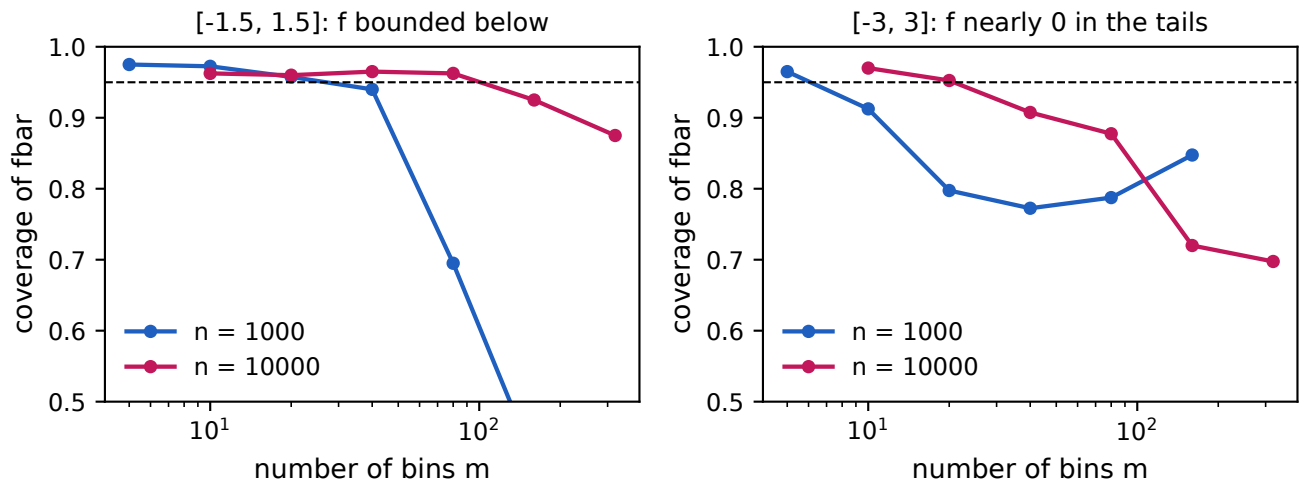

[-1.5, 1.5]: f bounded below
[-3, 3]: f nearly 0 in the tails
coverage of fbar
number of bins m
n = 1000
n = 10000
1.0
0.9
0.8
0.7
0.6
0.5
10^1
10^2