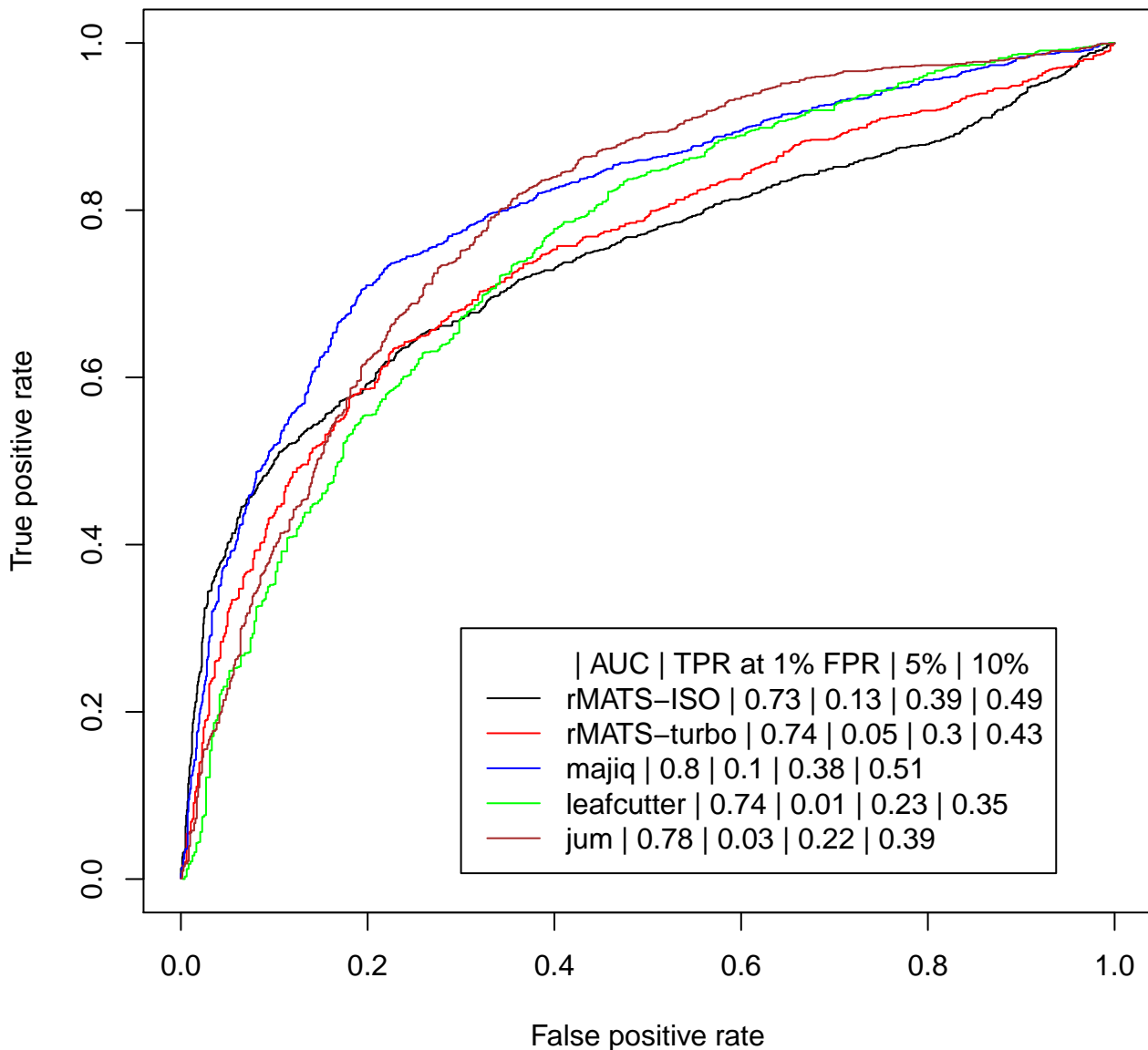
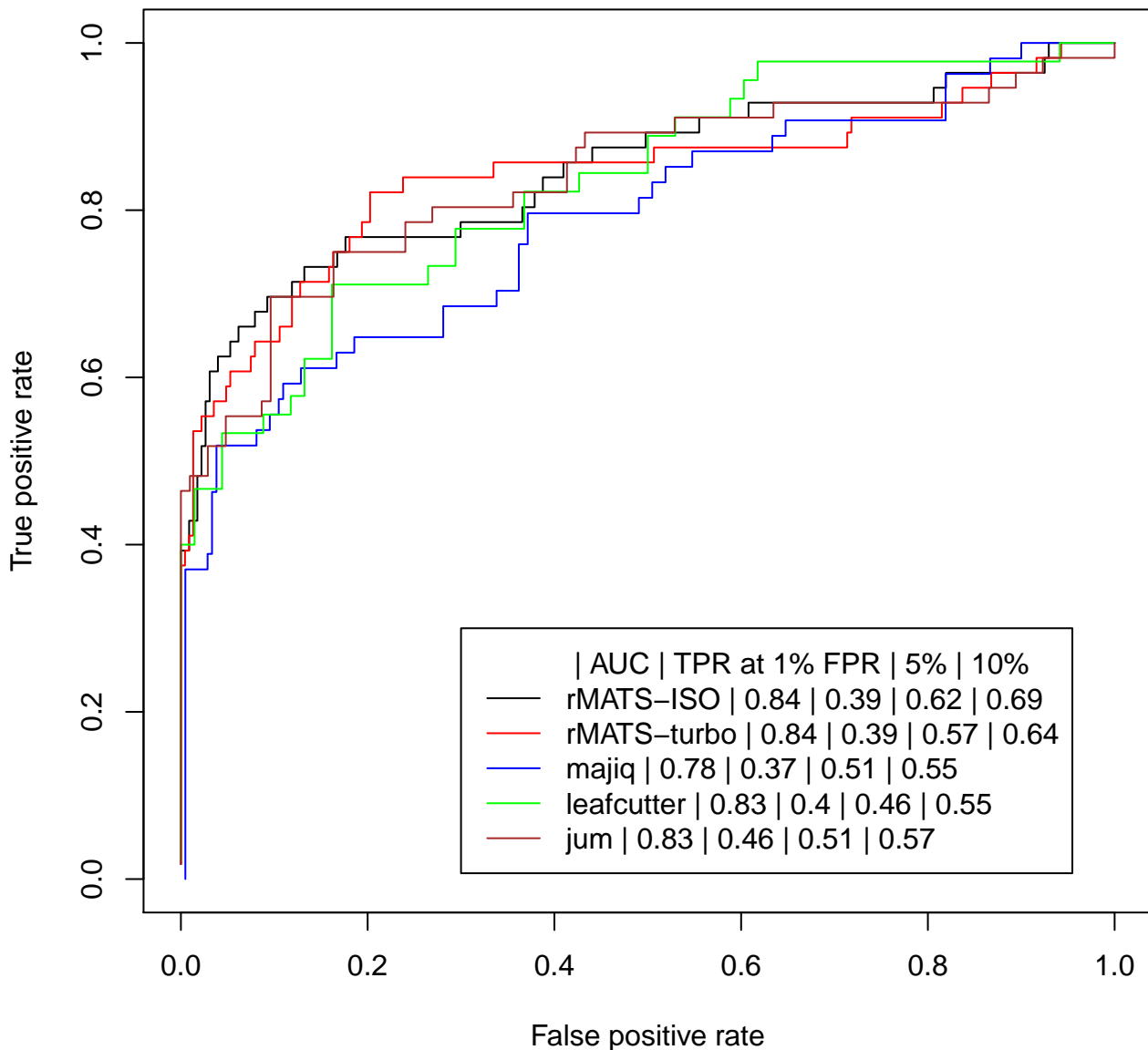


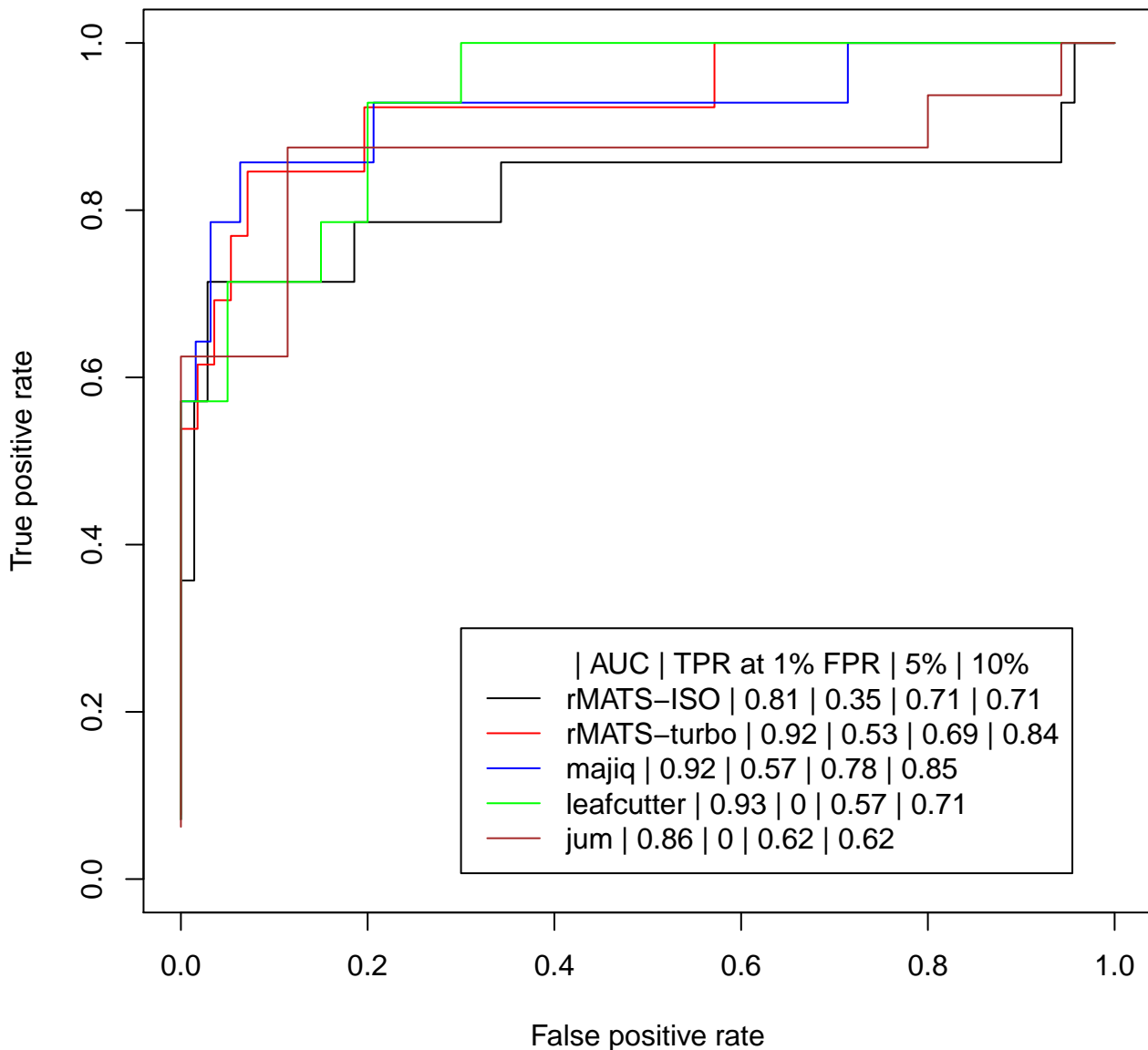
**Gold Standard Filtered by Total Count  $\geq 10$**   
**H1 GLMM logistic P 0.005; H0 P  $> 0.5$ ,  $\Delta\psi < 0.01$**



**SE only**  
**H1 GLMM logistic P 0.005; H0 P >0.5, delta psi <0.01**



**ASS only**  
**H1 GLMM logistic P 0.005; H0 P >0.5, delta psi <0.01**



**SE and ASS**  
**H1 GLMM logistic P 0.005; H0 P >0.5, delta psi <0.01**

