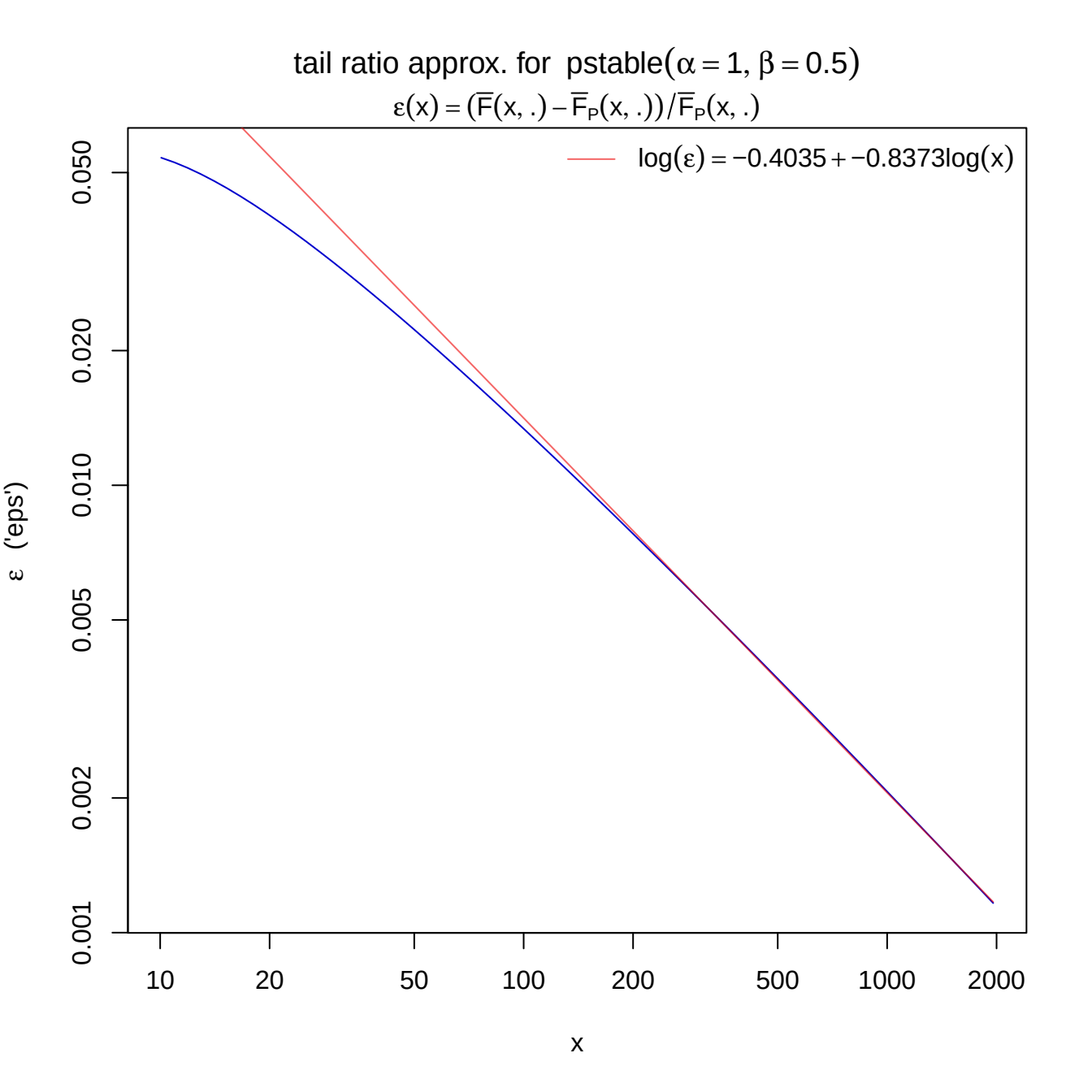
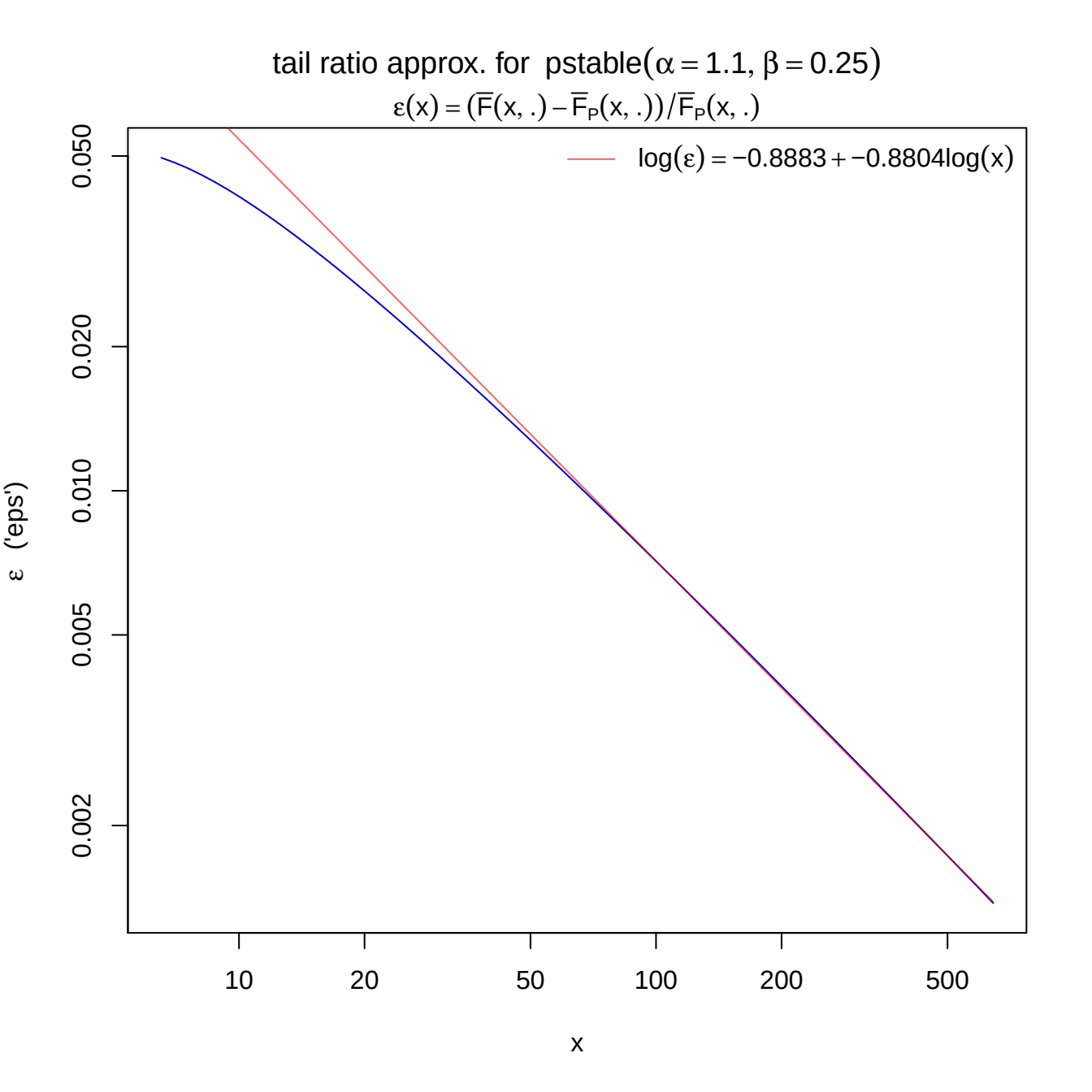
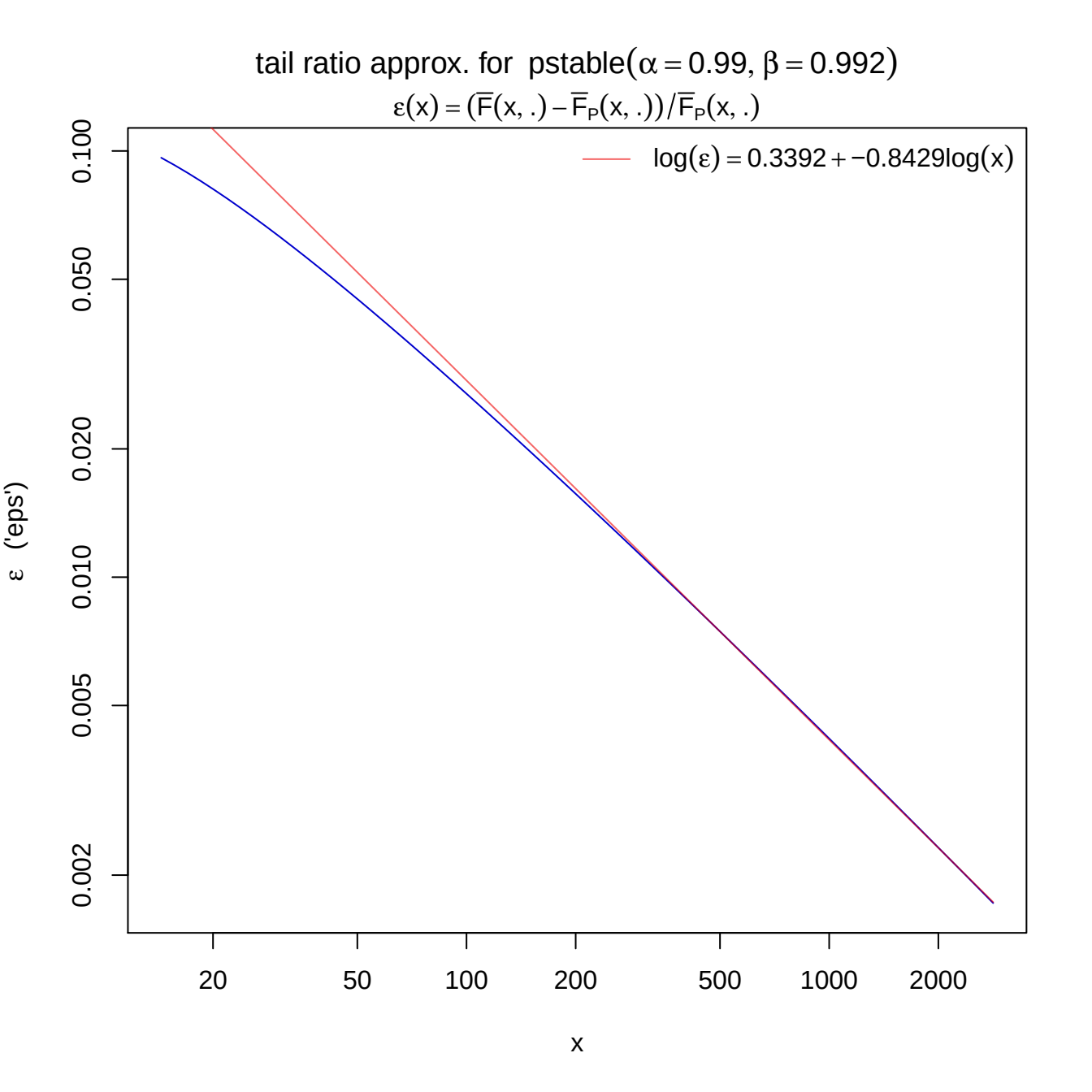
