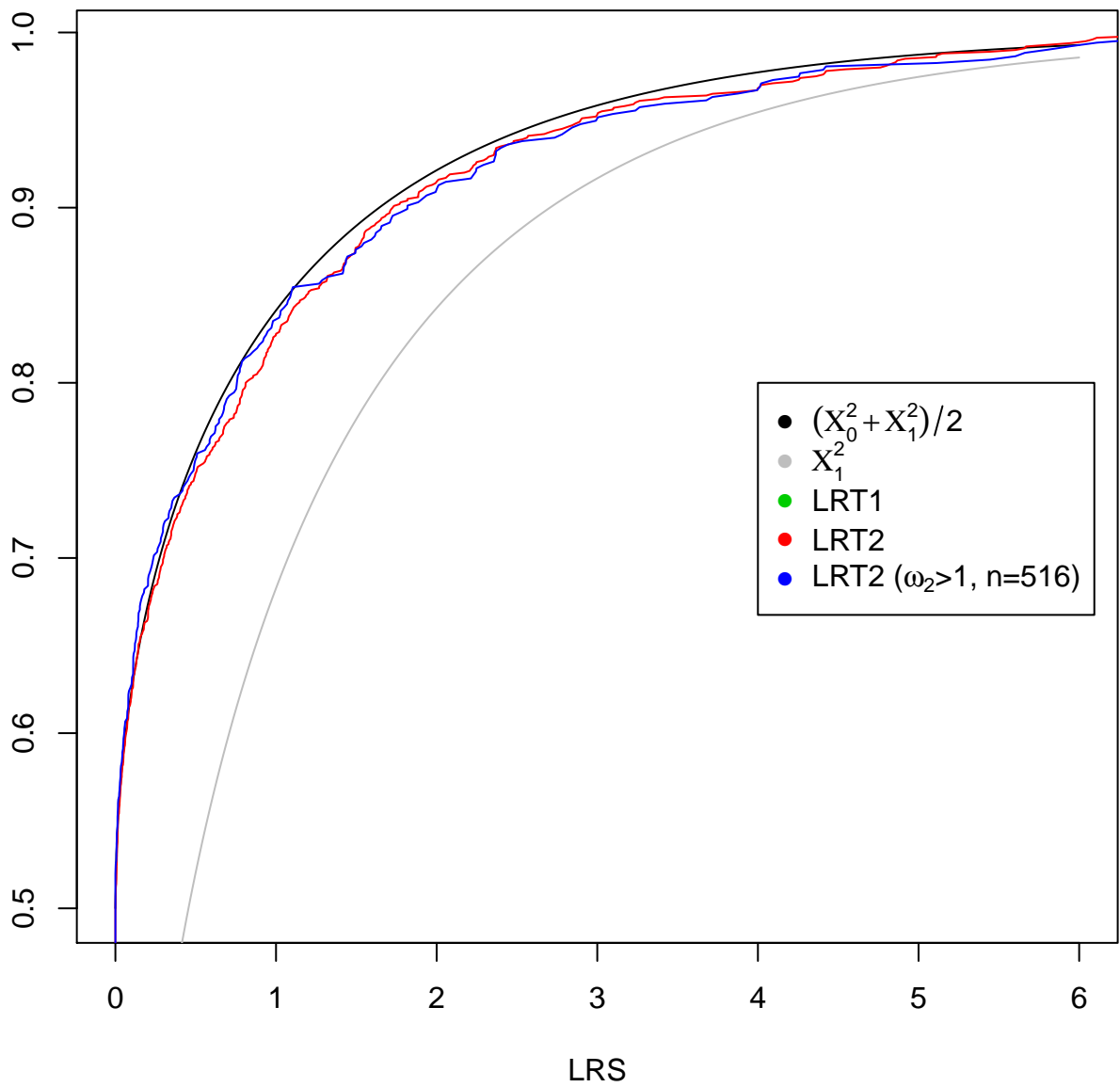
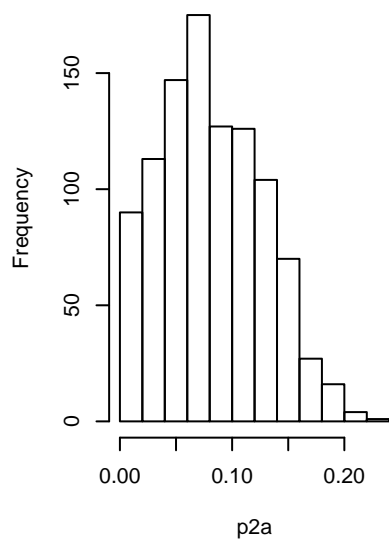
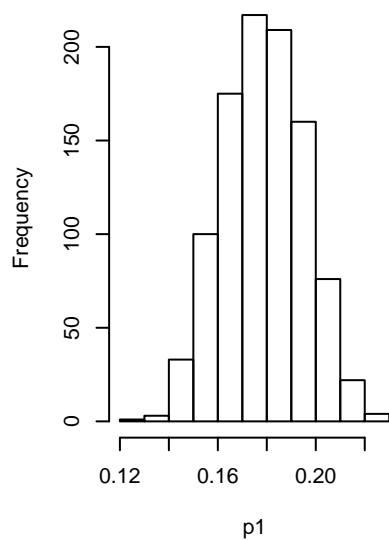
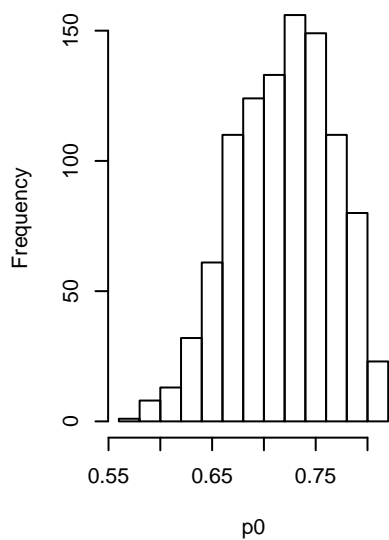


- Simulation under the null for branch-site model A
- 5000 codons
- Symmetric, 8-taxon tree with one foreground branch  
The total tree length is 3.  
tree: (((A#1:0.214286,B:0.214286):0.214286,(C:0.214286,D:0.214286):0.214286):0.214286,((E:0.214286,F:0.214286):0.214286):0.214286)
- $\kappa = 2.0$   $p_0 = 0.7$   $p_1 = 0.2$   $\omega_0 = 0.3$

## LR CDFs



# MLEs under Alternative



11  $\omega_2 \geq 10$

