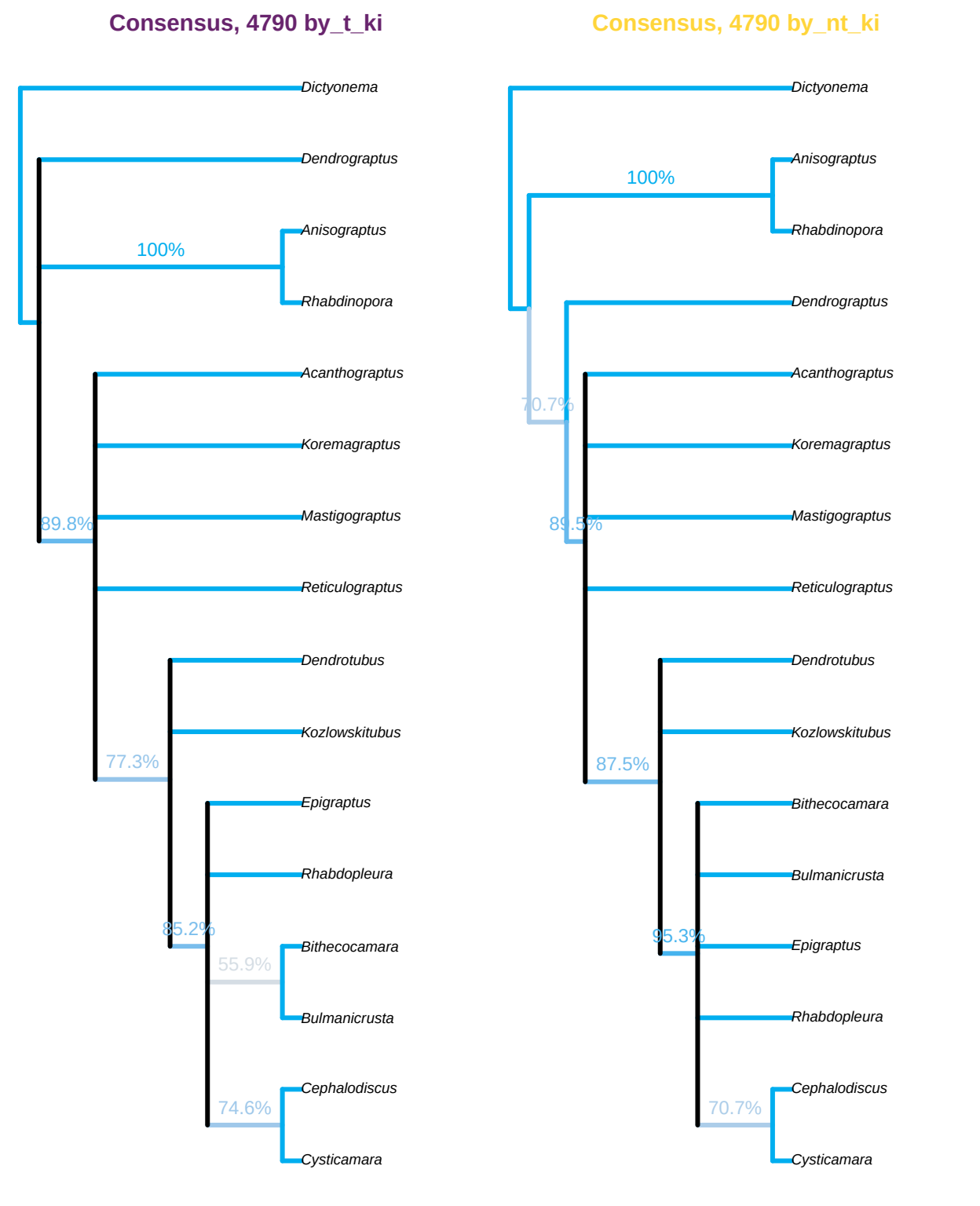
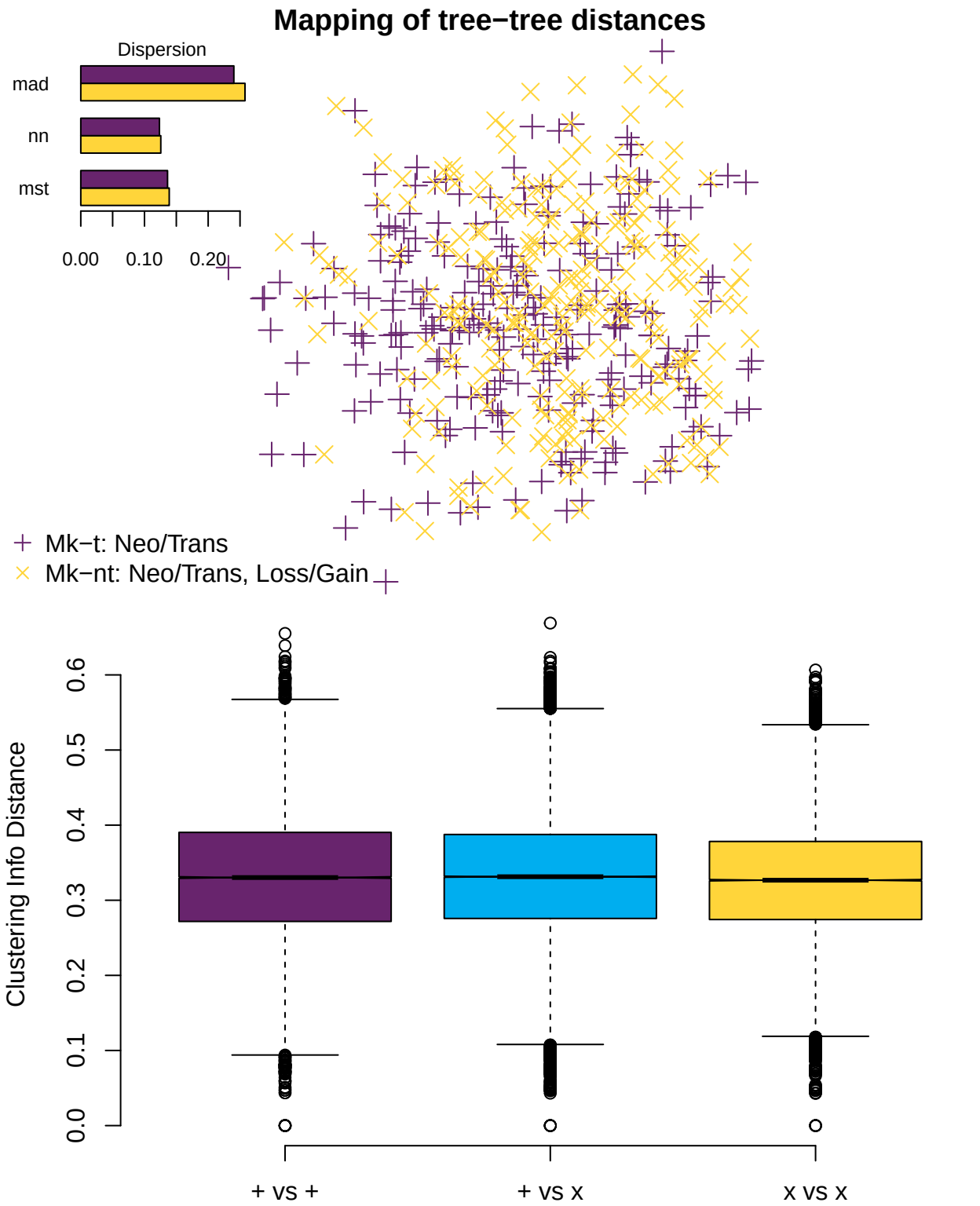
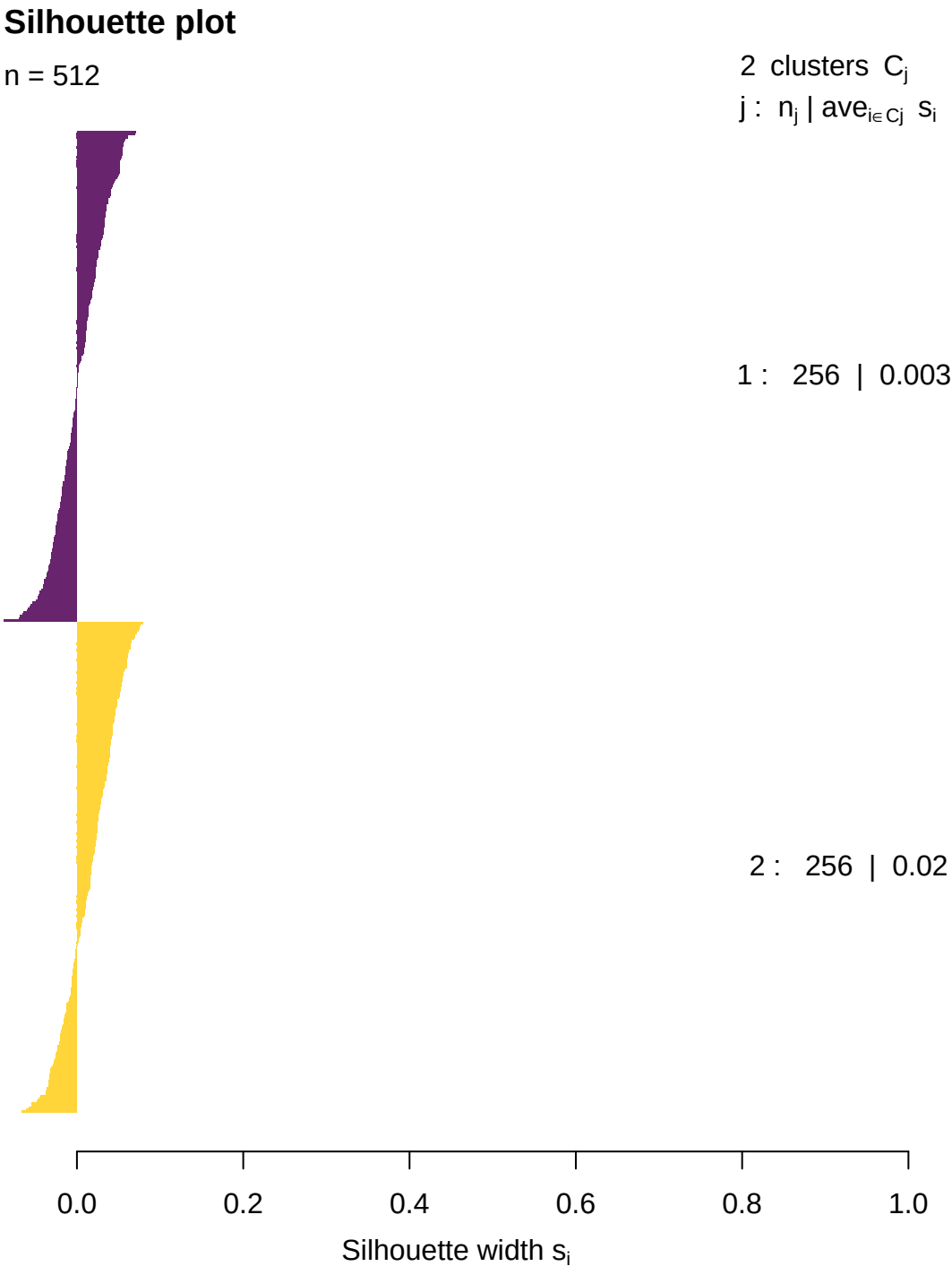
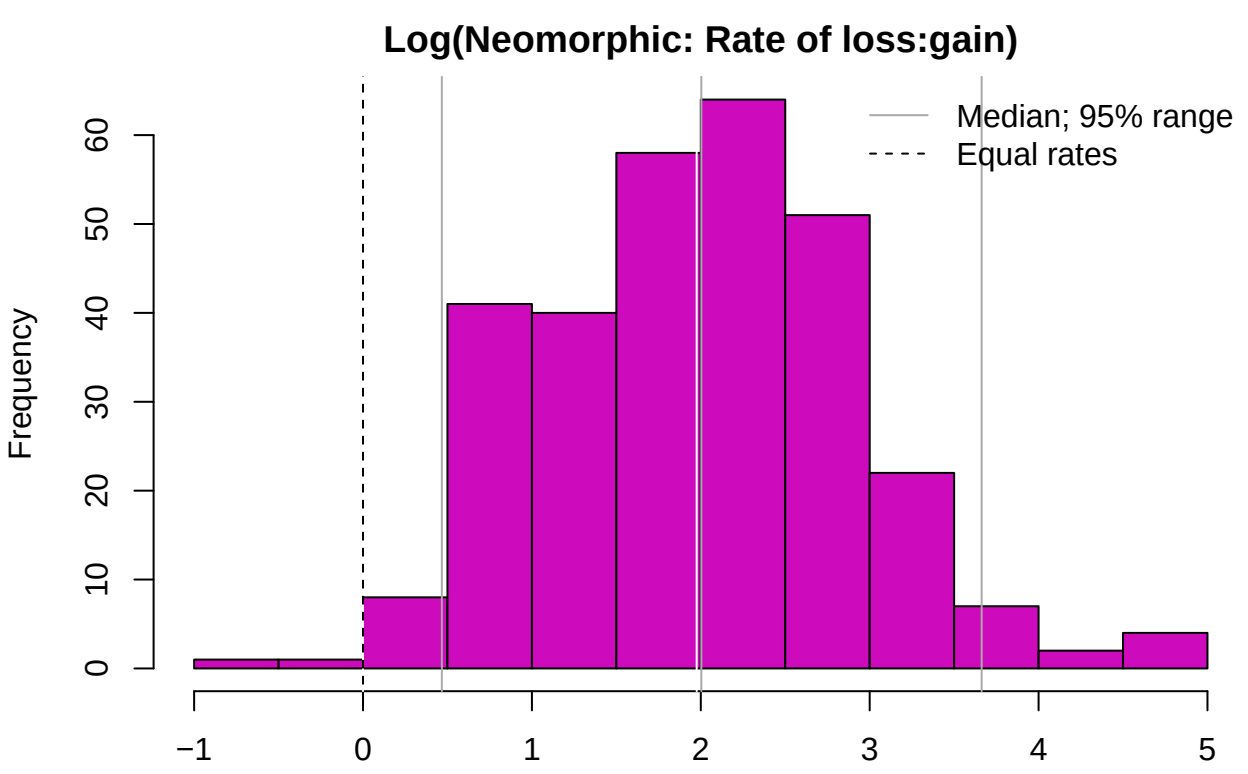
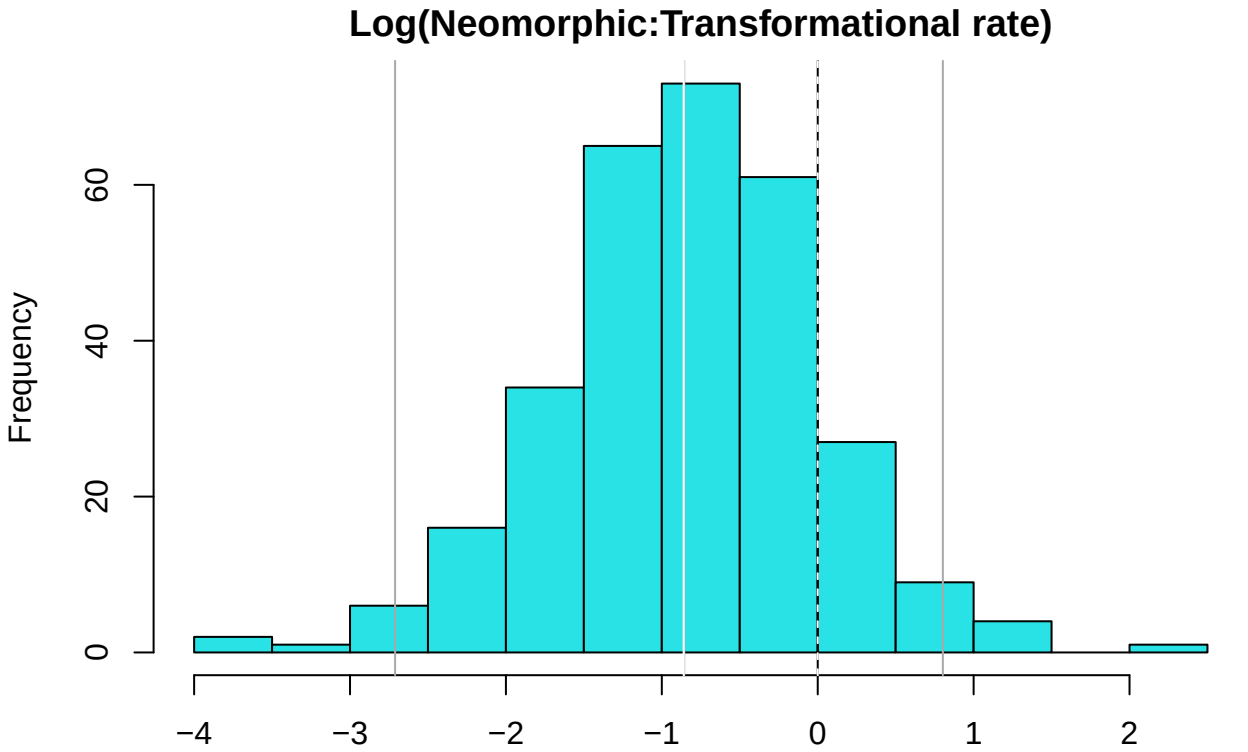

Consensus, 4790 by_t_ki
Dictyonema
Dendrograptus
