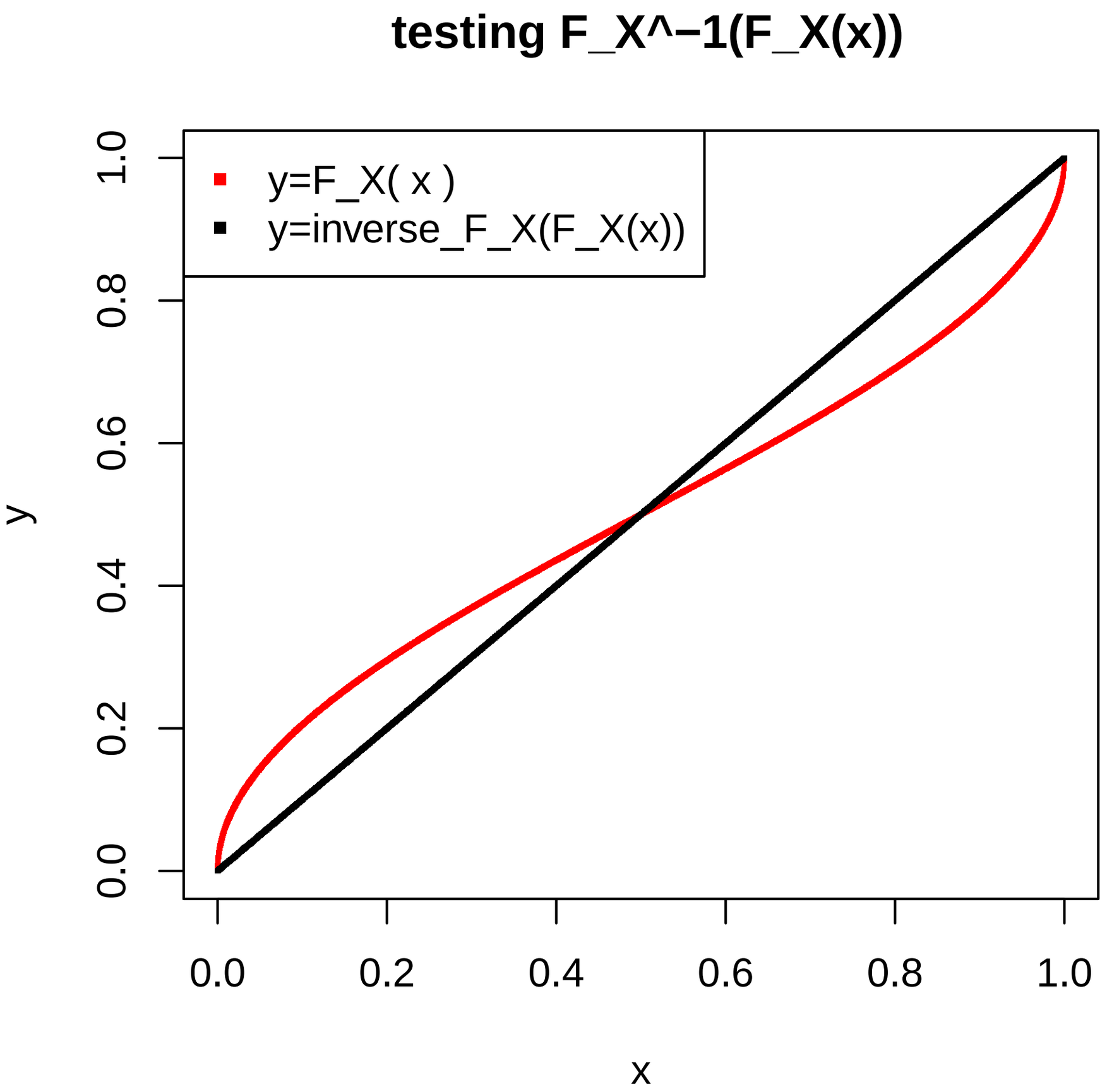
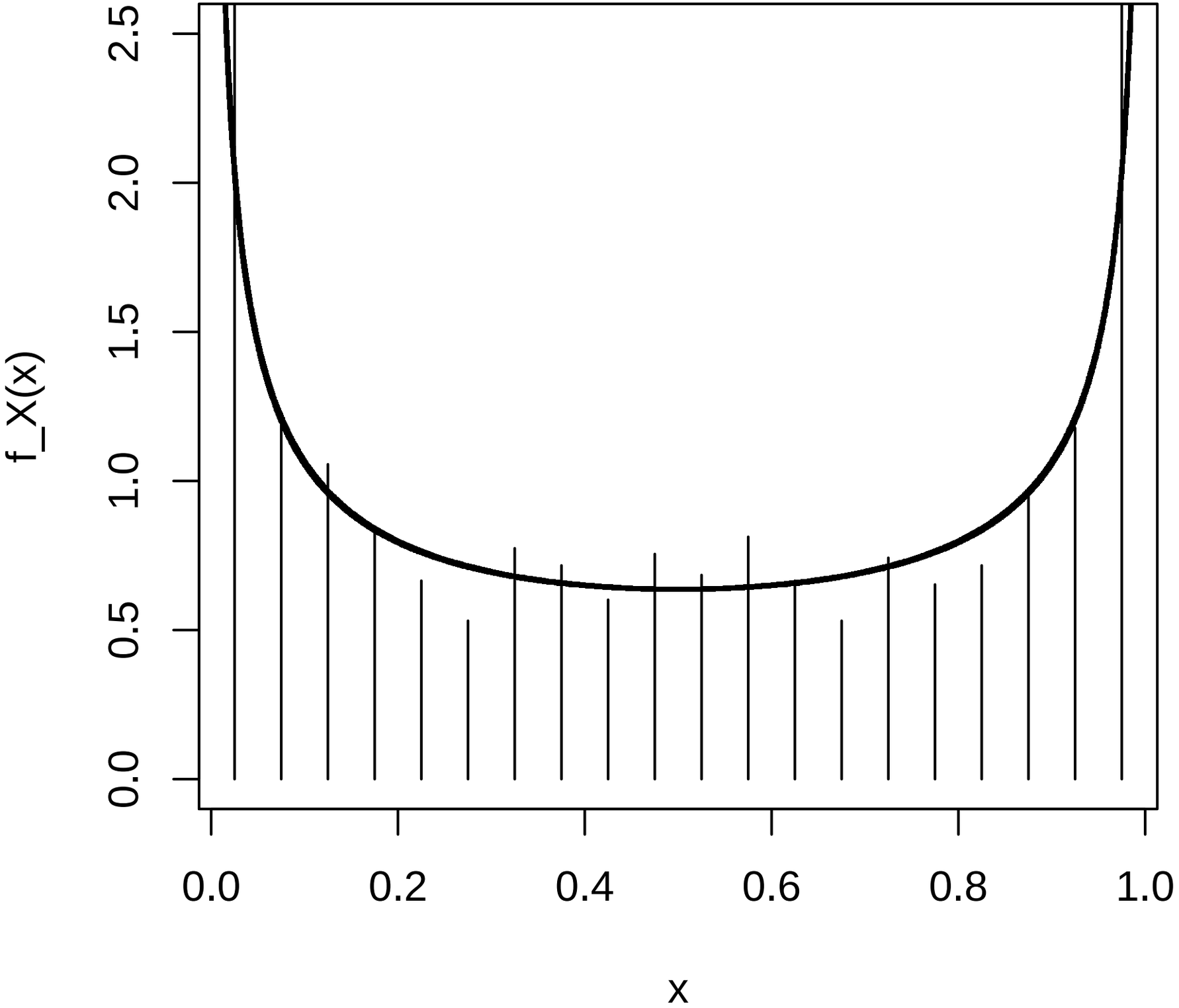
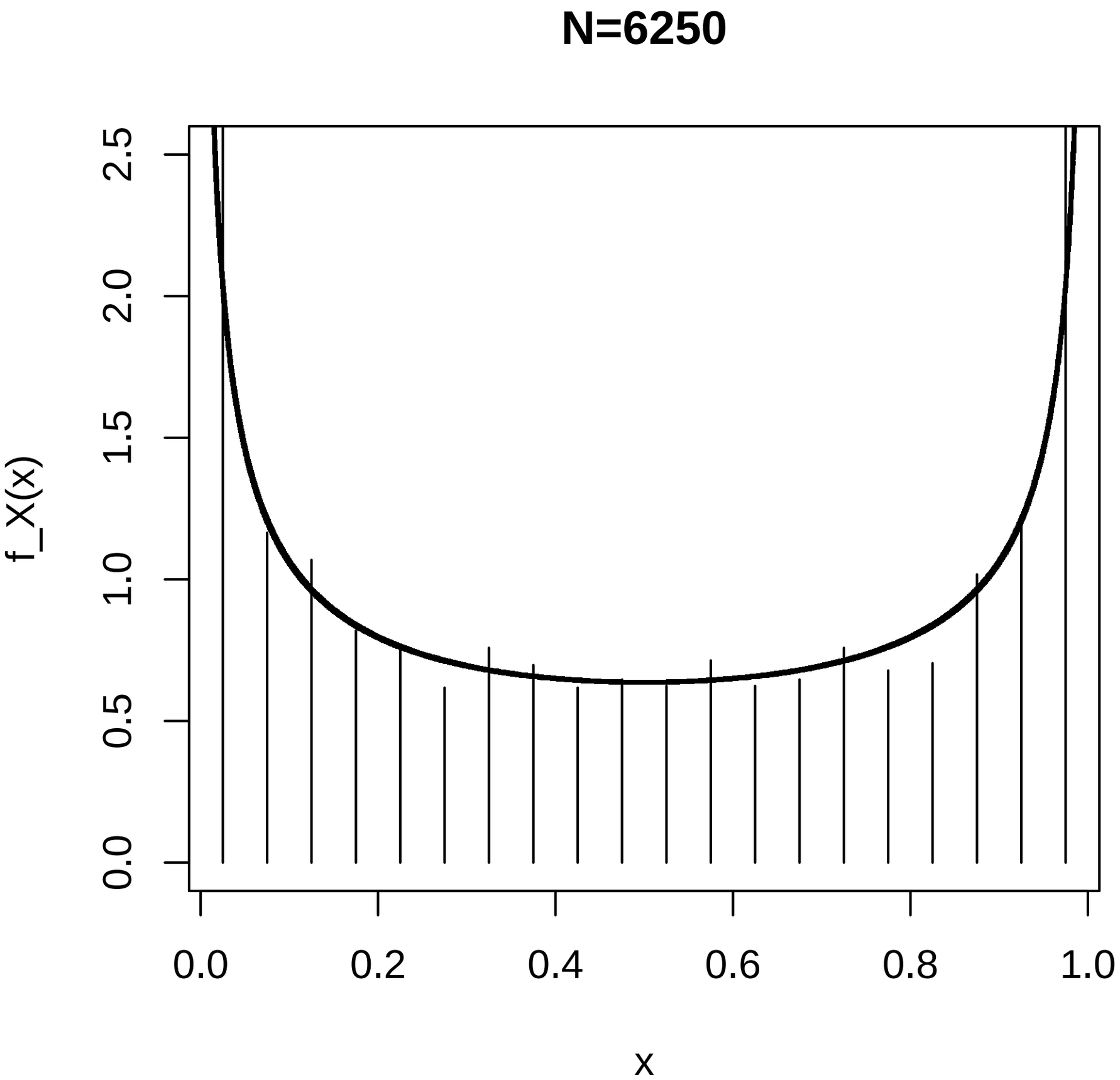
