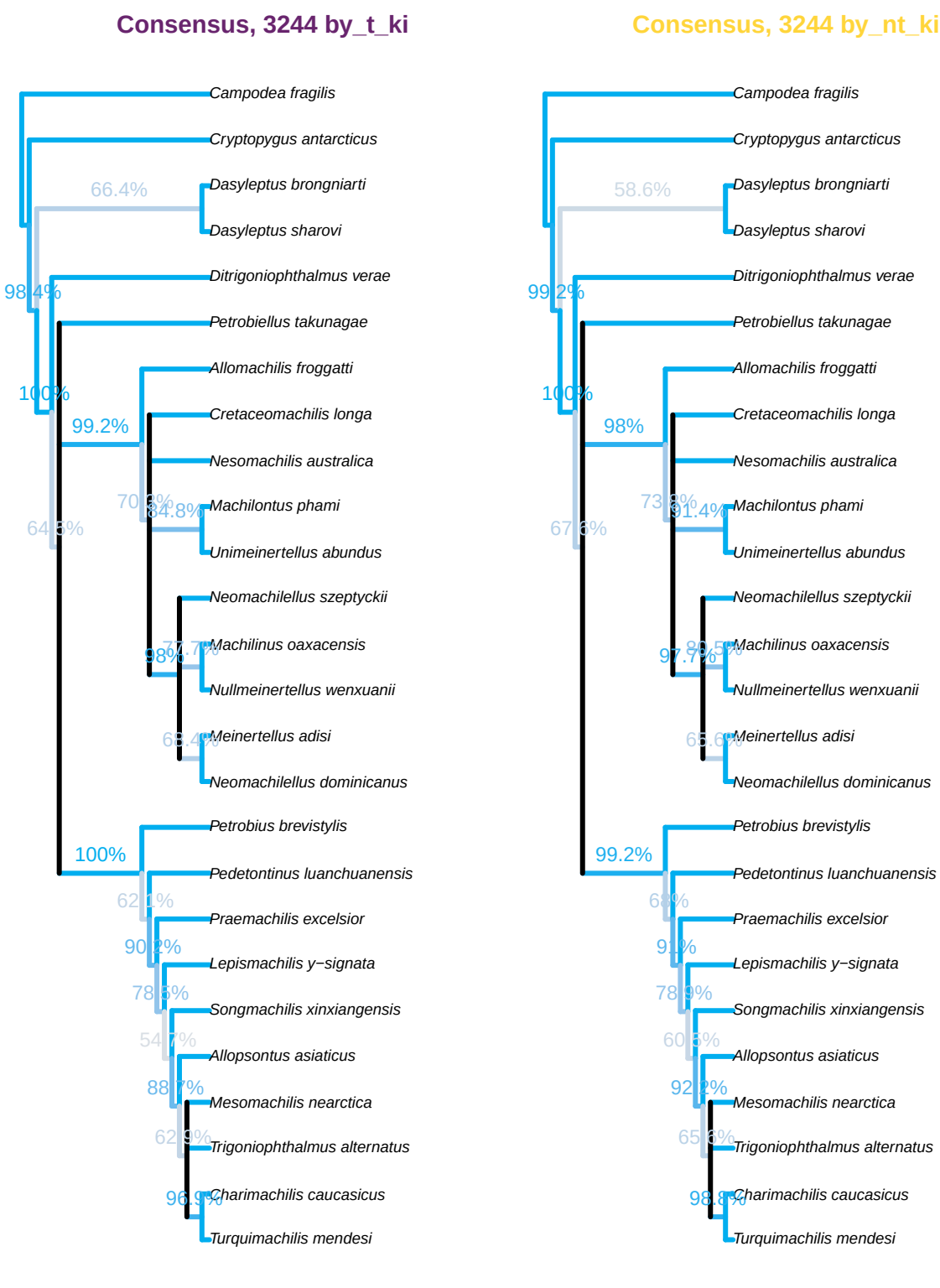
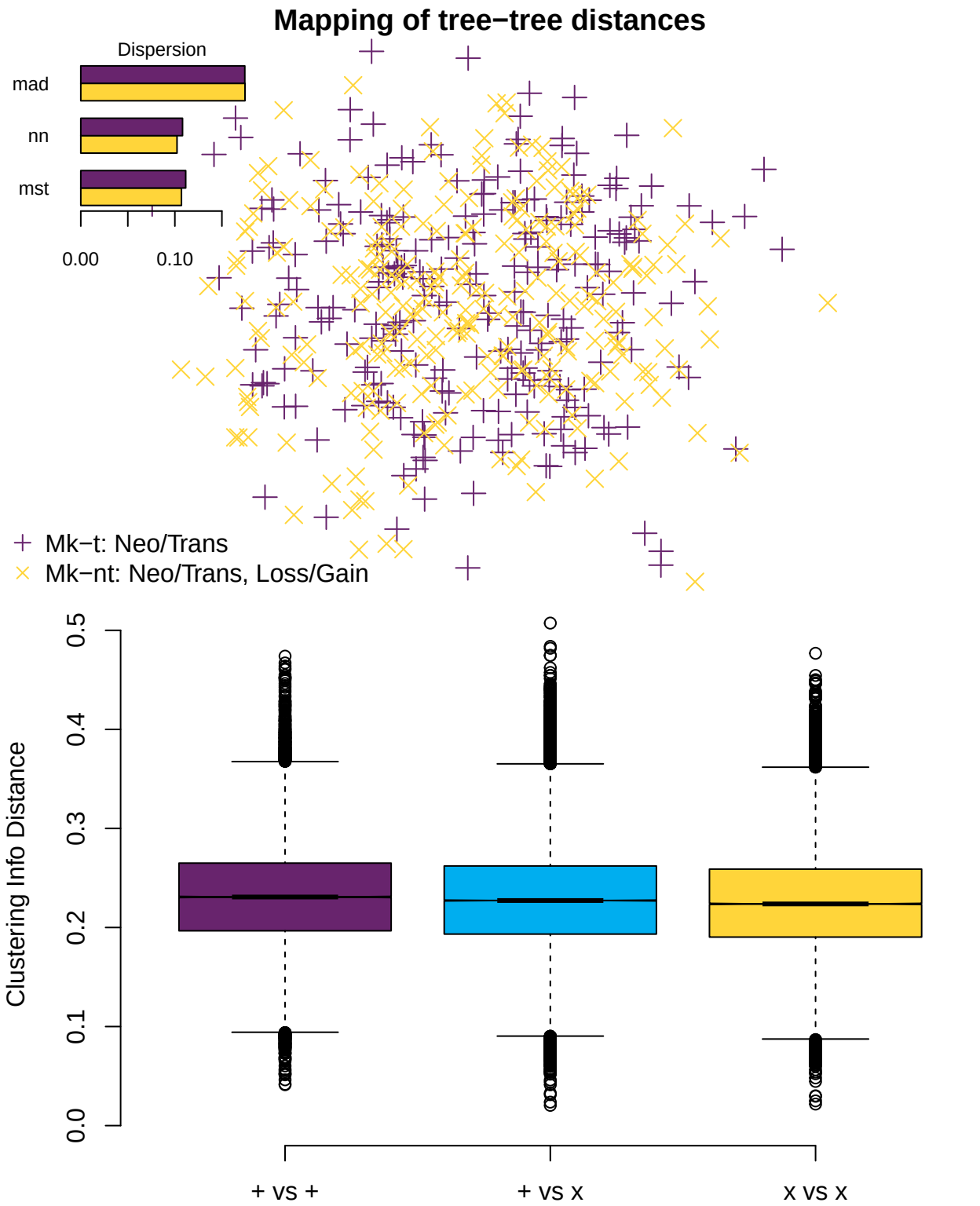
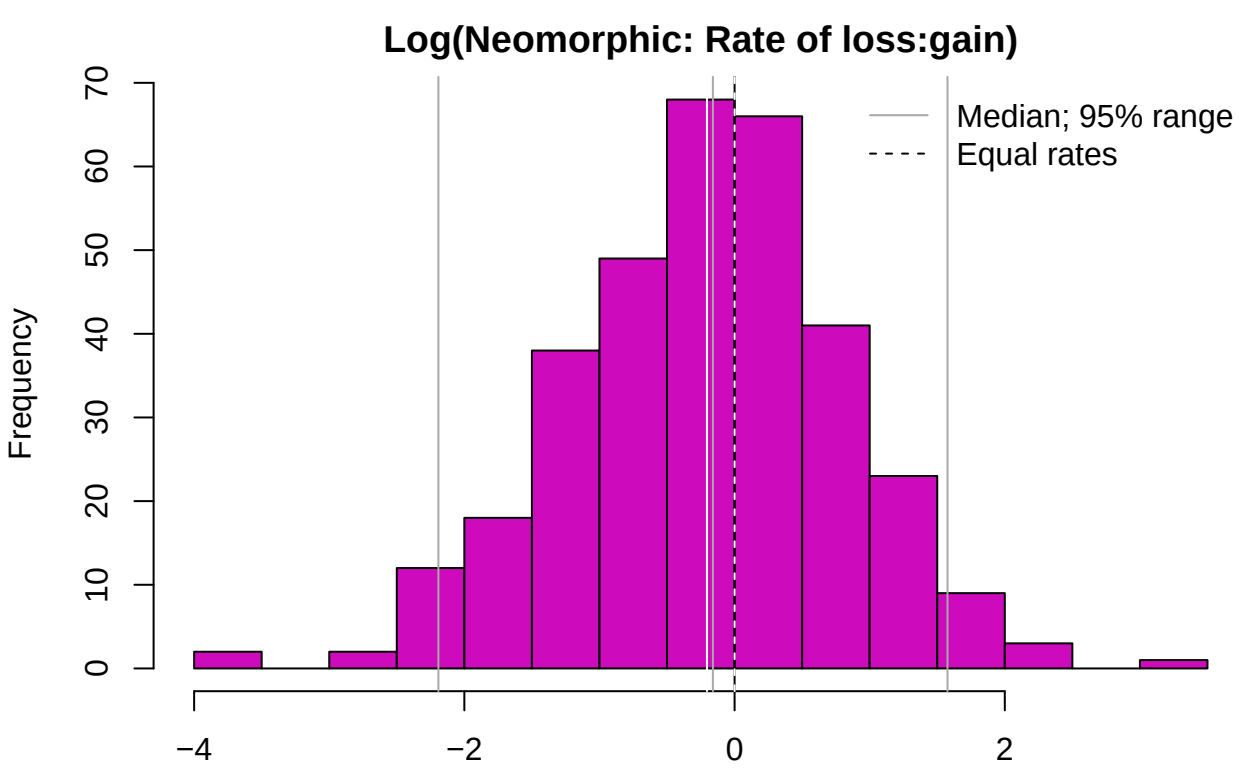
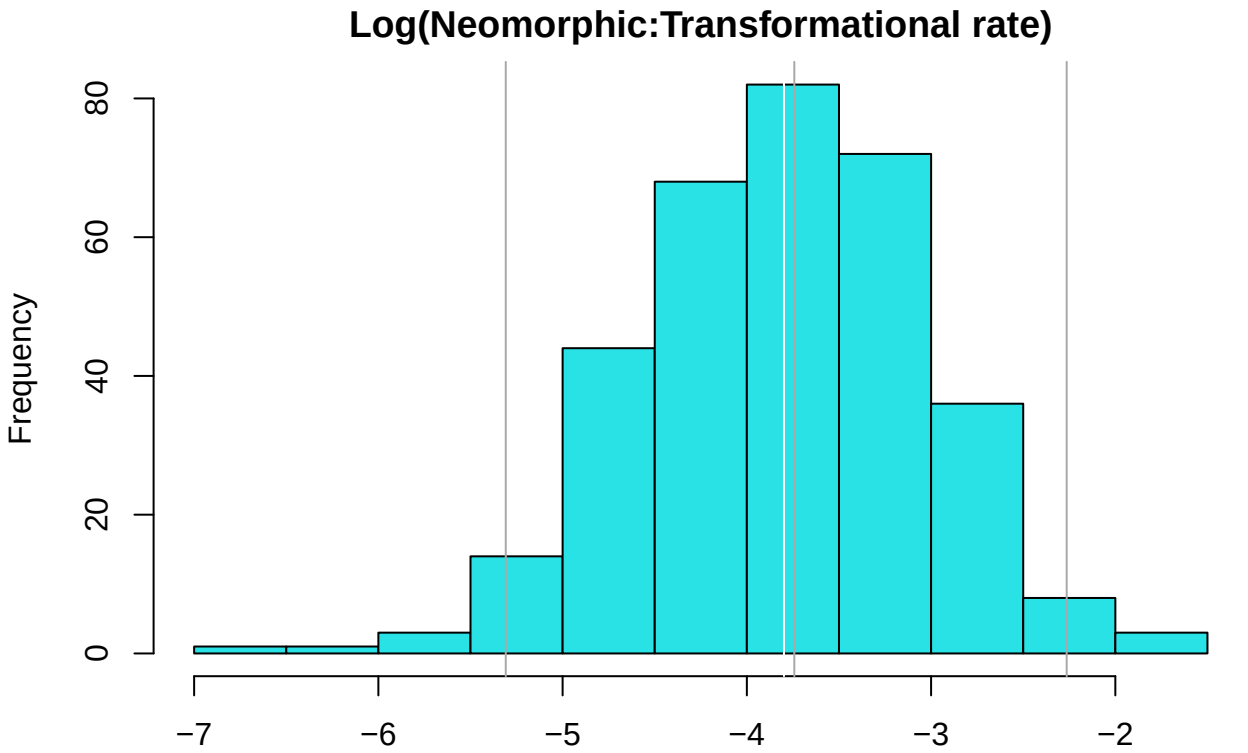

Consensus, 3244 by_t_ki
Campodea fragilis
Cryptopygus antarcticus
66.4%
Dasyleptus brongniarti
Dasyleptus sharovi
98.4%
Ditrigoniophthalmus verae
Petrobiellus takunagae
100%
Allomachilis froggatti
99.2%
Cretaceomachilis longa
Nesomachilis australica
70.6%
84.8%
Machilontus phami
64.8%
Unimeinertellus abundus
Neomachilellus szeptyckii
77.7%
98%
Machilinus oaxacensis
Nullmeinertellus wenxuanii
68.4%
Meinertellus adisi
