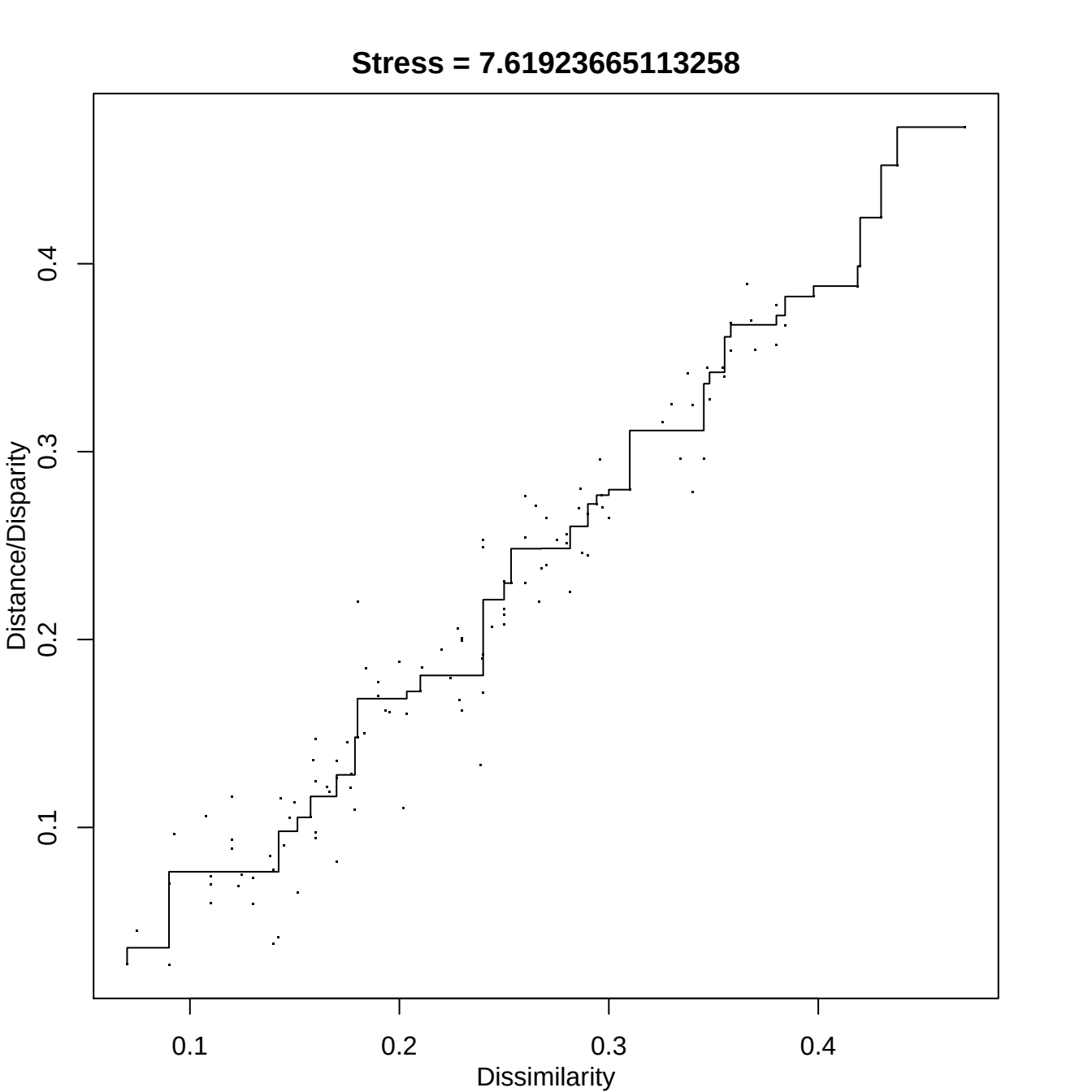
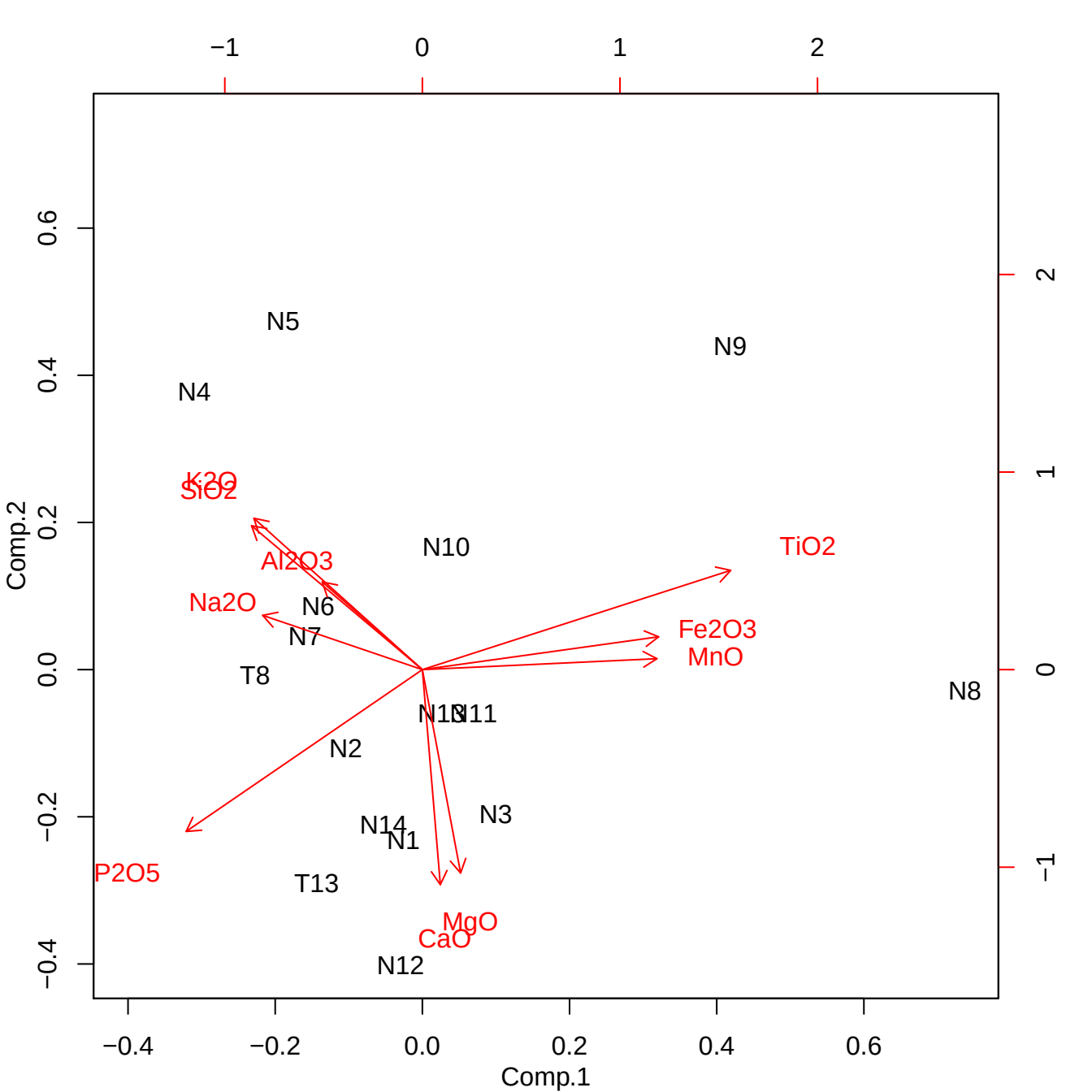
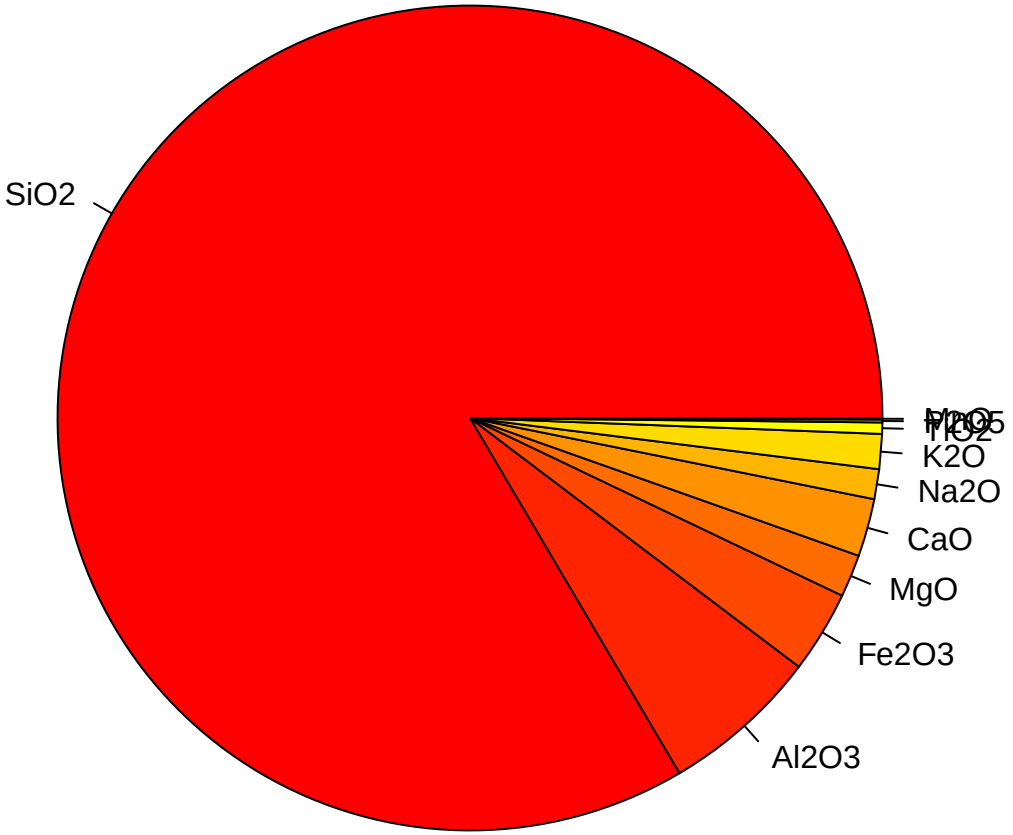