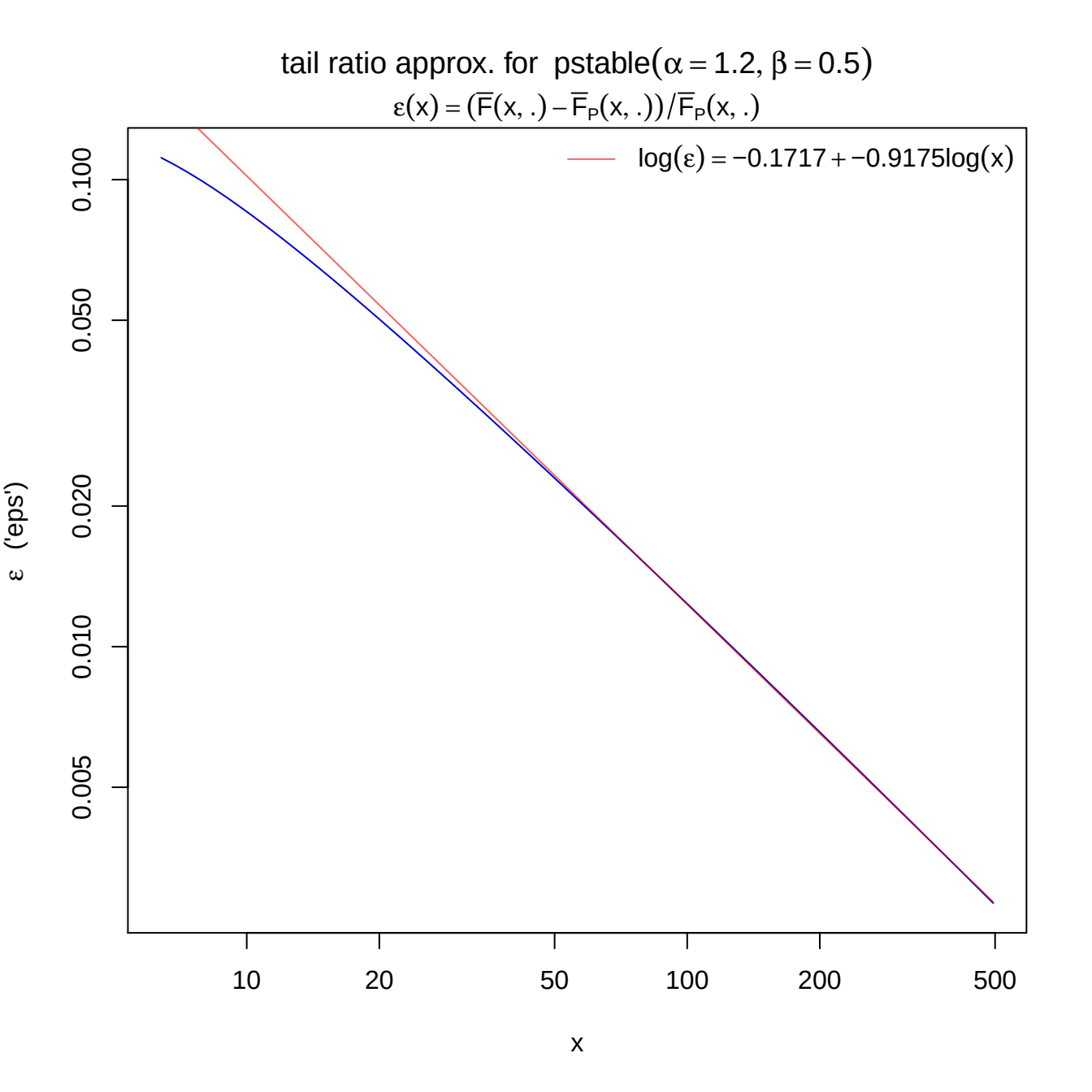
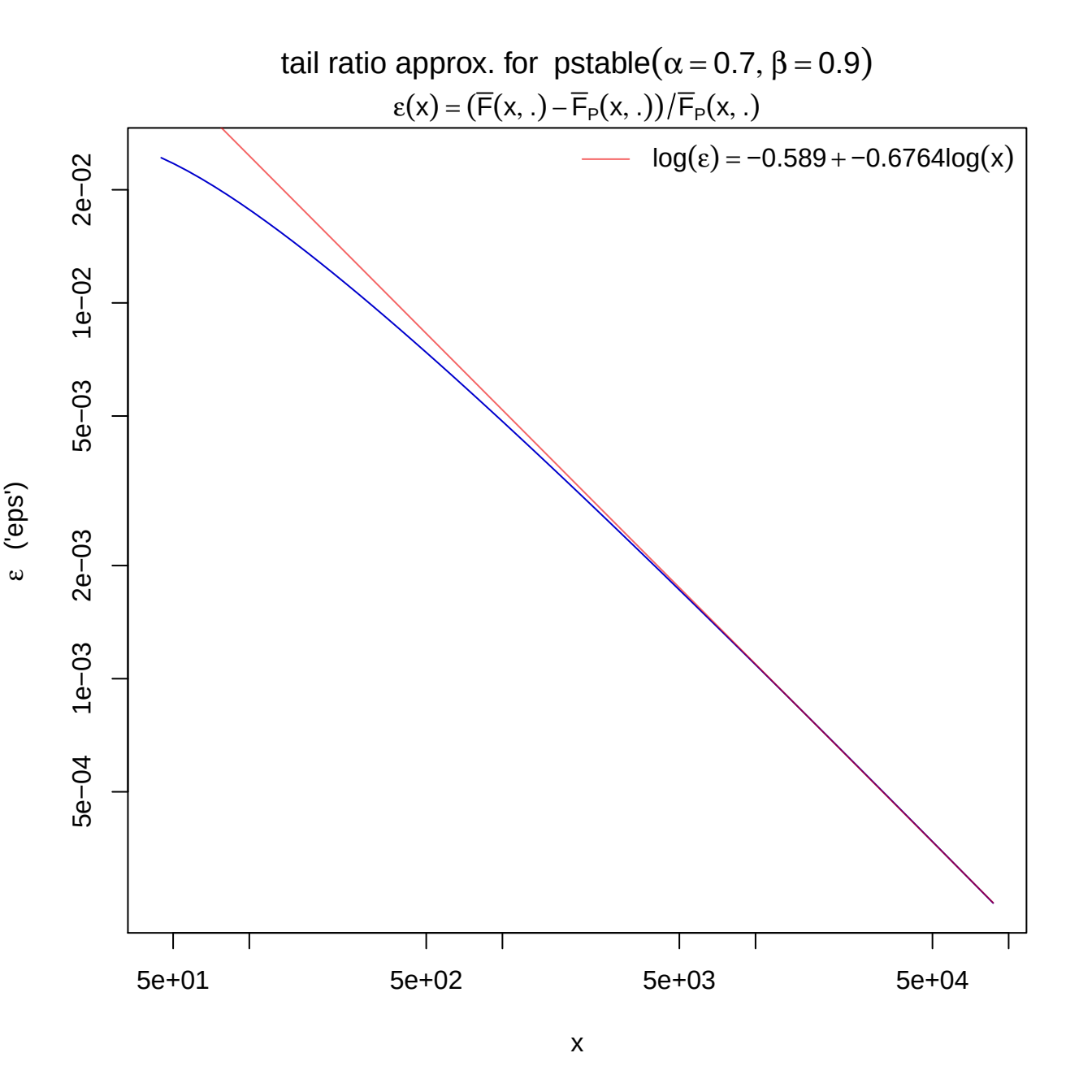
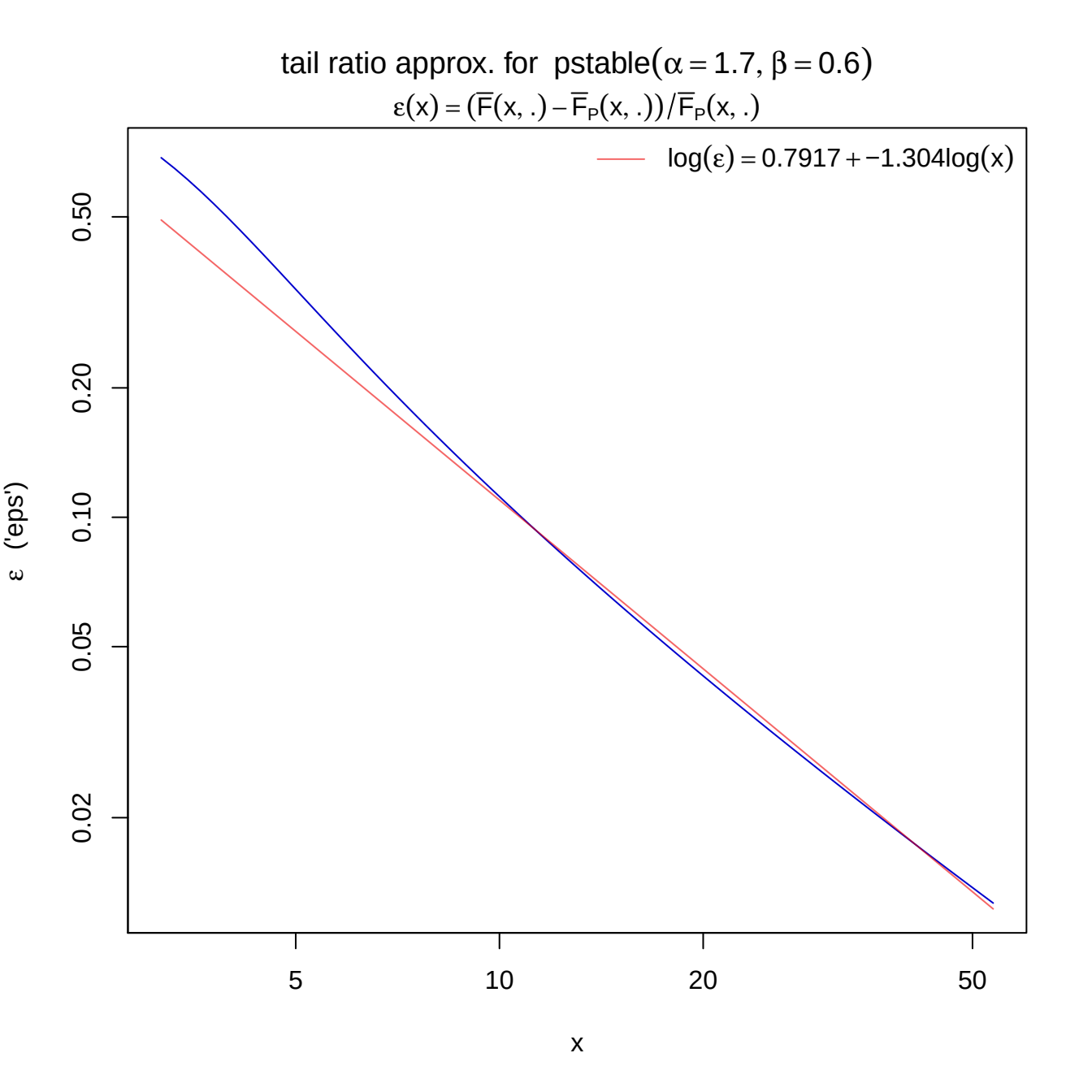