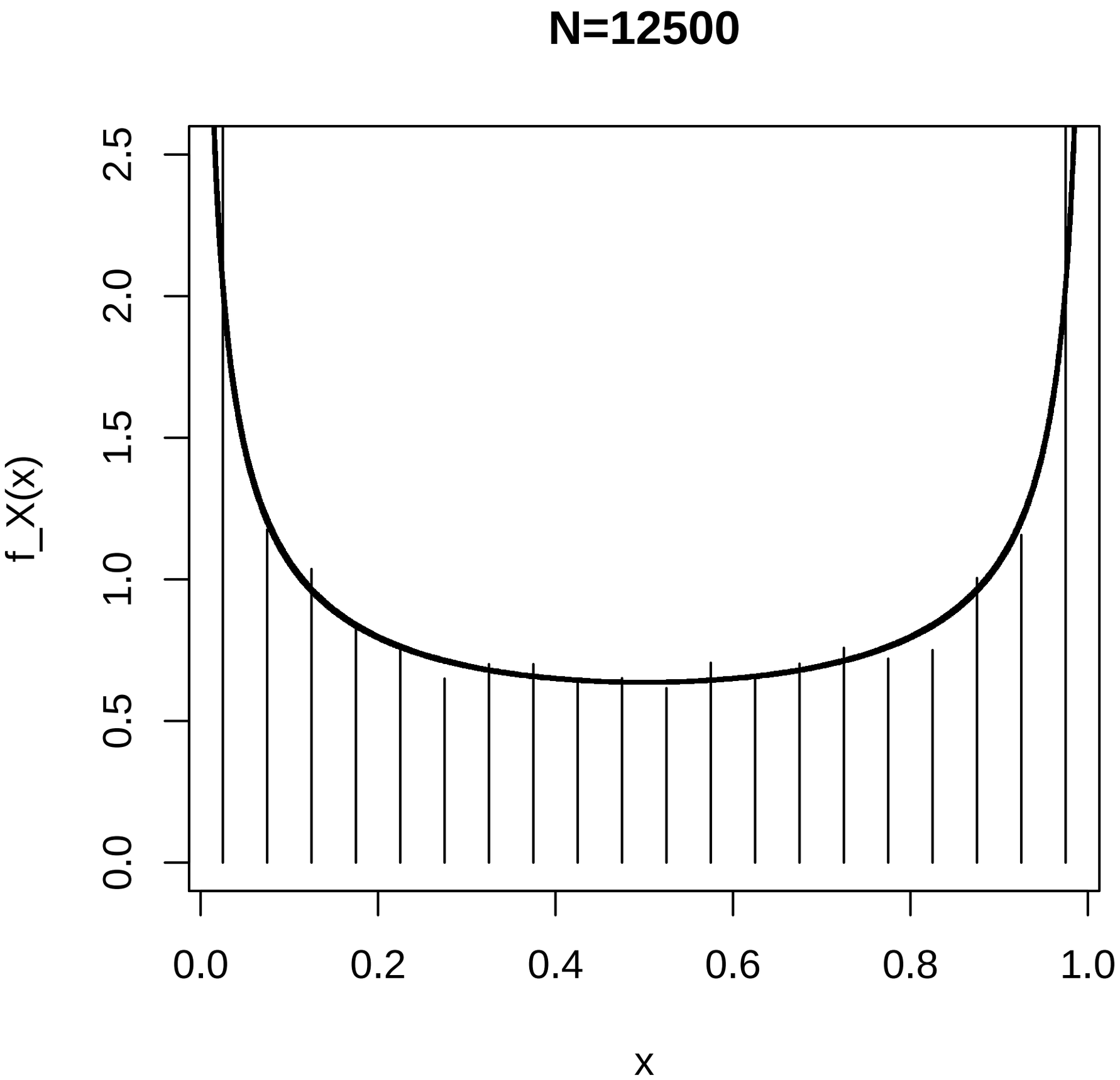
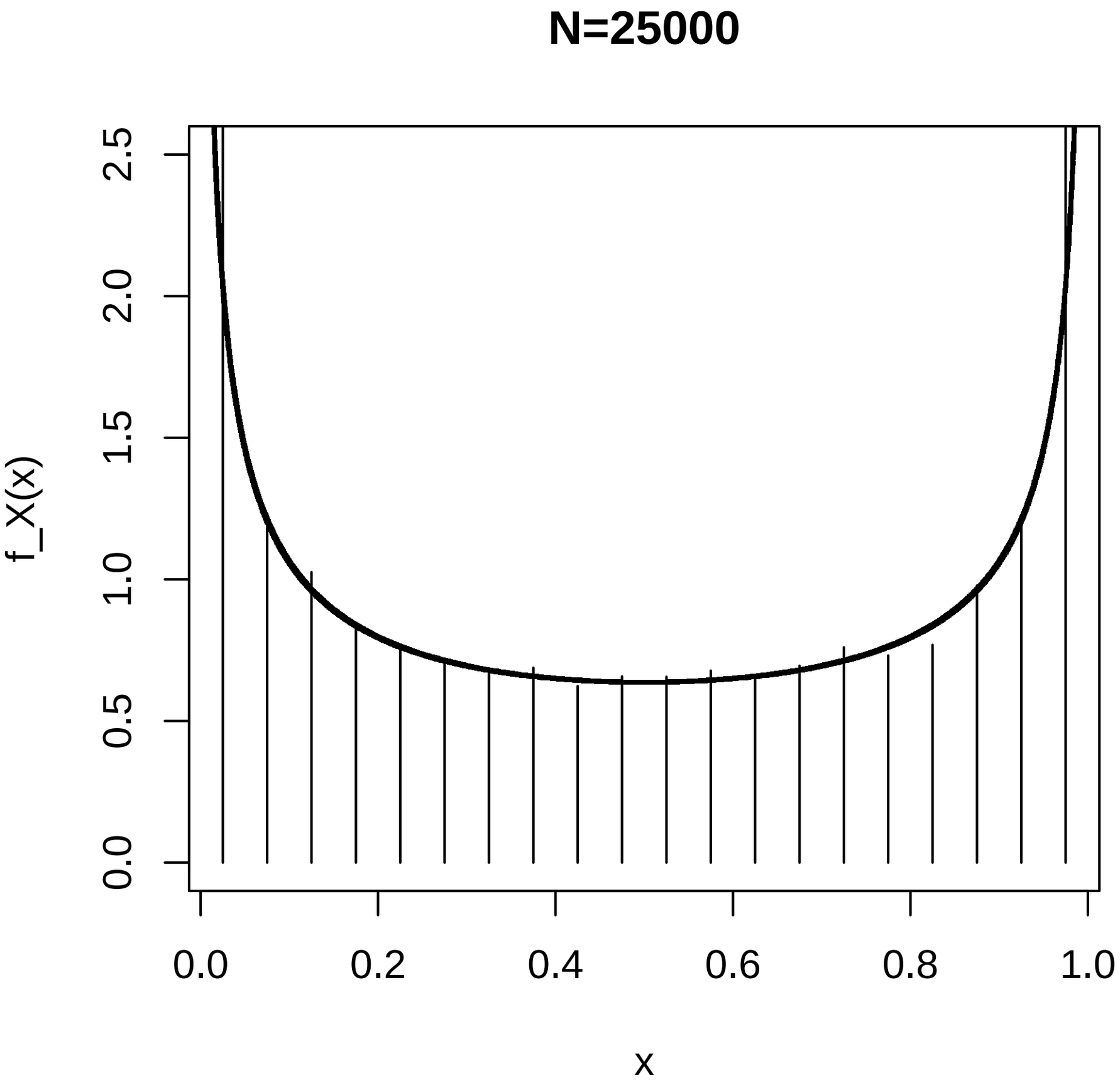