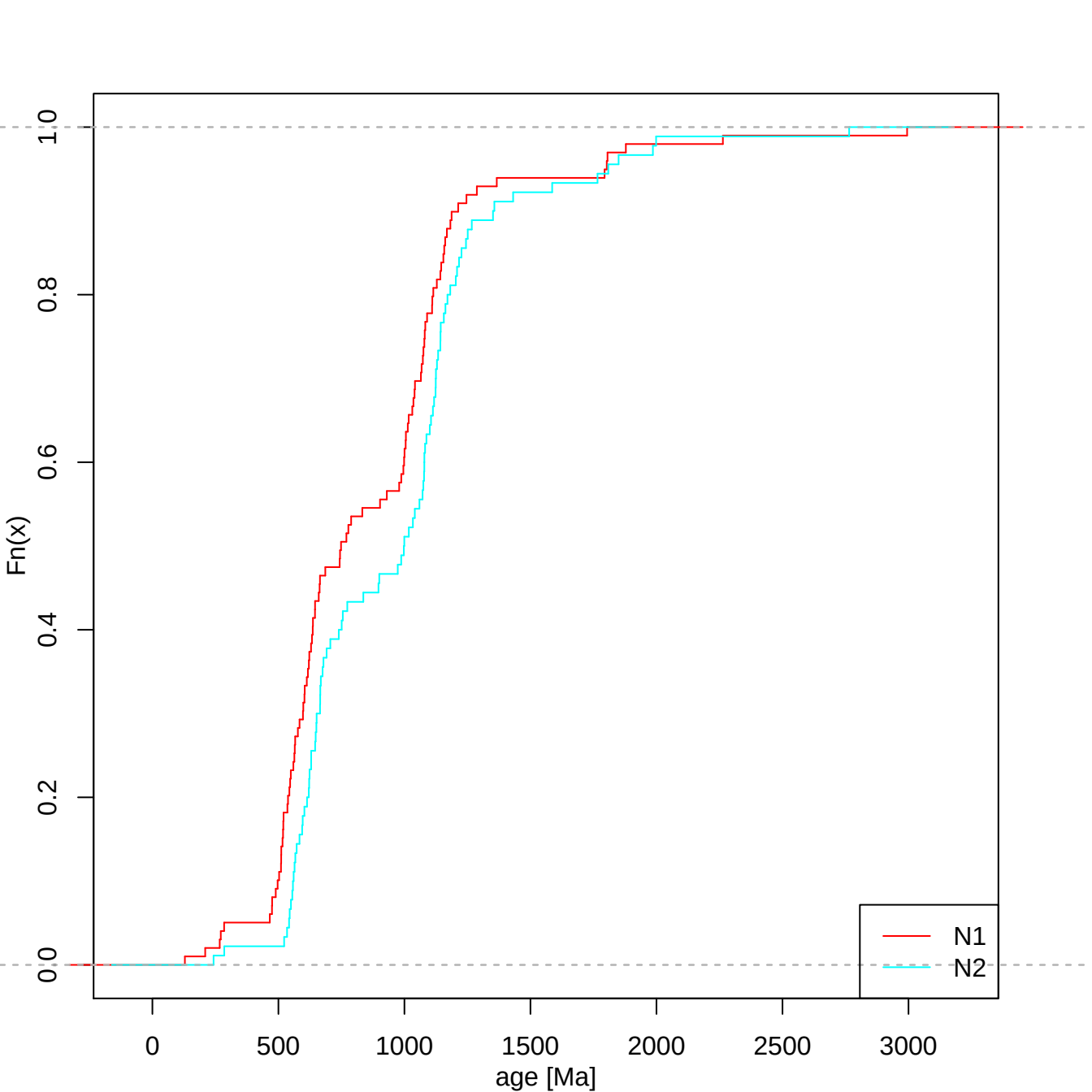
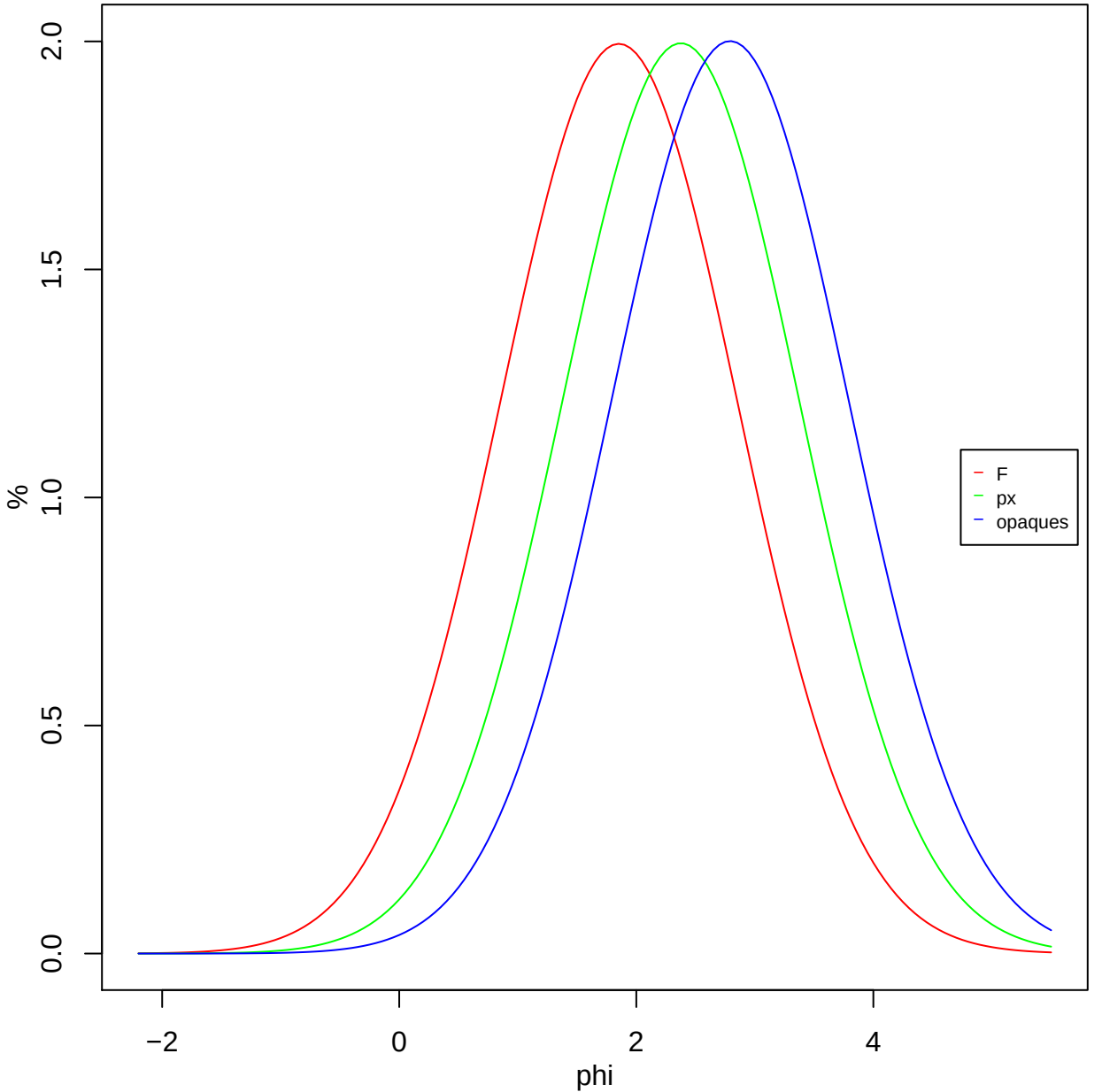
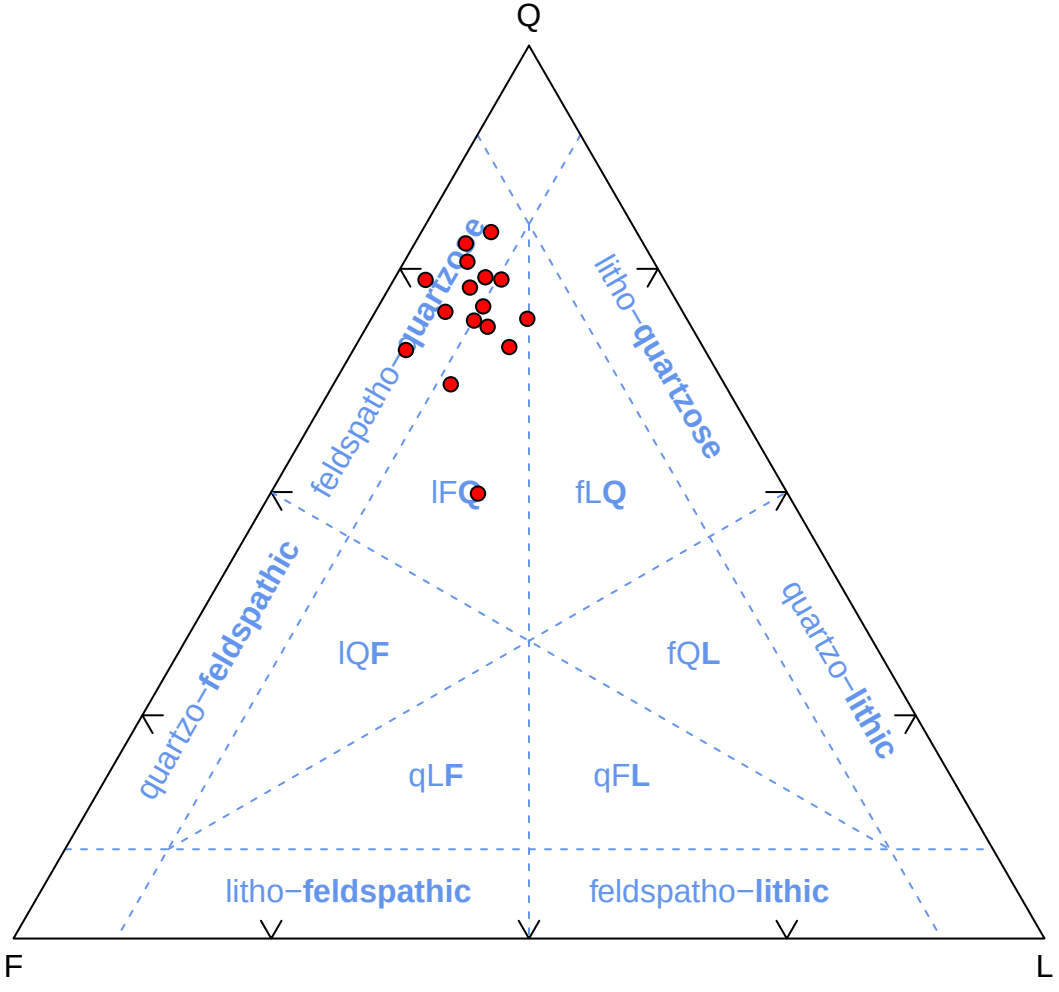

