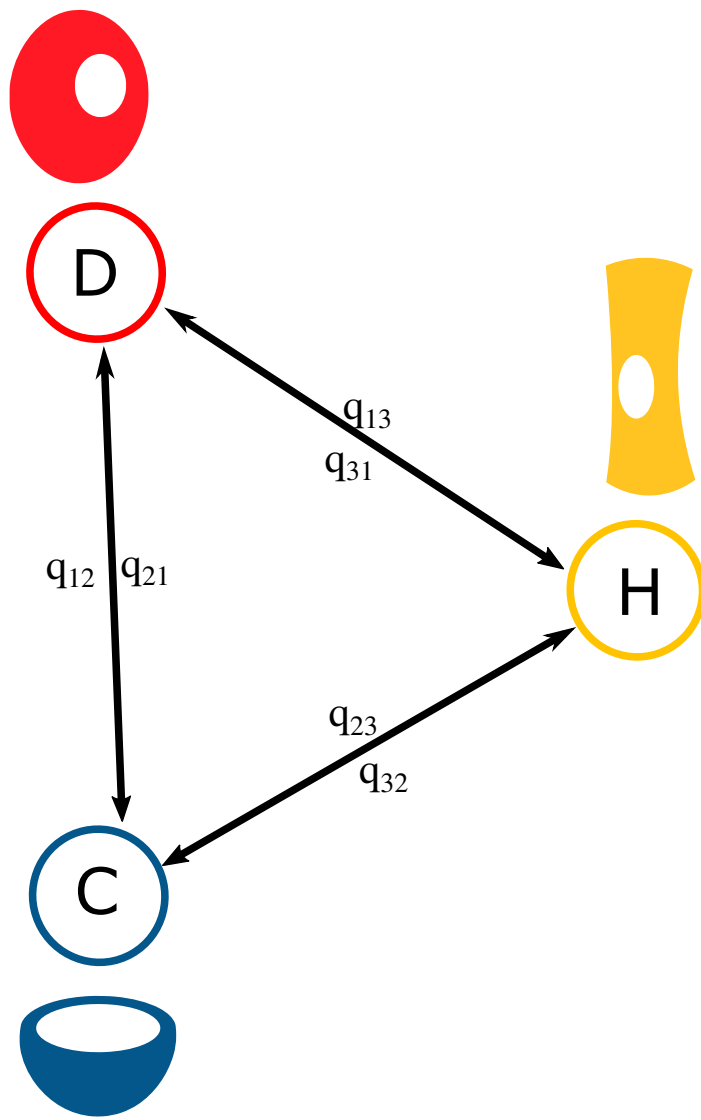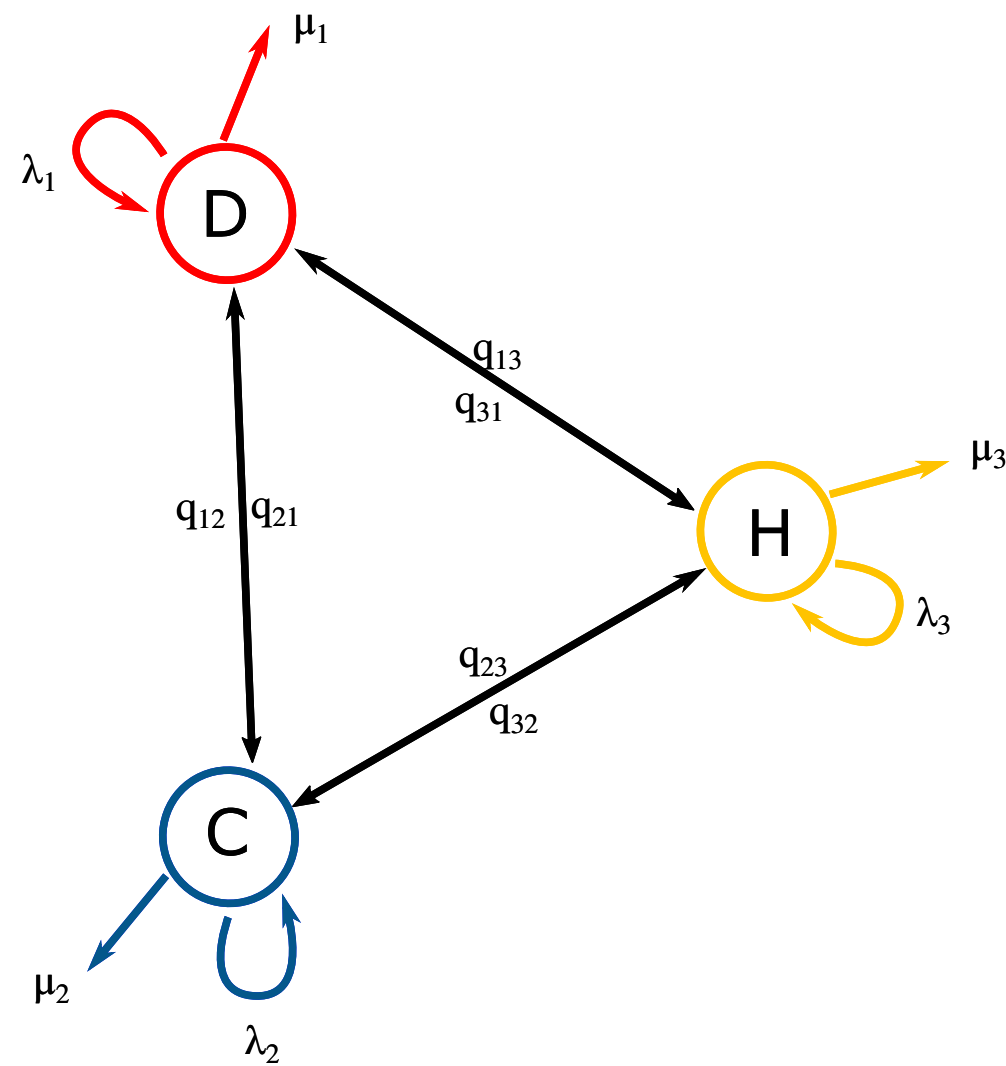