tail ratio approx. for pstable(α = 1, β = 0.5)
ε(x) = (F̄(x, .) − F̄P(x, .))/F̄P(x, .)
log(ε) = −0.4035 + −0.8373log(x)
ε ('eps')
0.050
0.020
0.010
0.005
0.002
0.001
10
20
50
100
200
500
1000
2000
x

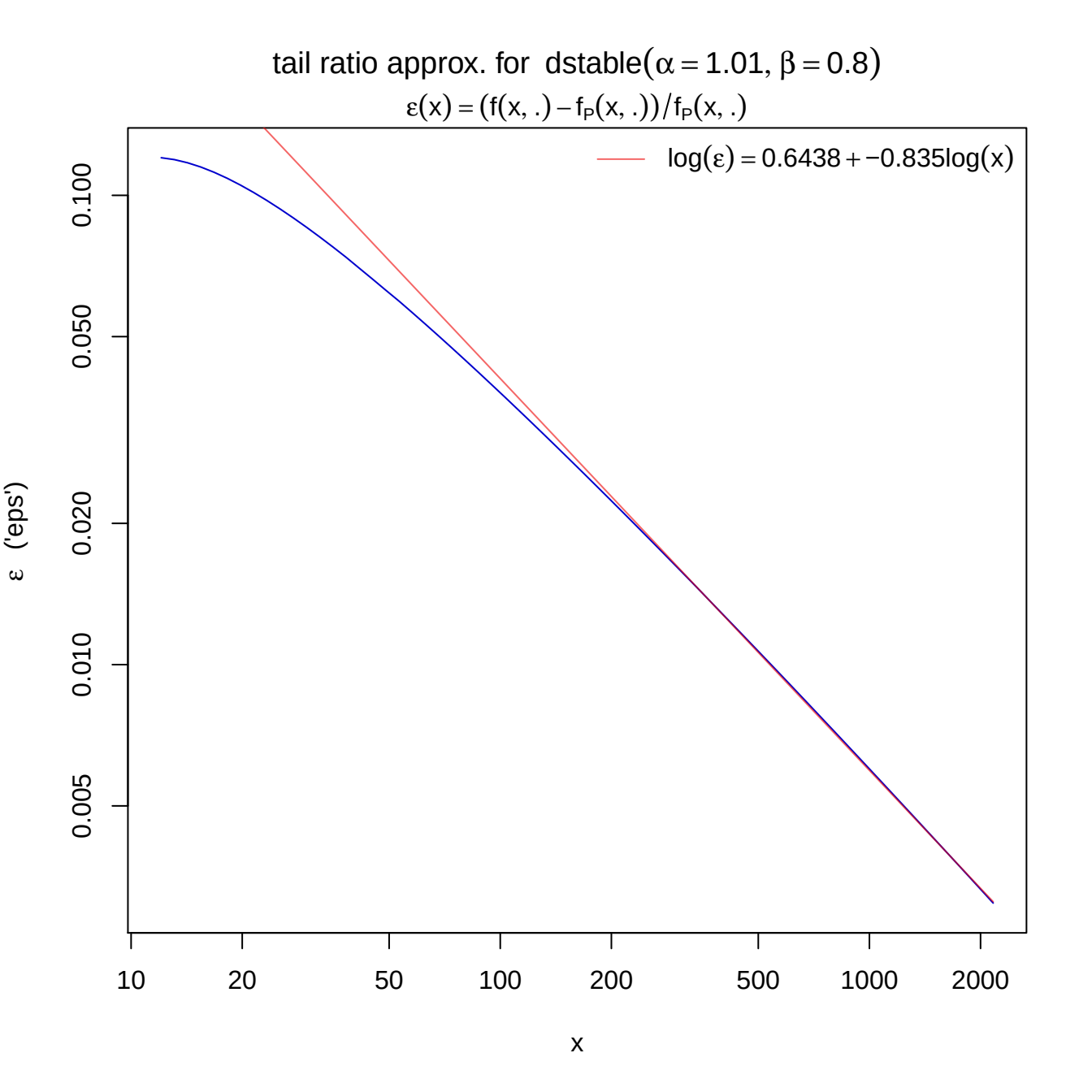

tail ratio approx. for pstable(α = 1.1, β = 0.25)
ε(x) = (F̄(x, .) − F̄P(x, .))/F̄P(x, .)
log(ε) = −0.8883 + −0.8804log(x)
0.050
0.020
0.010
0.005
0.002
ε ('eps')
10
20
50
100
200
500
x

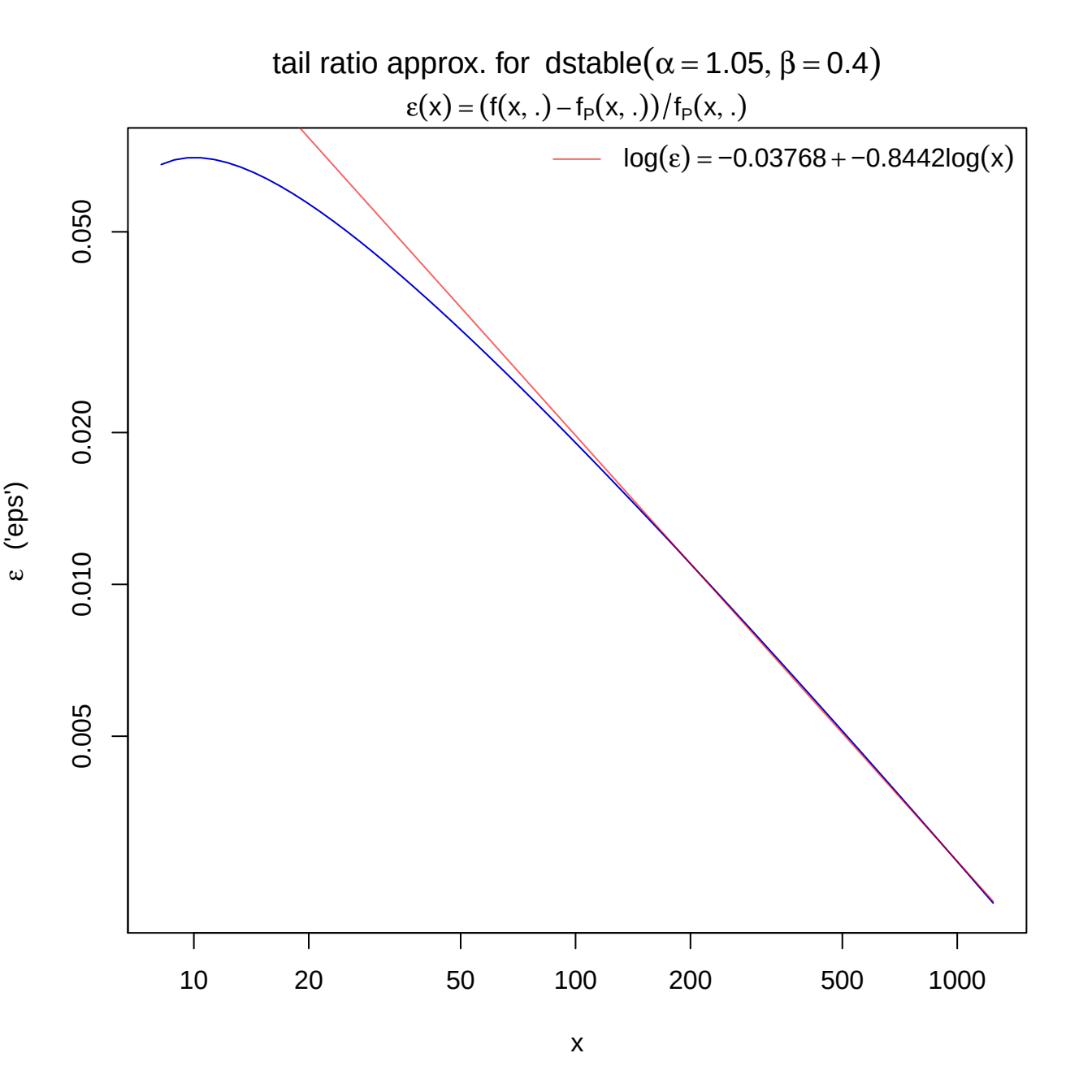

tail ratio approx. for pstable(α = 0.99, β = 0.992)
ε(x) = (F̄(x, .) − F̄P(x, .))/F̄P(x, .)
log(ε) = 0.3392 + −0.8429log(x)
0.100
0.050
0.020
0.010
0.005
0.002
ε ('eps')
20
50
100
200
500
1000
2000
x

