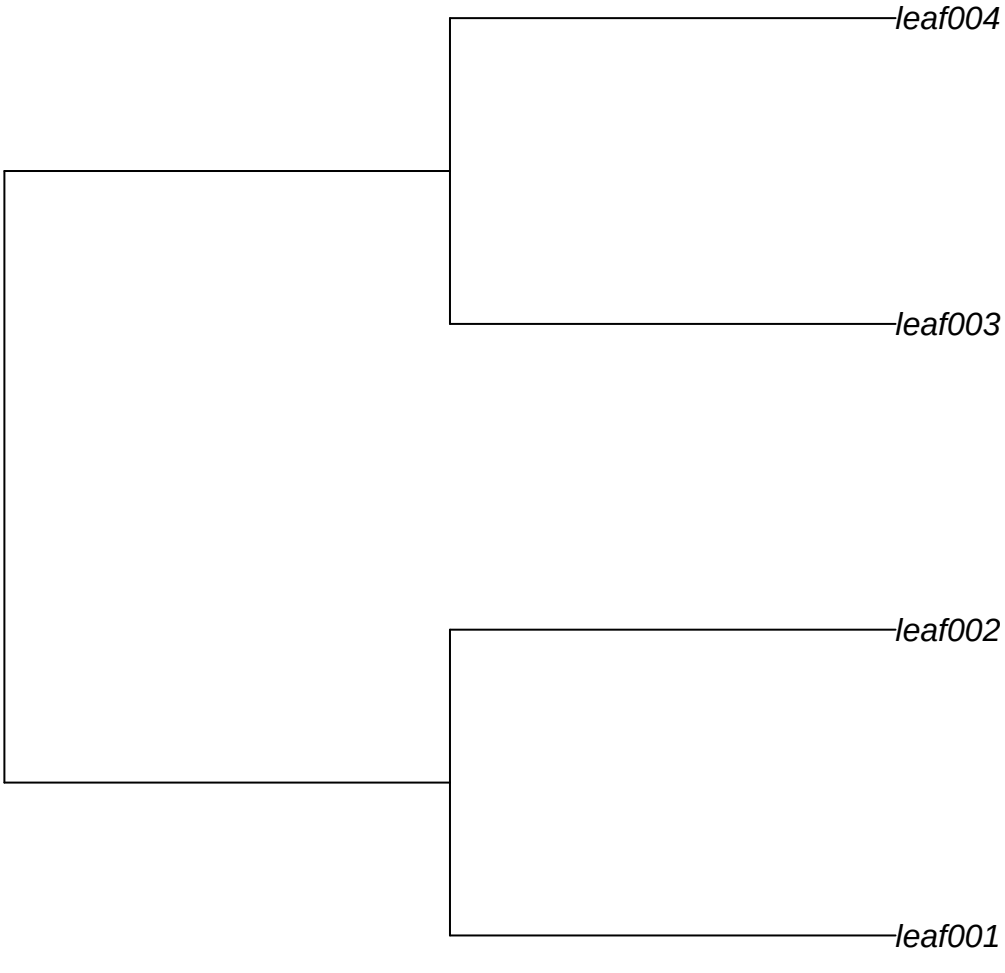
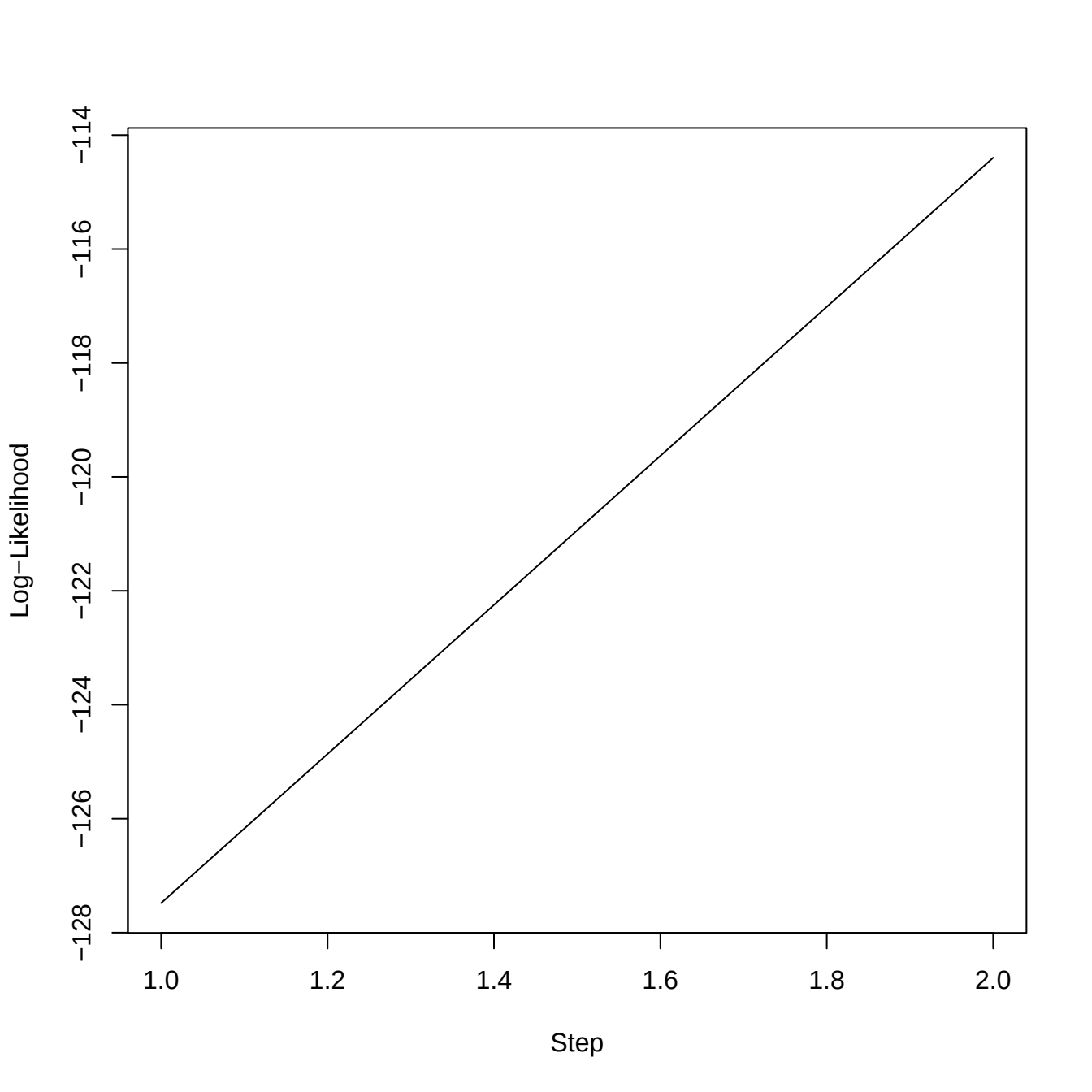
