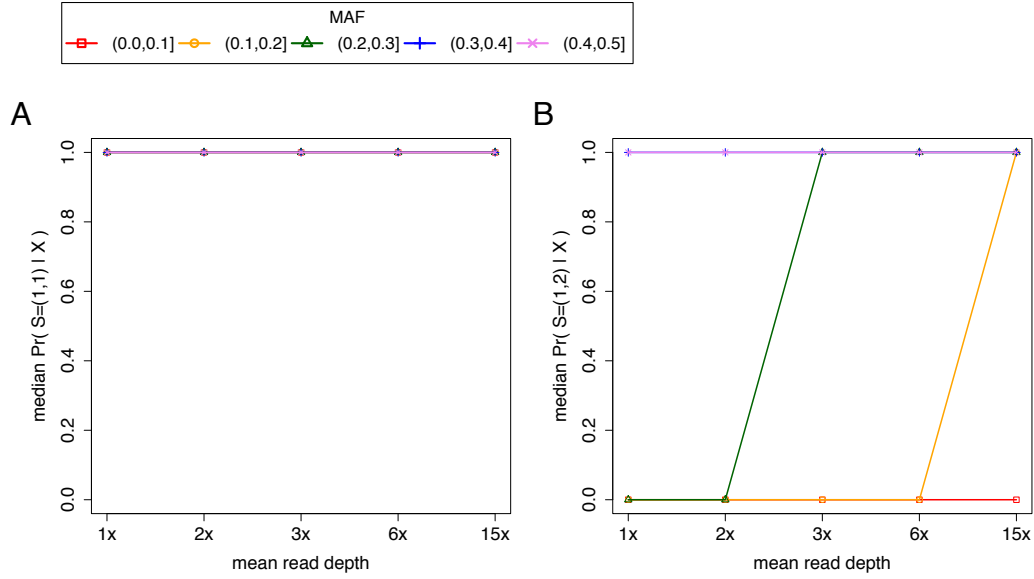
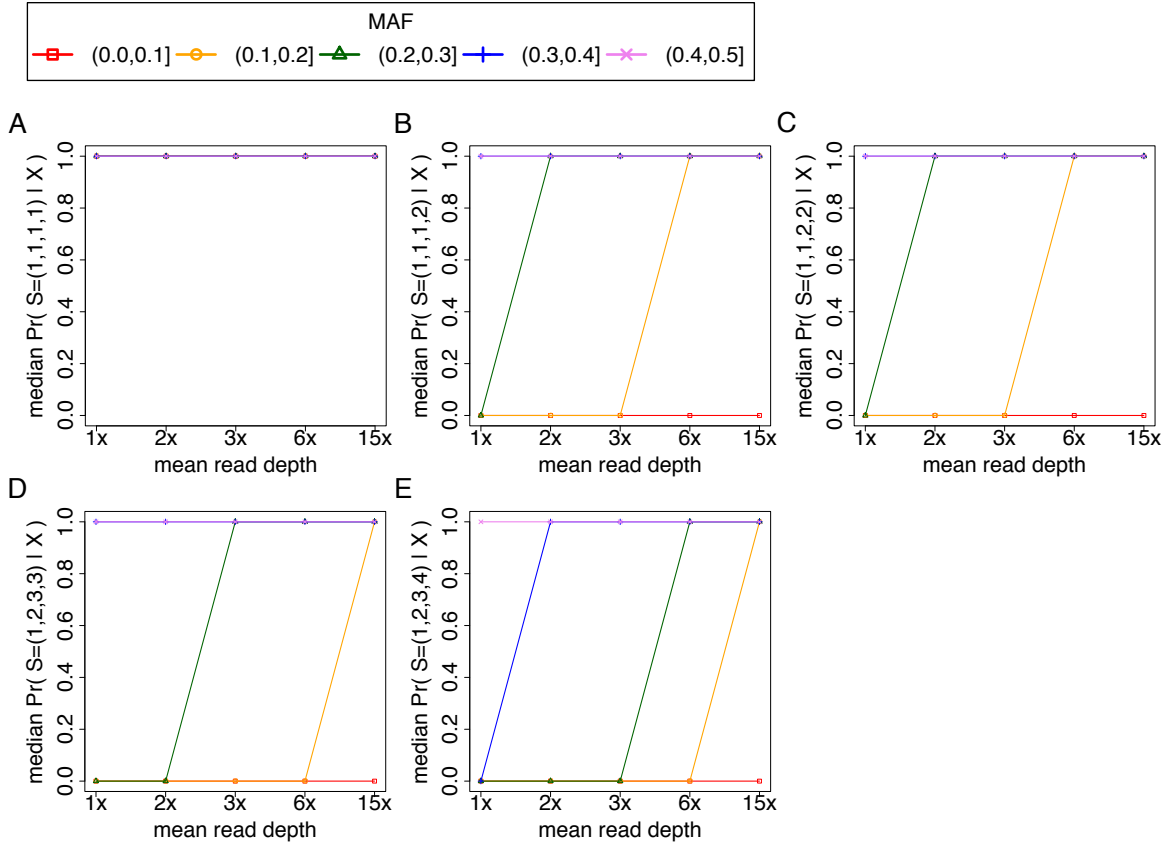




Algorithm's accuracy as a function of the mean read depth of samples and the MAF of analyzed sites for $k = 2$.

(A and B) Each plot shows estimates of the median posterior probability of the true source vector (y -axis) as a function of mean read depth of samples (x -axis) and MAF of sites (legend). Each data point presents the median posterior probability of $S = (1,1)$ and $S = (1,2)$ across 15 and 100 runs of the algorithm, respectively.



Algorithm's accuracy as a function of the mean read depth of samples and the MAF of analyzed sites for $k = 4$.

(A, B, C, D, and E) Each plot shows estimates of the median posterior probability of the true source vector (y -axis) as a function of mean read depth of samples (x -axis) and MAF of sites (legend). Each data point presents the median posterior probability of $S = (1,1,1,1)$, $S = (1,1,1,2)$, $S = (1,1,2,2)$, $S = (1,2,3,3)$, and $S = (1,2,3,4)$ across 15, 100, 100, 100, and 100 runs of the algorithm, respectively.