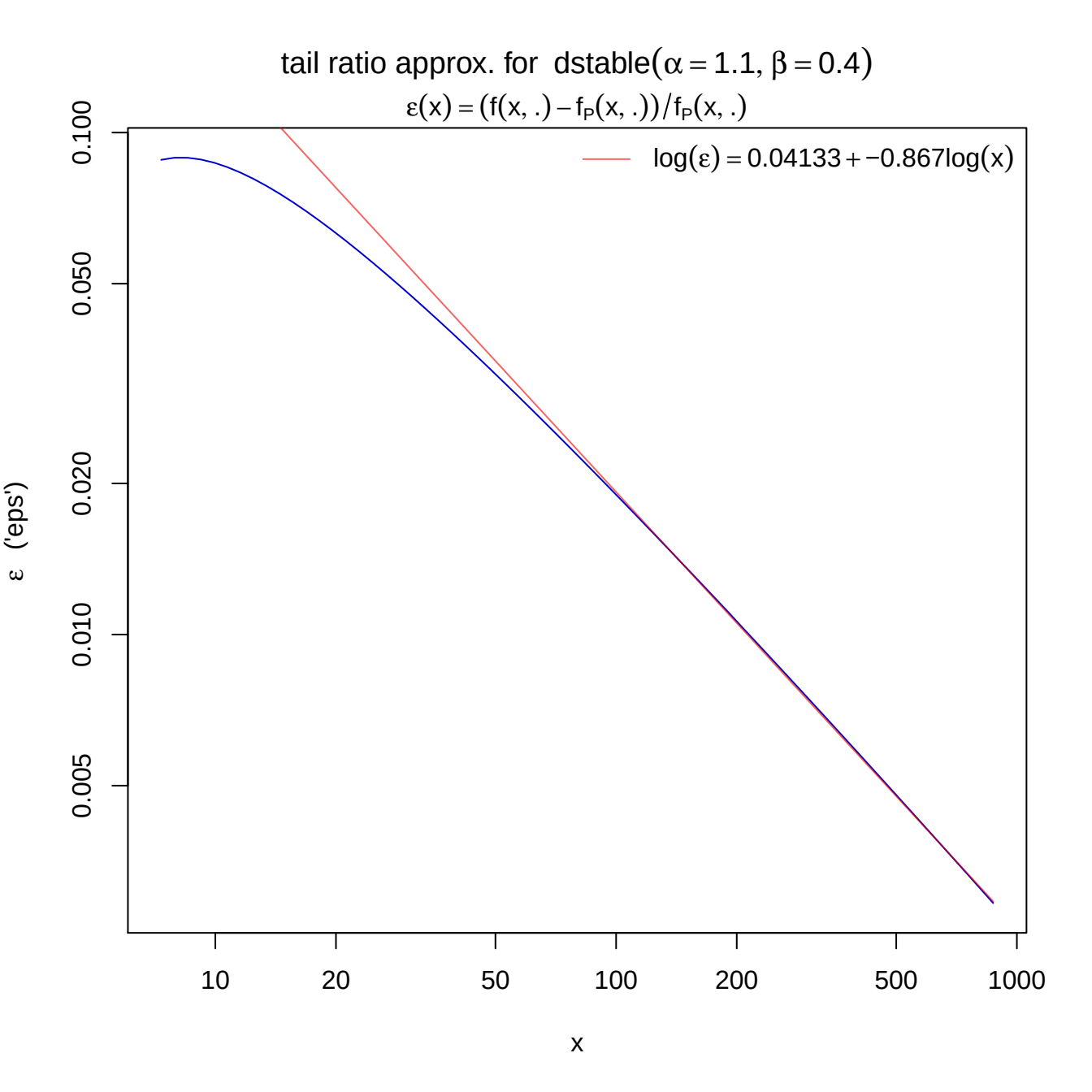

tail ratio approx. for pstable(α = 1.2, β = 0.5)
ε(x) = (F̄(x, .) − F̄P(x, .))/F̄P(x, .)
log(ε) = −0.1717 + −0.9175log(x)
0.100
0.050
0.020
0.010
0.005
ε ('eps')
10
20
50
100
200
500
x

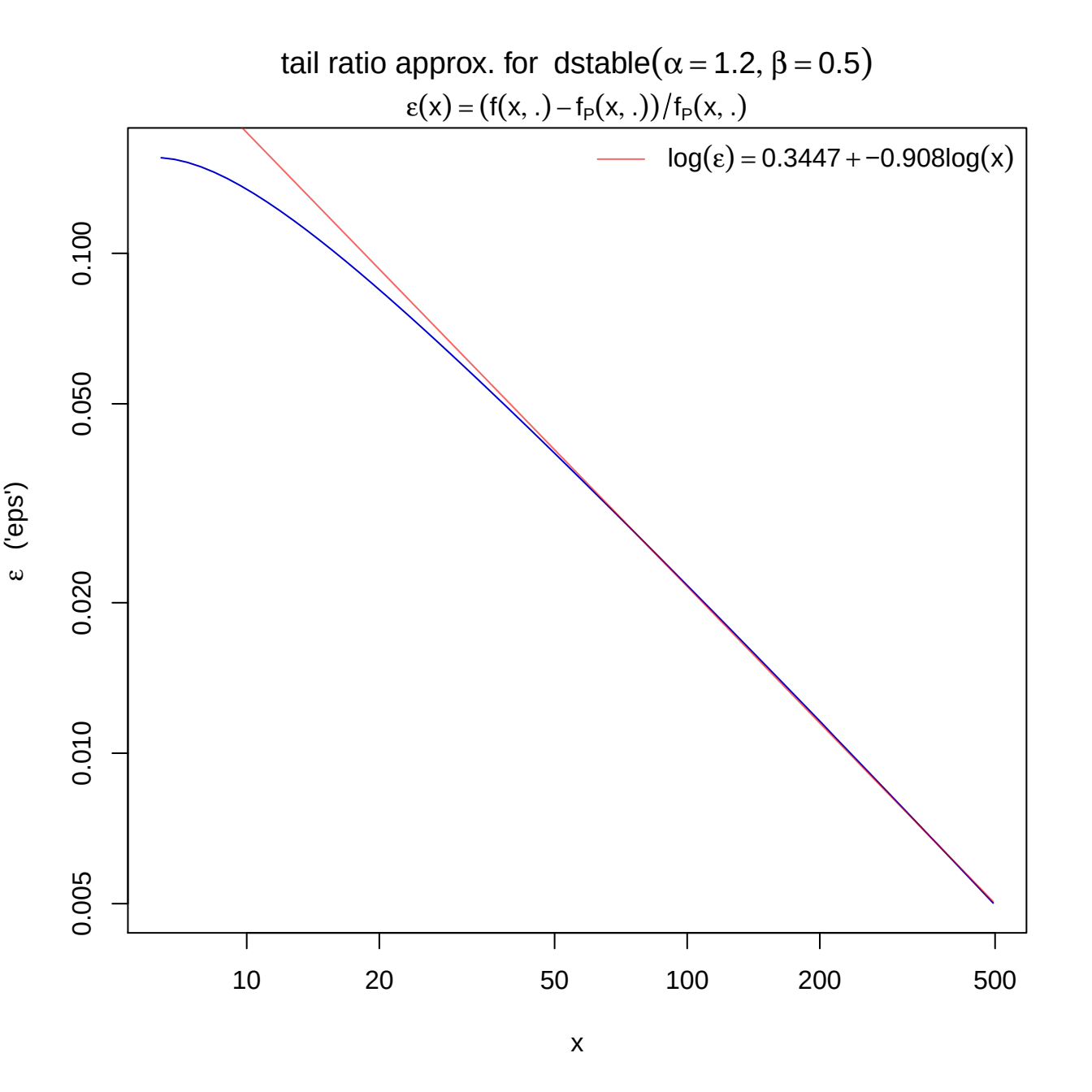

tail ratio approx. for pstable(α = 0.7, β = 0.9)
ε(x) = (F̄(x, .) − F̄P(x, .))/F̄P(x, .)
log(ε) = −0.589 + −0.6764log(x)
2e−02
1e−02
5e−03
2e−03
1e−03
5e−04
ε ('eps')
5e+01
5e+02
5e+03
5e+04
x

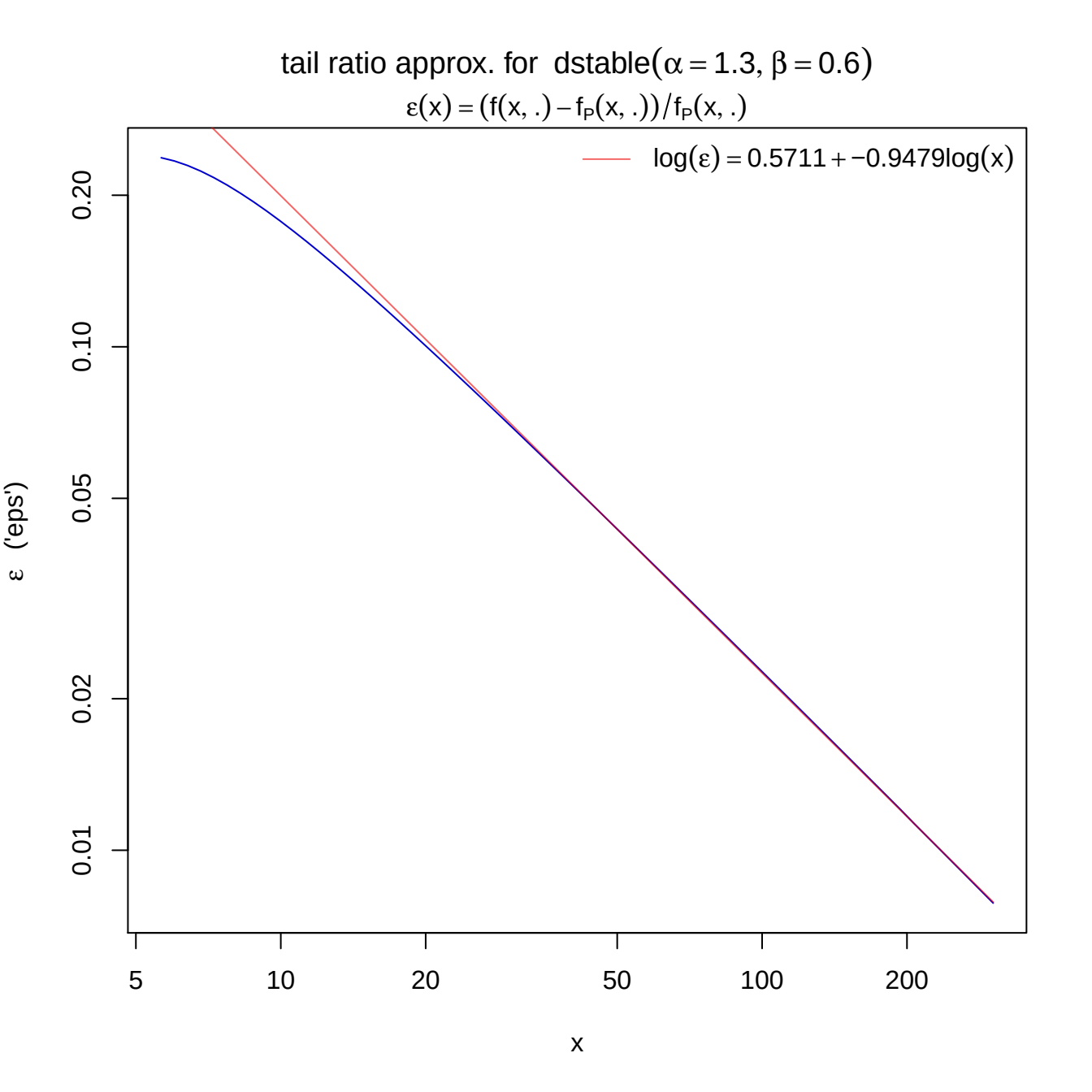

tail ratio approx. for pstable(α = 1.7, β = 0.6)
ε(x) = (F̄(x, .) − F̄P(x, .))/F̄P(x, .)
log(ε) = 0.7917 + −1.304log(x)
ε ('eps')
0.50
0.20
0.10
0.05
0.02
5
10
20
50
x

