PrimateSummary

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January 18, 2015

1, Read in tables

rm(list=ls()) # clean up workspace  
path <- "/Users/xji3/Genconv/NewClusterPackRun/NewPackageNewRun/"  
summary.list <- c( "HKY\_nonclock\_summary",  
 "HKY\_clock\_summary",  
 "MG94\_clock\_summary",  
 "MG94\_nonclock\_summary",   
 "Force\_HKY\_clock\_summary",   
 "Force\_HKY\_nonclock\_summary",  
 "Force\_MG94\_clock\_summary",   
 "Force\_MG94\_nonclock\_summary"  
 )  
for (target.summary in summary.list){  
 summary\_file <- paste(path, target.summary, '\_Primate.txt', sep = '')  
 all <- readLines(summary\_file, n = -1)  
 col.names <- strsplit(all[1], ' ')[[1]][-1]  
 row.names <- strsplit(all[length(all)], ' ')[[1]][-1]  
 summary\_mat <- as.matrix(read.table(summary\_file,   
 row.names = row.names,   
 col.names = col.names))  
 assign(target.summary, summary\_mat)  
}  
  
# HKY Model Summarys  
ECP.EDN.HKY <- cbind(HKY\_nonclock\_summary, HKY\_clock\_summary,   
 Force\_HKY\_nonclock\_summary, Force\_HKY\_clock\_summary)  
ECP.EDN.HKY.colnames <- c("nonclock", "clock",   
 "force nonclock", "force clock")  
colnames(ECP.EDN.HKY) <- ECP.EDN.HKY.colnames  
  
ECP.EDN.HKY

## nonclock clock force nonclock force clock  
## length 4.710e+02 4.710e+02 4.710e+02 4.710e+02  
## ll -1.717e+03 -1.720e+03 -1.730e+03 -1.732e+03  
## pi\_a 2.808e-01 2.812e-01 2.836e-01 2.836e-01  
## pi\_c 2.566e-01 2.562e-01 2.556e-01 2.551e-01  
## pi\_g 2.085e-01 2.086e-01 2.094e-01 2.096e-01  
## pi\_t 2.540e-01 2.540e-01 2.514e-01 2.517e-01  
## kappa 2.110e+00 2.132e+00 2.132e+00 2.132e+00  
## tau 1.806e+00 1.697e+00 0.000e+00 0.000e+00  
## (N0,N1) 7.106e-02 6.678e-02 4.832e-02 4.702e-02  
## (N0,Tamarin) 1.037e-01 1.075e-01 1.177e-01 1.185e-01  
## (N1,N2) 8.810e-03 1.619e-02 1.518e-02 2.021e-02  
## (N1,Macaque) 5.153e-02 4.068e-02 5.944e-02 4.955e-02  
## (N2,N3) 1.099e-02 1.875e-02 1.508e-02 2.248e-02  
## (N2,Orangutan) 3.007e-02 2.449e-02 3.346e-02 2.934e-02  
## (N3,Chimpanzee) 4.585e-03 5.734e-03 5.683e-03 6.856e-03  
## (N3,Gorilla) 5.036e-03 5.734e-03 6.267e-03 6.856e-03  
## (N0,N1,tau) 1.792e+00 1.658e+00 0.000e+00 0.000e+00  
## (N0,Tamarin,tau) 0.000e+00 0.000e+00 0.000e+00 0.000e+00  
## (N1,N2,tau) 1.361e+00 1.481e+00 0.000e+00 0.000e+00  
## (N1,Macaque,tau) 1.360e+00 1.187e+00 0.000e+00 0.000e+00  
## (N2,N3,tau) 1.401e+00 1.167e+00 0.000e+00 0.000e+00  
## (N2,Orangutan,tau) 3.113e+00 3.498e+00 0.000e+00 0.000e+00  
## (N3,Chimpanzee,tau) 1.438e+00 1.209e+00 0.000e+00 0.000e+00  
## (N3,Gorilla,tau) 1.382e+00 1.224e+00 0.000e+00 0.000e+00

# MG94 Models  
zeros <- matrix(0.0, 8, 1)  
rownames(zeros) <- rownames(MG94\_nonclock\_summary)[18:25]  
ECP.EDN.MG94 <- cbind(MG94\_nonclock\_summary, MG94\_clock\_summary,   
 rbind(Force\_MG94\_nonclock\_summary, zeros),  
 rbind(Force\_MG94\_clock\_summary, zeros))  
ECP.EDN.MG94.colnames <- c("nonclock", "clock",   
 "force nonclock", "force clock")  
colnames(ECP.EDN.MG94) <- ECP.EDN.MG94.colnames  
  
ECP.EDN.MG94

## nonclock clock force nonclock force clock  
## length 1.570e+02 1.570e+02 1.570e+02 1.570e+02  
## ll -1.701e+03 -1.704e+03 -1.714e+03 -1.717e+03  
## pi\_a 2.910e-01 2.917e-01 2.927e-01 2.928e-01  
## pi\_c 2.434e-01 2.427e-01 2.426e-01 2.421e-01  
## pi\_g 2.069e-01 2.069e-01 2.076e-01 2.078e-01  
## pi\_t 2.587e-01 2.587e-01 2.570e-01 2.573e-01  
## kappa 2.062e+00 2.089e+00 2.101e+00 2.102e+00  
## omega 8.271e-01 8.388e-01 9.043e-01 9.066e-01  
## tau 6.313e-01 6.207e-01 0.000e+00 0.000e+00  
## (N0,N1) 1.991e-01 1.961e-01 1.440e-01 1.400e-01  
## (N0,Tamarin) 3.253e-01 3.269e-01 3.556e-01 3.580e-01  
## (N1,N2) 3.196e-02 5.181e-02 4.520e-02 6.044e-02  
## (N1,Macaque) 1.565e-01 1.250e-01 1.778e-01 1.480e-01  
## (N2,N3) 3.455e-02 5.566e-02 4.512e-02 6.707e-02  
## (N2,Orangutan) 8.979e-02 7.323e-02 9.986e-02 8.757e-02  
## (N3,Chimpanzee) 1.427e-02 1.757e-02 1.704e-02 2.050e-02  
## (N3,Gorilla) 1.597e-02 1.757e-02 1.876e-02 2.050e-02  
## (N0,N1,tau) 5.204e-01 5.194e-01 0.000e+00 0.000e+00  
## (N0,Tamarin,tau) 0.000e+00 0.000e+00 0.000e+00 0.000e+00  
## (N1,N2,tau) 4.163e-01 4.911e-01 0.000e+00 0.000e+00  
## (N1,Macaque,tau) 3.748e-01 3.374e-01 0.000e+00 0.000e+00  
## (N2,N3,tau) 4.486e-01 4.106e-01 0.000e+00 0.000e+00  
## (N2,Orangutan,tau) 1.072e+00 1.231e+00 0.000e+00 0.000e+00  
## (N3,Chimpanzee,tau) 4.869e-02 6.295e-02 0.000e+00 0.000e+00  
## (N3,Gorilla,tau) 4.722e-01 4.330e-01 0.000e+00 0.000e+00