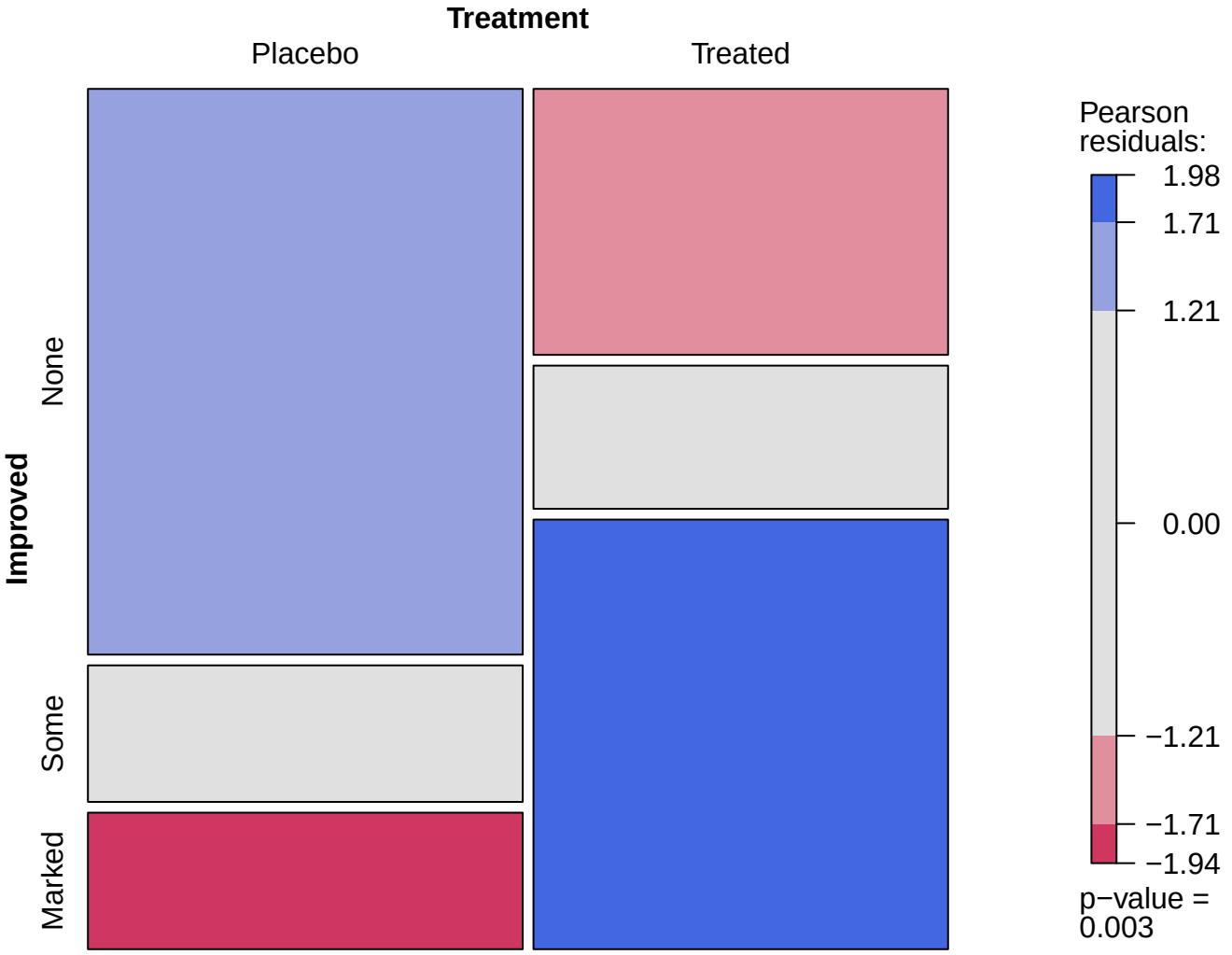
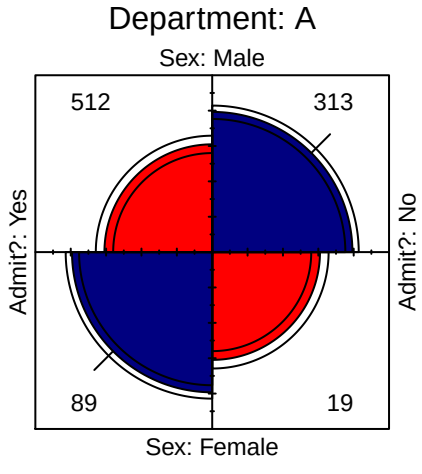
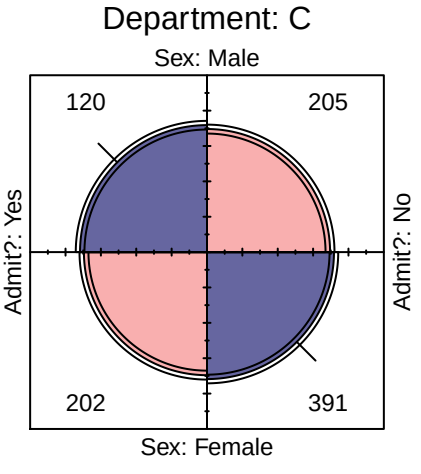
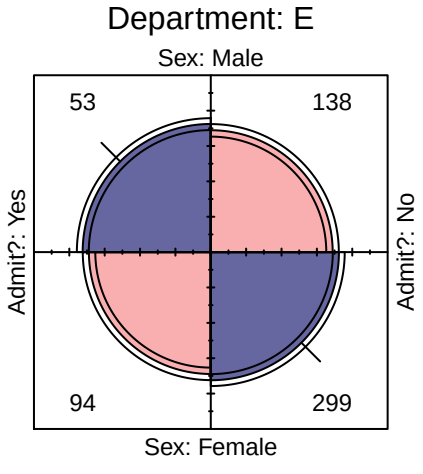
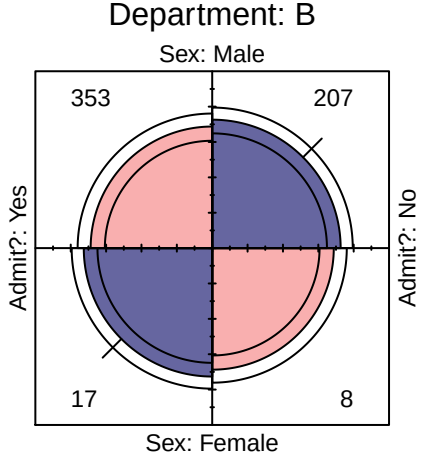
Arthritis: [Treatment] [Improved]