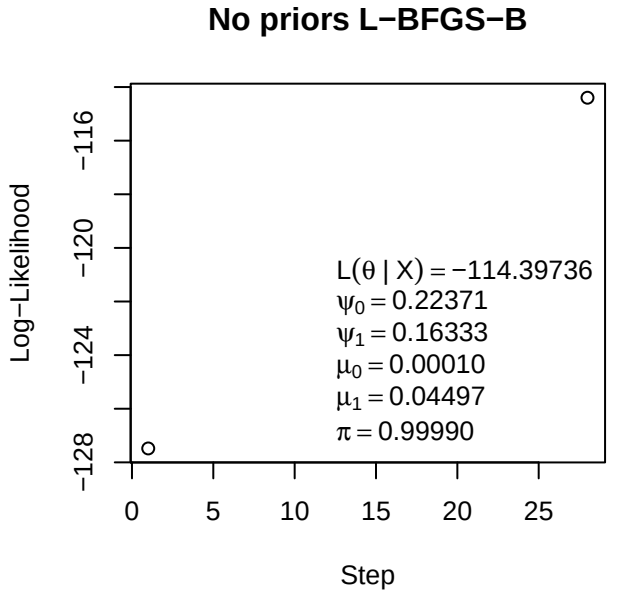
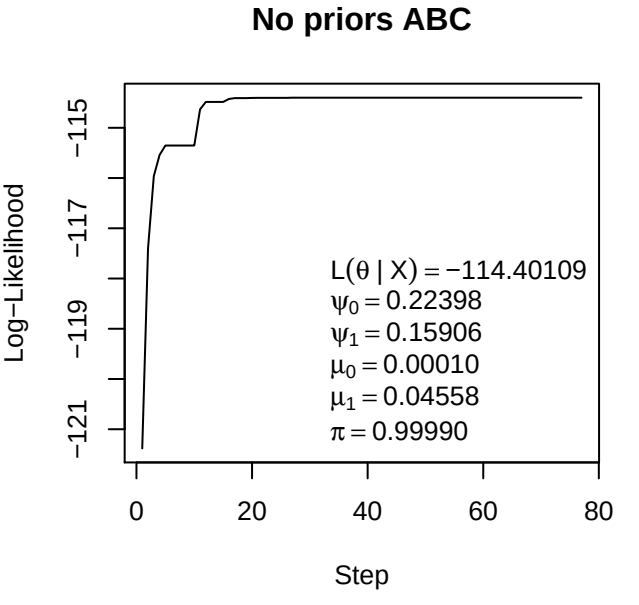