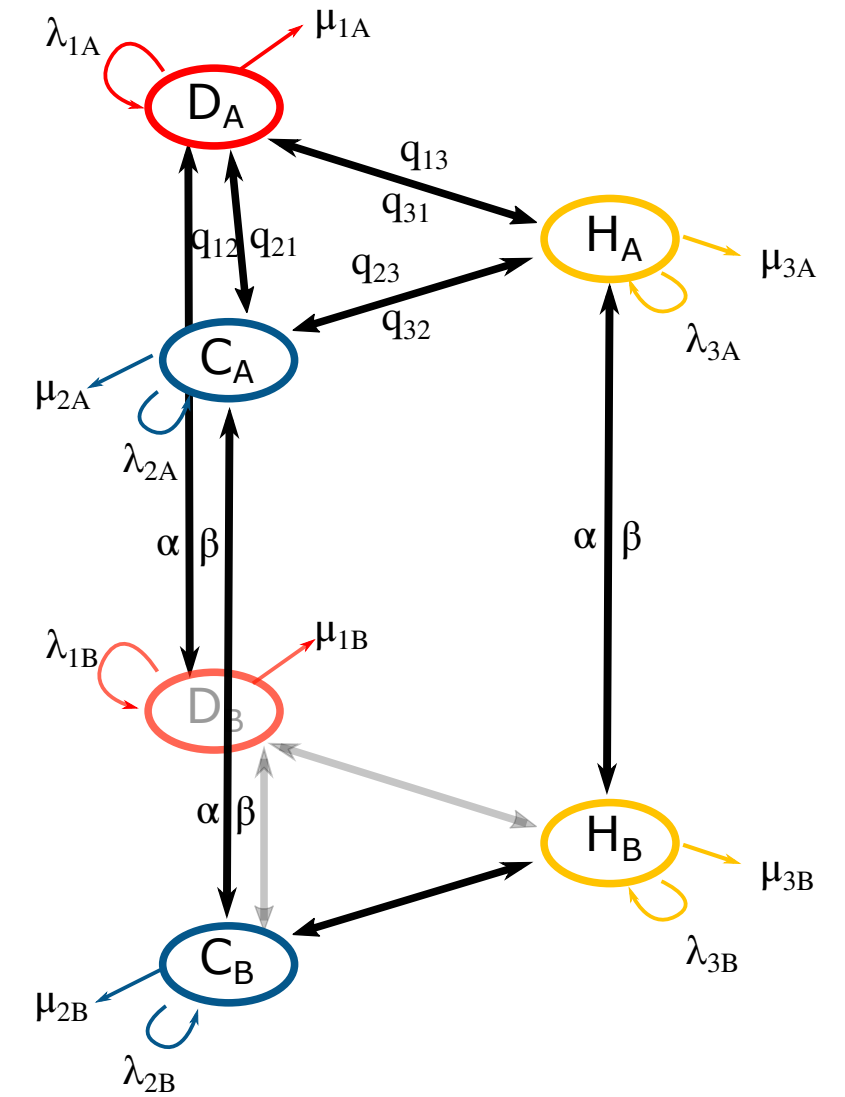a) Three-state models

