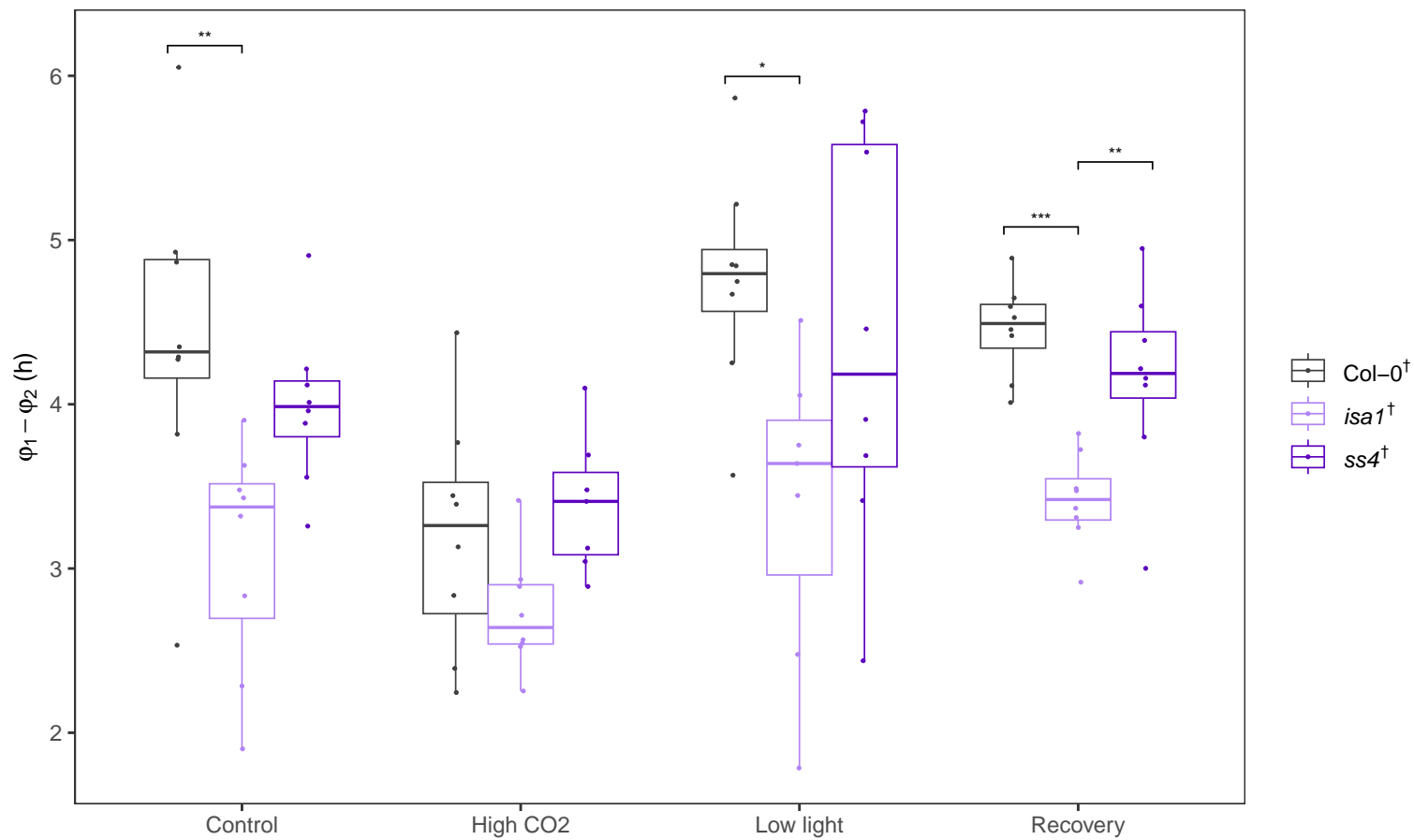




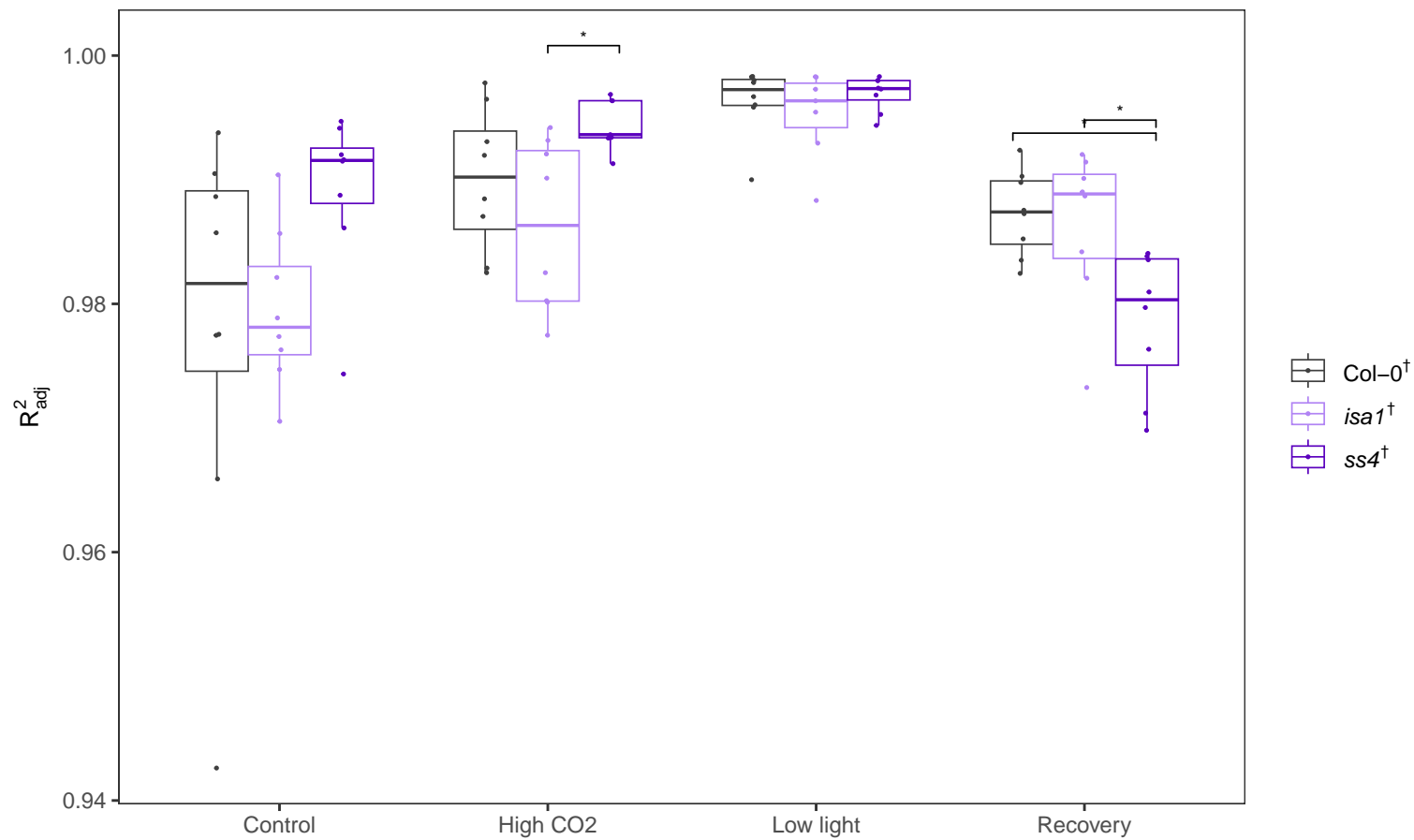
$h_g^2$  Geno 0.22<sup>\*\*\*\*</sup>, Env 0.26<sup>\*\*\*\*</sup>, GenoxEnv 0.11<sup>ns</sup>



