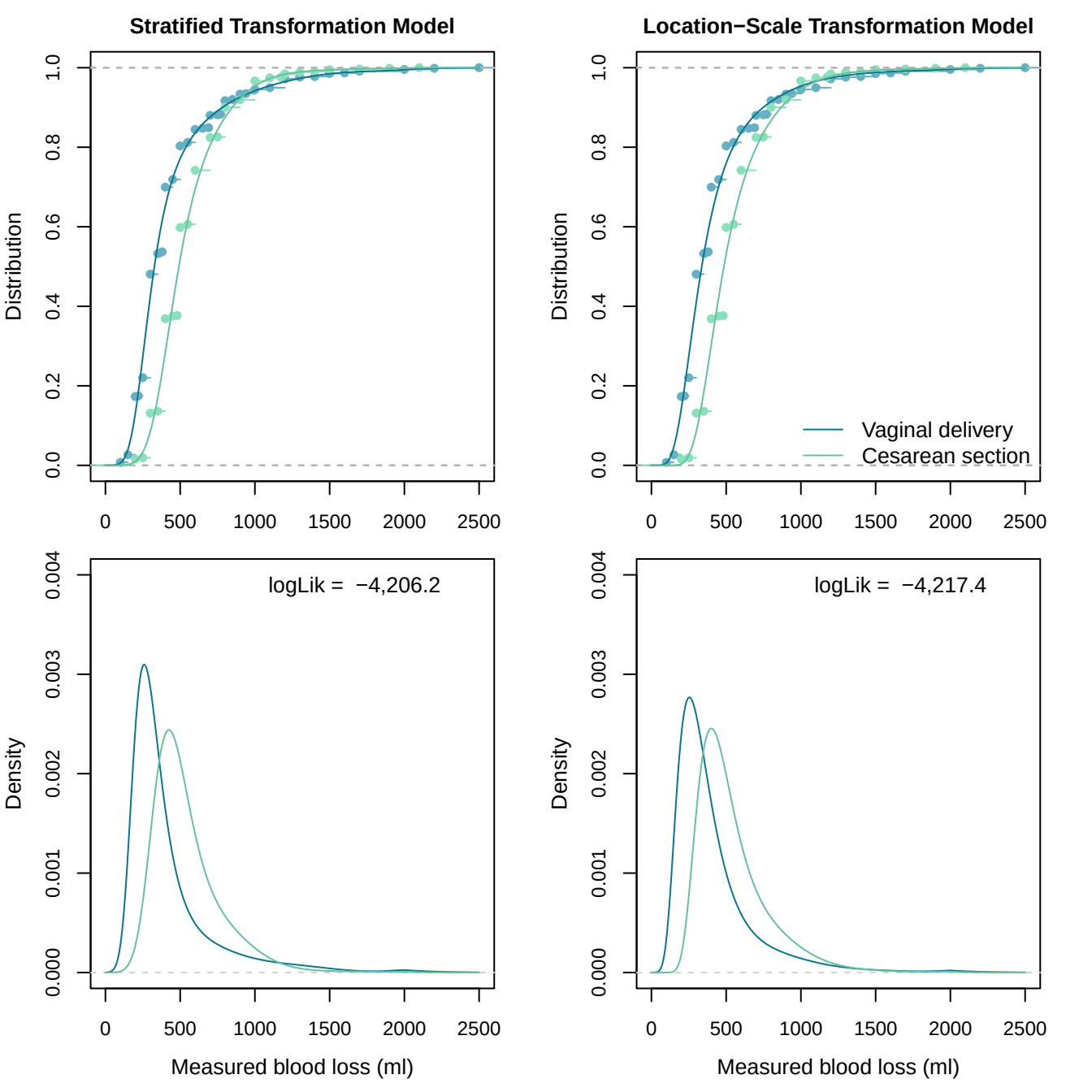
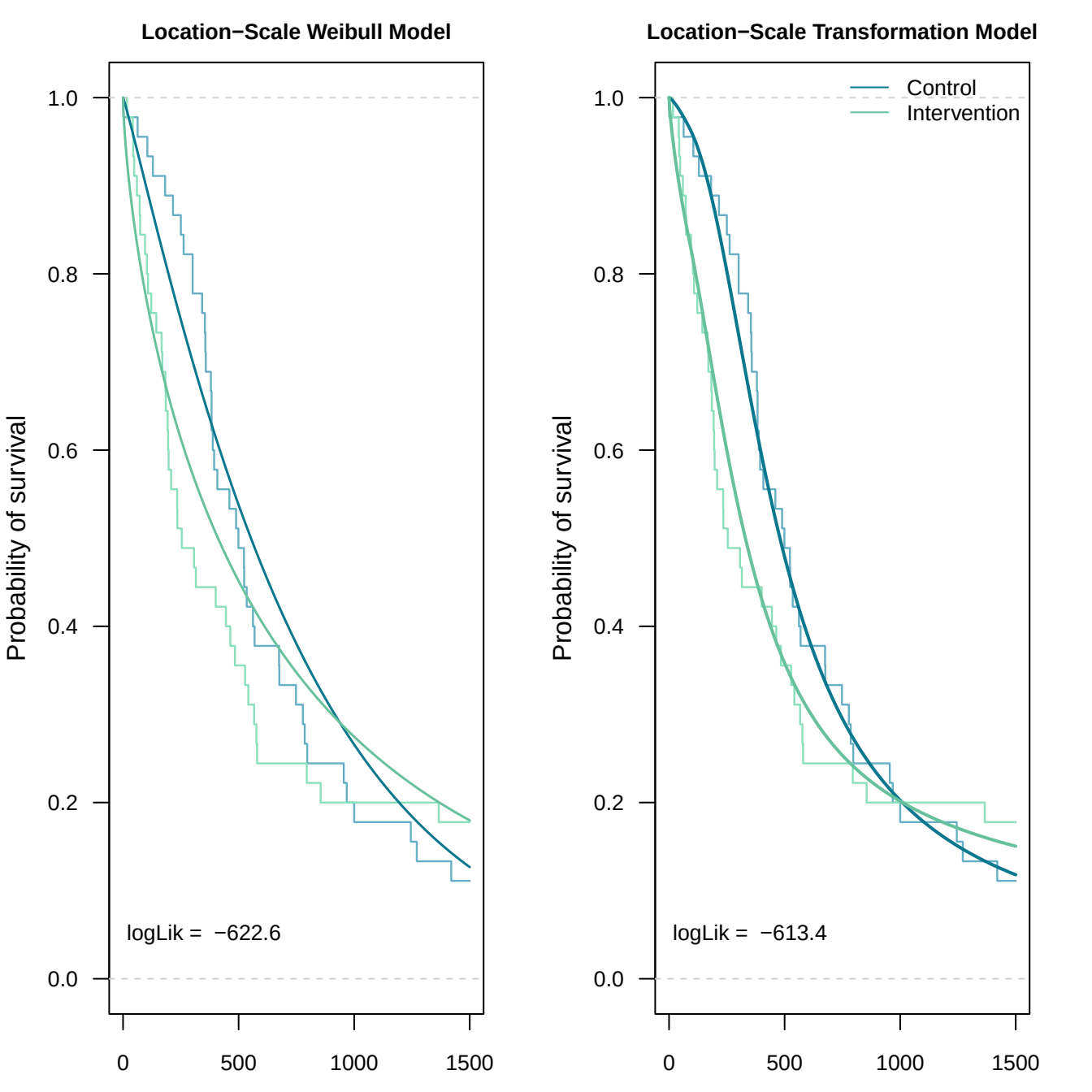
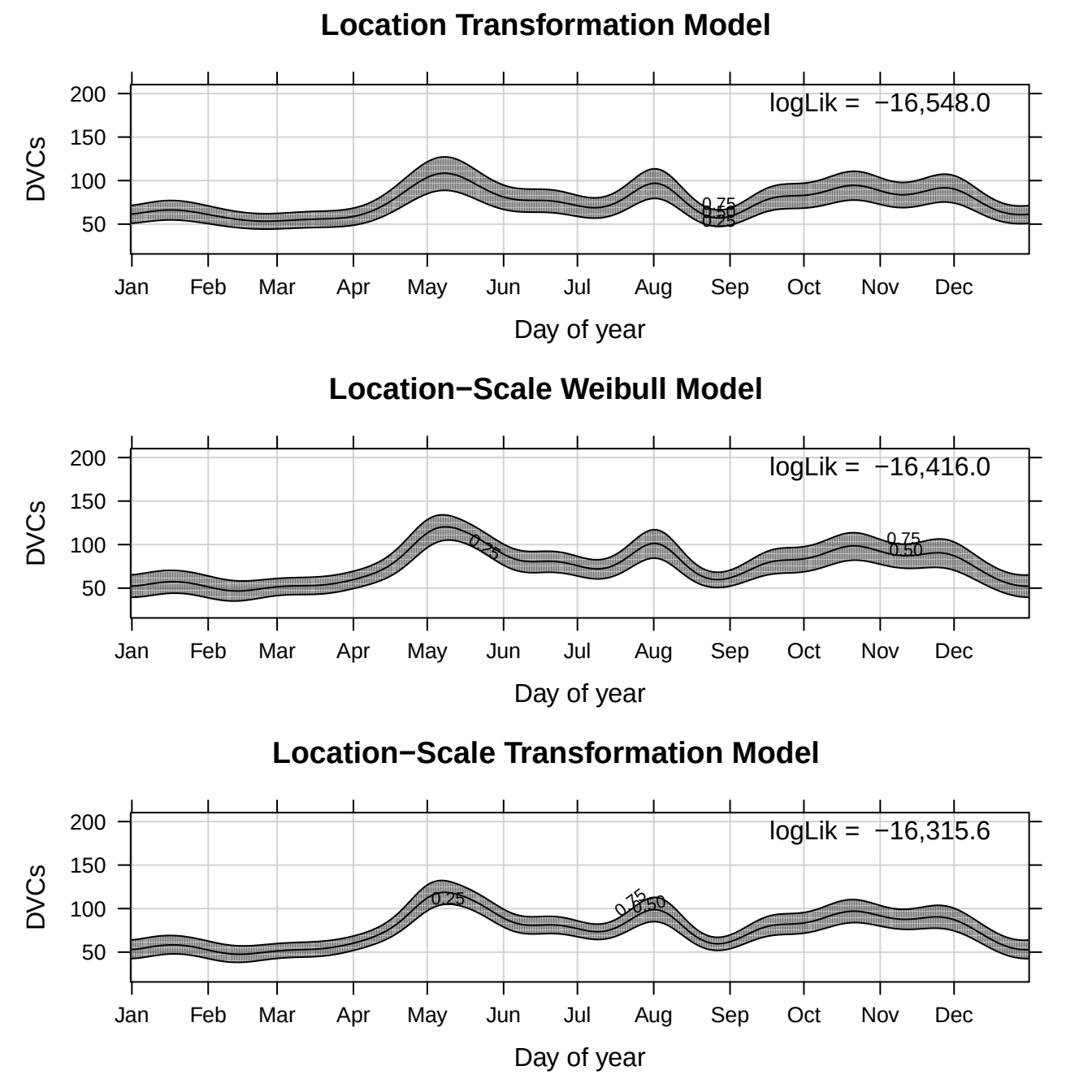
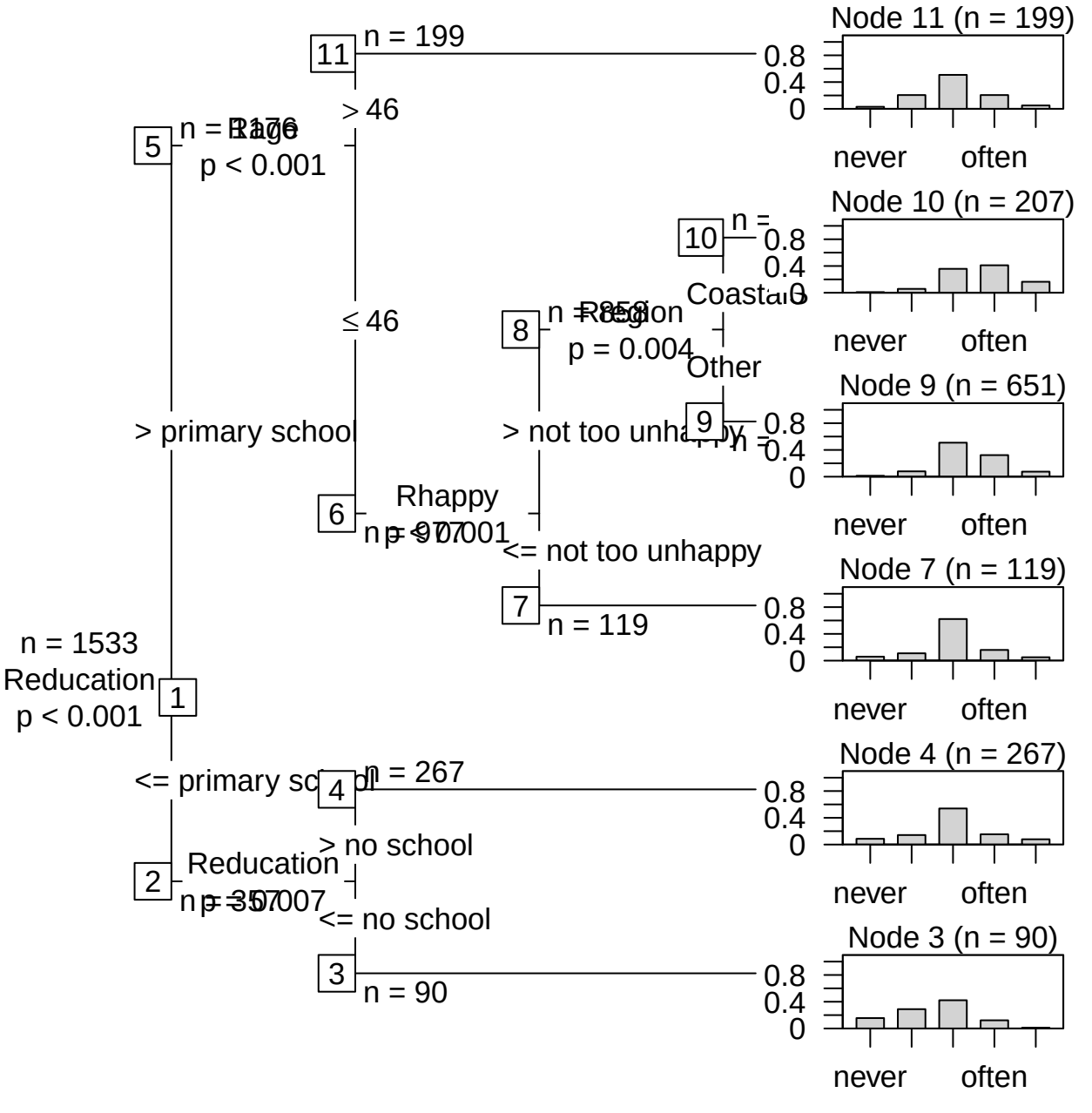
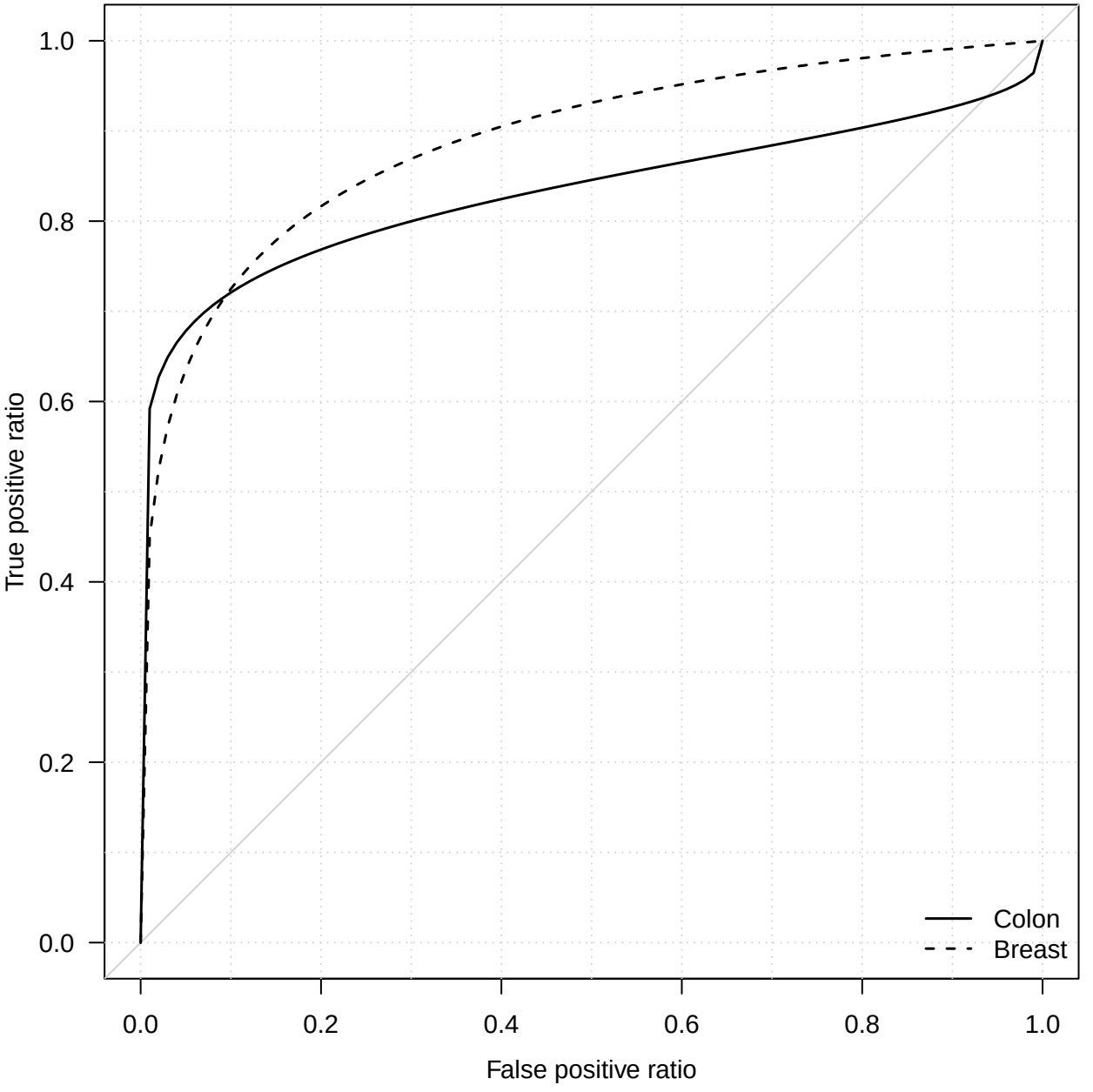

Stratified Transformation Model
Location−Scale Transformation Model
Distribution
Density
Measured blood loss (ml)
