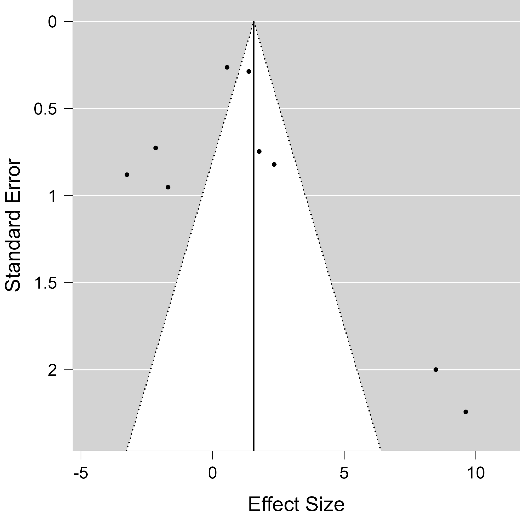
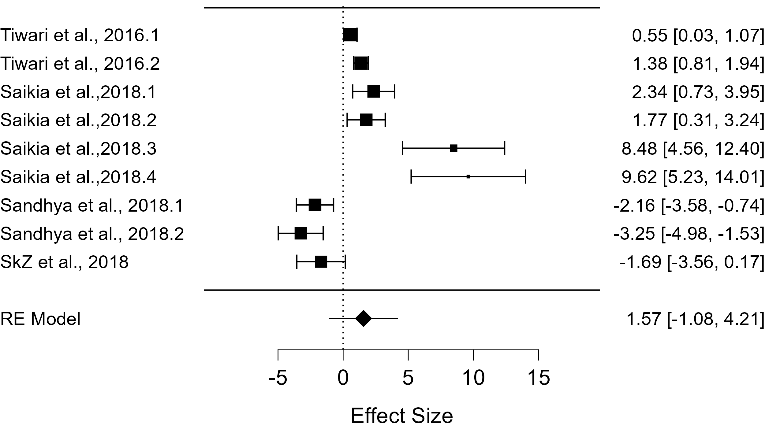
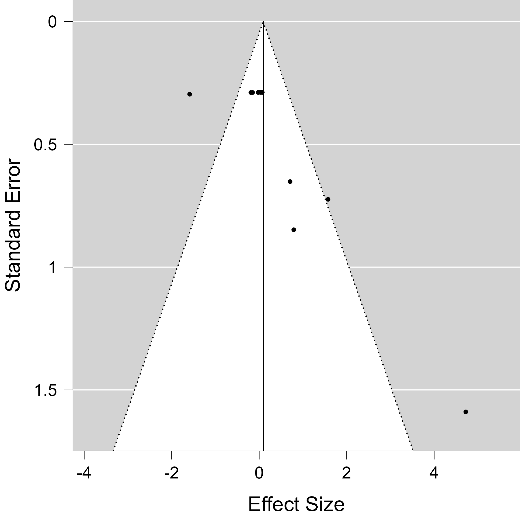
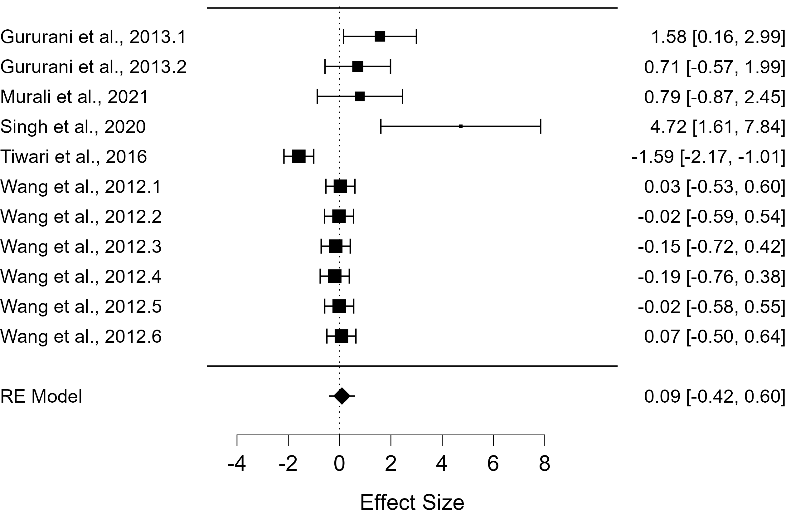
**Figure S1**. Graphic output of all 4 included articles in the meta-analysis regarding the ACO expression with PGPR in plants exposed to drought stress. a) The forest plot illustrates the heterogeneity and the aggregate result; b) The funnel plot detects publication bias.



a)