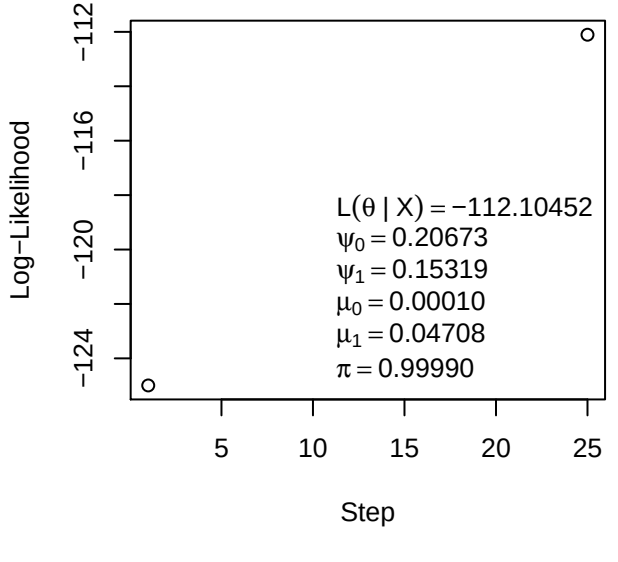
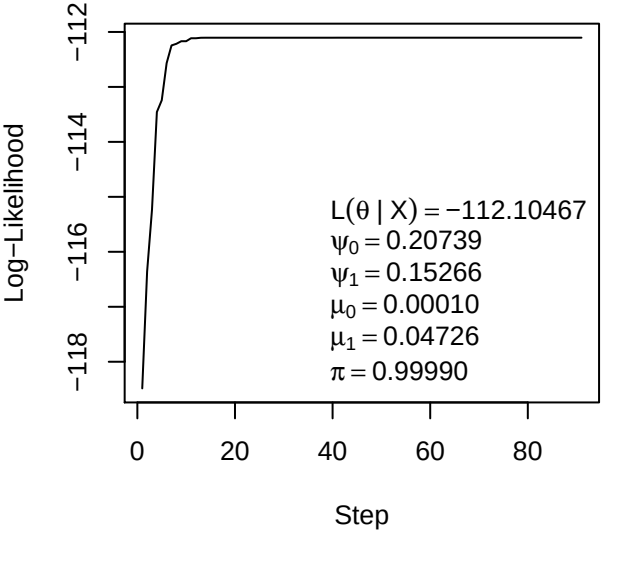