Stress = 7.61923665113258
Distance/Disparity
0.1
0.2
0.3
0.4
Dissimilarity
0.1
0.2
0.3
0.4

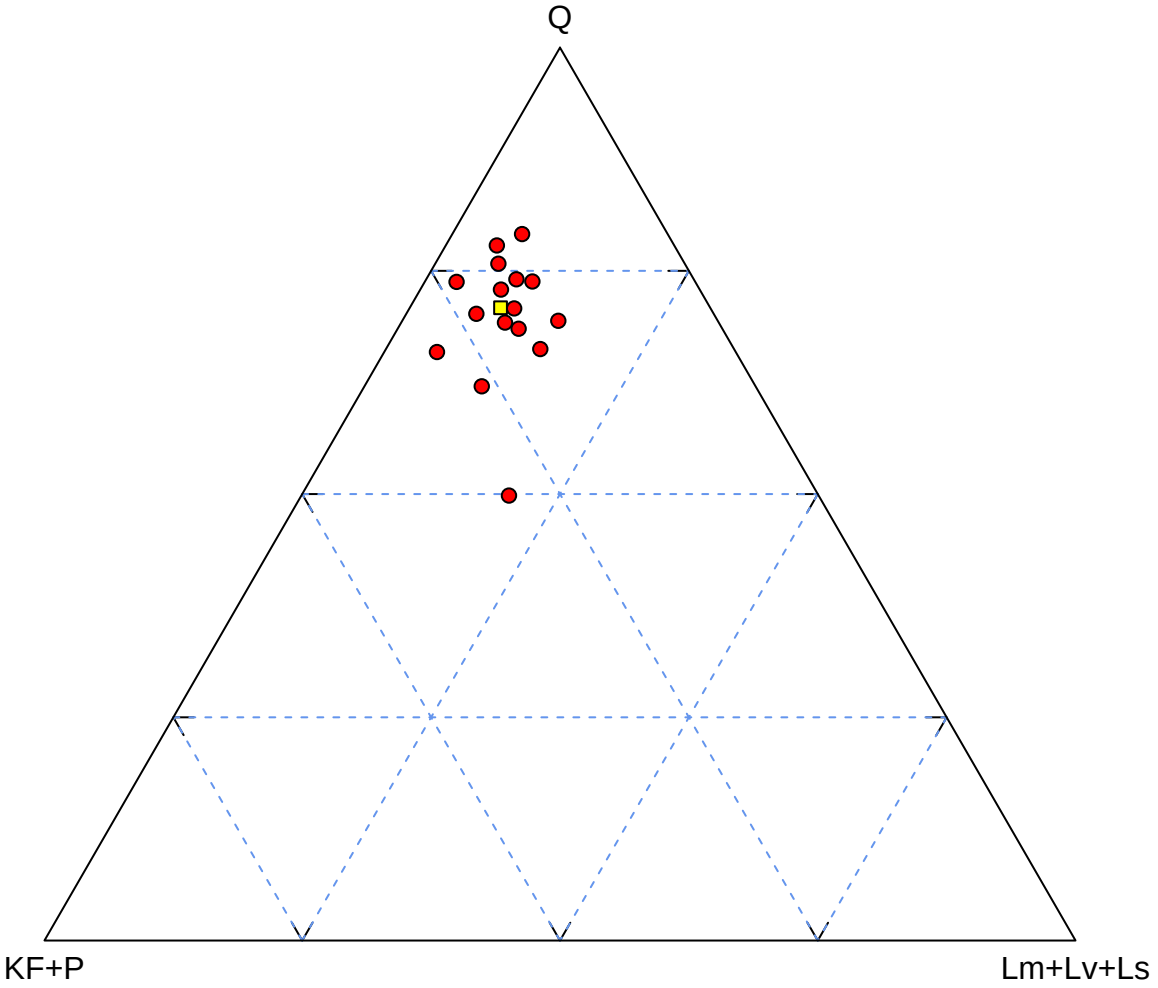

−1
0
1
2
0.6
0.4
0.2
0.0
−0.2
−0.4
Comp.2
2
1
0
−1
N5
N9
N4
K2O
SiO2
N10
TiO2
Al2O3
Na2O
N6
N7
Fe2O3
MnO
T8
N8
N11
N2
N3
N14
N1
P2O5
T13
MgO
CaO
N12
−0.4
−0.2
0.0
0.2
0.4
0.6
Comp.1