Mk3 : 6 transition rates
3 root frequencies

MuSSE-3 : 6 diversification rates
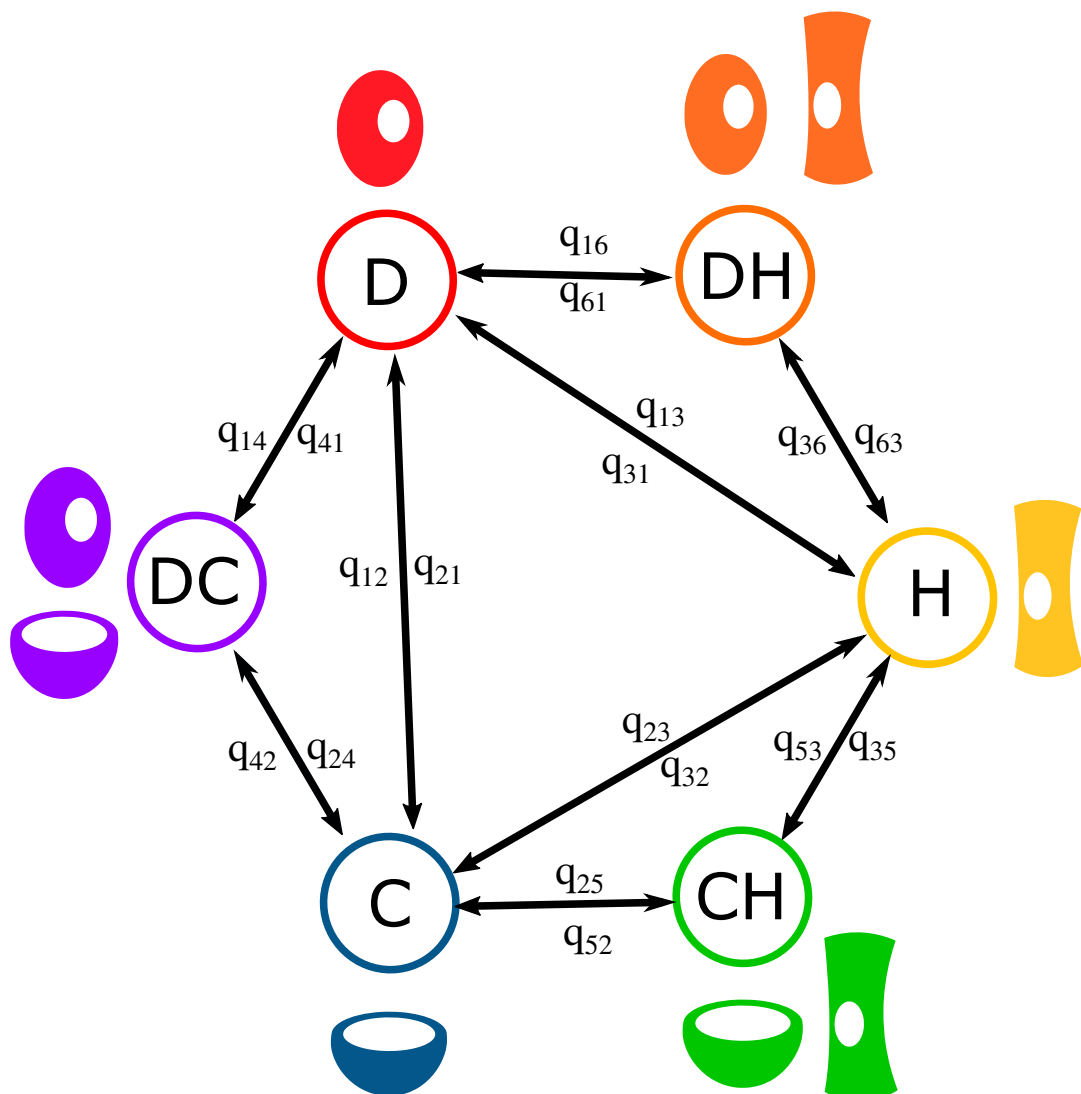6 transition rates
3 root frequencies

