

$N = 200, h^2 = 0.1$

$N = 200, h^2 = 0.7$

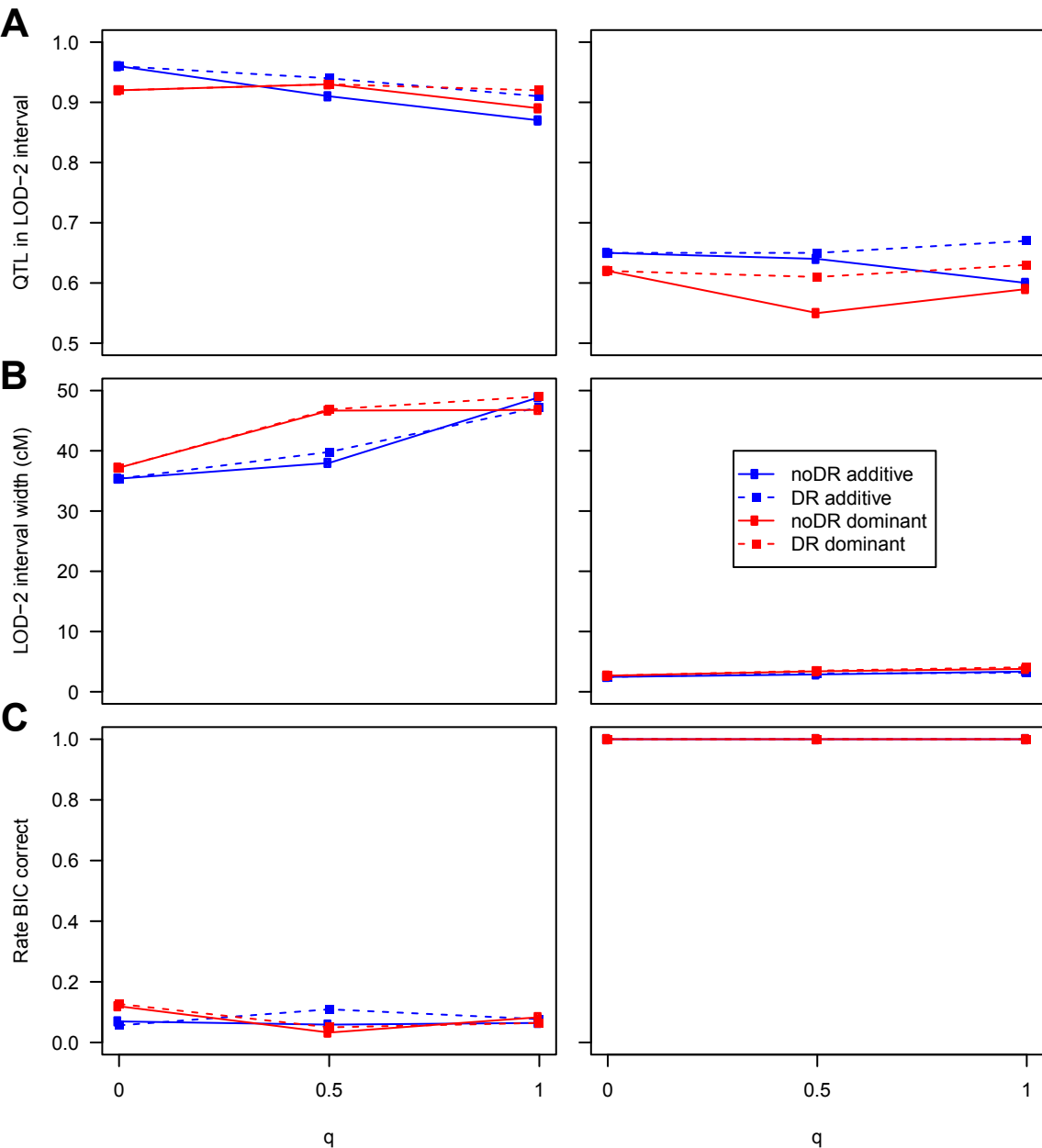


Figure S6. Performance of IBD-based QTL analysis in autohexaploids. **A.** QTL detection rates within LOD-2 interval. **B.** Width (in centiMorgans) of LOD-2 support intervals. **C.** Rate at which correct QTL model was predicted using BIC. Solid lines with circles refer to the noDR model, while dashed lines with squares refer to the DR model. The cases of additive and dominant QTL have been coloured blue and red, respectively. Other simulation parameter settings were: $N = 200$, $h^2 = 0.1$ (left-hand panels) and $h^2 = 0.7$ (right-hand panels); cM position = random and QTL phase configuration = random.