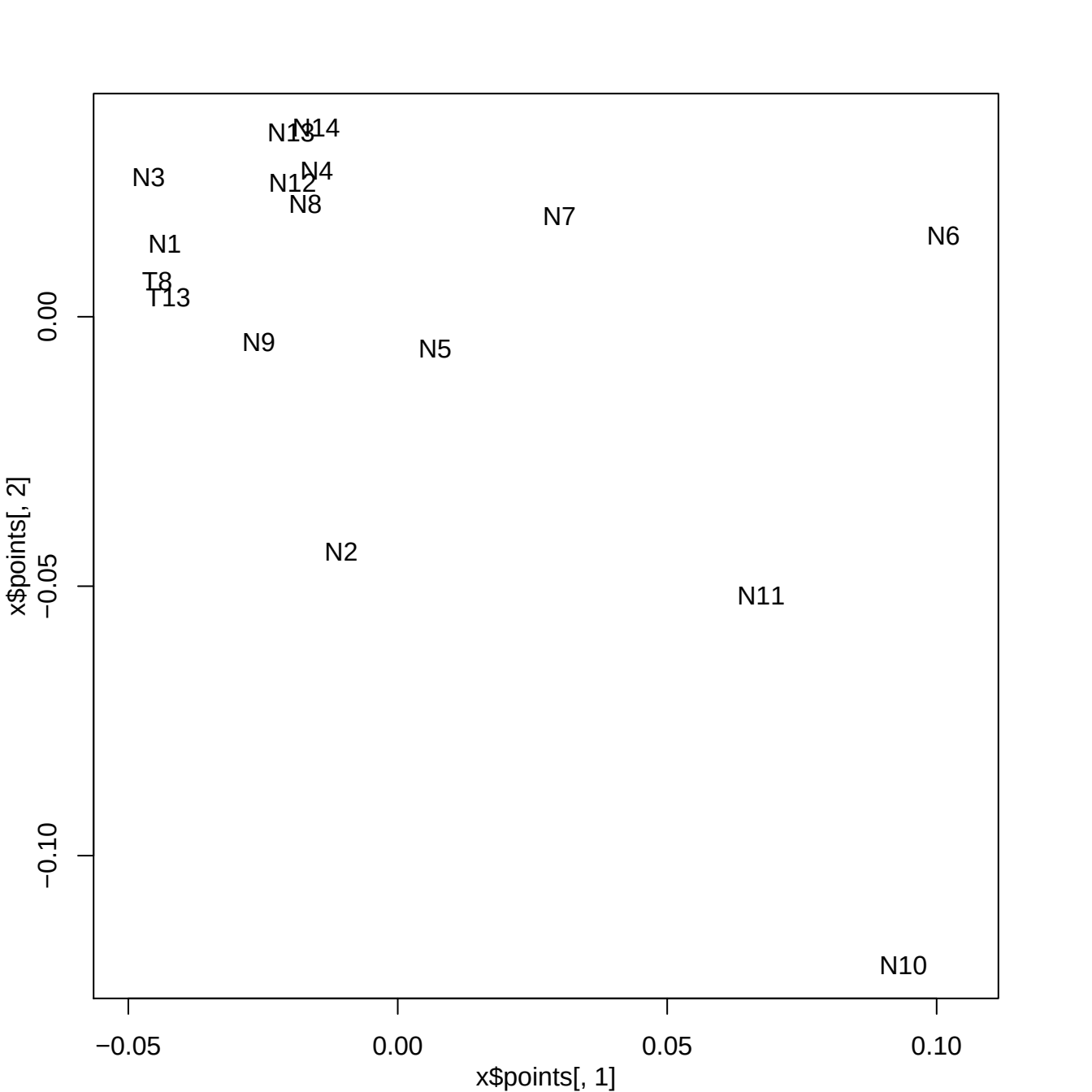

SiO2
MnO
P2O5
TiO2
K2O
Na2O
CaO
MgO
Fe2O3
Al2O3

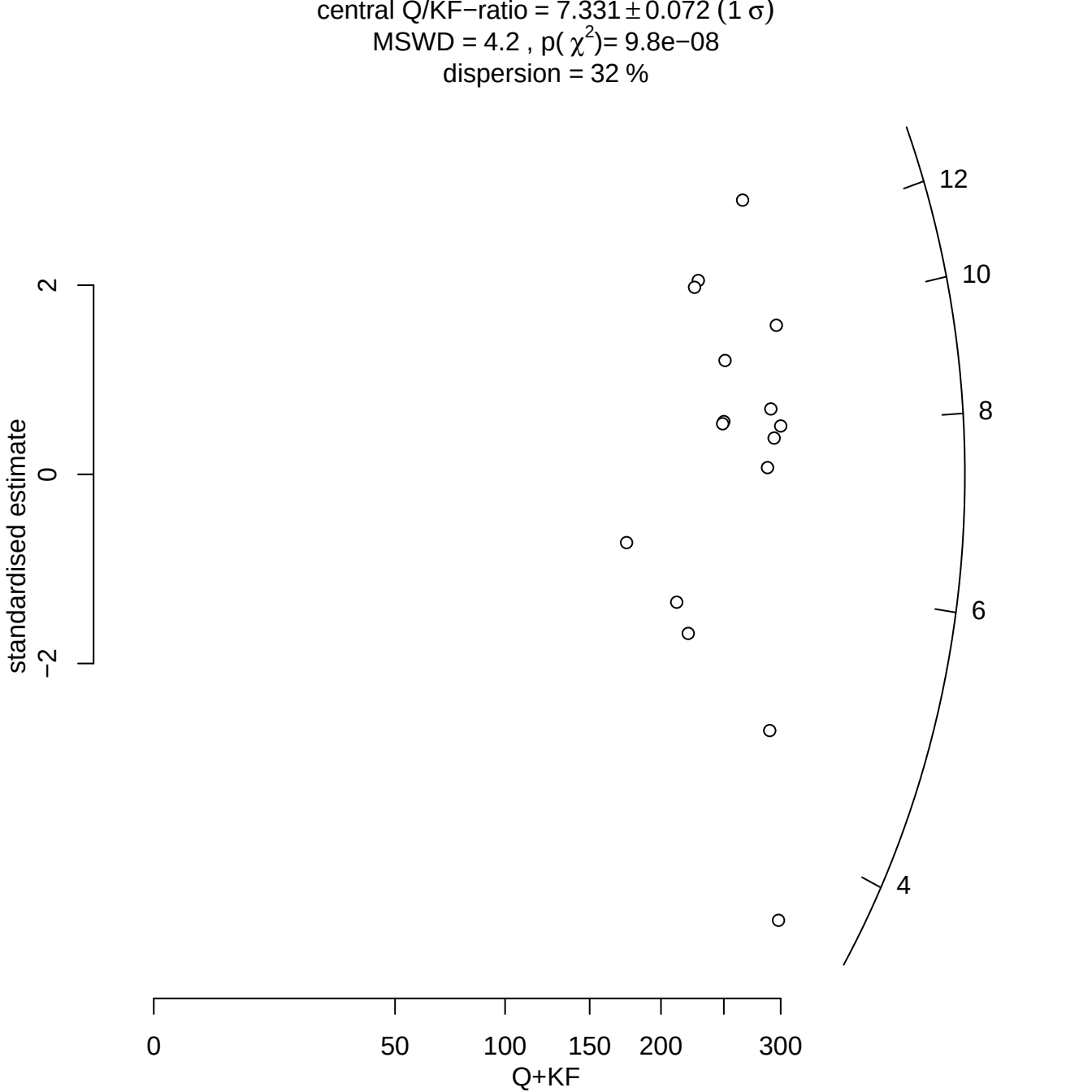

Fn(x)
0.0
0.2
0.4
0.6
0.8
1.0
0
500
1000
1500
2000
2500
3000
age [Ma]
N1
N2

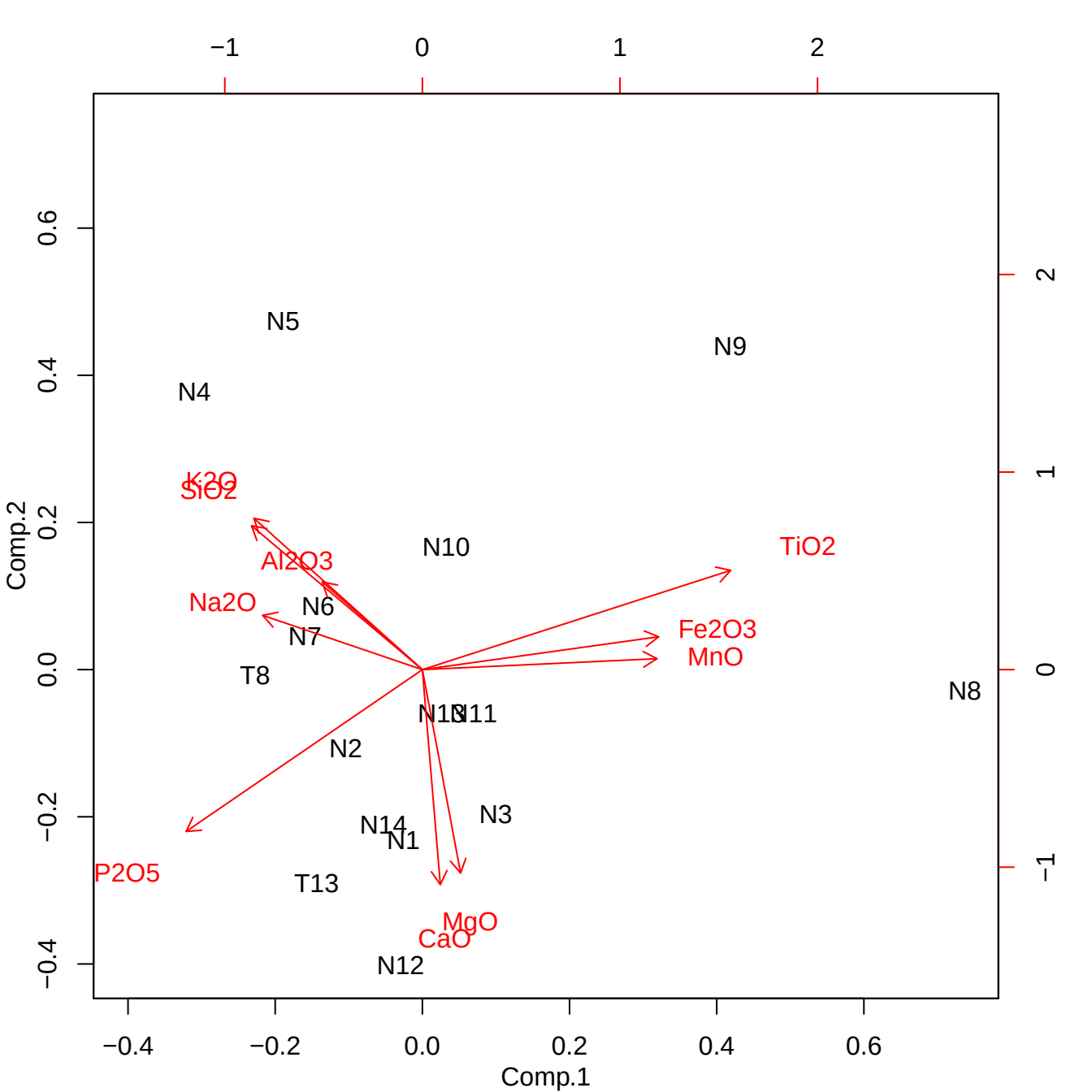