leaf004
leaf003
leaf002
leaf001

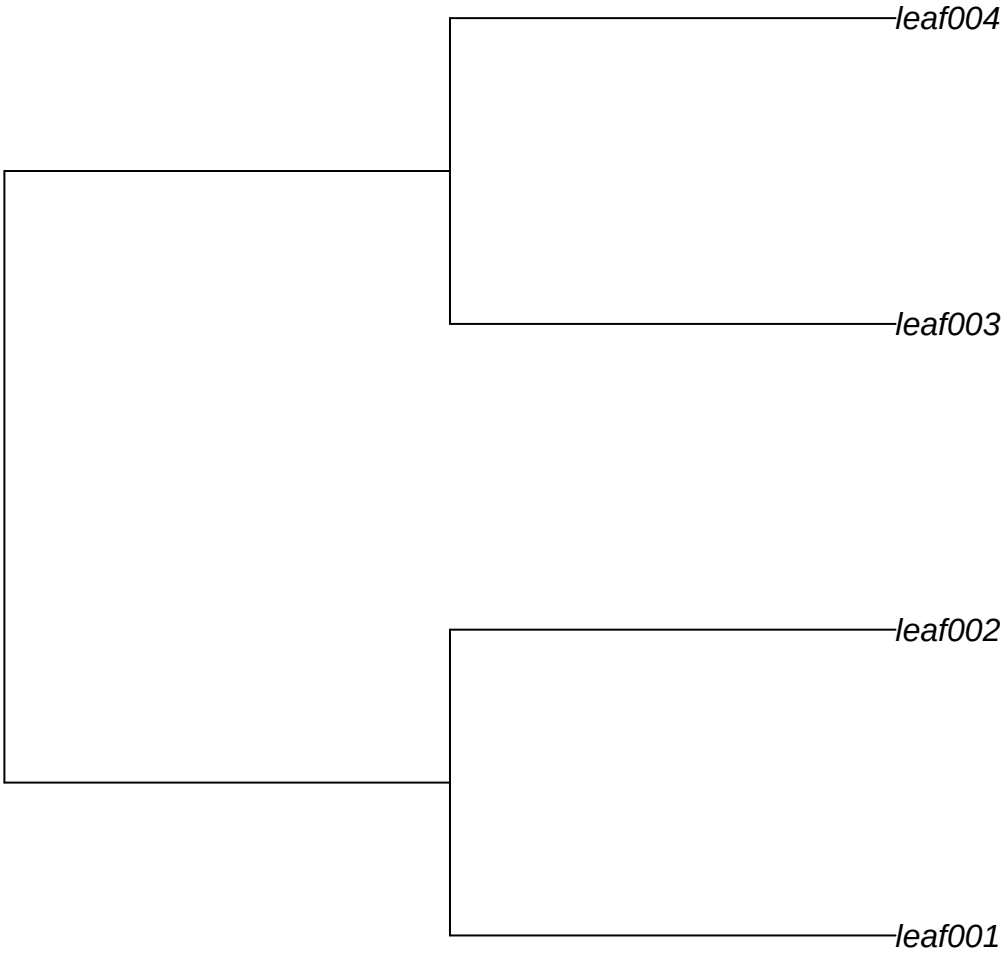

Log−Likelihood
−114
−116
−118
−120
−122
−124
−126
−128
1.0
1.2
1.4
1.6
1.8
2.0
Step


No priors L−BFGS−B
Log−Likelihood
−116
−120
−124
−128
0
5
10
15
20
25
Step
L(θ | X) = −114.39736
ψ0 = 0.22371
ψ1 = 0.16333
μ0 = 0.00010
μ1 = 0.04497
π = 0.99990


No priors ABC
Log−Likelihood
−115
−117
−119
−121
0
20
40
60
80
Step
L(θ | X) = −114.40109
ψ0 = 0.22398
ψ1 = 0.15906
μ0 = 0.00010
μ1 = 0.04558
π = 0.99990

