



Figure S5. Rates of correctly identifying QTL configuration under different experimental conditions in autotetraploids using the Bayesian Information Criterion (BIC) model selection procedure. The rates shown refer to the proportion of times that the correct QTL phase configuration and mode of action (additive / dominant) was identified in the simulated datasets. Different panels refer to different population sizes (N) and trait heritabilities (h^2). The left-hand panels show the results when the noDR model was used, while the right-hand panel shows the DR results. Solid lines (with circles) correspond to telomeric QTL while dashed lines (with triangles) correspond to centromeric QTL. Results here correspond to additive QTL; the trends were similar for dominant QTL.