2.0
1.5
1.0
0.5
0.0
%
F
px
opaques
−2
0
2
4
phi

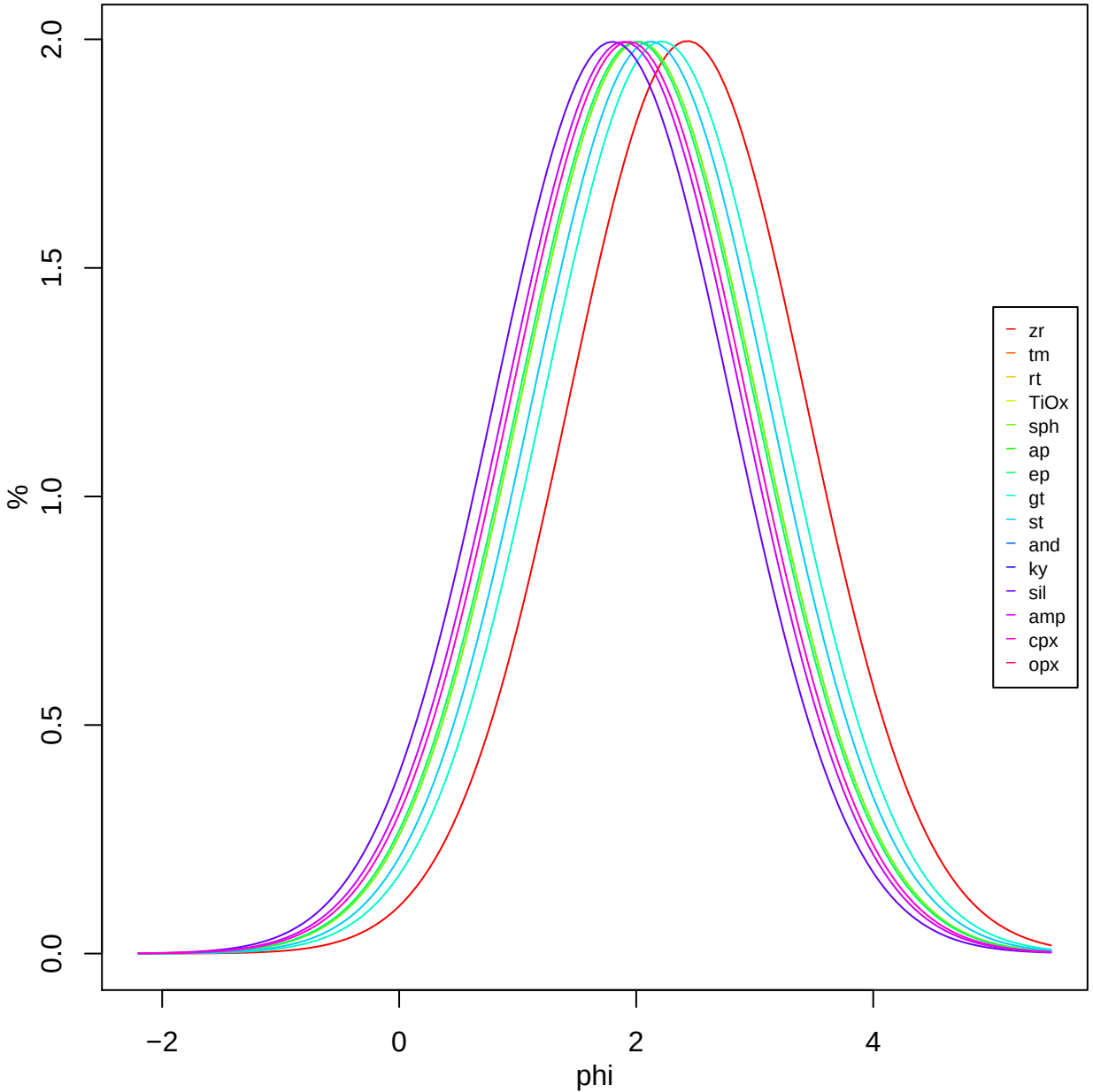

Q
F
L
feldspatho−quartzose
litho−quartzose
lFQ
fLQ
quartzo−feldspathic
lQF
fQL
quartzo−lithic
qLF
qFL
litho−feldspathic
feldspatho−lithic