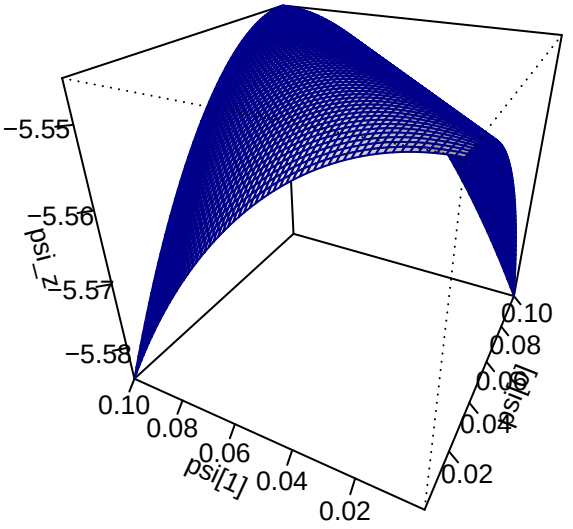

L−BFGS−B w/ Prior for Psi ~ beta(2,10)
Log−Likelihood
−112
−116
−120
−124
5
10
15
20
25
Step
L(θ | X) = −112.10452
ψ0 = 0.20673
ψ1 = 0.15319
μ0 = 0.00010
μ1 = 0.04708
π = 0.99990


ABC w/ Prior for Psi ~ beta(2,10)
Log−Likelihood
−112
−114
−116
−118
0
20
40
60
80
Step
L(θ | X) = −112.10467
ψ0 = 0.20739
ψ1 = 0.15266
μ0 = 0.00010
μ1 = 0.04726
π = 0.99990