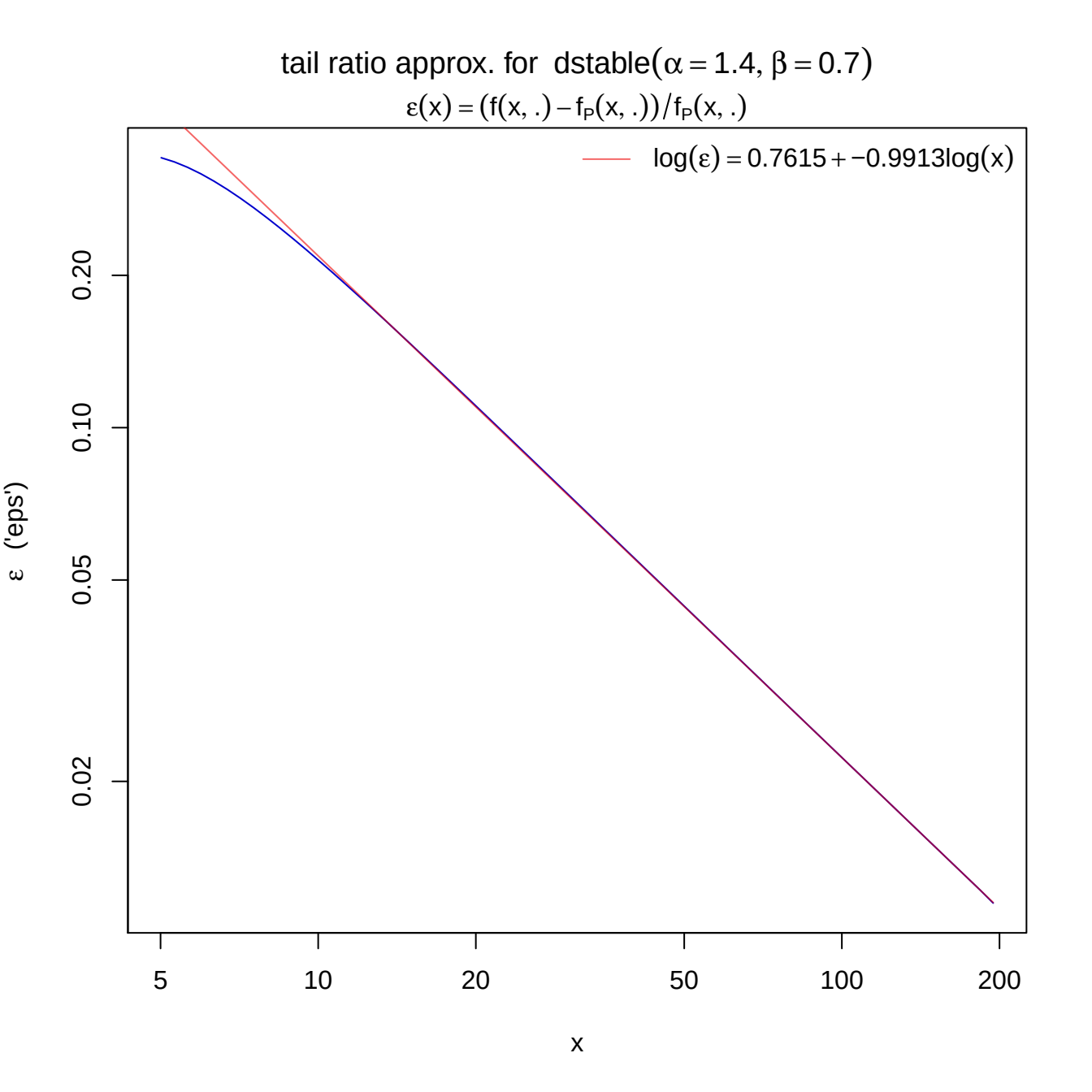

tail ratio approx. for dstable(α = 1.01, β = 0.8)
ε(x) = (f(x, .) − f_P(x, .))/f_P(x, .)
log(ε) = 0.6438 + −0.835log(x)
ε ('eps')
0.100
0.050
0.020
0.010
0.005
10
20
50
100
200
500
1000
2000
x

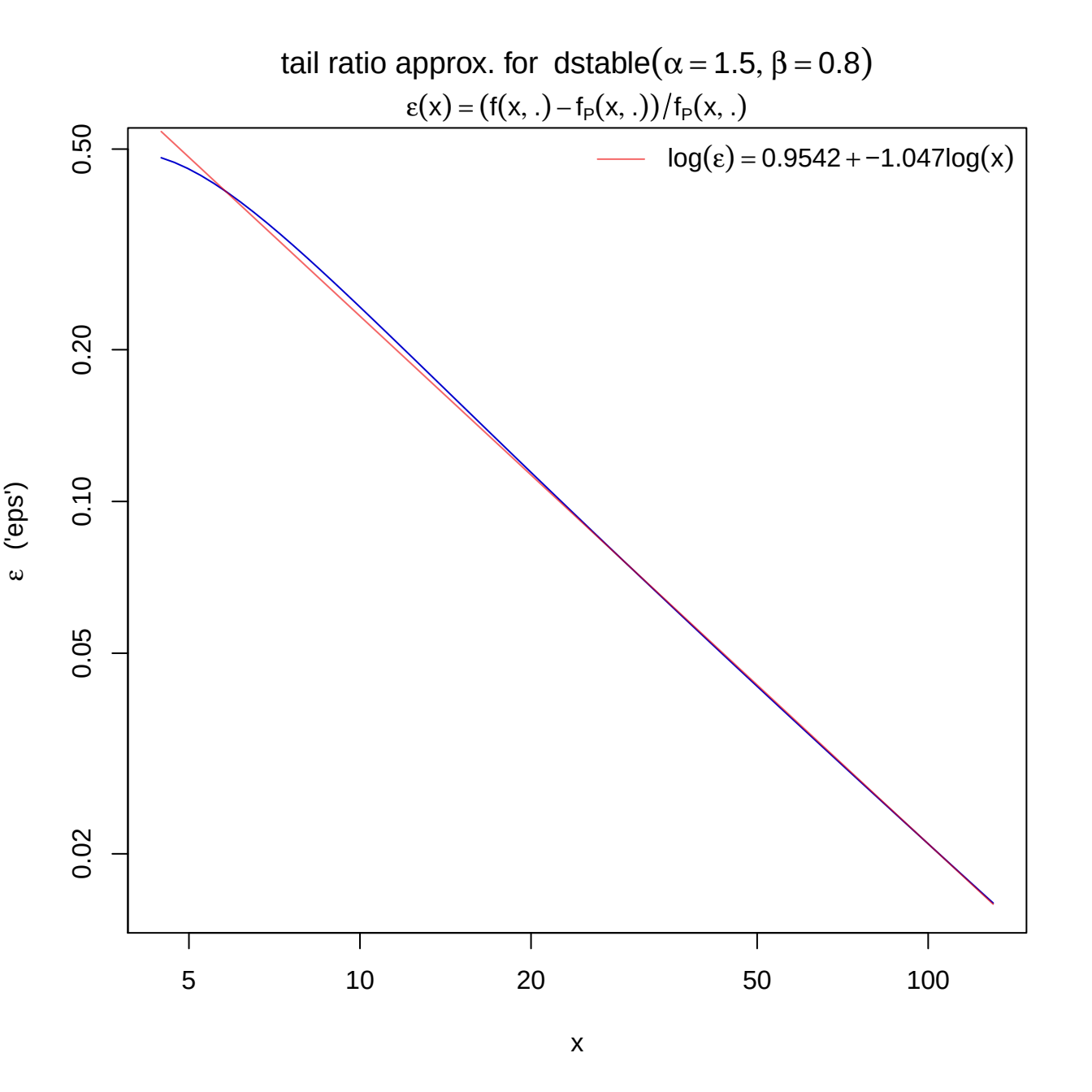

tail ratio approx. for dstable(α = 1.05, β = 0.4)
ε(x) = (f(x, .) − f_P(x, .))/f_P(x, .)
log(ε) = −0.03768 + −0.8442log(x)
ε ('eps')
0.050
0.020
0.010
0.005
10
20
50
100
200
500
1000
x