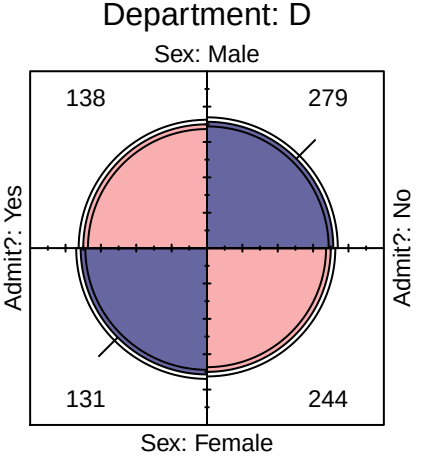


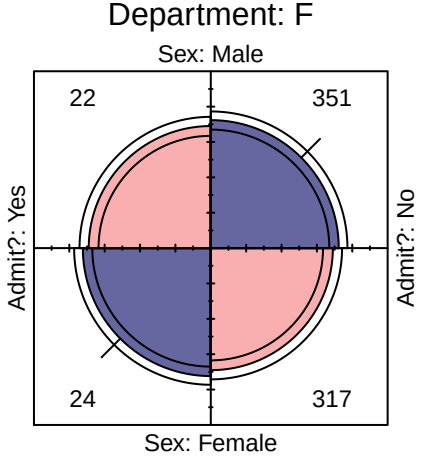

Department: A
Sex: Male
512
313
89
19
Admit?: Yes
Admit?: No
Sex: Female

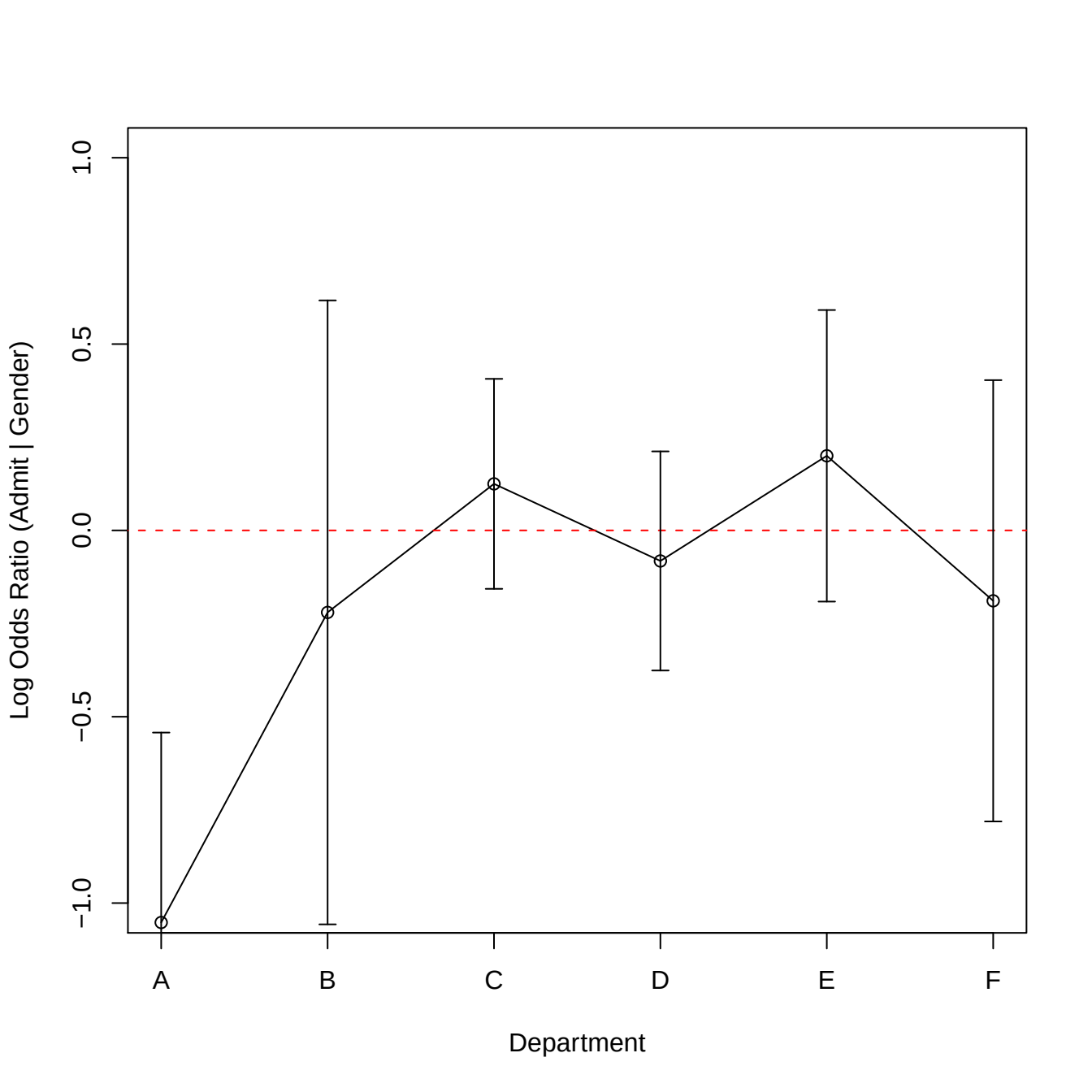

Department: C
Sex: Male
120
205
202
391
Admit?: Yes
Admit?: No
Sex: Female


Department: E
Sex: Male
53
138
94
299
Admit?: Yes
Admit?: No
Sex: Female

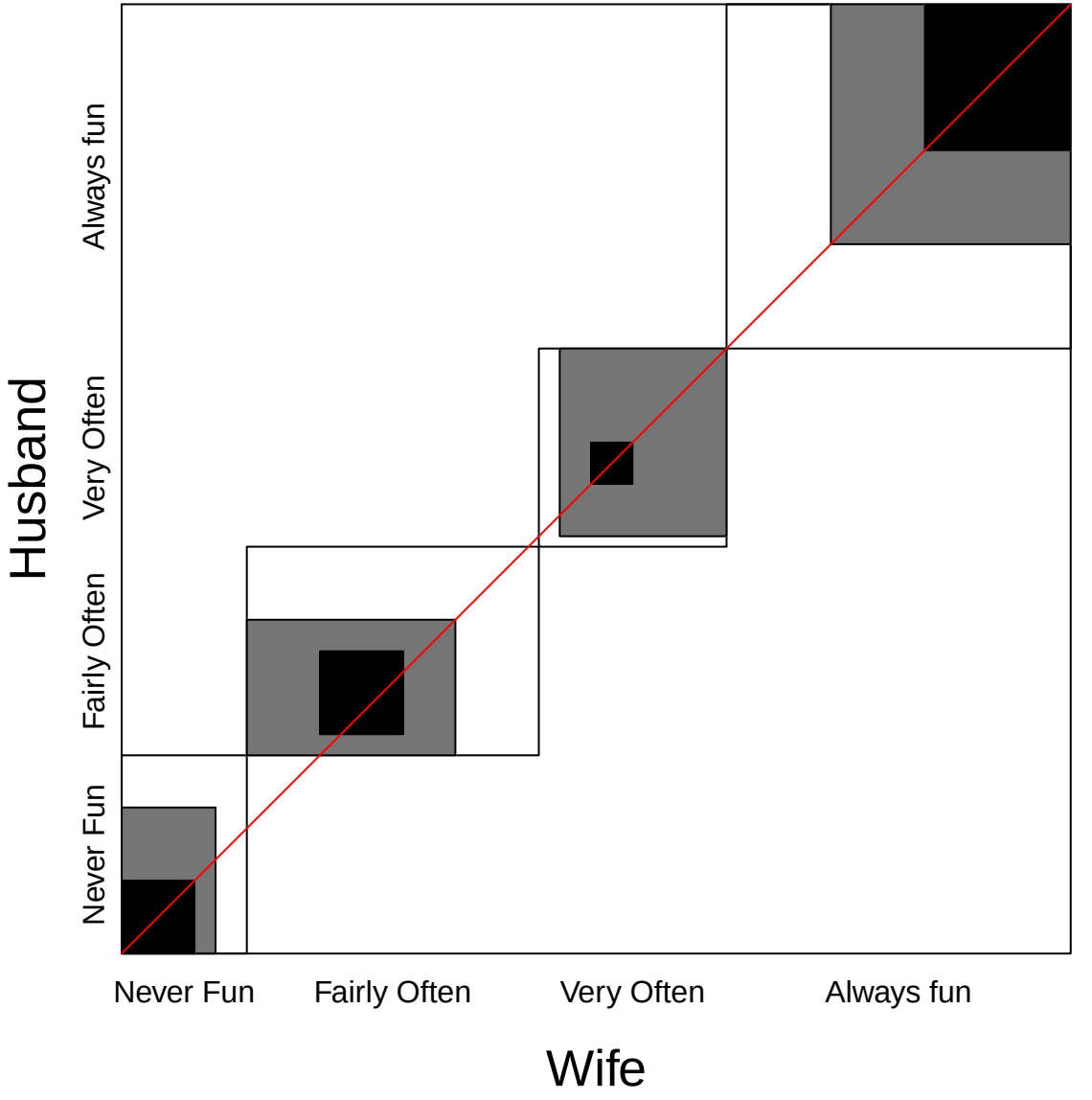

Department: B
Sex: Male
353
207
17
8
Admit?: Yes
Admit?: No
Sex: Female

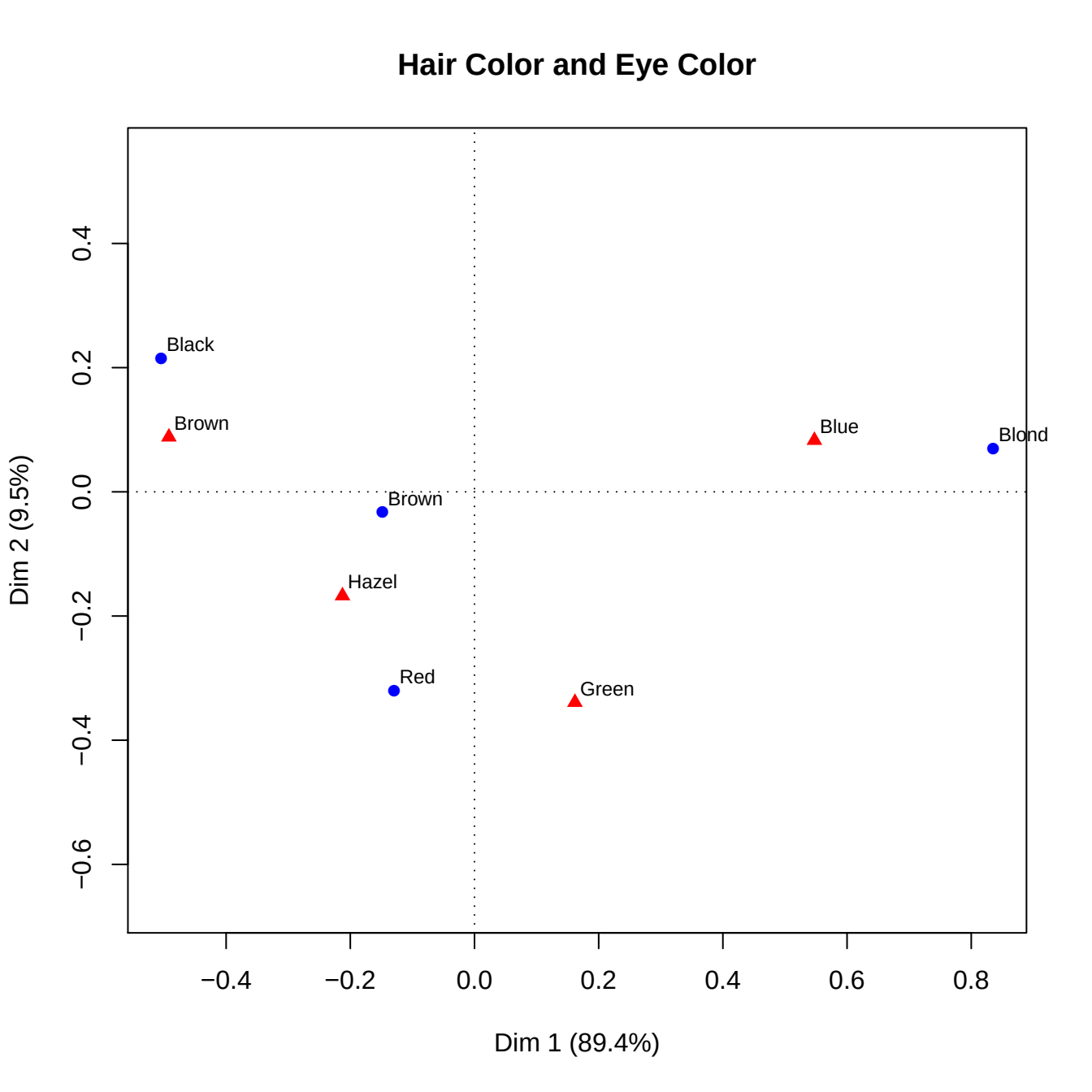

Department: D
Sex: Male
138
279
131
244
Admit?: Yes
Admit?: No