logLik = −4,206.2
logLik = −4,217.4
Vaginal delivery
Cesarean section
0.0
0.2
0.4
0.6
0.8
1.0
0.000
0.001
0.002
0.003
0.004
0
500
1000
1500
2000
2500


Location−Scale Weibull Model
Location−Scale Transformation Model
Control
Intervention
Probability of survival
1.0
0.8
0.6
0.4
0.2
0.0
0
500
1000
1500
logLik = −622.6
logLik = −613.4


Location Transformation Model
logLik = −16,548.0
0.75
0.50
0.25
DVCs
200
150
100
50
Jan
Feb
Mar
Apr
May
Jun
Jul
Aug
Sep
Oct
Nov
Dec
Day of year
Location−Scale Weibull Model
logLik = −16,416.0
0.25
0.75
0.50
DVCs
200
150
100
50
Jan
Feb
Mar
Apr
May
Jun
Jul
Aug
Sep
Oct
Nov
Dec
Day of year
Location−Scale Transformation Model
logLik = −16,315.6
0.25
0.75
0.50
DVCs
200
150
100
50
Jan
Feb
Mar
Apr
May
Jun
Jul
Aug
Sep
Oct
Nov
Dec
Day of year


n = 1533
Reducation
p < 0.001
1
<= primary school
> primary school
2
Reducation
p = 0.007
<= no school
> no school
3
n = 90
4
n = 267
5
p < 0.001
6
p = 0.007
11
n = 199
> 46
≤ 46
8
p = 0.004
<= not too unhappy
> not too unhappy
7
n = 119
9
n = 651
10
n = 207
Coastal
Other
Node 3 (n = 90)
Node 4 (n = 267)
Node 7 (n = 119)
Node 9 (n = 651)
Node 10 (n = 207)
Node 11 (n = 199)
0.8
0.4
0
never
often


True positive ratio
False positive ratio
0.0
0.2
0.4
0.6
0.8
1.0
Colon
Breast