Neomachilellus dominicanus
Petrobius brevistylis
100%
Pedetontinus luanchuanensis
62.1%
Praemachilis excelsior
90.2%
Lepismachilis y−signata
78.6%
Songmachilis xinxiangensis
54.7%
Allopsontus asiaticus
88.7%
Mesomachilis nearctica
62.9%
Trigoniophthalmus alternatus
96.9%
Charimachilis caucasicus
Turquimachilis mendesi
Consensus, 3244 by_nt_ki
Campodea fragilis
Cryptopygus antarcticus
58.6%
Dasyleptus brongniarti
Dasyleptus sharovi
99.2%
Ditrigoniophthalmus verae
Petrobiellus takunagae
100%
Allomachilis froggatti
98%
Cretaceomachilis longa
Nesomachilis australica
73.8%
91.4%
Machilontus phami
67.6%
Unimeinertellus abundus
Neomachilellus szeptyckii
97.7%
Machilinus oaxacensis
Nullmeinertellus wenxuanii
Meinertellus adisi
Neomachilellus dominicanus
Petrobius brevistylis
99.2%
Pedetontinus luanchuanensis
Praemachilis excelsior
Lepismachilis y−signata
78.9%
Songmachilis xinxiangensis
Allopsontus asiaticus
92.2%
Mesomachilis nearctica
Trigoniophthalmus alternatus
98.8%
Charimachilis caucasicus
Turquimachilis mendesi


Mapping of tree−tree distances
Dispersion
mad
nn
mst
0.00
0.10
Mk−t: Neo/Trans
Mk−nt: Neo/Trans, Loss/Gain
Clustering Info Distance
0.0
0.1
0.2
0.3
0.4
0.5
+ 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 | −0.01
2 : 256 | 0.01
0.0
0.2
0.4
0.6
0.8
1.0
Silhouette width s_i
Average silhouette width : 0


Log(Neomorphic: Rate of loss:gain)
Median; 95% range
Equal rates
Frequency
0
10
20
30
40
50
60
70
−4
−2
0
2


Log(Neomorphic:Transformational rate)
Frequency
0
20
40
60
80
−7
−6
−5
−4
−3
−2

	Burnin	PSRF	ESS	FrechESS	mdPsESS	steppingStn	pathSmpl
Mk−t: Neo/Trans	0.05	1.00162	368.277	344.681	432.945	−391.57	−390.083
Mk−nt: Neo/Trans, Loss/Gain	0.05	1.00626	331.037	369.535	384.07	−391.545	−390.301