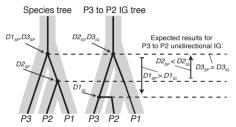
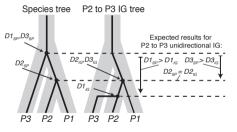
## Simulated branching order of species P1, P2, P3, and O



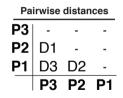
Model of IG from P3 to P2



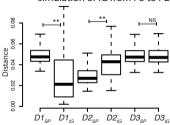
## Model of IG from P2 to P3



## Distances calculated from simulated sequences



Distance restults from simulation of IG from P3 to P2



## Distance results from simulation of IG from P2 to P3

