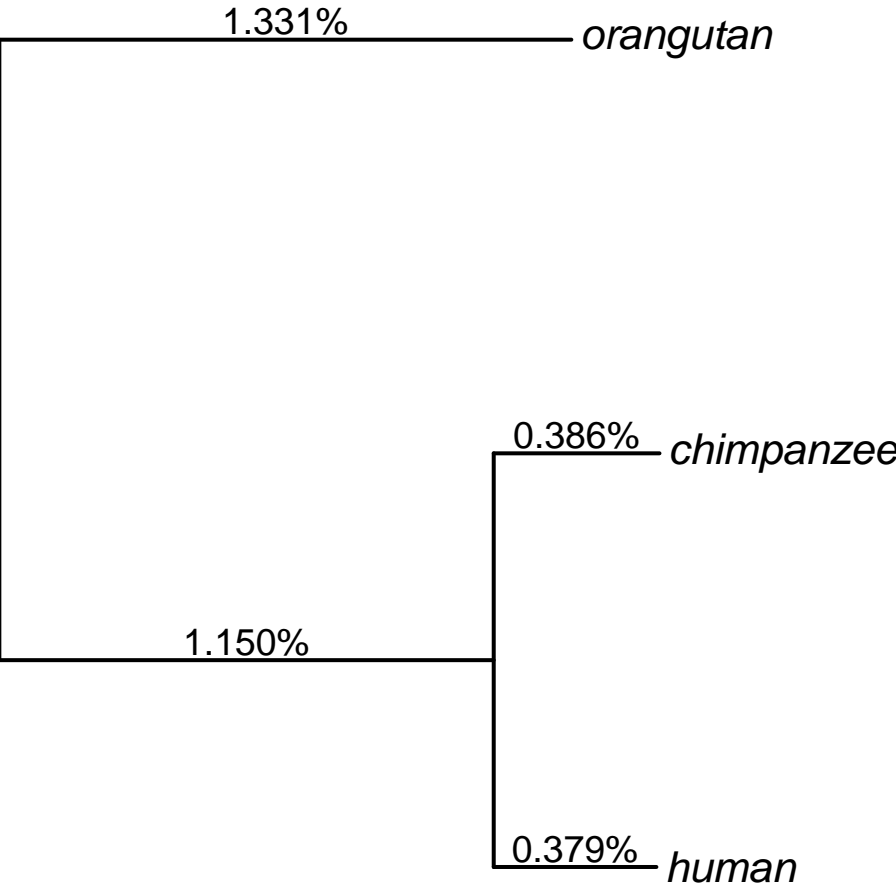
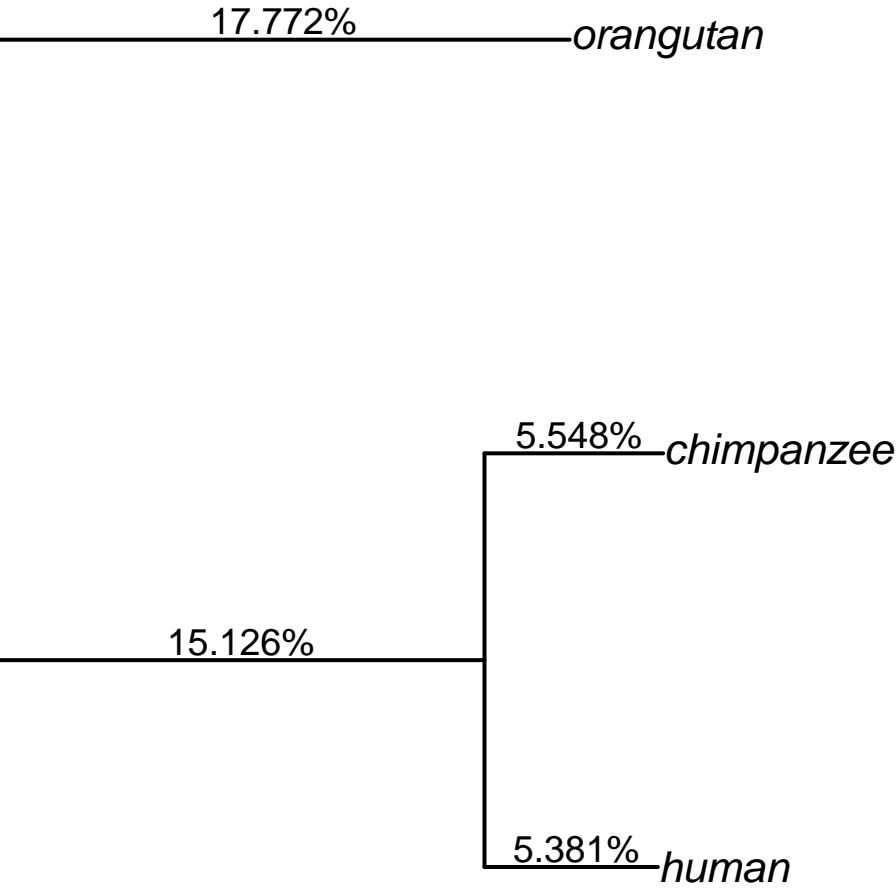
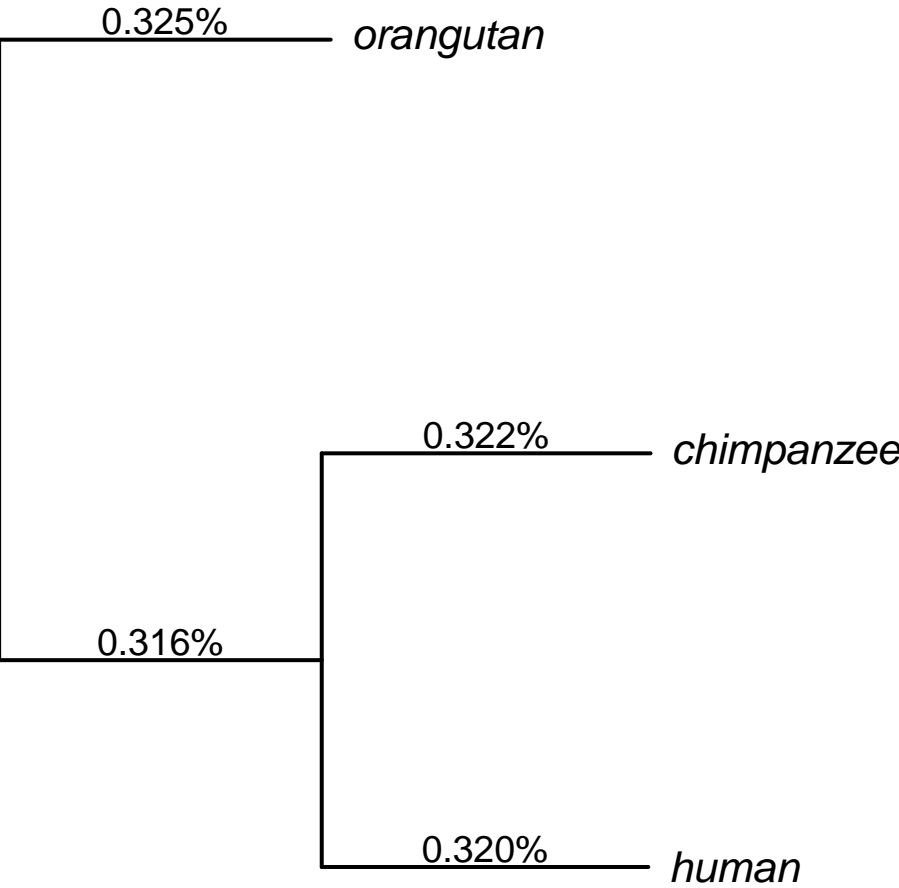


(a) Transitions

ancestral A/T: 1.01

ancestral CpG: 1.03

ancestral non-CpG G/C: 1.02



(b) Transversions

ancestral A/T: 1.07

ancestral CpG: 0.90

ancestral non-CpG G/C: 1.01