Anisograptus
100%
Rhabdinopora
Acanthograptus
Koremagraptus
89.8%
Mastigograptus
Reticulograptus
Dendrotubus
Kozlowskitubus
77.3%
Epigraptus
Rhabdopleura
85.2%
Bithecocamara
55.9%
Bulmanicrusta
Cephalodiscus
74.6%
Cysticamara
Consensus, 4790 by_nt_ki
Dictyonema
Anisograptus
100%
Rhabdinopora
Dendrograptus
Acanthograptus
70.7%
Koremagraptus
89.5%
Mastigograptus
Reticulograptus
Dendrotubus
Kozlowskitubus
87.5%
Bithecocamara
Bulmanicrusta
95.3%
Epigraptus
Rhabdopleura
Cephalodiscus
70.7%
Cysticamara


Mapping of tree−tree distances
Dispersion
mad
nn
mst
0.00
0.10
0.20
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
0.6
+ 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 | 0.003
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
−1
0
1
2
3
4
5


Log(Neomorphic:Transformational rate)
Frequency
0
20
40
60
−4
−3
−2
−1
0
1
2

	Burnin	PSRF	ESS	FrechESS	mdPsESS	steppingStn	pathSmpl
Mk−t: Neo/Trans	0.05	1.00053	319.089	310.976	358.091	−157.79	−157.844
Mk−nt: Neo/Trans, Loss/Gain	0.05	1.00203	298.118	349.554	334.966	−154.832	−154.555