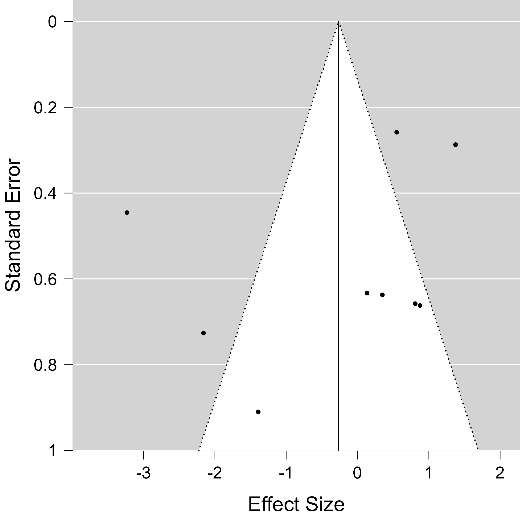
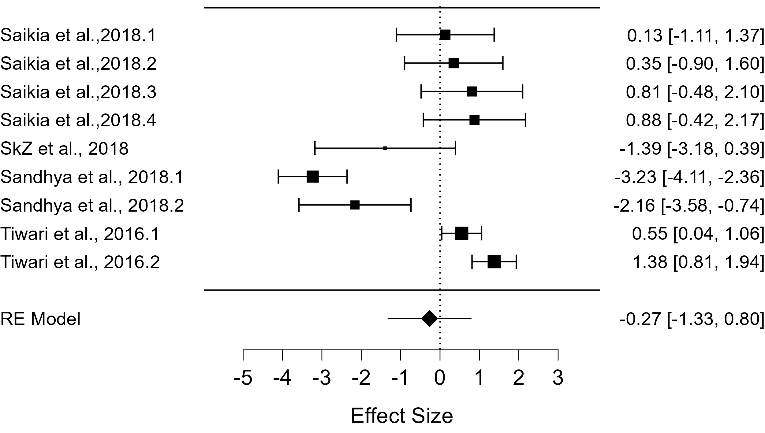
b)

**Figure S2.** Graphic output of all 4 included articles in the meta-analysis regarding the ACS expression with PGPR in plants exposed to drought stress. a) The forest plot illustrates the heterogeneity and the aggregate result; b) The funnel plot detects publication bias.



a)

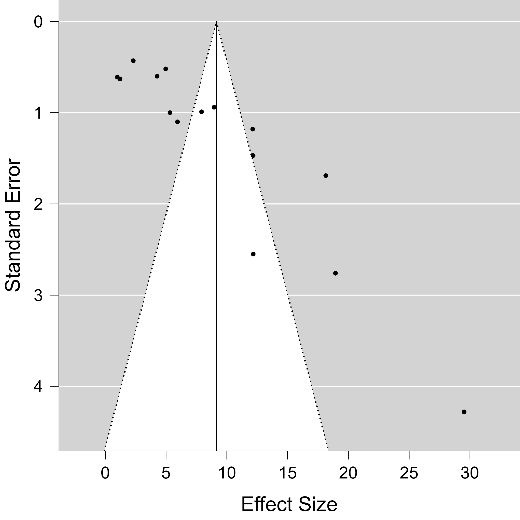
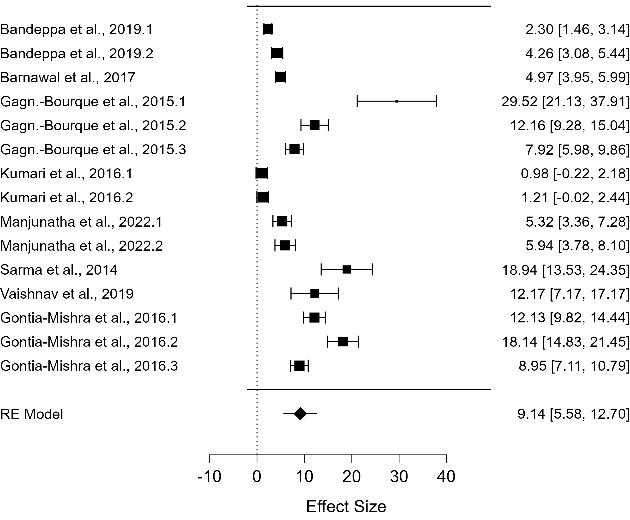
b)



a)

b)