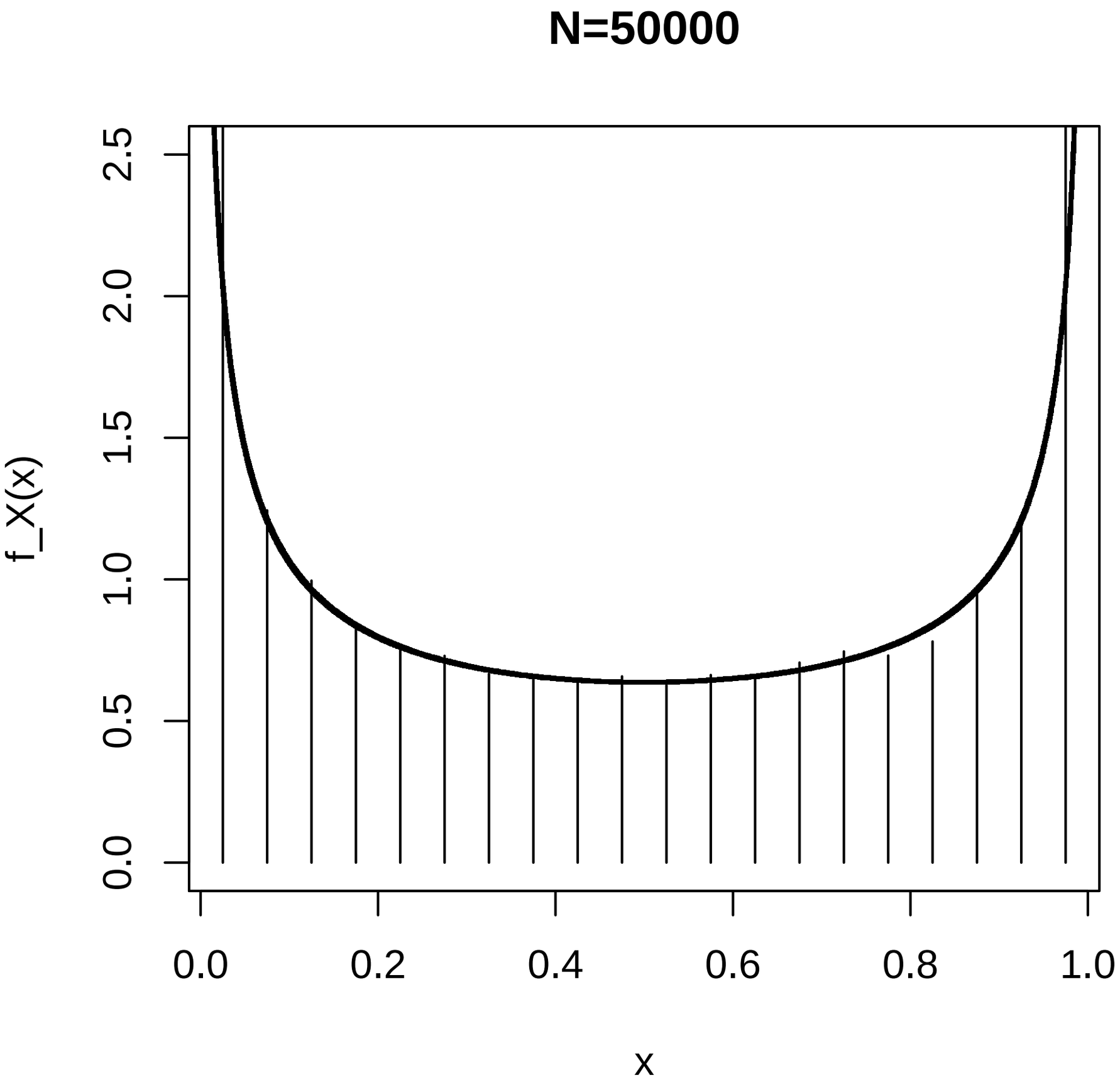

testing F_X^−1(F_X(x))
y=F_X(x)
y=inverse_F_X(F_X(x))
y
x
0.0
0.2
0.4
0.6
0.8
1.0


N=3125
f_X(x)
0.0
0.5
1.0
1.5
2.0
2.5
0.0
0.2
0.4
0.6
0.8
1.0
x


N=6250
f_X(x)
0.0
0.5
1.0
1.5
2.0
2.5
0.0
0.2
0.4
0.6
0.8
1.0
x


N=12500
f_X(x)
0.0
0.5
1.0
1.5
2.0
2.5
0.0
0.2
0.4
0.6
0.8
1.0
x


N=25000
f_X(x)
0.0
0.5
1.0
1.5
2.0
2.5
0.0
0.2
0.4
0.6
0.8
1.0
x


N=50000
f_X(x)
0.0
0.5
1.0
1.5
2.0
2.5
0.0
0.2
0.4
0.6
0.8
1.0
x