MuHiSSE-3 : 12 diversification rates
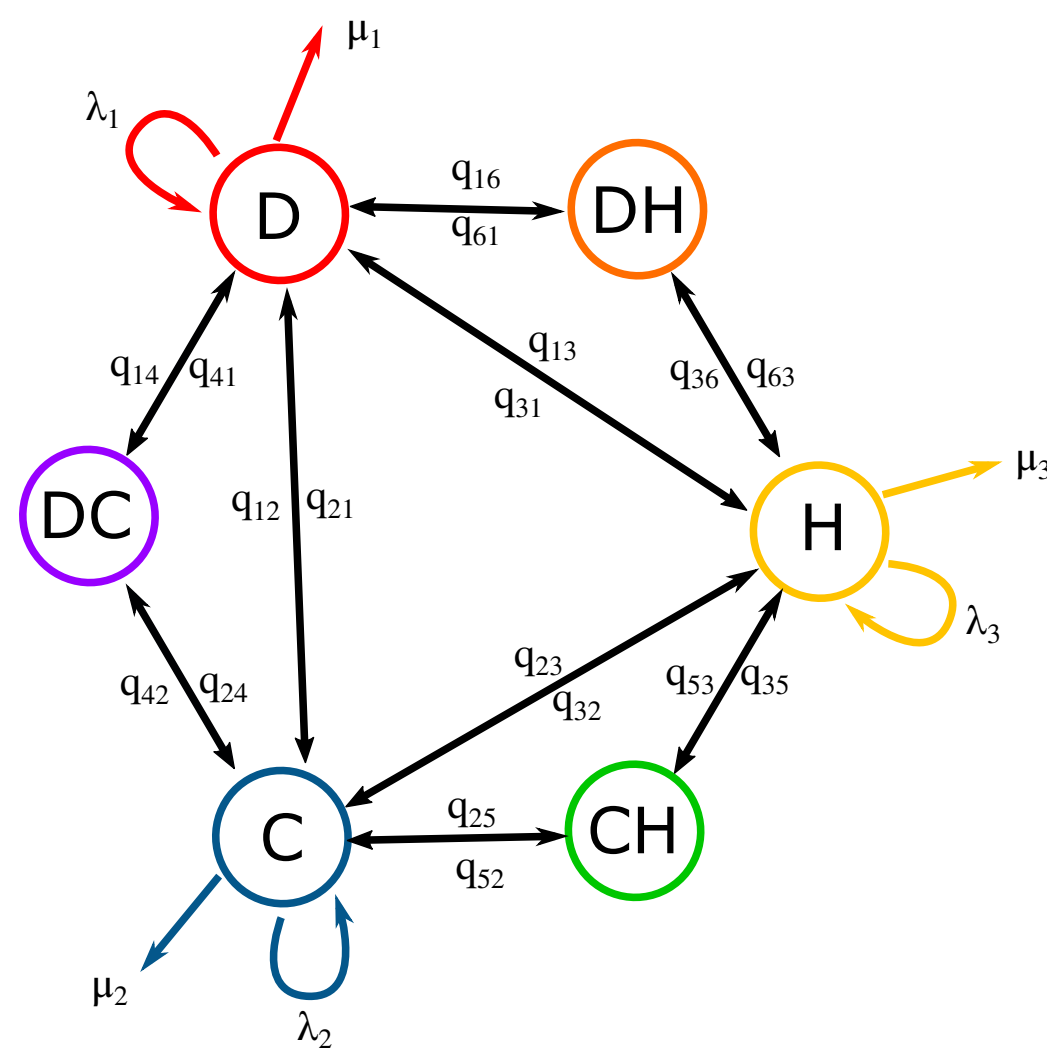6 transition rates
3 root frequencies
2 hidden state rates

b) Six-state models

Mk6 : 18 transition rates
6 root frequencies

MuSSE-6 : 6 diversification rates
18 transition rates
6 root frequencies

MuHiSSE-6 : 12 diversification rates
18 transition rates
6 root frequencies
2 hidden state rates