Sex: Female


Department: F
Sex: Male
22
351
24
317
Admit?: Yes
Admit?: No
Sex: Female

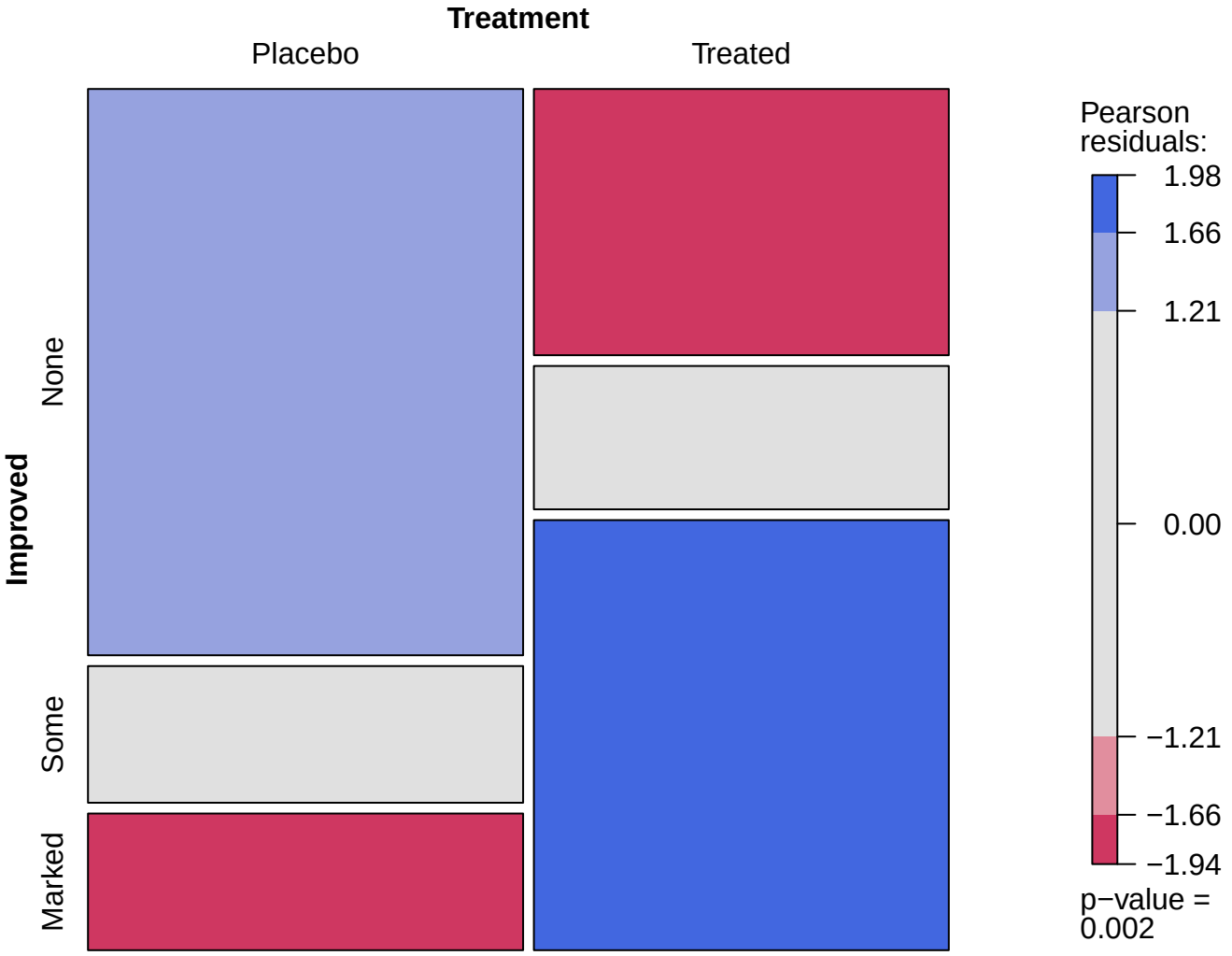

Log Odds Ratio (Admit | Gender)
1.0
0.5
0.0
−0.5
−1.0
A
B
C
D
E
F
Department

Is sex fun?

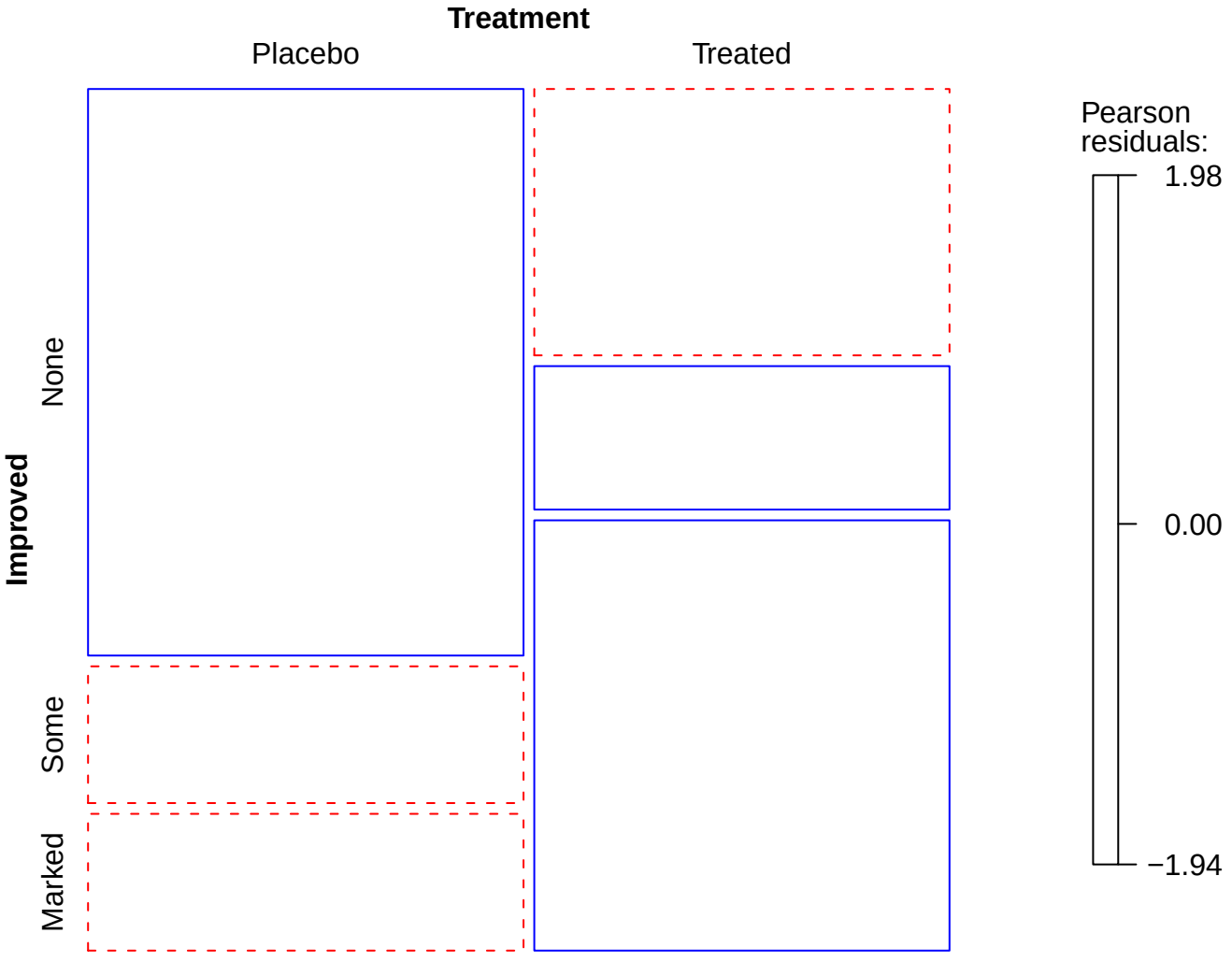

Husband
Never Fun
Fairly Often
Very Often
Always fun
Never Fun
Fairly Often
Very Often
Always fun
Wife

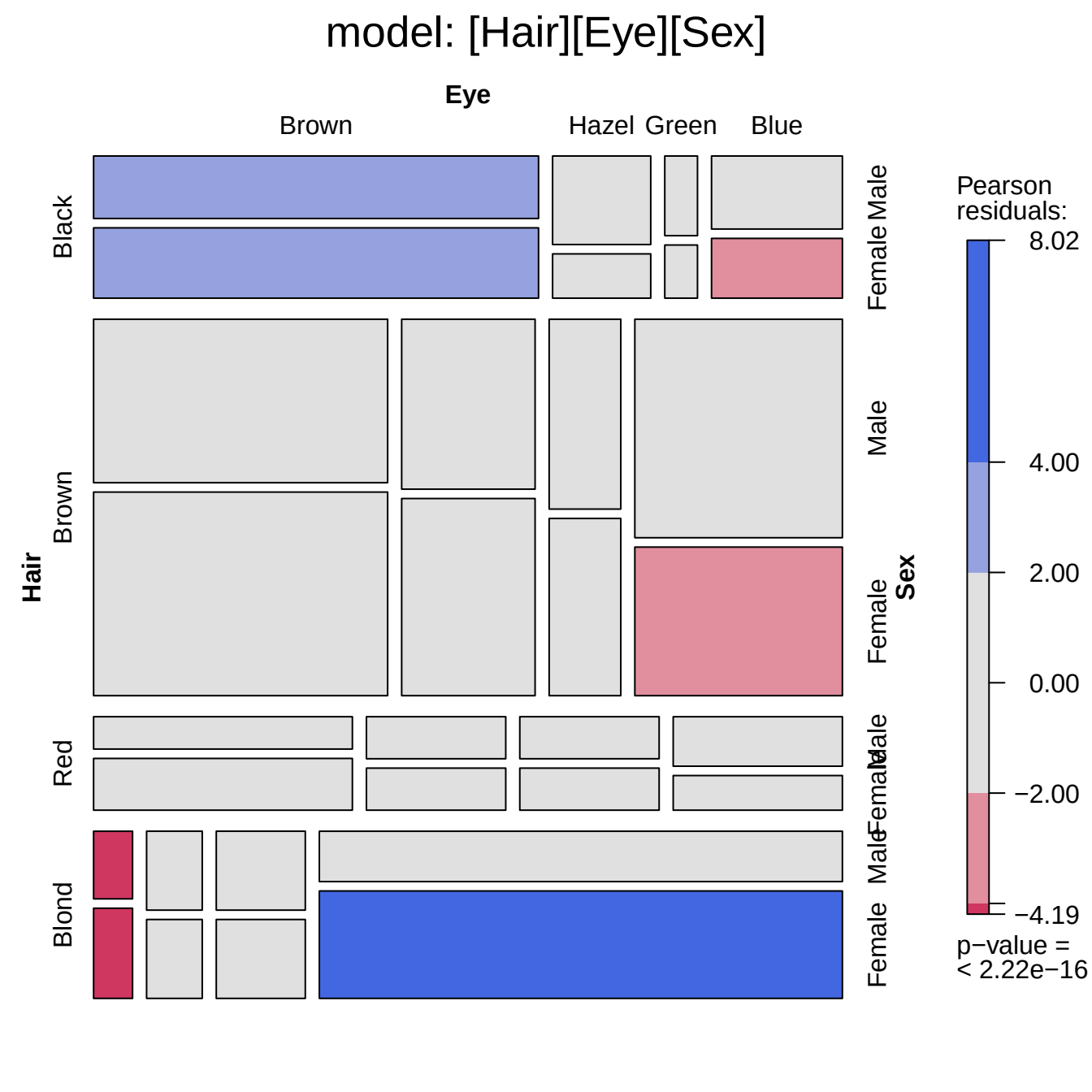

Hair Color and Eye Color
Black
Brown
Brown
Hazel
Red
Blue
Blond
Green
Dim 1 (89.4%)
Dim 2 (9.5%)
−0.4
−0.2
0.0
0.2
0.4
0.6
0.8
0.4
0.2
0.0
−0.2
−0.4
−0.6

