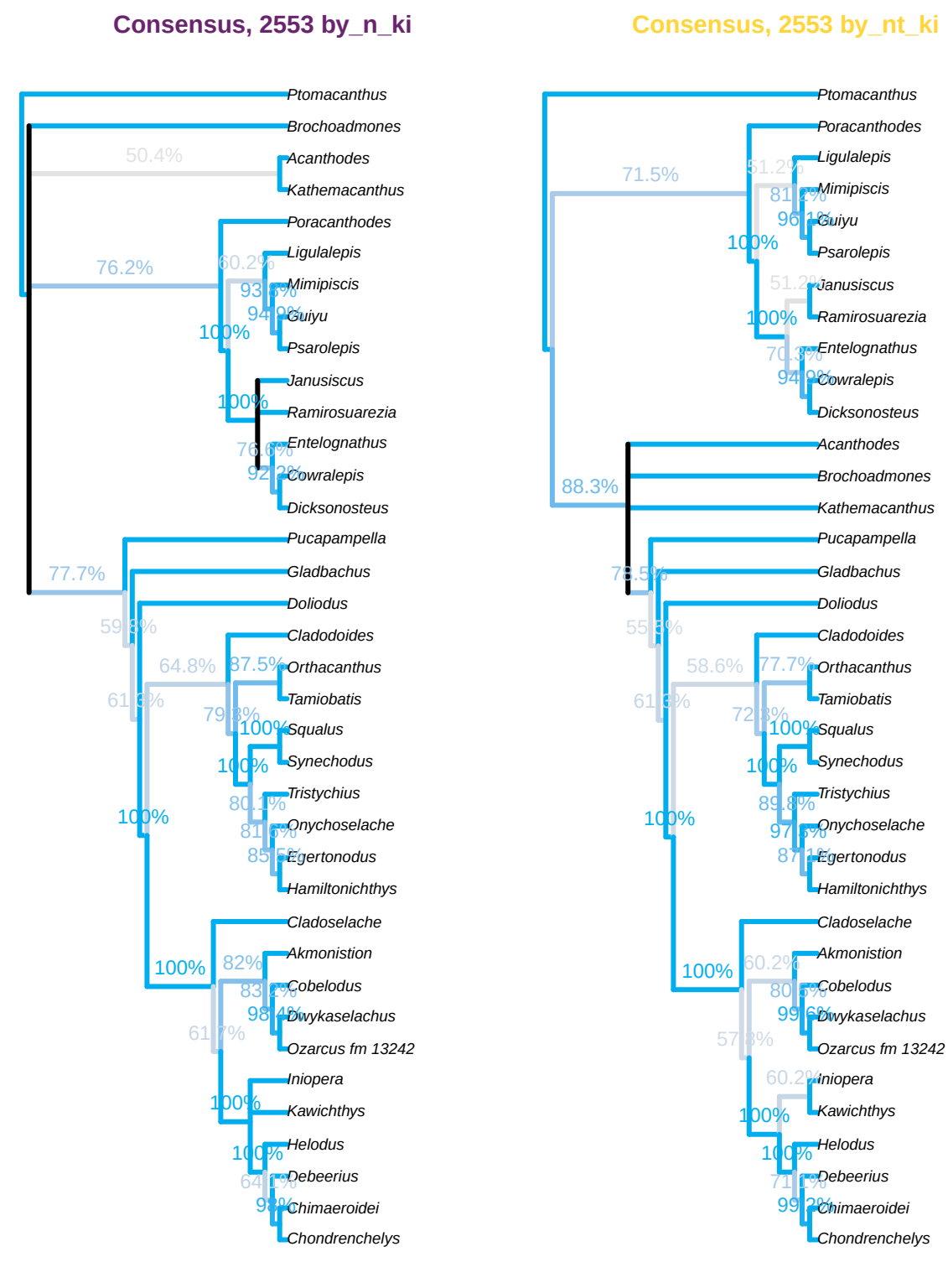
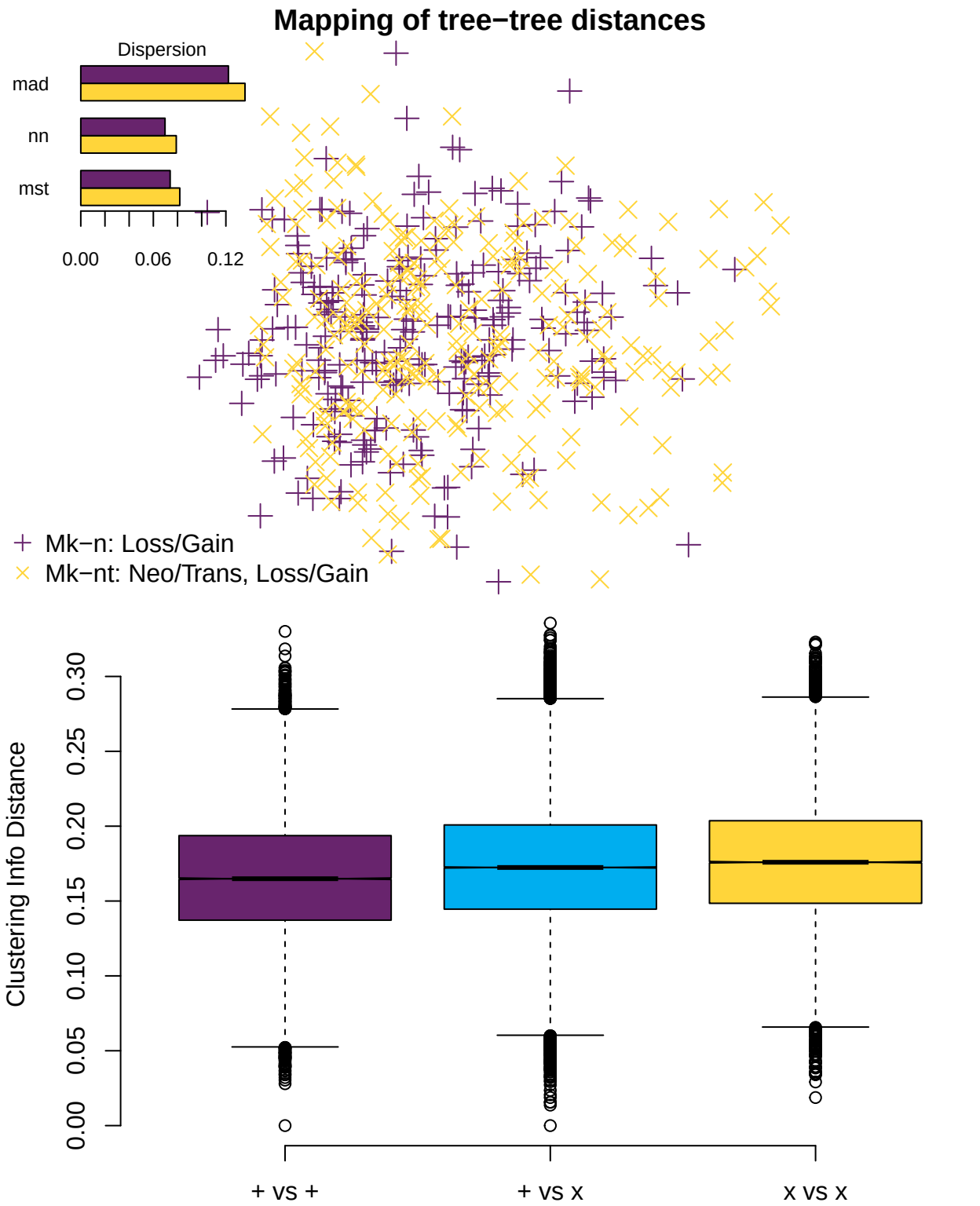
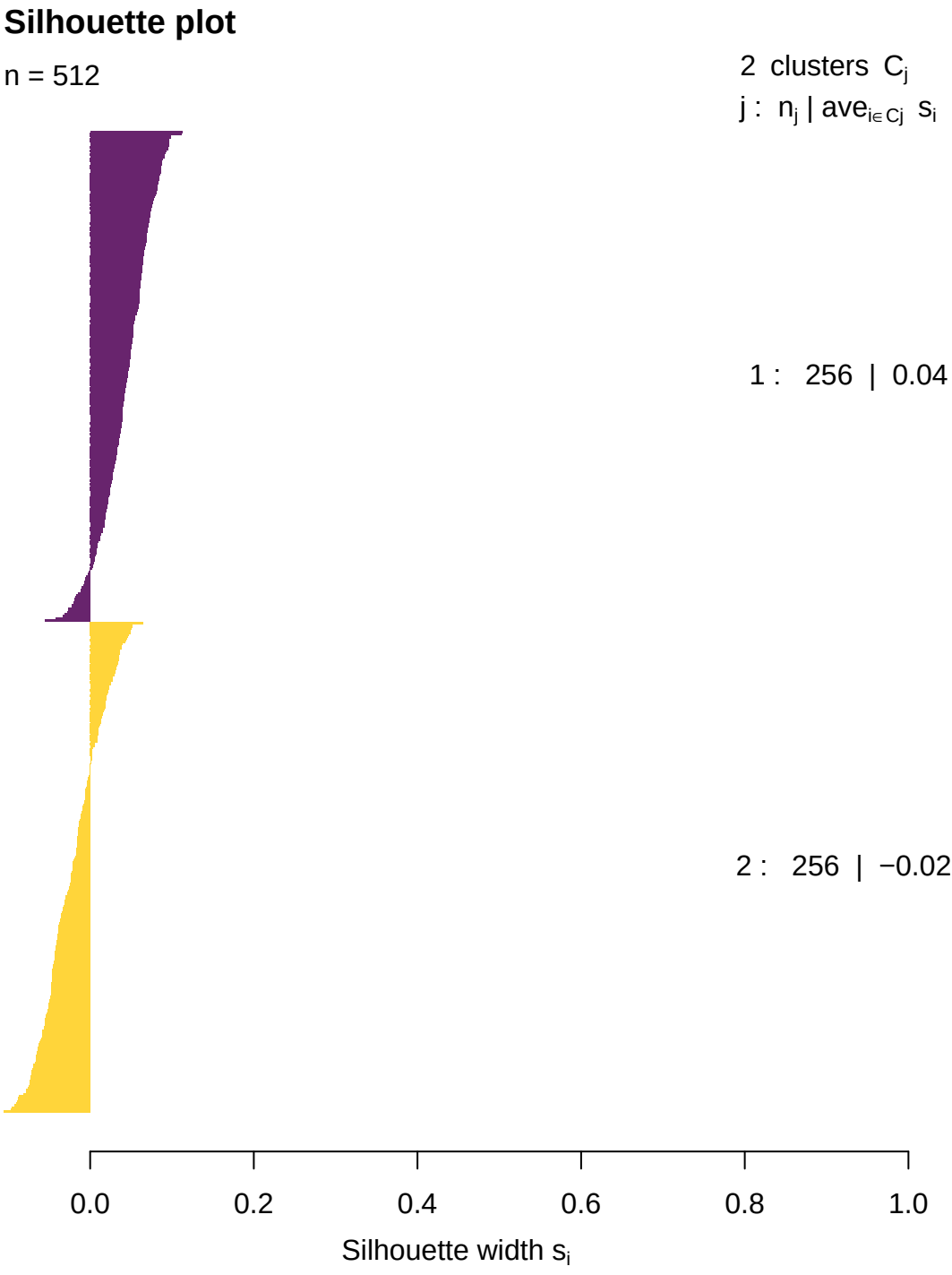
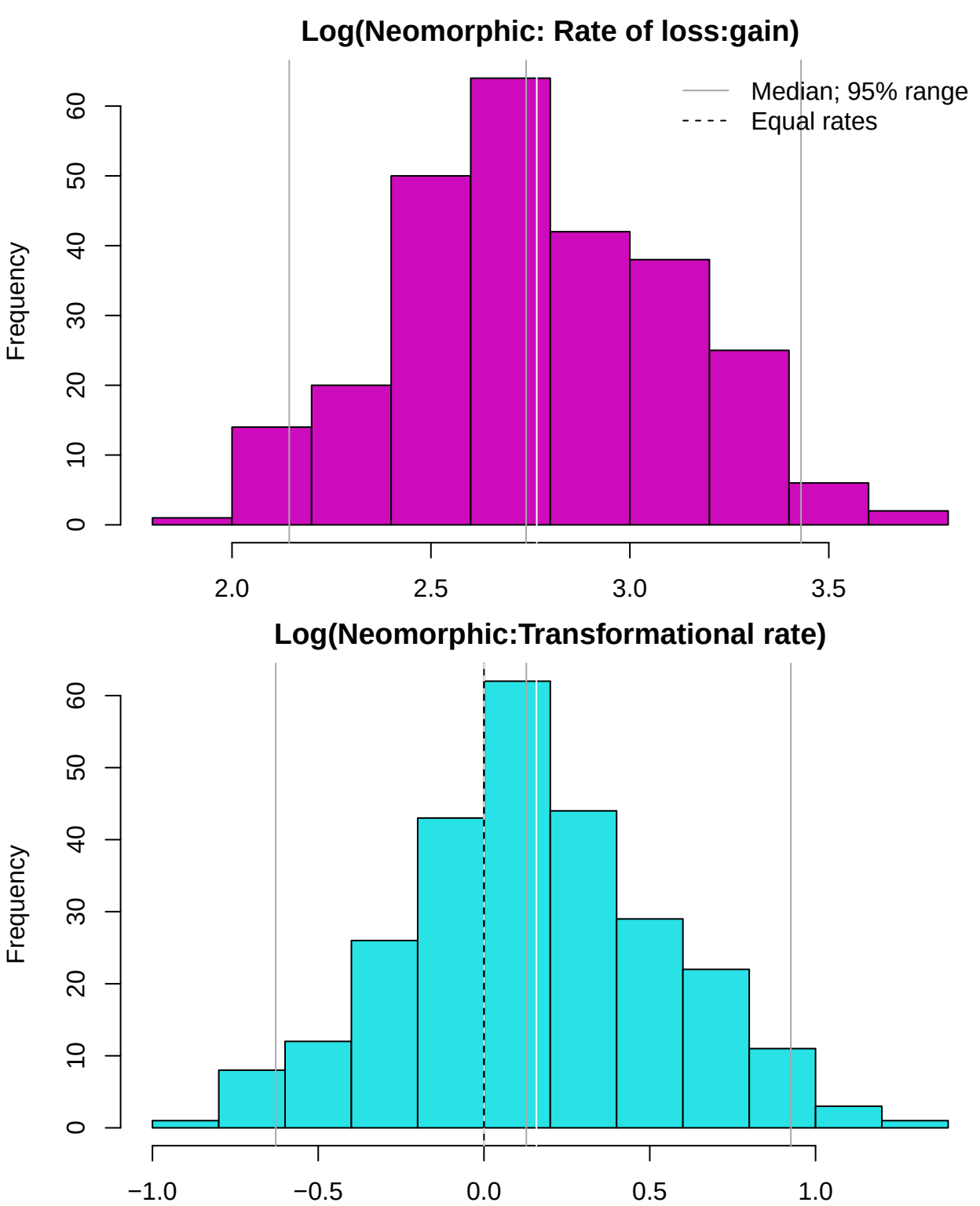

Consensus, 2553 by_n_ki
Ptomacanthus
Brochoadmones
50.4%
Acanthodes
Kathemacanthus
Poracanthodes
76.2%
60.2%
Ligulalepis
Mimipiscis
Guiyu
100%
Psarolepis
Janusiscus
100%
Ramirosuarezia
Entelognathus
Cowralepis
Dicksonosteus
Pucapampella
77.7%
Gladbachus
Doliodus
Cladodoides
64.8%
87.5%
Orthacanthus
Tamiobatis
100%
Squalus
100%
Synechodus