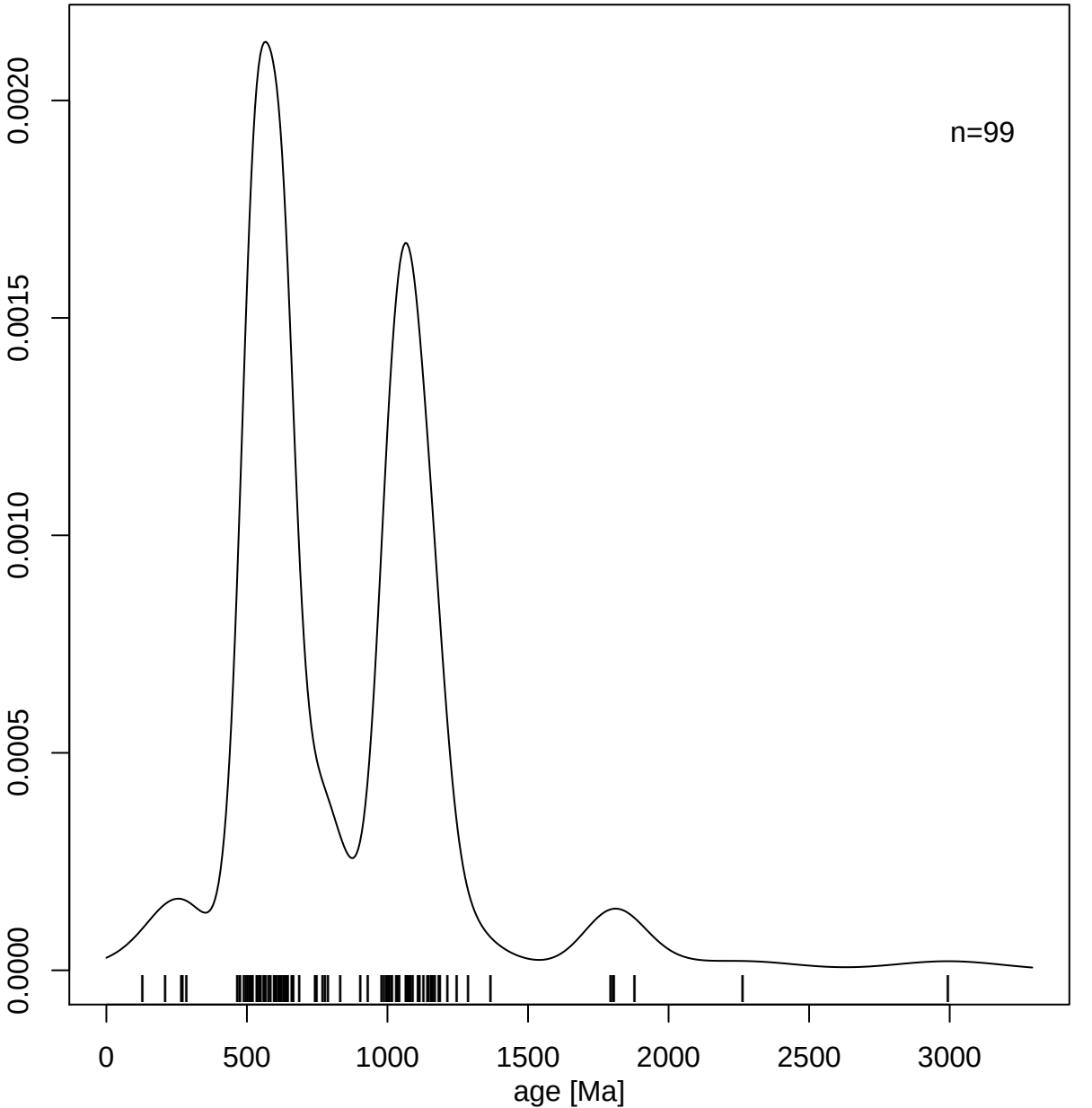

Q
KF+P
Lm+Lv+Ls

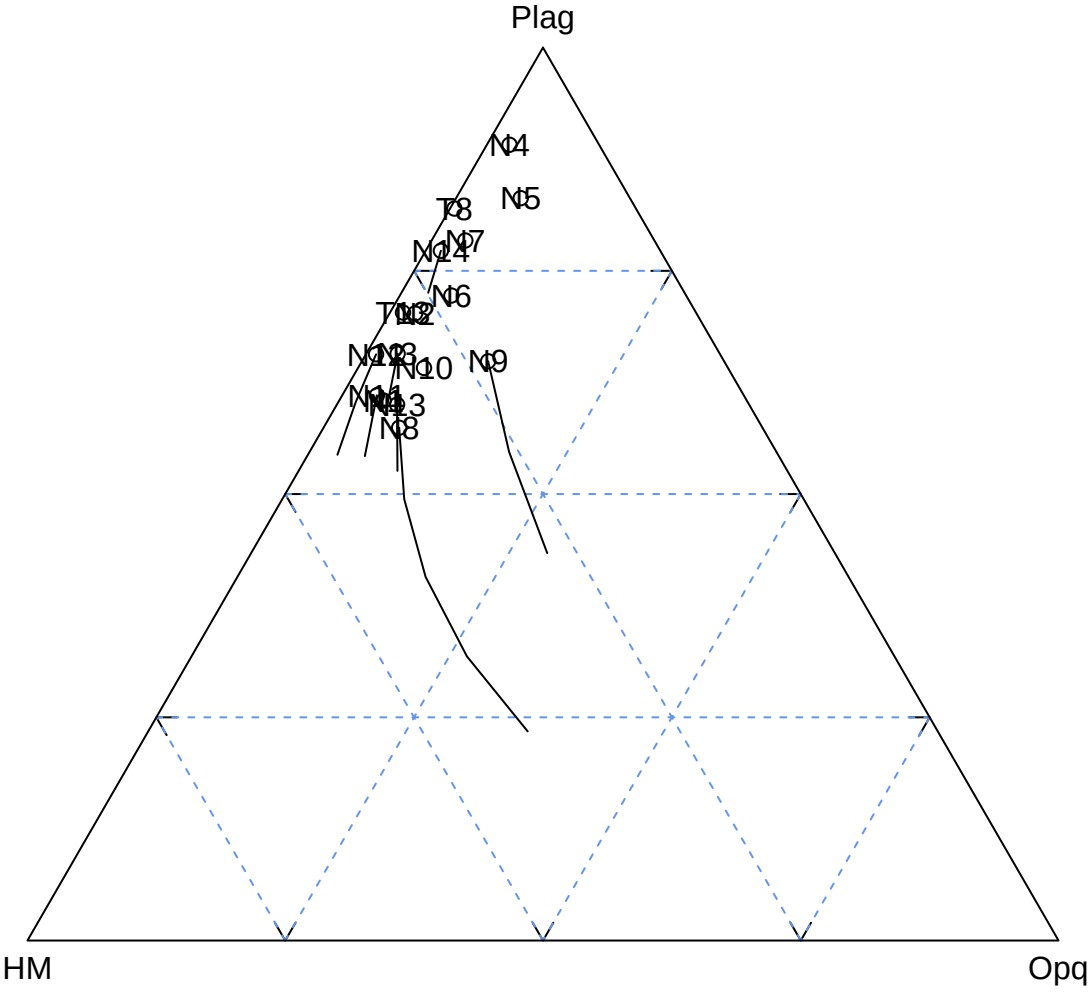

N13
N14
N3
N4
N12
N8
N7
N6
N1
T8
T13
N9
N5
N2
N11
N10
0.00
−0.05
−0.10
x$points[, 2]
−0.05
0.00
0.05
0.10
x$points[, 1]

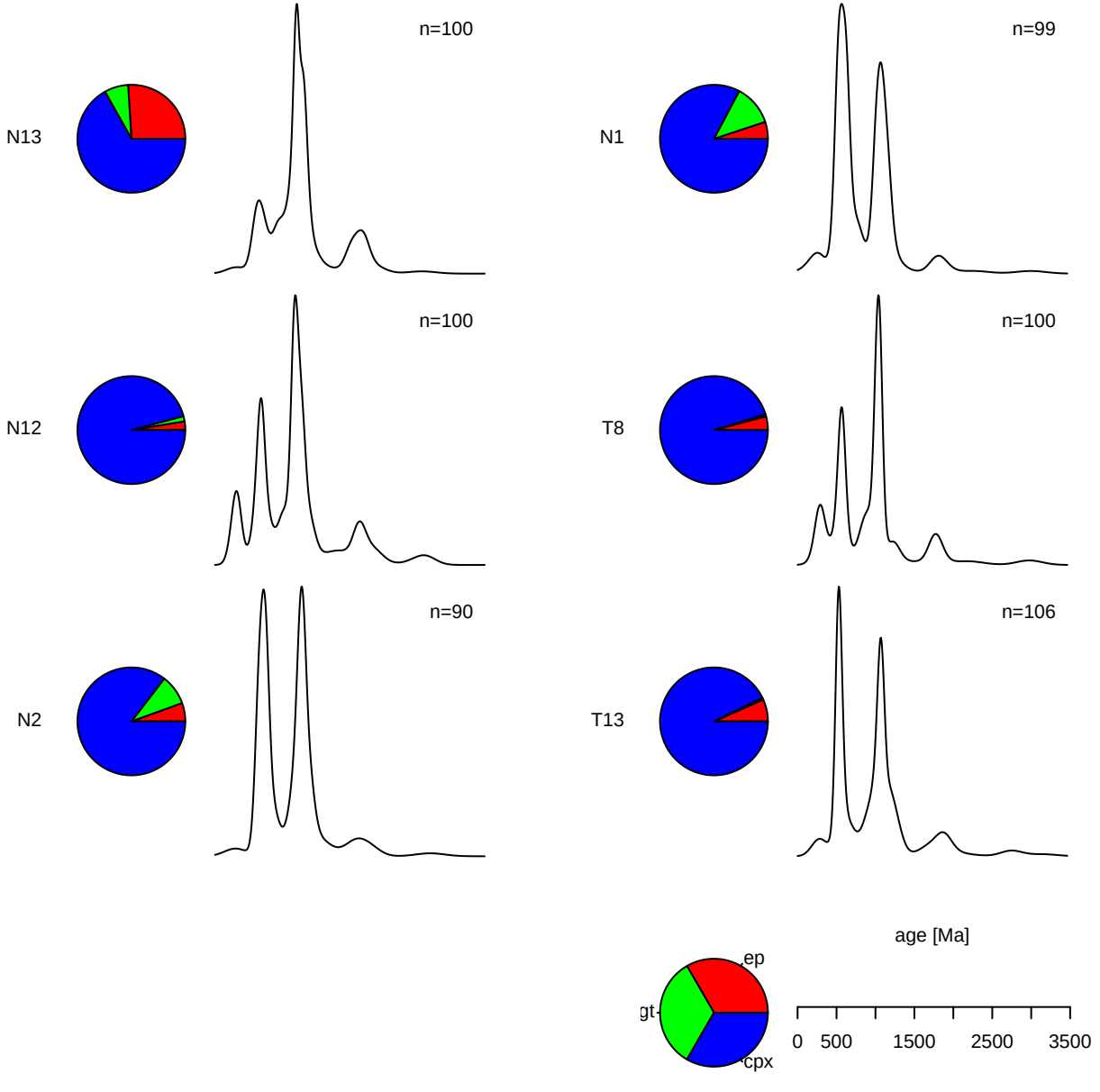

central Q/KF−ratio = 7.331 ± 0.072 (1 σ)
MSWD = 4.2 , p(χ2)= 9.8e−08
dispersion = 32 %
standardised estimate
−2
0
2
0
50
100
150
200
300
Q+KF
4
6
8
10
12