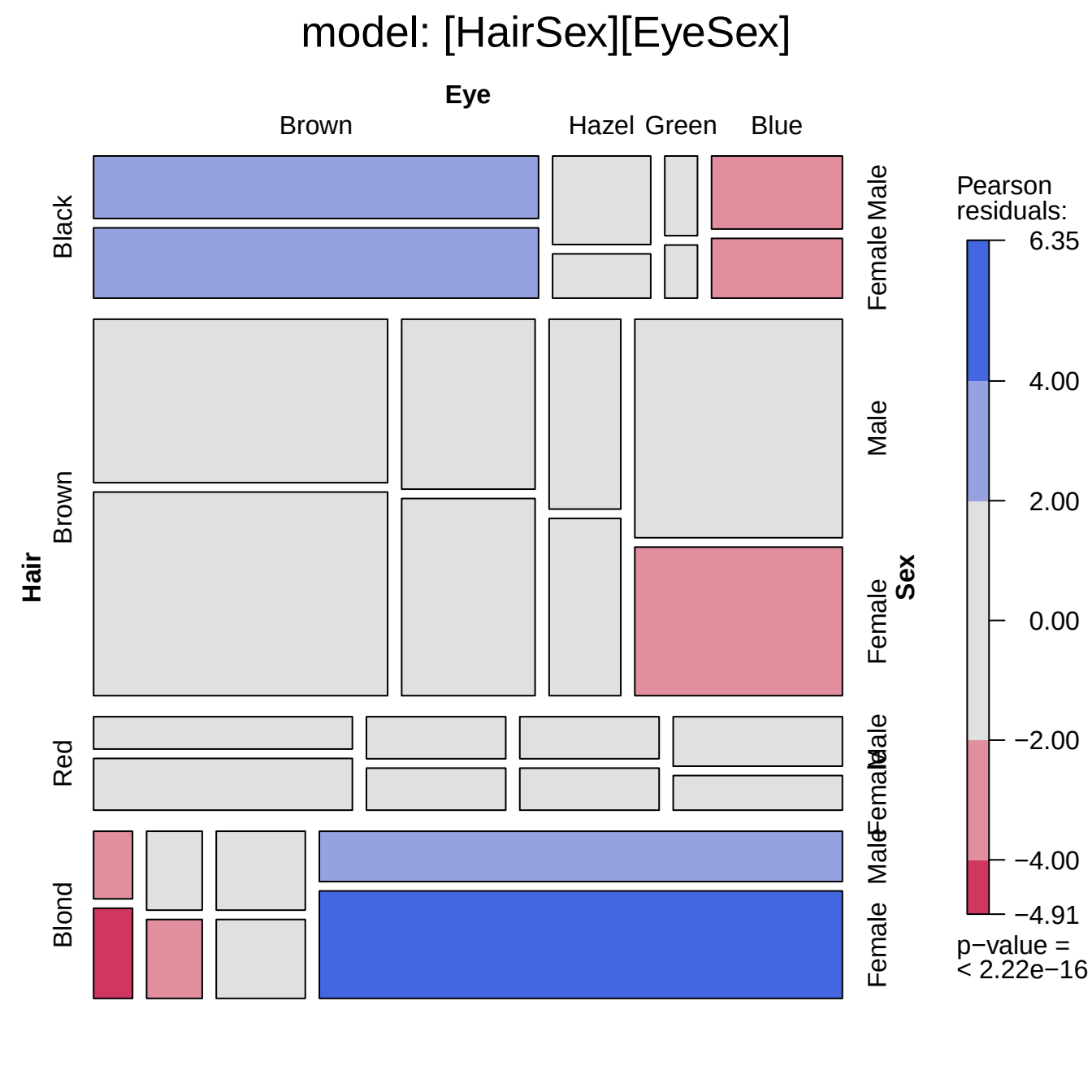
Arthritis: gp = shading_max

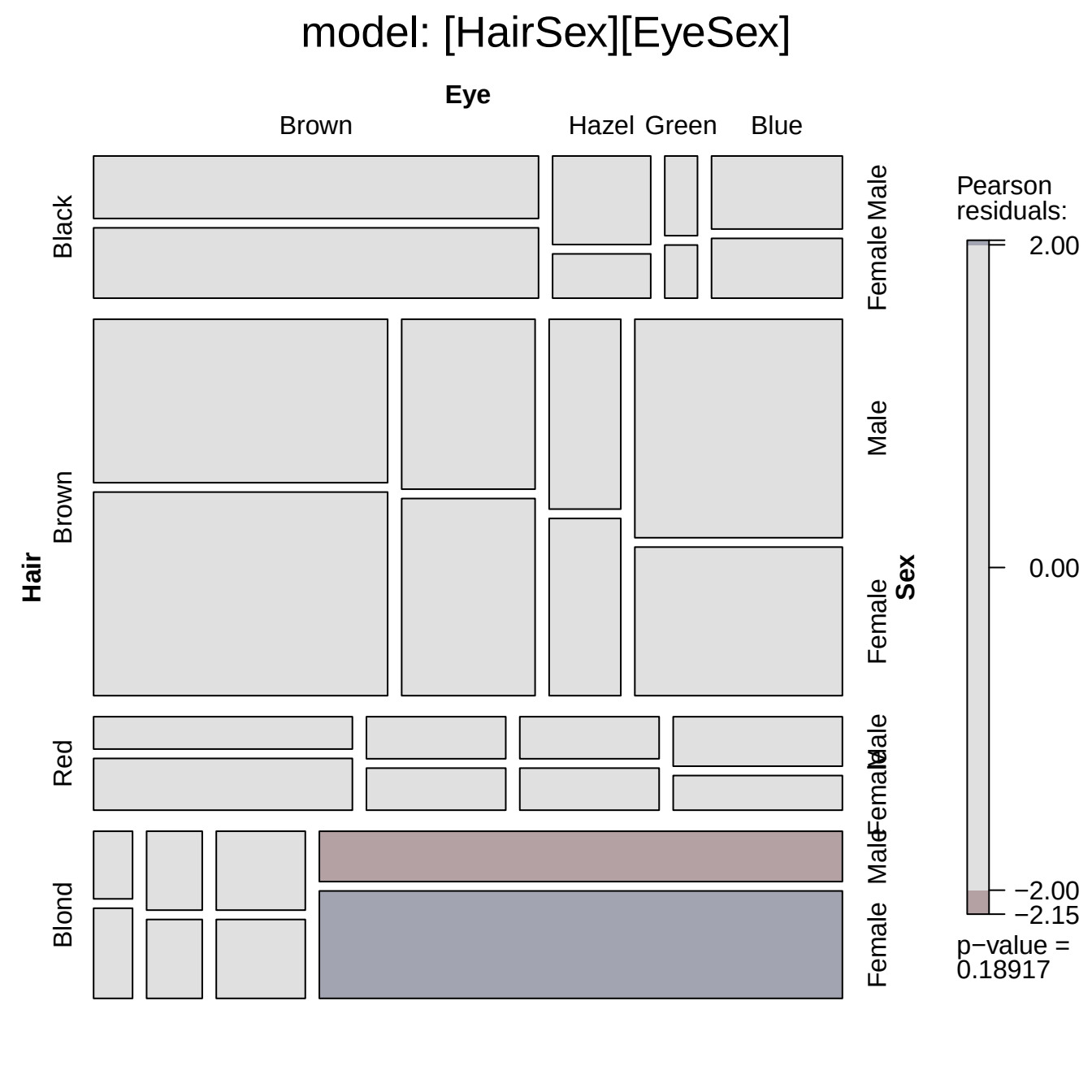


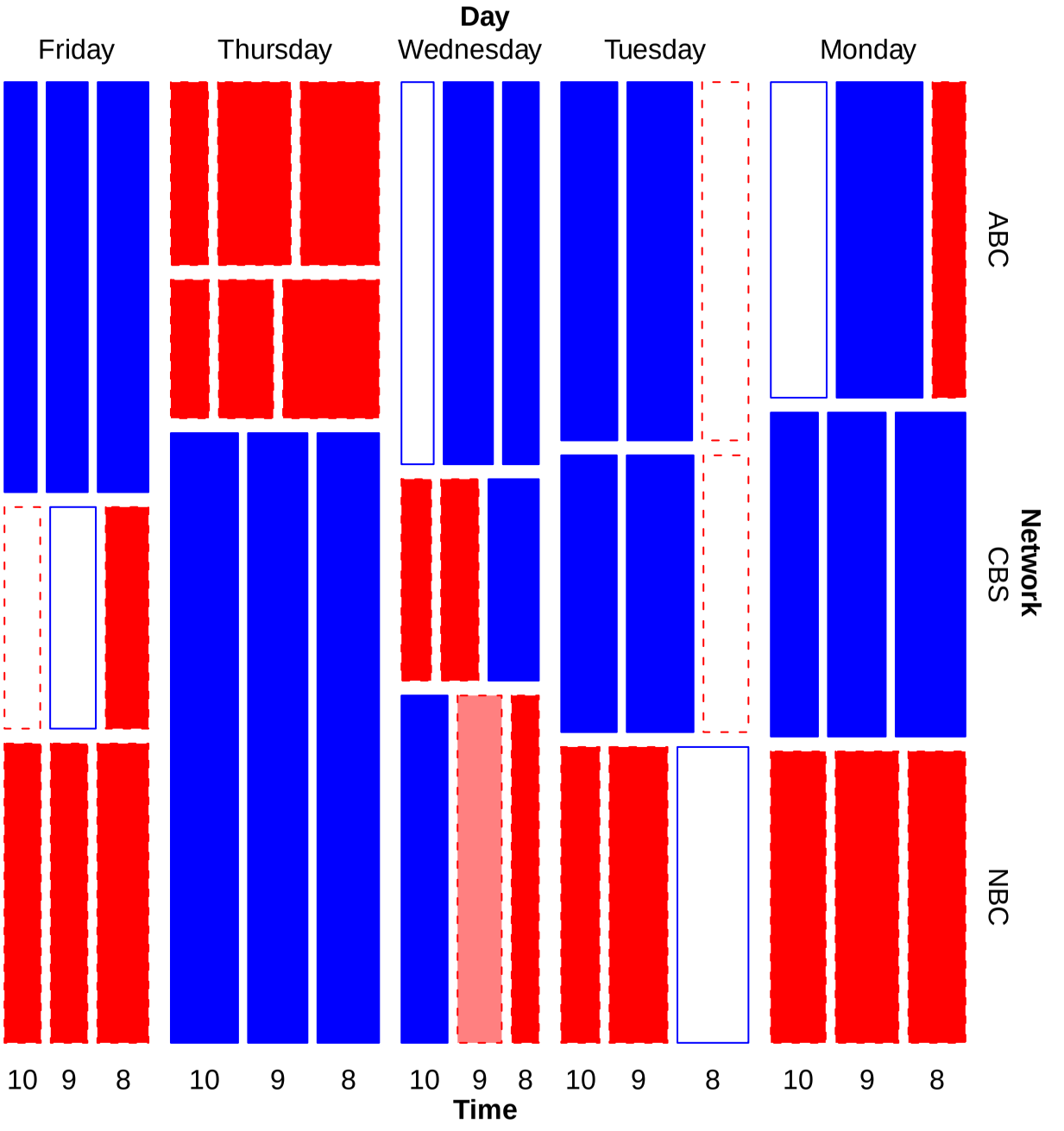
Arthritis: gp = shading_Friendly



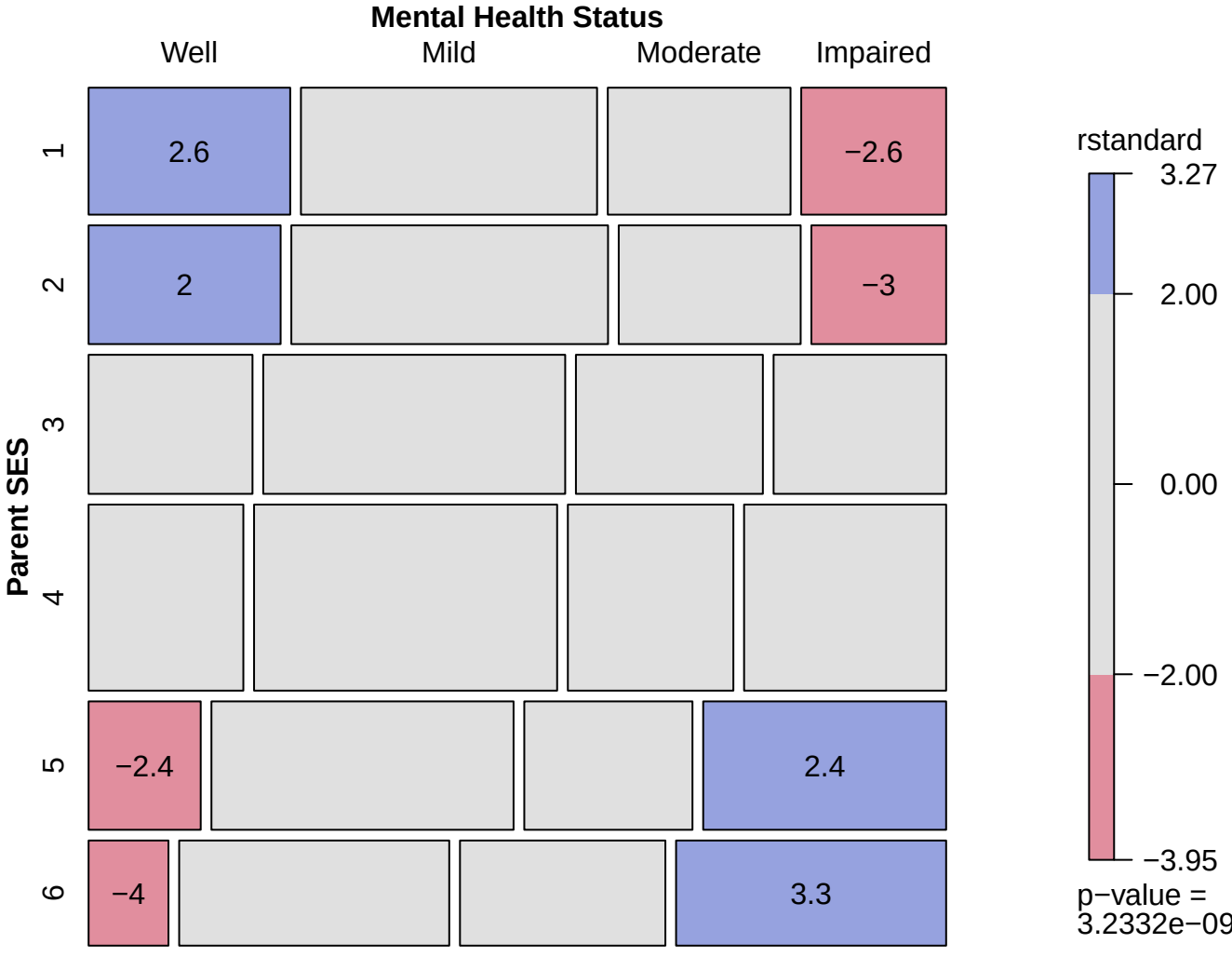

model: [Hair][Eye][Sex]
Eye
Brown
Hazel
Green
Blue
Hair
Black
Brown
Red
Blond
Sex
Male
Female
Pearson residuals:
8.02
4.00
2.00
0.00
−2.00
−4.19