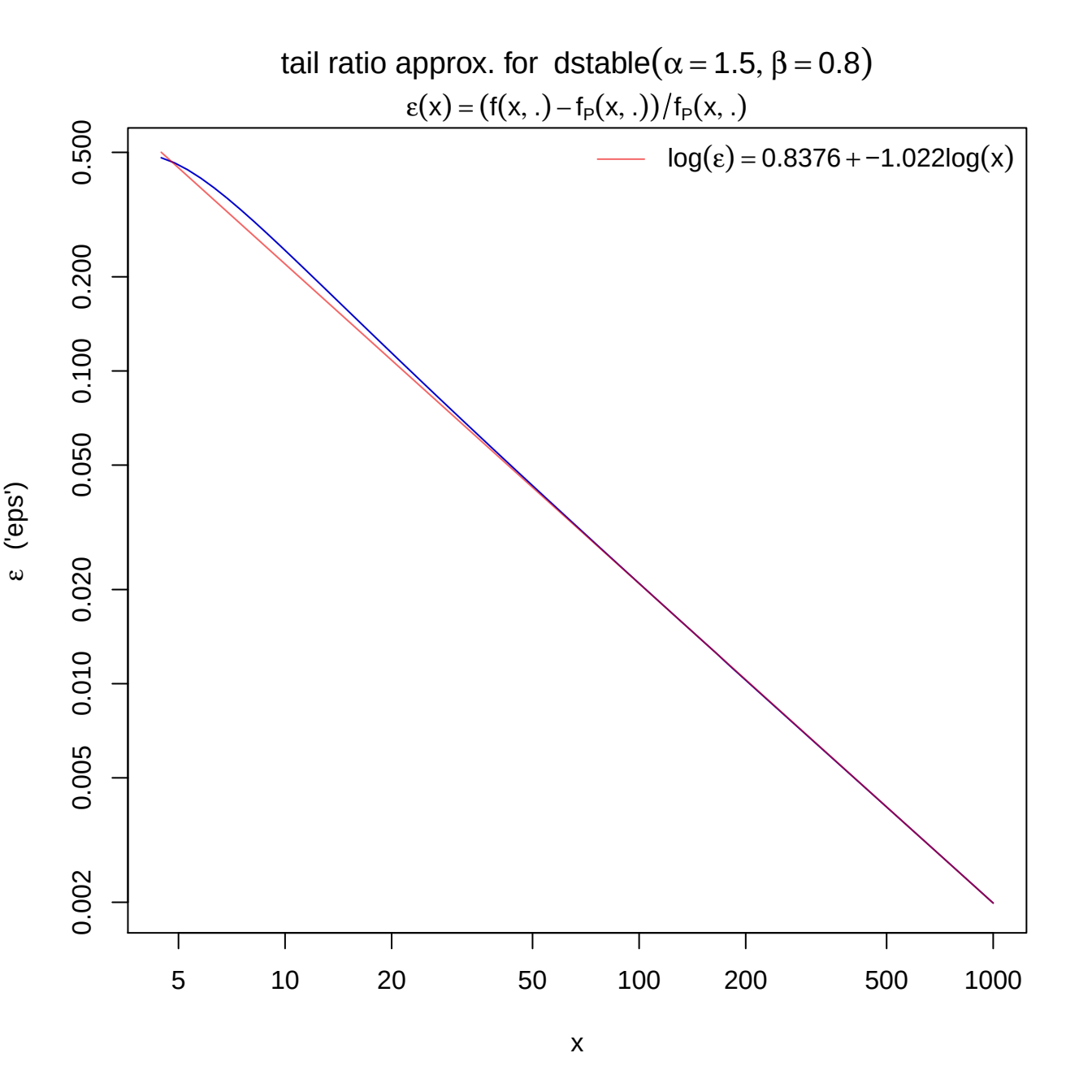

tail ratio approx. for dstable(α = 1.1, β = 0.4)
ε(x) = (f(x, .) − f_P(x, .))/f_P(x, .)
log(ε) = 0.04133 + −0.867log(x)
ε ('eps')
0.100
0.050
0.020
0.010
0.005
10
20
50
100
200
500
1000
x

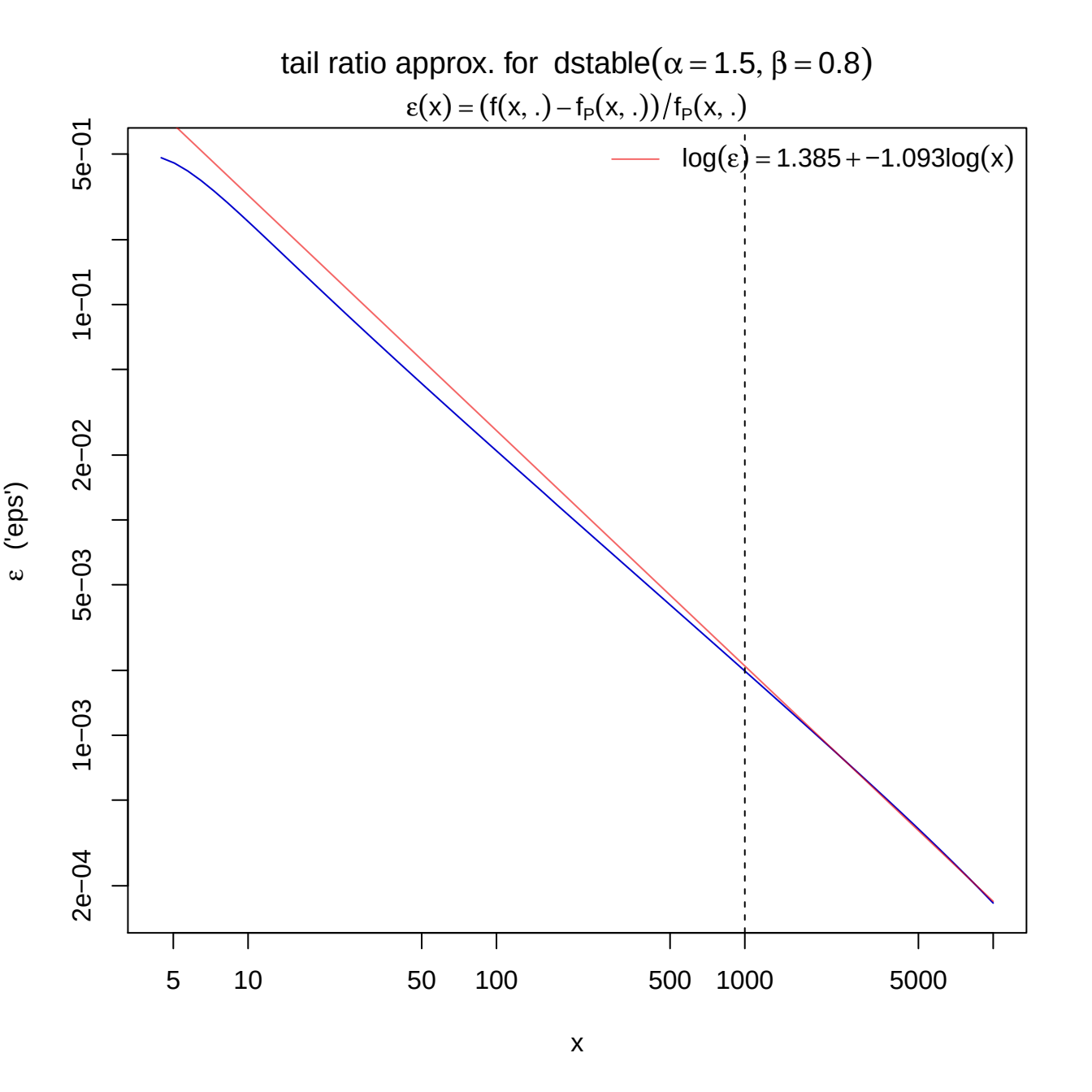

tail ratio approx. for dstable(α = 1.2, β = 0.5)
ε(x) = (f(x, .) − f_P(x, .))/f_P(x, .)
log(ε) = 0.3447 + −0.908log(x)
ε ('eps')
0.100
0.050
0.020
0.010
0.005
10
20
50
100
200
500
x

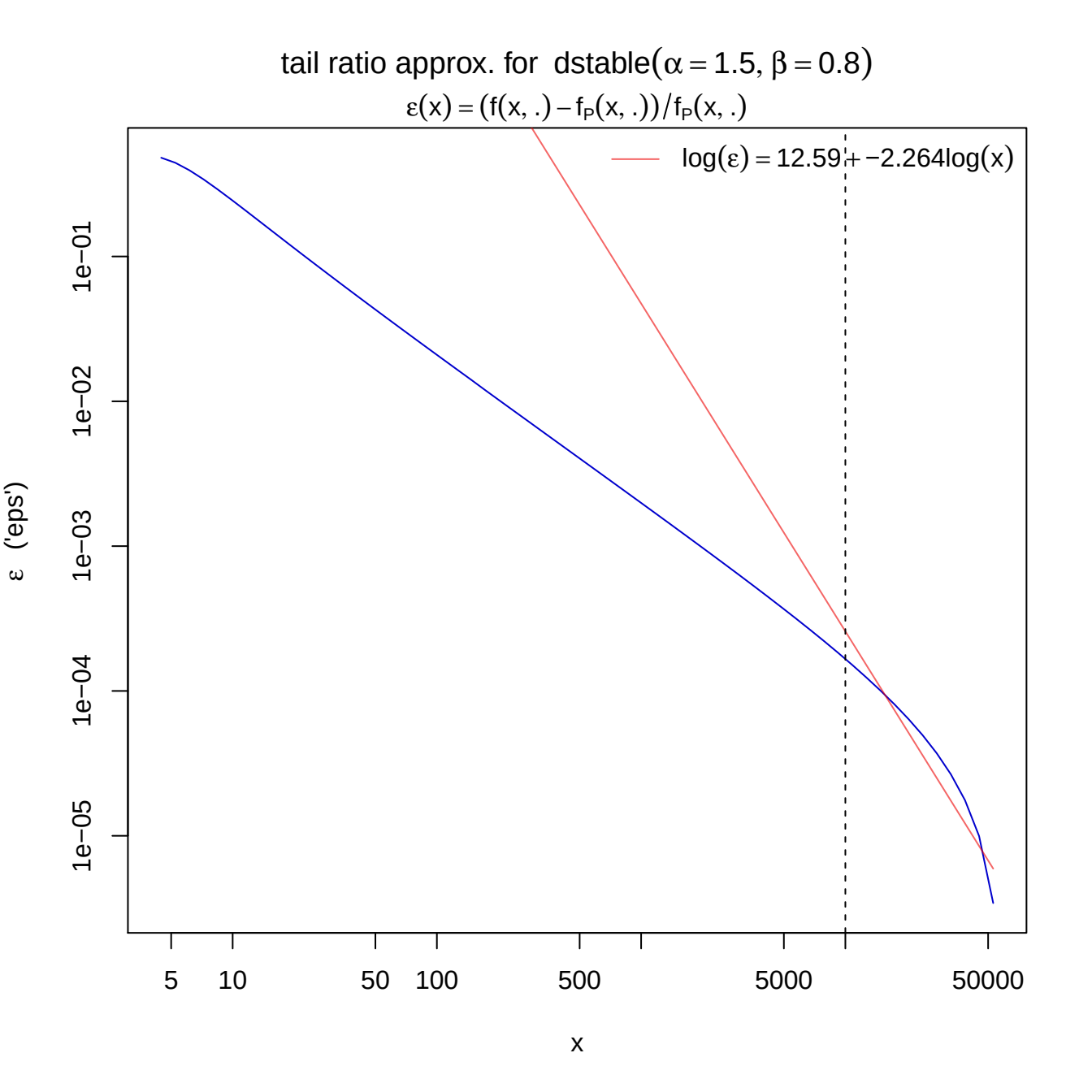

tail ratio approx. for dstable(α = 1.3, β = 0.6)
ε(x) = (f(x, .) − f_P(x, .))/f_P(x, .)
log(ε) = 0.5711 + −0.9479log(x)
ε ('eps')
0.20
0.10
0.05
0.02
0.01
5
10
20
50
100
200
x