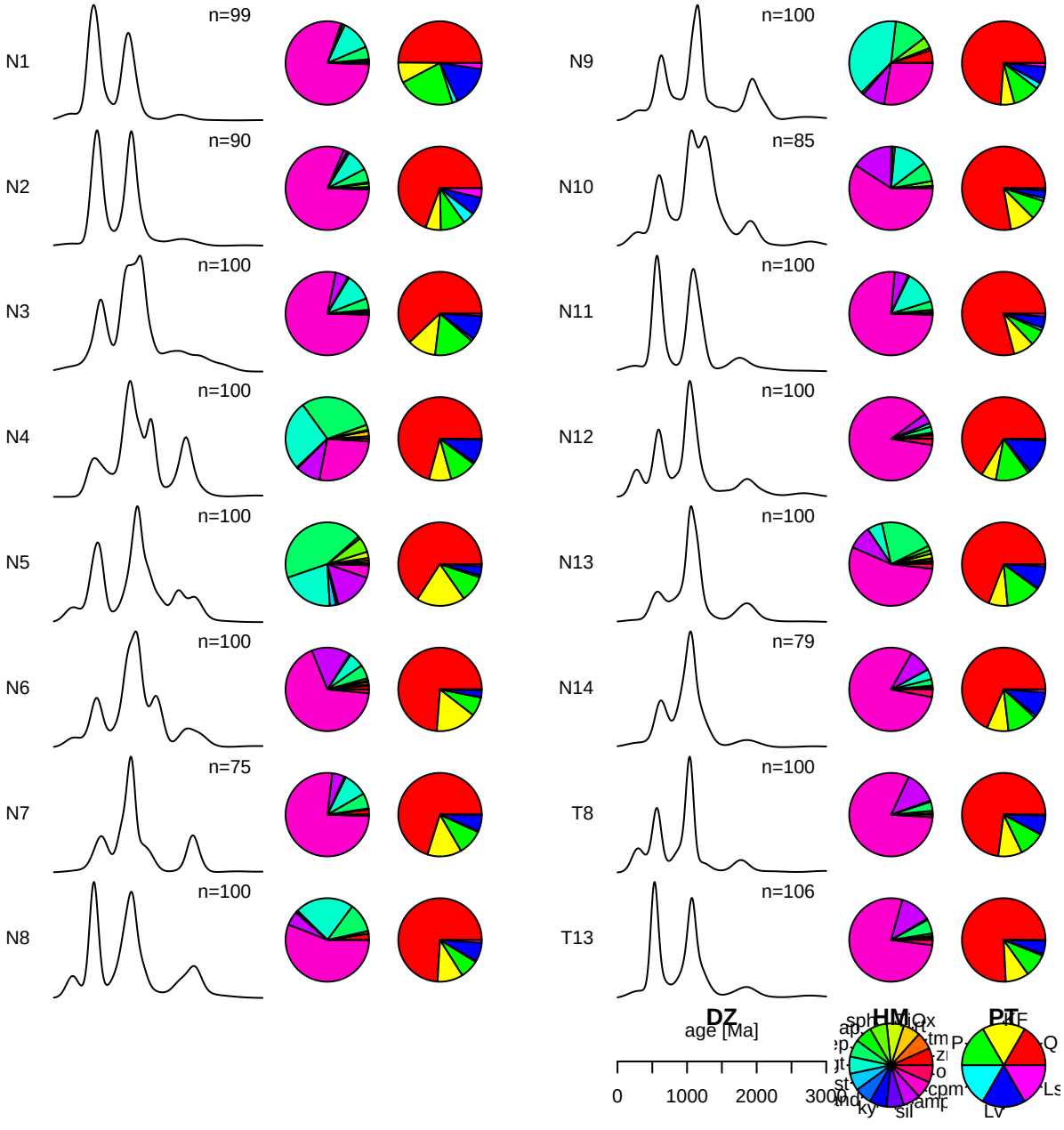

−1
0
1
2
0.6
0.4
0.2
0.0
−0.2
−0.4
Comp.2
2
1
0
−1
N5
N9
N4
K2O
SiO2
N10
TiO2
Al2O3
Na2O
N6
N7
Fe2O3
MnO
T8
N8
N11
N2
N3
N14
N1
P2O5
T13
MgO
CaO
N12
−0.4
−0.2
0.0
0.2
0.4
0.6
Comp.1

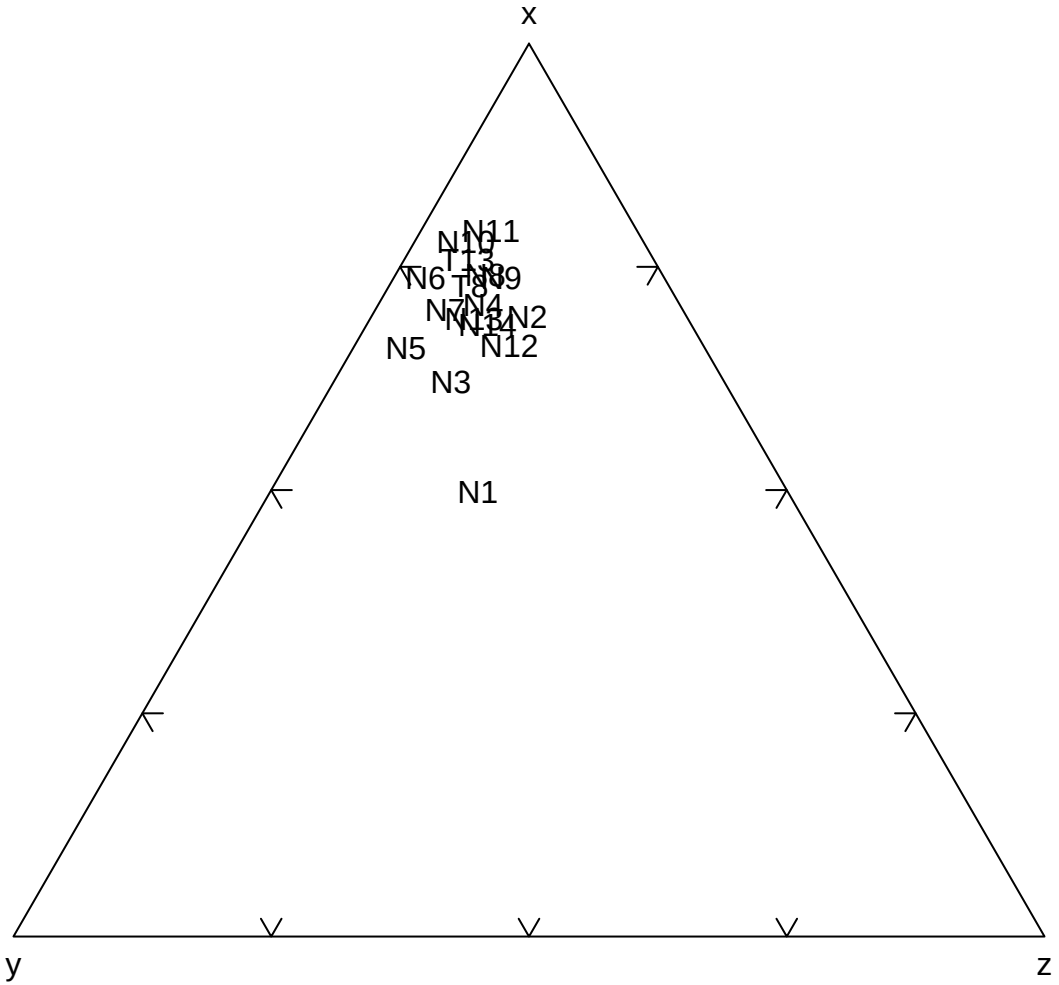

2.0
1.5
1.0
0.5
0.0
%
−2
0
2
4
phi
zr
tm
rt
TiOx
sph
ap
ep
gt
st
and
ky
sil
amp
cpx
opx