p−value = < 2.22e−16


model: [HairSex][EyeSex]
Eye
Brown
Hazel
Green
Blue
Hair
Black
Brown
Red
Blond
Sex
Female
Male
Pearson residuals:
6.35
4.00
2.00
0.00
−2.00
−4.00
−4.91
p−value =
< 2.22e−16

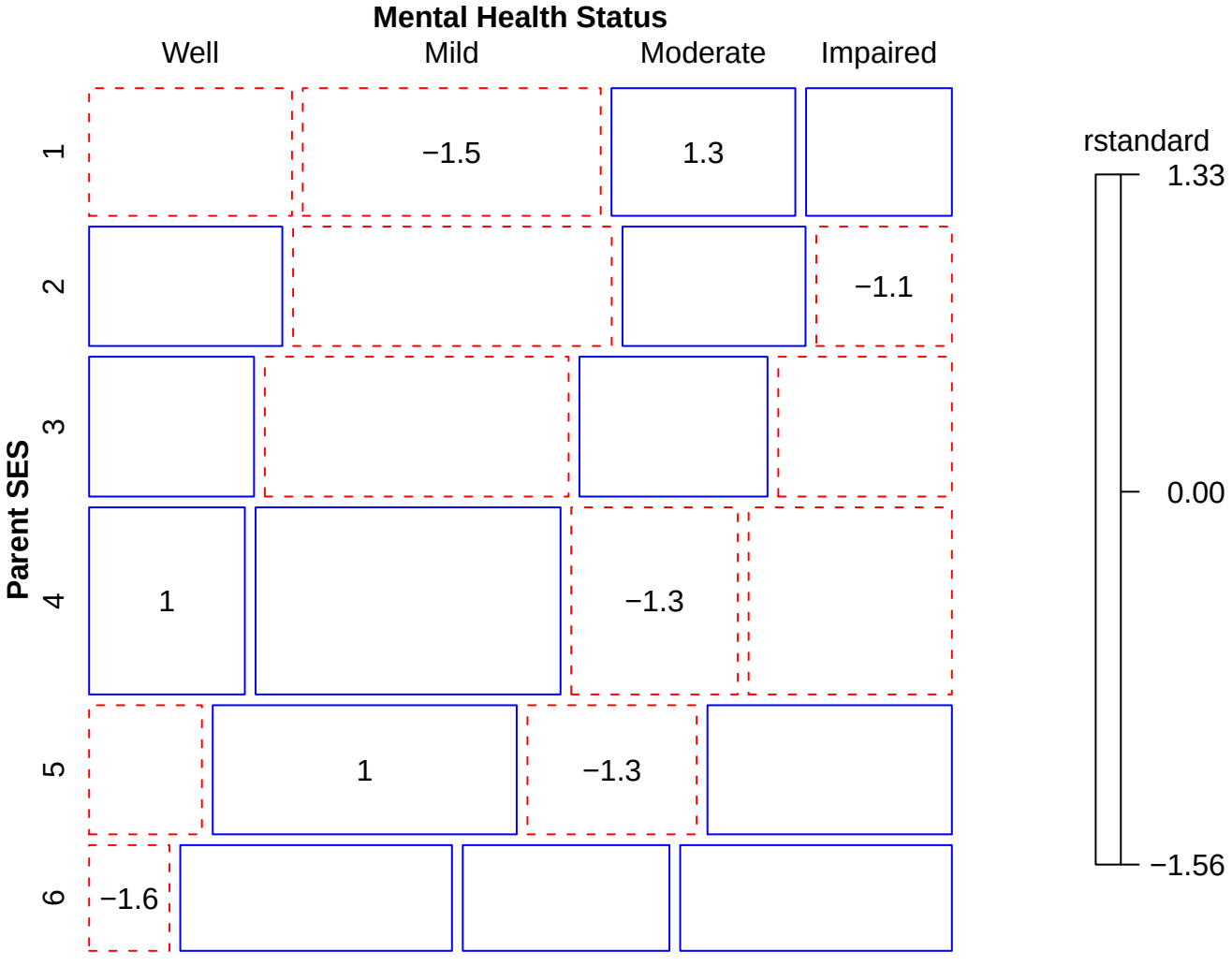

model: [HairSex][EyeSex]
Eye
Brown
Hazel
Green
Blue
Hair
Black
Brown
Red
Blond
Sex
Female
Male
Pearson residuals:
2.00
0.00
−2.00
−2.15
p−value = 0.18917

