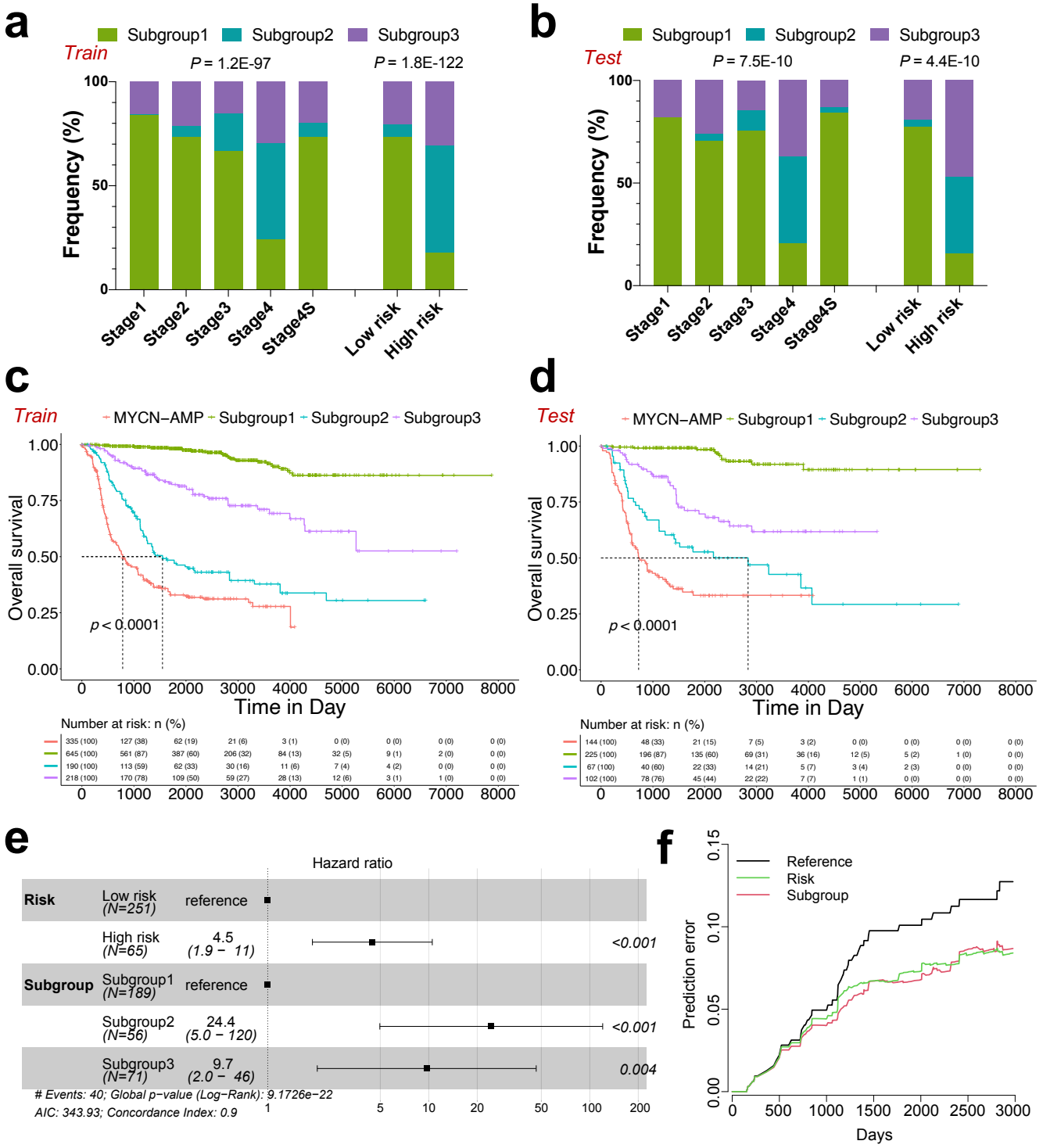
a
Train
Subgroup1
Subgroup2
Subgroup3
P = 1.2E-97
P = 1.8E-122
Frequency (%)
100
50
0
Stage1
Stage2
Stage3
Stage4
Stage4S
Low risk
High risk
b
Test
Subgroup1
Subgroup2
Subgroup3
P = 7.5E-10
P = 4.4E-10
Frequency (%)
100
50
0
Stage1
Stage2
Stage3
Stage4
Stage4S
Low risk
High risk
c
Train
MYCN−AMP
Subgroup1
Subgroup2
Subgroup3
Overall survival
1.00
0.75
0.50
0.25
0.00
p < 0.0001
0
1000
2000
3000
4000
5000
6000
7000
8000
Time in Day
Number at risk: n (%)
335 (100) 127 (38) 62 (19) 21 (6) 3 (1) 0 (0) 0 (0) 0 (0) 0 (0)
645 (100) 561 (87) 387 (60) 206 (32) 84 (13) 32 (5) 9 (1) 2 (0) 0 (0)
190 (100) 113 (59) 62 (33) 30 (16) 11 (6) 7 (4) 4 (2) 0 (0) 0 (0)
218 (100) 170 (78) 109 (50) 59 (27) 28 (13) 12 (6) 3 (1) 1 (0) 0 (0)
d
Test
MYCN−AMP
Subgroup1
Subgroup2
Subgroup3
Overall survival
1.00
0.75
0.50
0.25
0.00
p < 0.0001
0
1000
2000
3000
4000
5000
6000
7000
8000
Time in Day
Number at risk: n (%)
144 (100) 48 (33) 21 (15) 7 (5) 3 (2) 0 (0) 0 (0) 0 (0) 0 (0)
225 (100) 196 (87) 135 (60) 69 (31) 36 (16) 12 (5) 5 (2) 1 (0) 0 (0)
67 (100) 40 (60) 22 (33) 14 (21) 5 (7) 3 (4) 2 (3) 0 (0) 0 (0)
102 (100) 78 (76) 45 (44) 22 (22) 7 (7) 1 (1) 0 (0) 0 (0) 0 (0)
e
Hazard ratio
Risk
Low risk (N=251) reference
High risk (N=65) 4.5 (1.9 − 11) <0.001
Subgroup
Subgroup1 (N=189) reference
Subgroup2 (N=56) 24.4 (5.0 − 120) <0.001
Subgroup3 (N=71) 9.7 (2.0 − 46) 0.004
Events: 40; Global p−value (Log−Rank): 9.1726e−22
AIC: 343.93; Concordance Index: 0.9
1
5
10
20
50
100
200
f
Reference
Risk
Subgroup
Prediction error
0.15
0.10
0.05
0.00
0
500
1000
1500
2000
2500
3000
Days