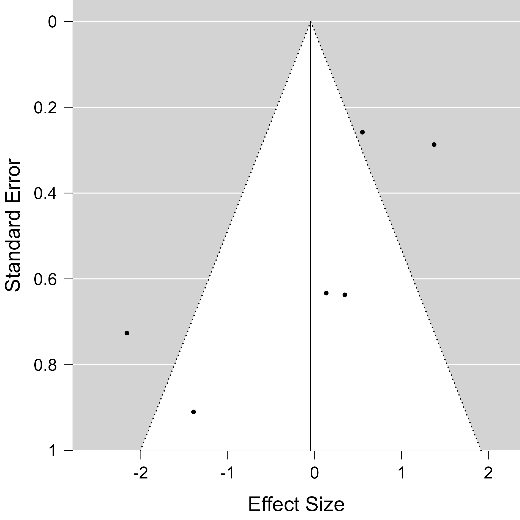
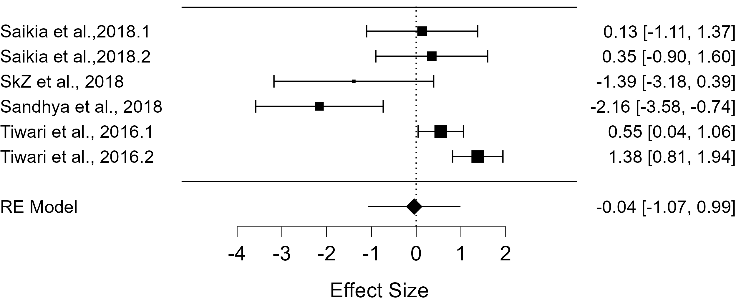
**Figure S3.** Graphic output of all 5 included articles in the meta-analysis regarding the APX expression with PGPR in plants exposed to drought stress. a) The forest plot illustrates the heterogeneity and the aggregate result; b) The funnel plot detects publication bias



a)

b)

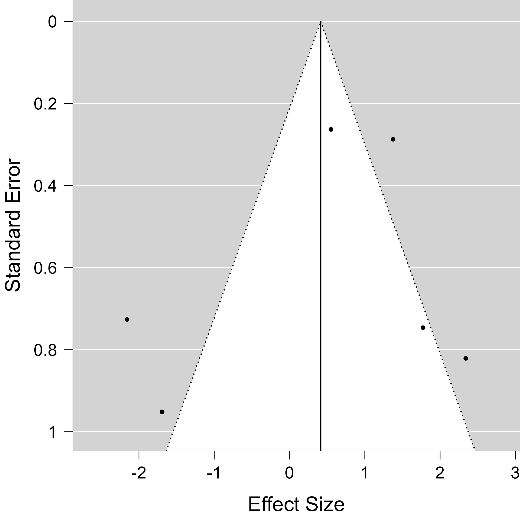
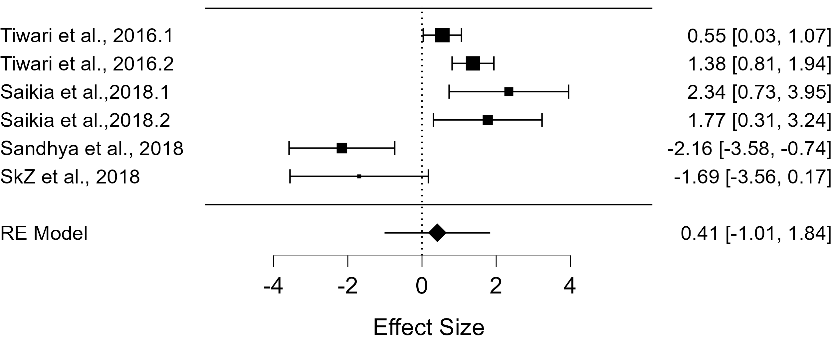
**Figure S4.** Graphic output of all 8 included articles in the meta-analysis regarding the DREB2 expression with PGPR in plants exposed to drought stress. a) The forest plot illustrates the heterogeneity and the aggregate result; b) The funnel plot detects publication bias



a)

b)

**Figure S5.** Forest plot and funnel plot of ACO. Subgroup analysis from 4 articles was conducted according to drought stress and leaves. a) The forest plot illustrates the heterogeneity and the aggregate result; b) The funnel plot detects publication bias.