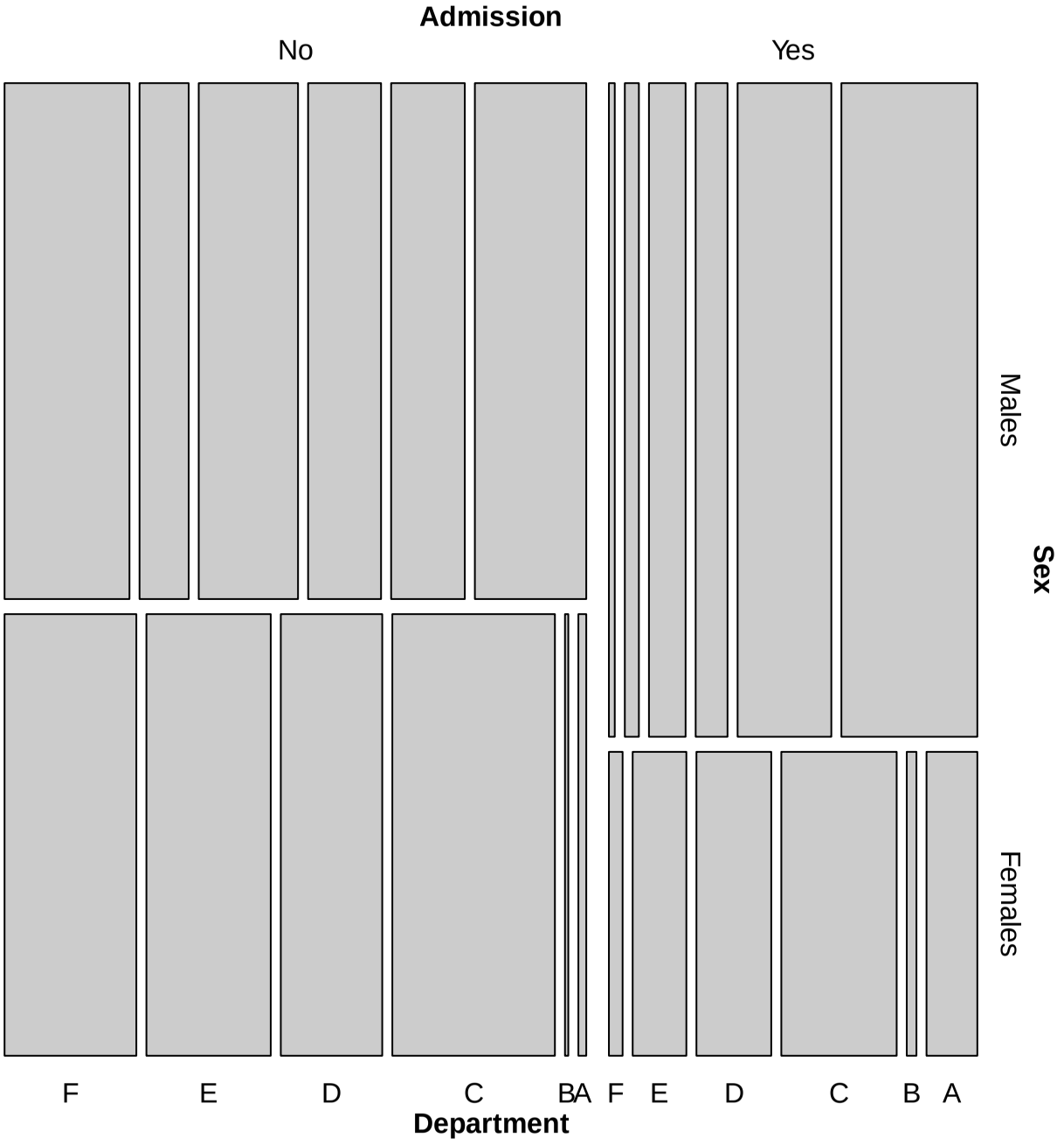

Day
Friday
Thursday
Wednesday
Tuesday
Monday
ABC
CBS
NBC
Network
10
9
8
Time

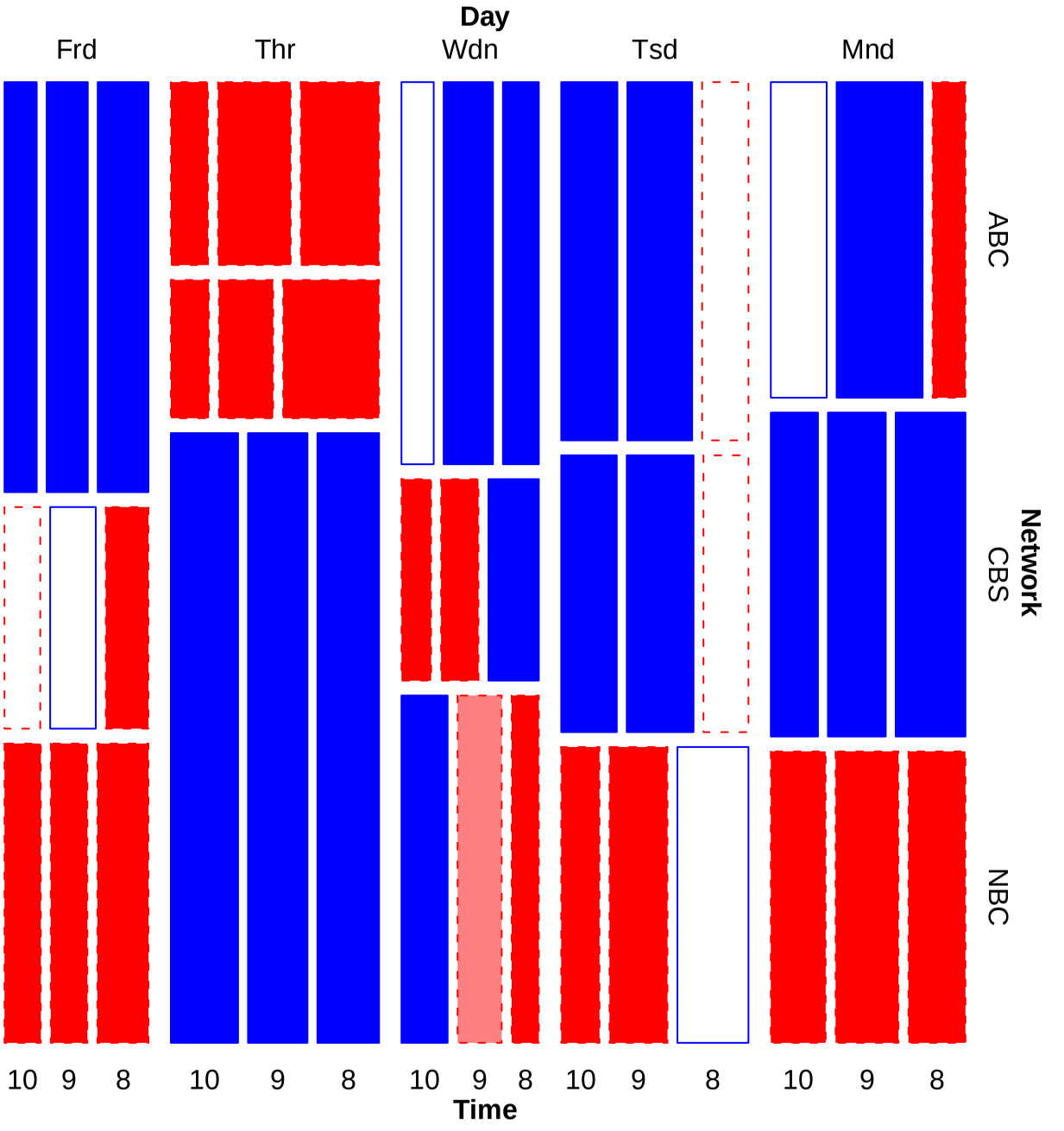
Mental health data: Independence

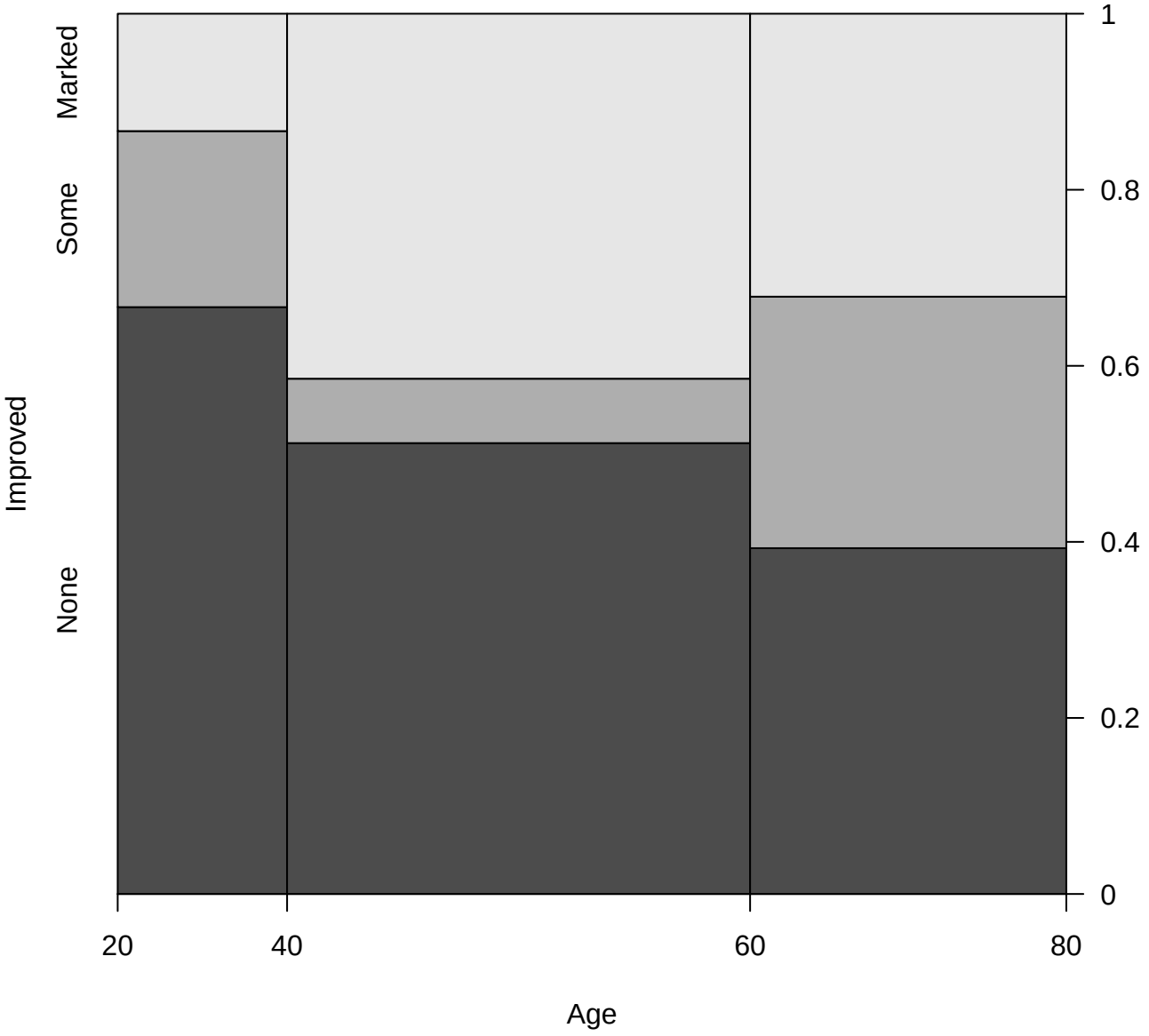


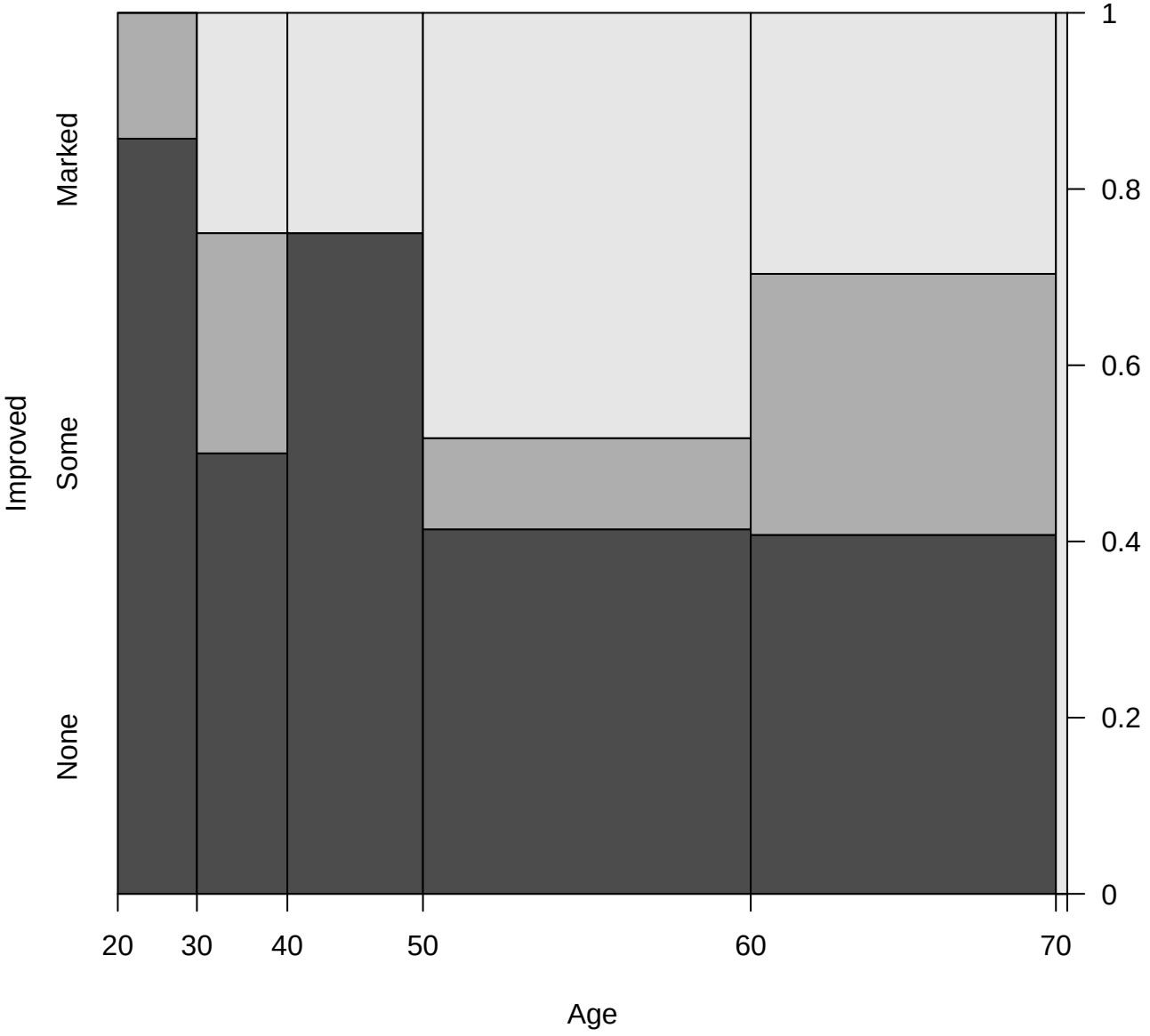
Mental health data: Linear x Linear

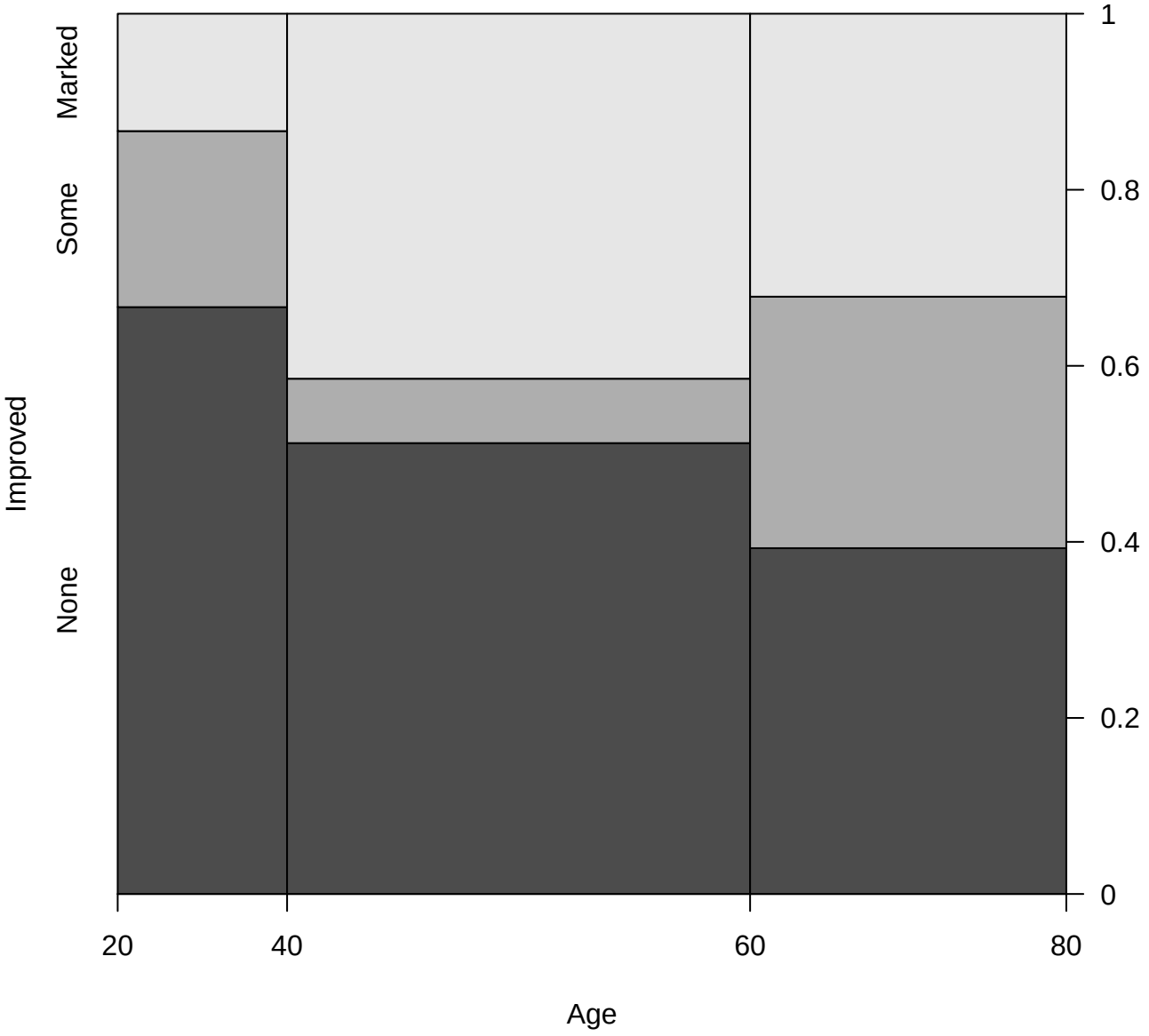