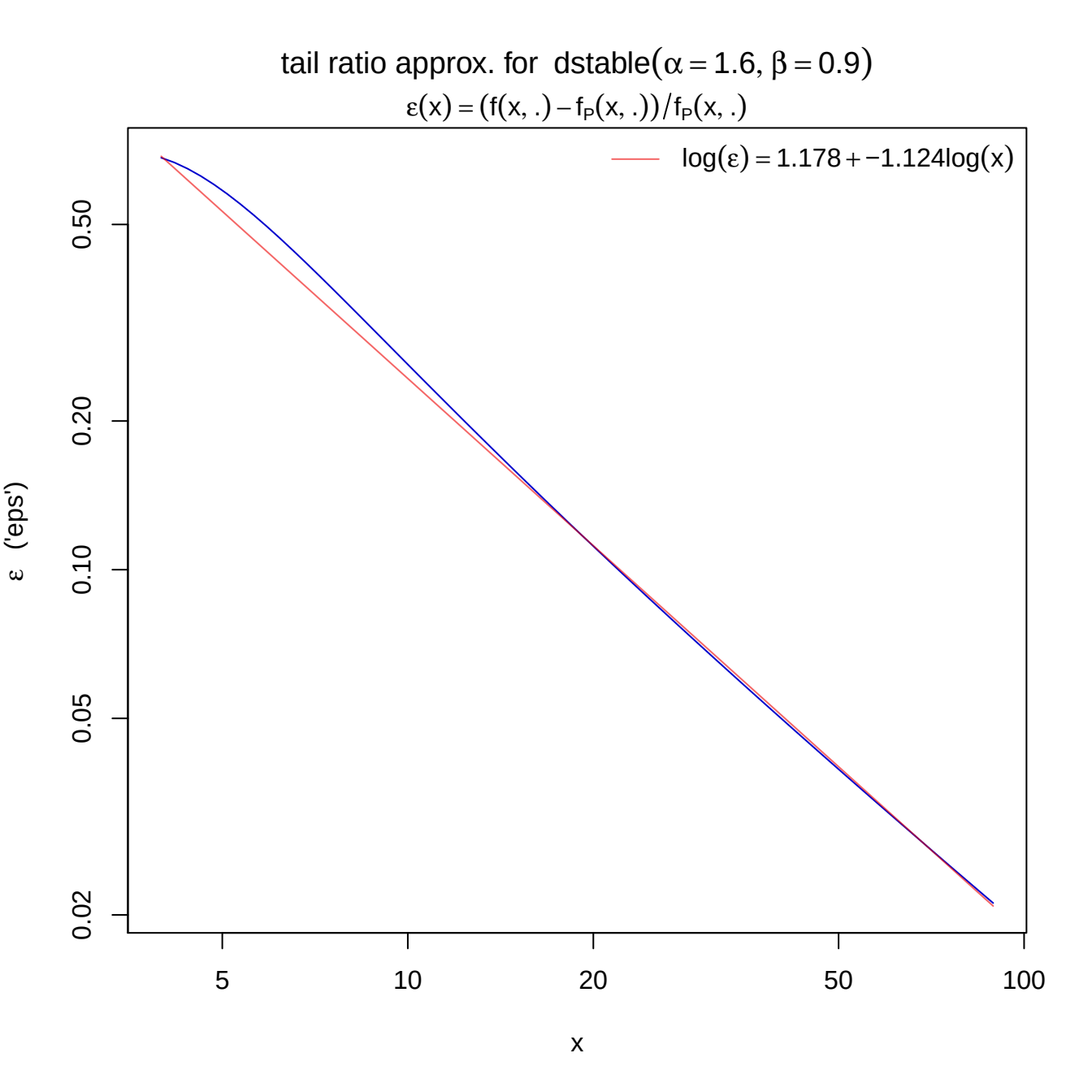

tail ratio approx. for dstable(α = 1.4, β = 0.7)
ε(x) = (f(x, .) − f_P(x, .))/f_P(x, .)
log(ε) = 0.7615 + −0.9913log(x)
ε ('eps')
0.20
0.10
0.05
0.02
5
10
20
50
100
200
x

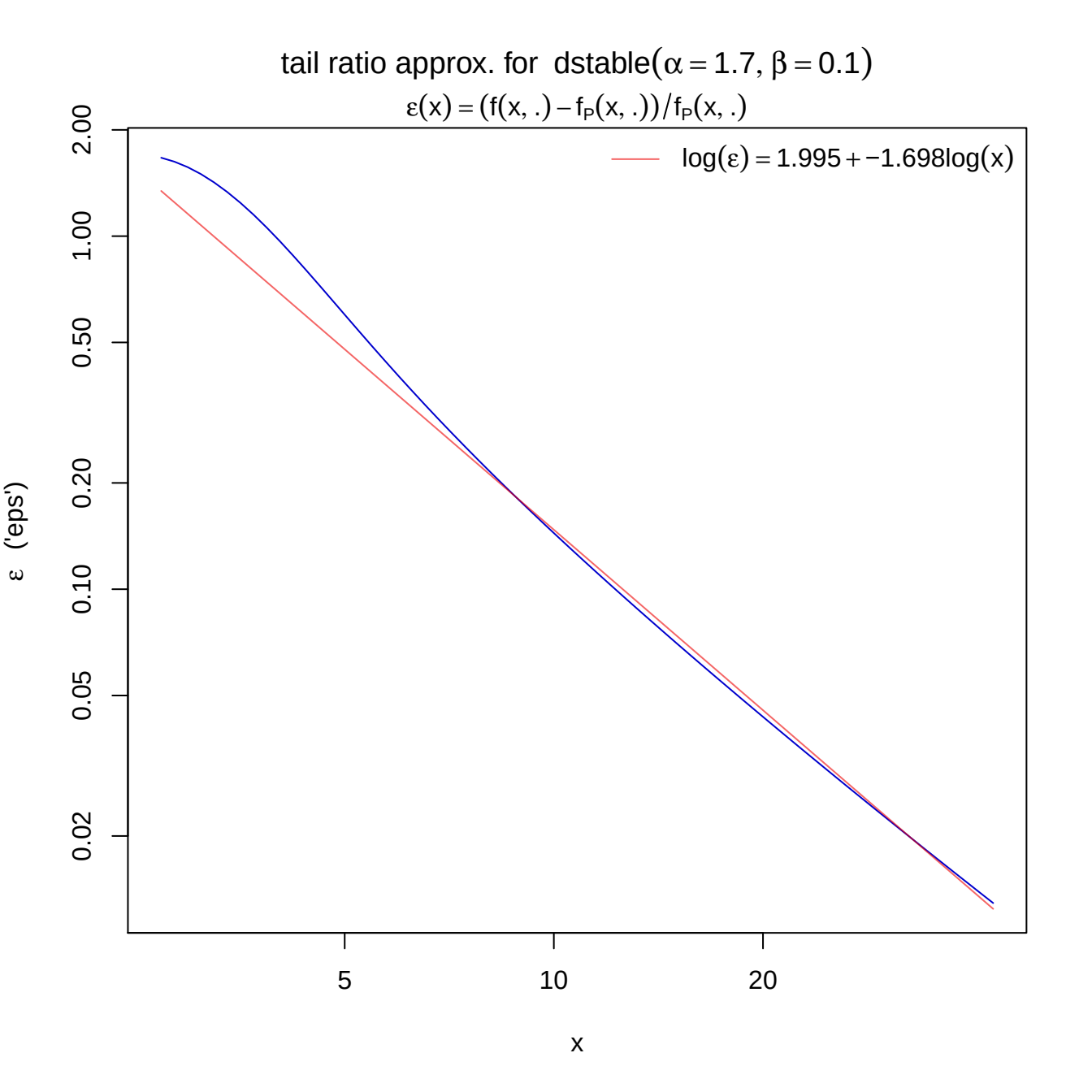

tail ratio approx. for dstable(α = 1.5, β = 0.8)
ε(x) = (f(x, .) − f_P(x, .))/f_P(x, .)
log(ε) = 0.9542 + −1.047log(x)
ε ('eps')
0.50
0.20
0.10
0.05
0.02
5
10
20
50
100
x