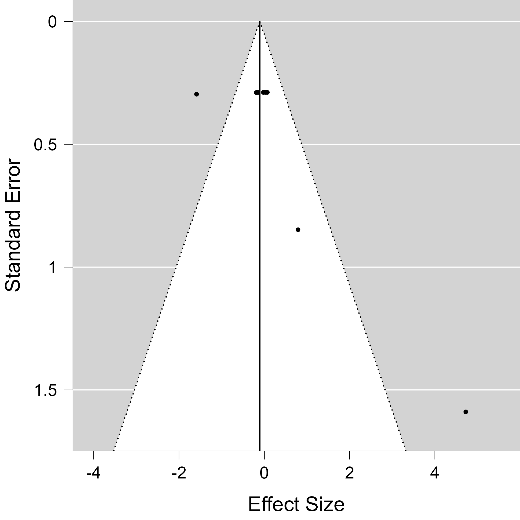
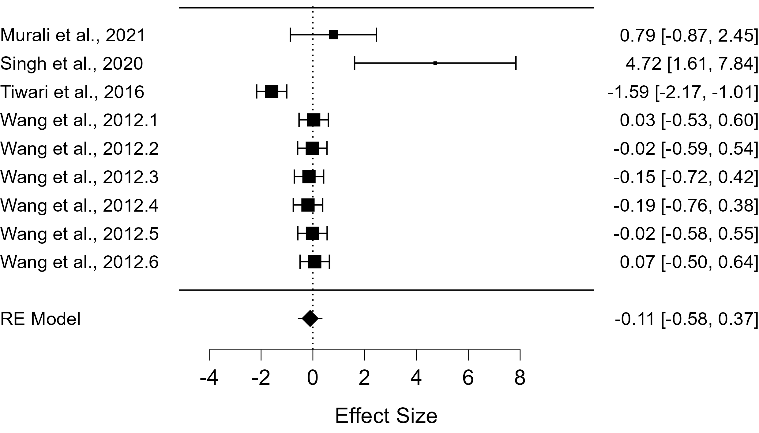


a)

b)

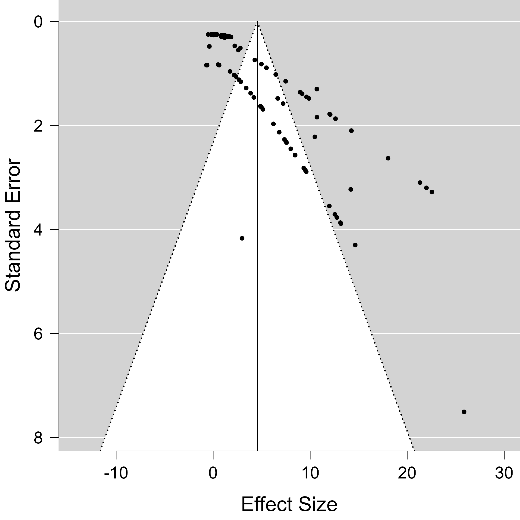
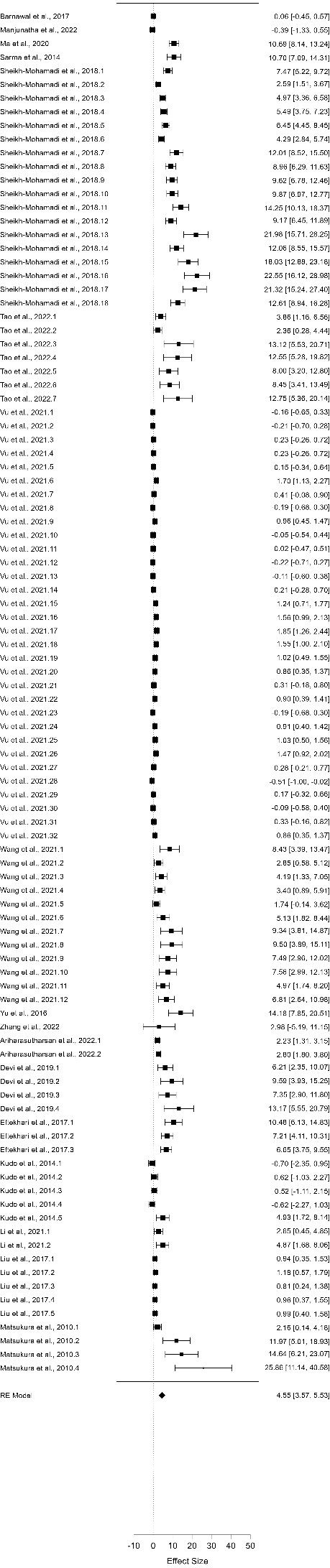
**Figure S6.** Forest plot and funnel plot of ACS. Subgroup analysis from 4 articles was conducted according to drought stress and leaves. a) The forest plot illustrates the heterogeneity and the aggregate result; b) The funnel plot detects publication bias.

**Figure S7.** Forest plot and funnel plot of APX. Subgroup analysis from 4 articles was conducted according to the used method to induce drought stress (dehydration) and leaves. a) The forest plot illustrates the heterogeneity and the aggregate result; b) The funnel plot detects publication bias.



a)

b)



a)

b)

**Figure S8.** Graphic output of all 17 included articles in the meta-analysis regarding the DREB2 expression without PGPR in plants exposed to drought stress. a) The forest plot illustrates the heterogeneity and the aggregate result; b) The funnel plot detects publication bias.