Tristychius
100%
Onychoselache
Egertonodus
Hamiltonichthys
Cladoselache
100%
82%
Akmonistion
Cobelodus
Dwykaselachus
Ozarcus fm 13242
Iniopera
100%
Kawichthys
100%
Helodus
Debeerius
Chimaeroidei
Chondrenchelys
Consensus, 2553 by_nt_ki
Ptomacanthus
Poracanthodes
71.5%
Ligulalepis
Mimipiscis
Guiyu
100%
Psarolepis
Janusiscus
100%
Ramirosuarezia
Entelognathus
Cowralepis
Dicksonosteus
88.3%
Acanthodes
Brochoadmones
Kathemacanthus
Pucapampella
Gladbachus
Doliodus
Cladodoides
58.6%
77.7%
Orthacanthus
Tamiobatis
100%
Squalus
100%
Synechodus
Tristychius
100%
Onychoselache
Egertonodus
Hamiltonichthys
Cladoselache
100%
60.2%
Akmonistion
Cobelodus
Dwykaselachus
Ozarcus fm 13242
Iniopera
100%
Kawichthys
100%
Helodus
Debeerius
Chimaeroidei
Chondrenchelys


Mapping of tree−tree distances
Dispersion
mad
nn
mst
0.00
0.06
0.12
Mk−n: Loss/Gain
Mk−nt: Neo/Trans, Loss/Gain
Clustering Info Distance
0.00
0.05
0.10
0.15
0.20
0.25
0.30
+ vs +
+ vs x
x vs x


Silhouette plot
n = 512
2 clusters C_j
j : n_j | $ave_{i \in Cj}$ s_i
1 : 256 | 0.04
2 : 256 | −0.02
0.0
0.2
0.4
0.6
0.8
1.0
Silhouette width s_i
Average silhouette width : 0.01


Log(Neomorphic: Rate of loss:gain)
Median; 95% range
Equal rates
Frequency
0
10
20
30
40
50
60
2.0
2.5
3.0
3.5
Log(Neomorphic:Transformational rate)
Frequency
0
10
20
30
40
50
60
−1.0
−0.5
0.0
0.5
1.0

	Burnin	PSRF	ESS	FrechESS	mdPsESS	steppingStn	pathSmpl
Mk−n: Loss/Gain	0.05	1.00141	265.347	259.699	309.411	−1115.53	−1113.83
Mk−nt: Neo/Trans, Loss/Gain	0.05	1.00098	261.251	264.637	292.071	−1108.34	−1105.7