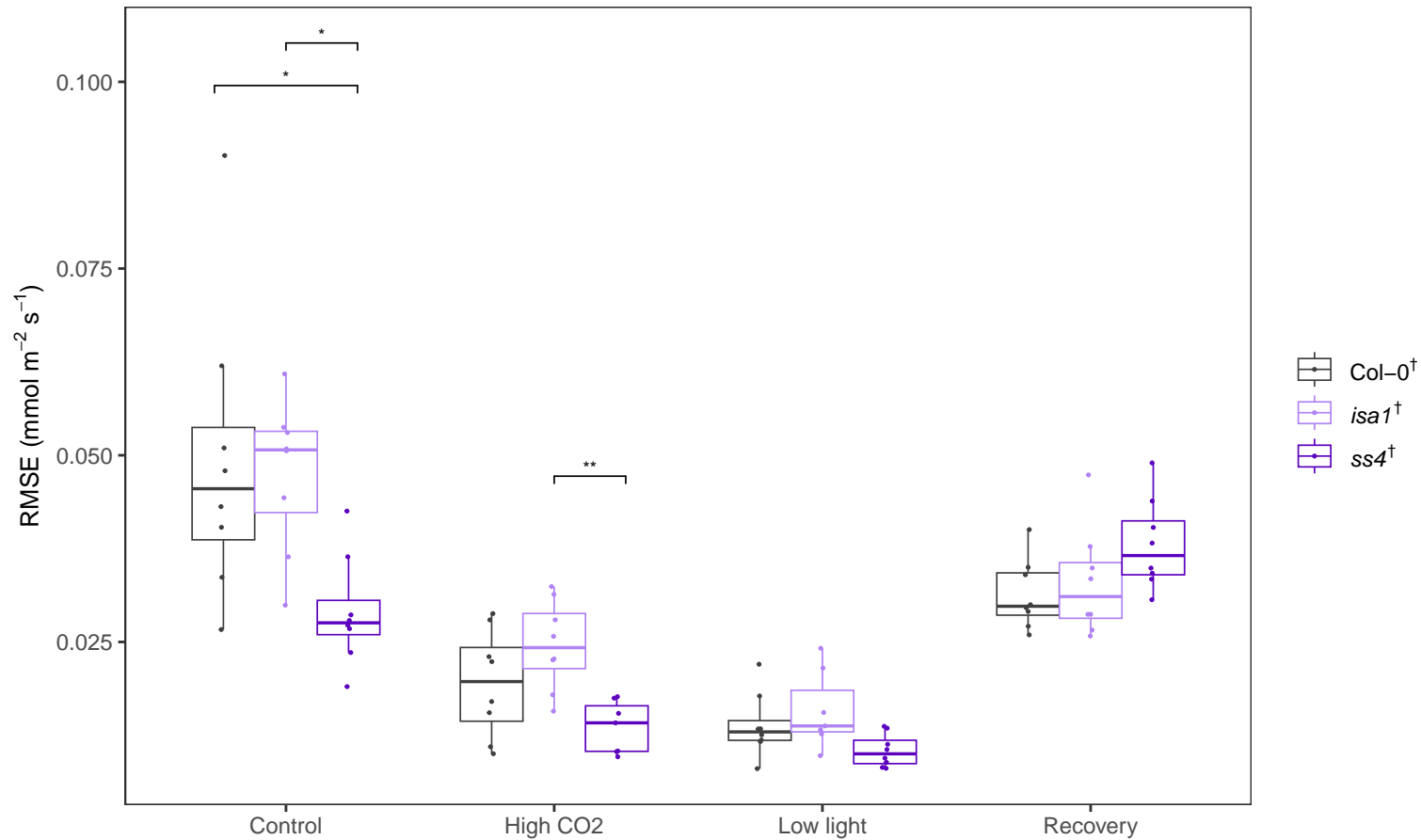
$h_g^2$  Geno 0.32<sup>\*\*\*\*</sup>, Env 0.27<sup>\*\*\*\*</sup>, GenoxEnv 0.05<sup>ns</sup>



$h_g^2$  Geno 0.04<sup>ns</sup>, Env 0.42<sup>\*\*\*\*</sup>, GenoxEnv 0.22<sup>\*\*</sup>







$h_g^2$  Geno 0.05<sup>ns</sup>, Env 0.55<sup>\*\*\*\*</sup>, GenoxEnv 0.06<sup>ns</sup>