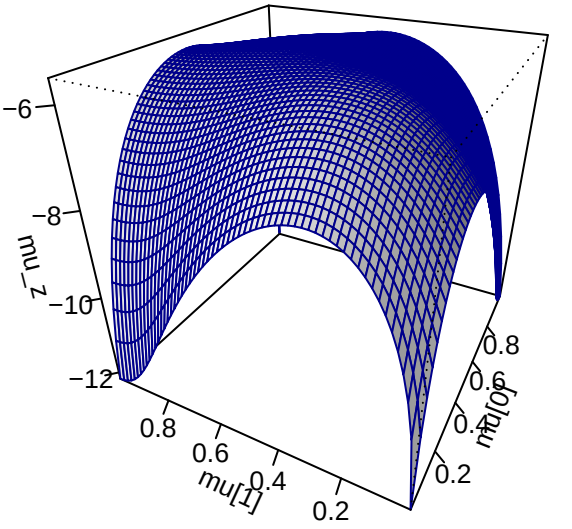

leaf004
leaf003
leaf002
leaf001

LogLikelihood

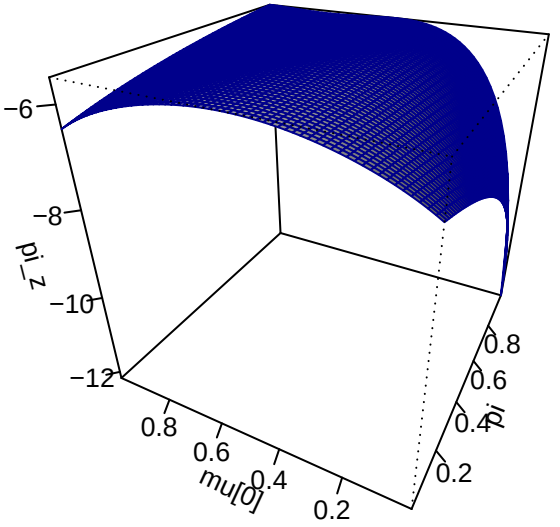
$\mu = 0.5000$ and $\pi = 0.5000$



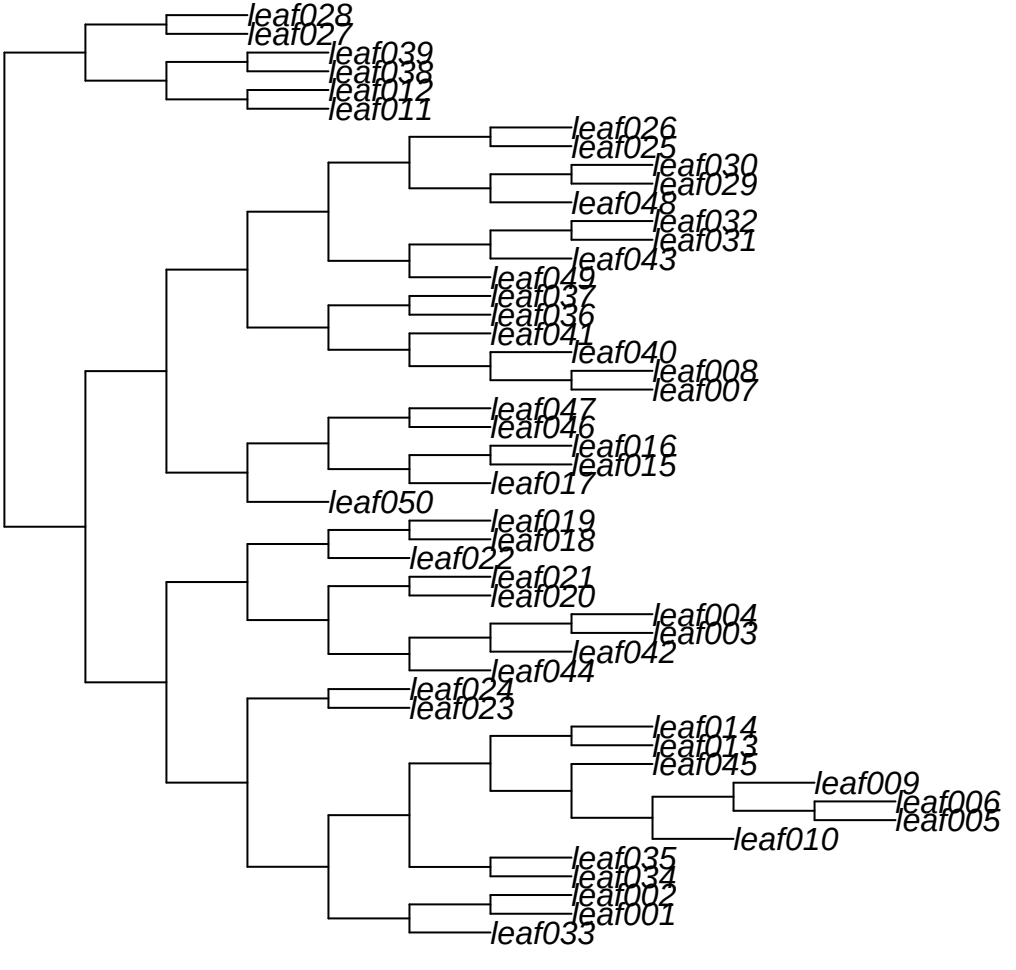
$\psi = 0.0500$ and $\pi = 0.5000$



$\psi = 0.0500$ and $\mu_1 = 0.5000$



π Root node probabilities
ψ Misclassification probabilities
μ Loss/Gain probabilities


leaf028
leaf027
leaf039
leaf038
leaf012
leaf011
leaf026
leaf025
leaf030
leaf029
leaf048
leaf032
leaf031
leaf043
leaf049
leaf037
leaf036
leaf041
leaf040
leaf008
leaf007
leaf047
leaf046
leaf016
leaf015
leaf017
leaf050
leaf019
leaf018
leaf022
leaf021
leaf020
leaf004
leaf003
leaf042
leaf044
leaf024
leaf023
leaf014
leaf013
leaf045
leaf009
leaf006
leaf005
leaf010
leaf035
leaf034
leaf002
leaf001
leaf033