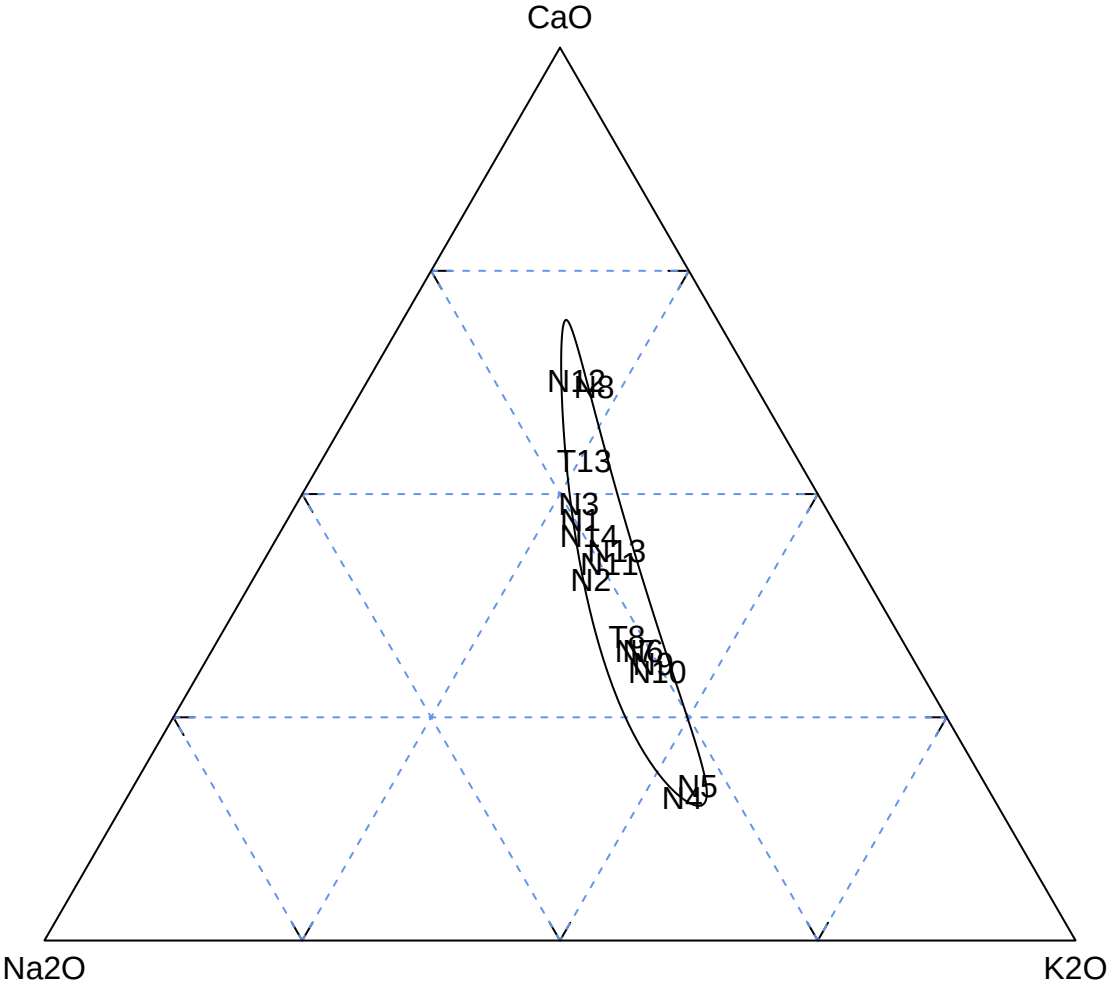

n=99
0.0000
0.0005
0.0010
0.0015
0.0020
0
500
1000
1500
2000
2500
3000
age [Ma]

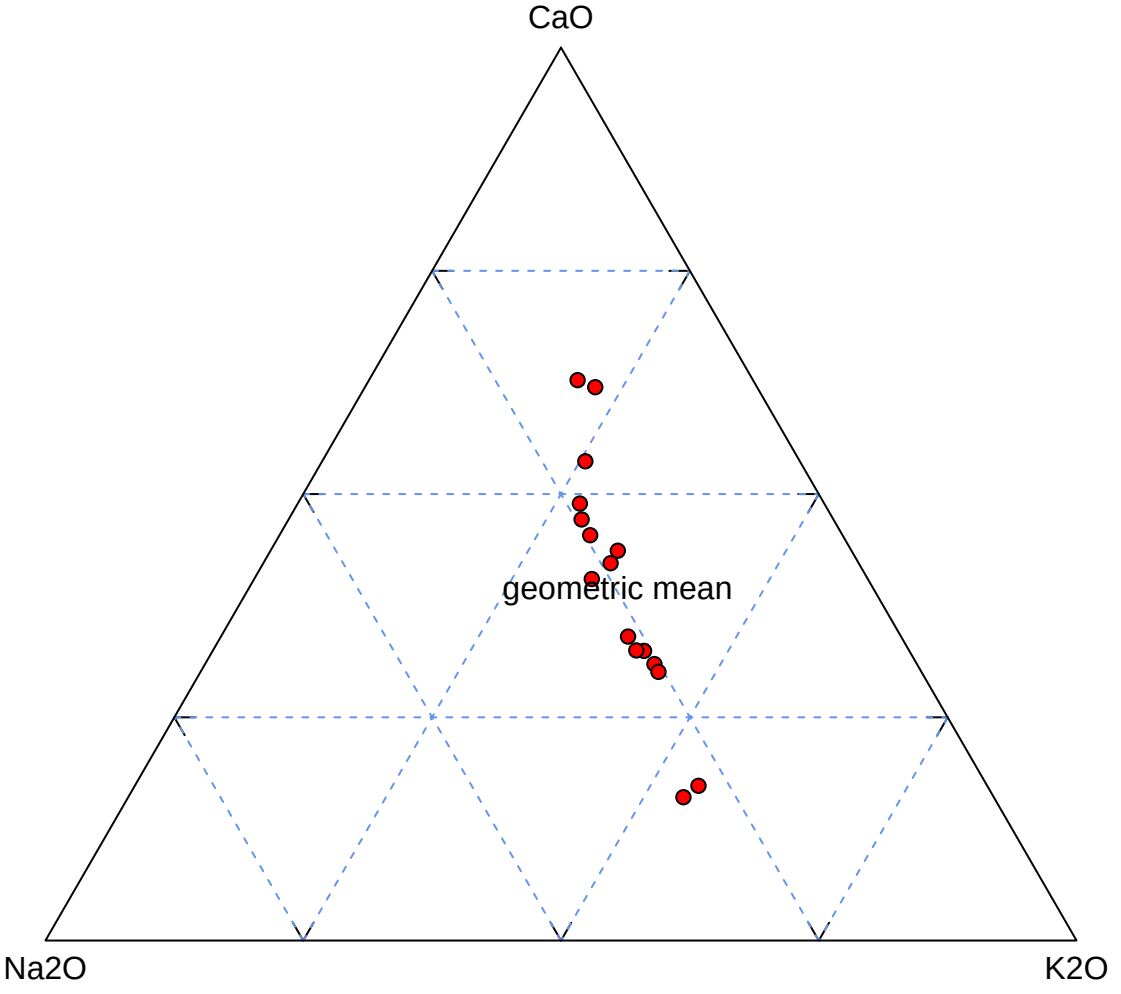

Plag
HM
Opq


n=100
N13
n=99
N1
n=100
N12
n=100
T8
n=90
N2
n=106
T13
ep
gt
cpx
age [Ma]
0
500
1500
2500
3500


N1
n=99
N2
n=90
N3
n=100
N4
n=100
N5
n=100
N6
n=100
N7
n=75
N8
n=100
N9
n=100
N10
n=85
N11
n=100
N12
n=100
N13
n=100
N14
n=79
T8
n=100
T13
n=106
DZ
age [Ma]
0
1000
2000
3000
HM
PT
help("summaryplot")


x
N11
N10
T13
N6
T8
N9
N7
N4
N13
N2
N14
N5
N12
N3
N1
y
z


CaO
Na2O
K2O
N12
N8
T13
N3
N1
N14
N13
N11
N2
T8
N7
N6
N9
N10
N5
N4


CaO
geometric mean
Na2O
K2O