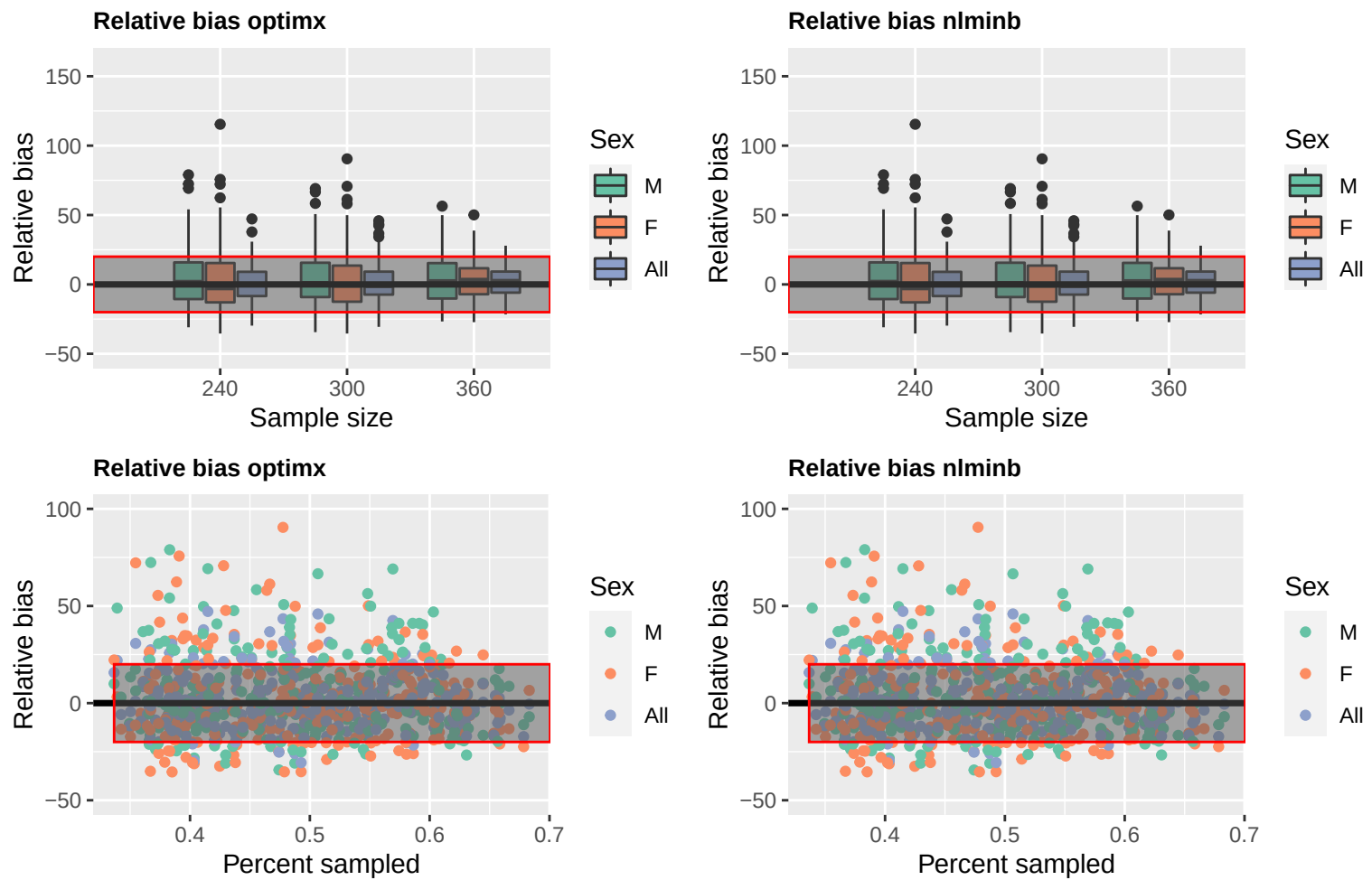
optimx median relative bias on top;
nlminb median relative bias on bottom

```
`summarise()` regrouping output by 'Sex' (override with `.groups` argument)
# A tibble: 9 x 3
# Groups:   Sex [3]
  Sex   Total_samples `median(Relative_bias)`
  <fct>         <dbl>                   <dbl>
1 M               240                    1.45
2 M               300                    0.6
3 M               360                    1.95
4 F               240                   -2.4
5 F               300                   -0.55
6 F               360                    2.95
7 All             240                   -0.25
8 All             300                   -0.8
9 All             360                    2.15
> IBS.null_Lemon_nlminb.df %>% group_by(Sex, Total_samples) %>% summarize(median(Relative_bia
s))
`summarise()` regrouping output by 'Sex' (override with `.groups` argument)
# A tibble: 9 x 3
# Groups:   Sex [3]
  Sex   Total_samples `median(Relative_bias)`
  <fct>         <dbl>                   <dbl>
1 M               240                    1.5
2 M               300                    0.6
3 M               360                    1.95
4 F               240                   -2.4
5 F               300                   -0.55
6 F               360                    2.95
7 All             240                   -0.25
8 All             300                   -0.8
9 All             360                    2.15
```


Relative bias optimx
Relative bias
150
100
50
0
−50
240
300
360
Sample size
Sex
M
F
All
Relative bias nlminb
Relative bias
150
100
50
0
−50
240
300
360
Sample size
Sex
M
F
All
Relative bias optimx
Relative bias
100
50
0
−50
0.4
0.5
0.6
0.7
Percent sampled
Sex
M
F
All
Relative bias nlminb
Relative bias
100
50
0
−50
0.4
0.5
0.6
0.7
Percent sampled
Sex
M
F
All