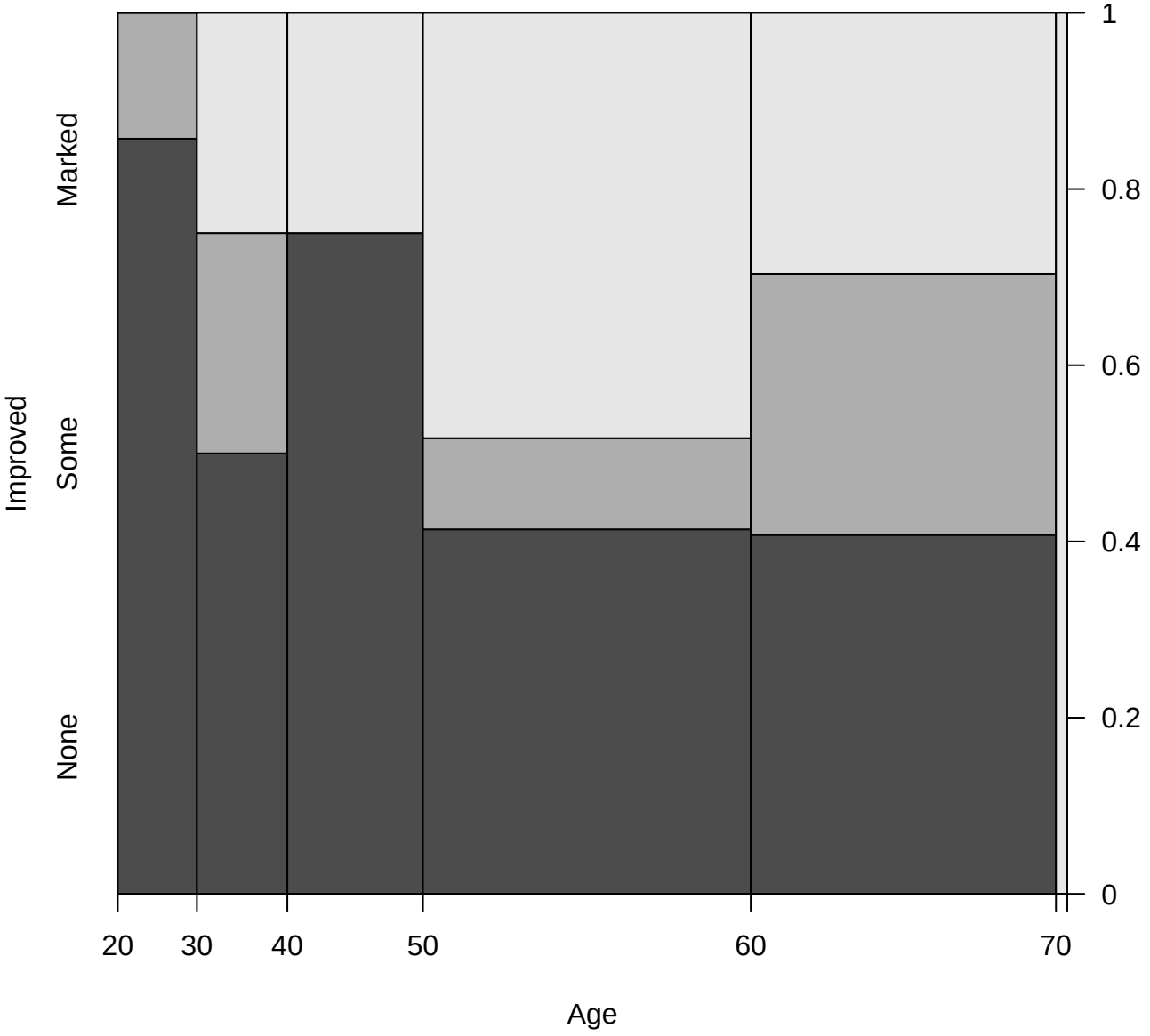

Admission
No
Yes
Males
Females
Sex
F
E
D
C
B
A
F
E
D
C
B
A
Department

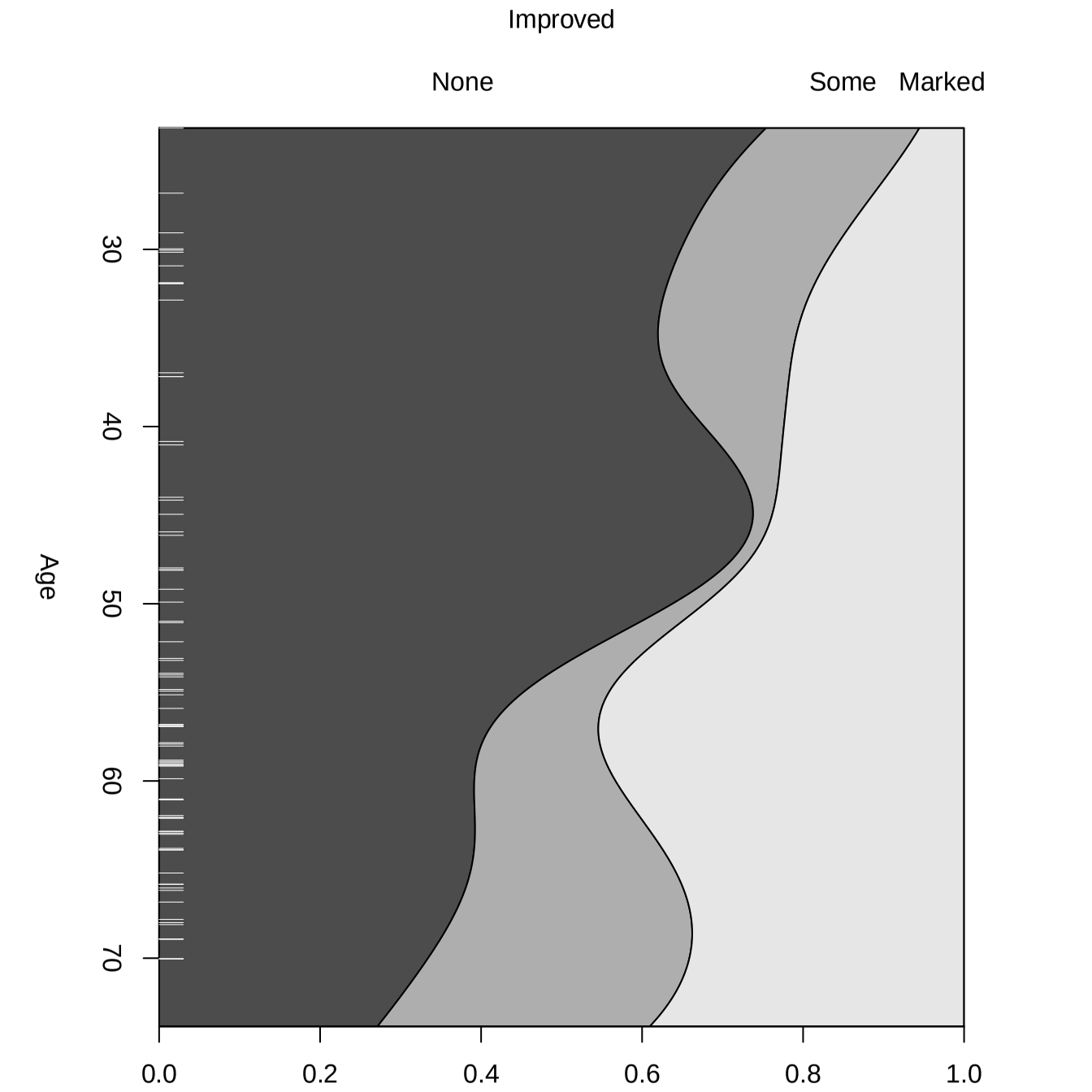

Day
Frd
Thr
Wdn
Tsd
Mnd
ABC
CBS
NBC
Network
10
9
8
Time

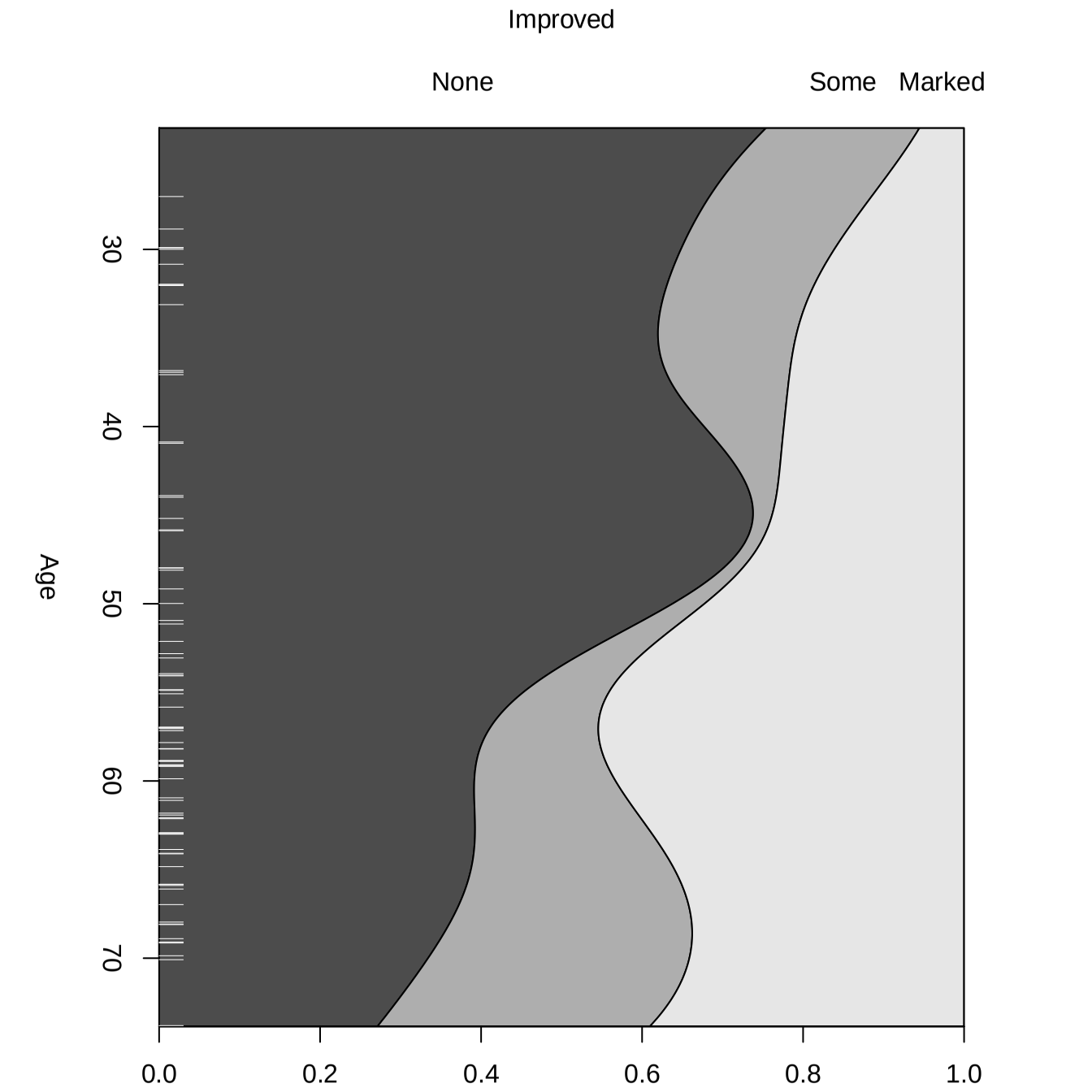

Improved
Marked
Some
None
1
0.8
0.6
0.4
0.2
0
20
40
60
80
Age


Improved
Marked
Some
None
1
0.8
0.6
0.4
0.2
0
20
30
40
50
60
70
Age


Improved
Marked
Some
None
1
0.8
0.6
0.4
0.2
0
20
40
60
80
Age


Improved
Marked
Some
None
1
0.8
0.6
0.4
0.2
0
20
30
40
50
60
70
Age


Improved
None
Some
Marked
Age
30
40
50
60
70
0.0
0.2
0.4
0.6
0.8
1.0


Improved
None
Some
Marked
Age
30
40
50
60
70
0.0
0.2
0.4
0.6
0.8
1.0