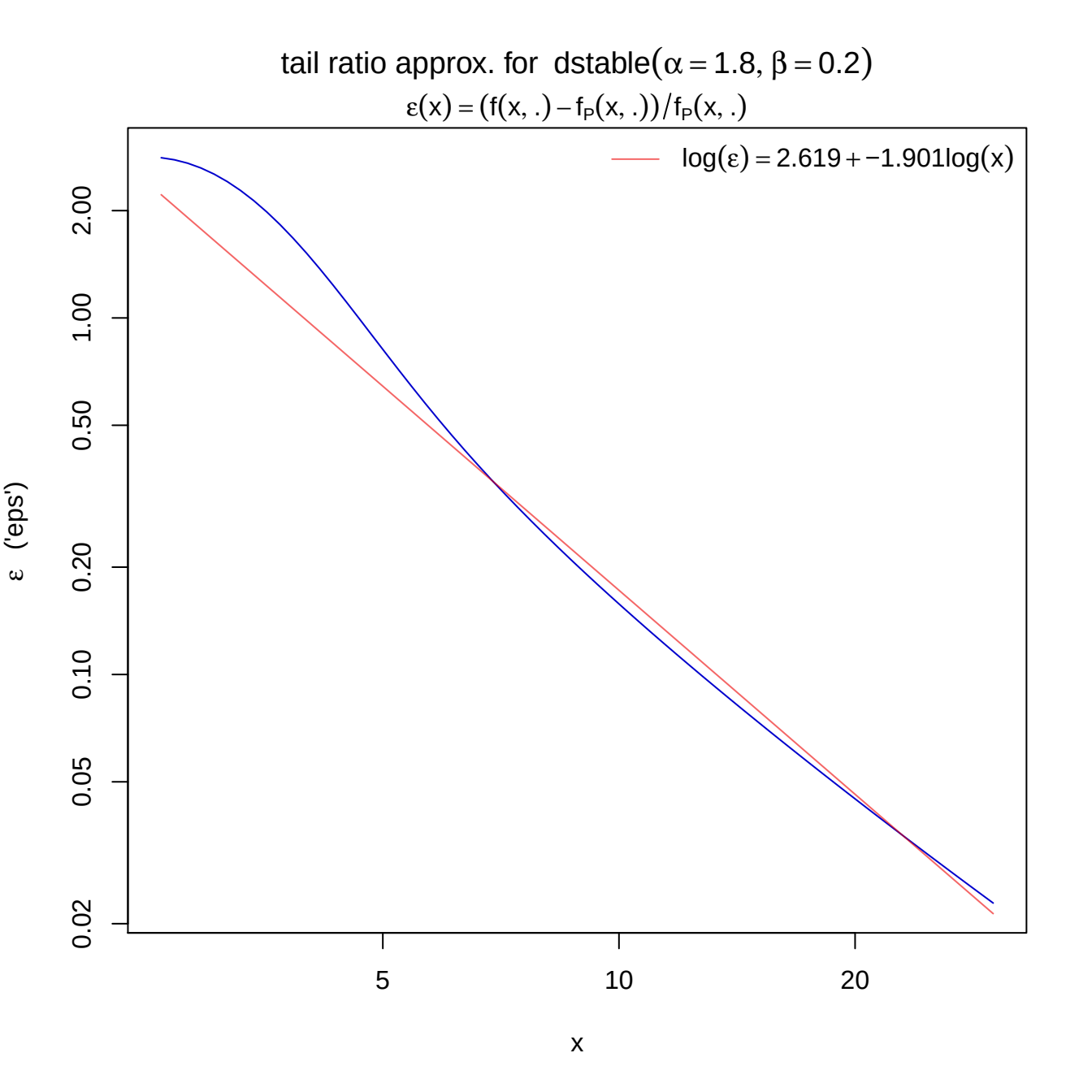

tail ratio approx. for dstable(α = 1.5, β = 0.8)
ε(x) = (f(x, .) − f_P(x, .))/f_P(x, .)
log(ε) = 0.8376 + −1.022log(x)
ε ('eps')
0.500
0.200
0.100
0.050
0.020
0.010
0.005
0.002
5
10
20
50
100
200
500
1000
x

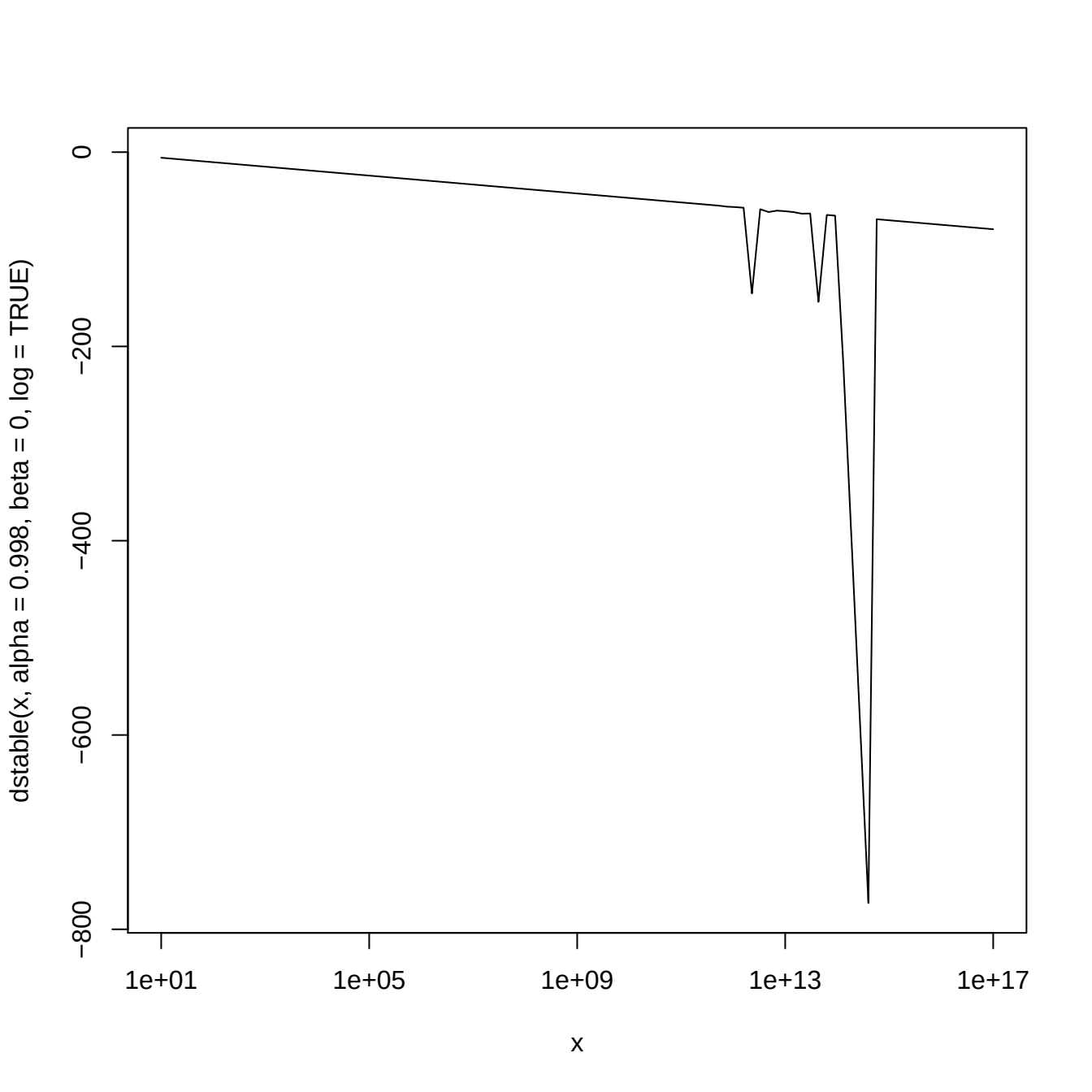

tail ratio approx. for dstable(α = 1.5, β = 0.8)
ε(x) = (f(x, .) − f_P(x, .))/f_P(x, .)
log(ε) = 1.385 + −1.093log(x)
ε ('eps')
5e−01
1e−01
2e−02
5e−03
1e−03
2e−04
5
10
50
100
500
1000
5000
x

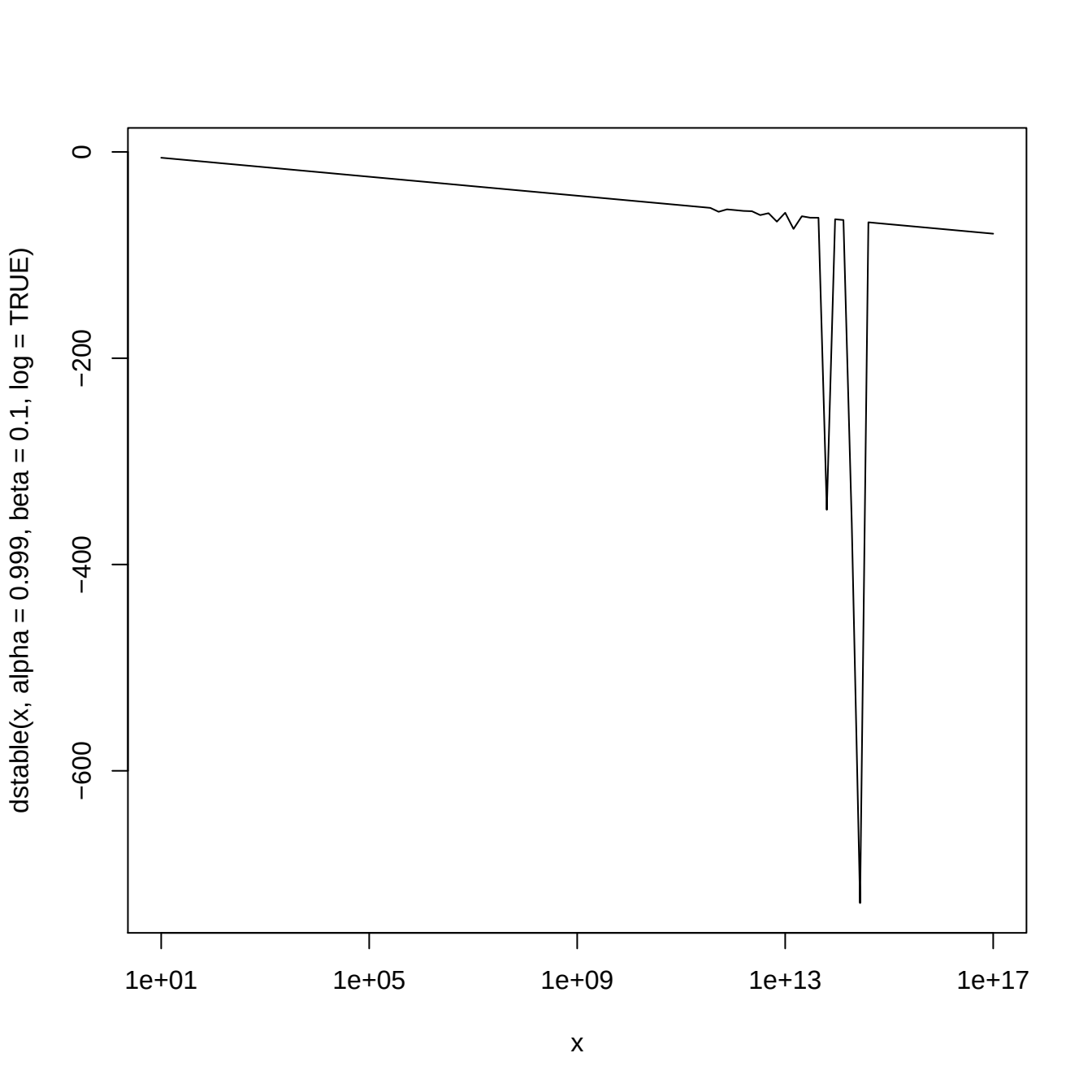

tail ratio approx. for dstable(α = 1.5, β = 0.8)
ε(x) = (f(x, .) − f_P(x, .))/f_P(x, .)
log(ε) = 12.59 + −2.264log(x)
ε ('eps')
1e−01
1e−02
1e−03
1e−04
1e−05
5
10
50
100
500
5000
50000
x

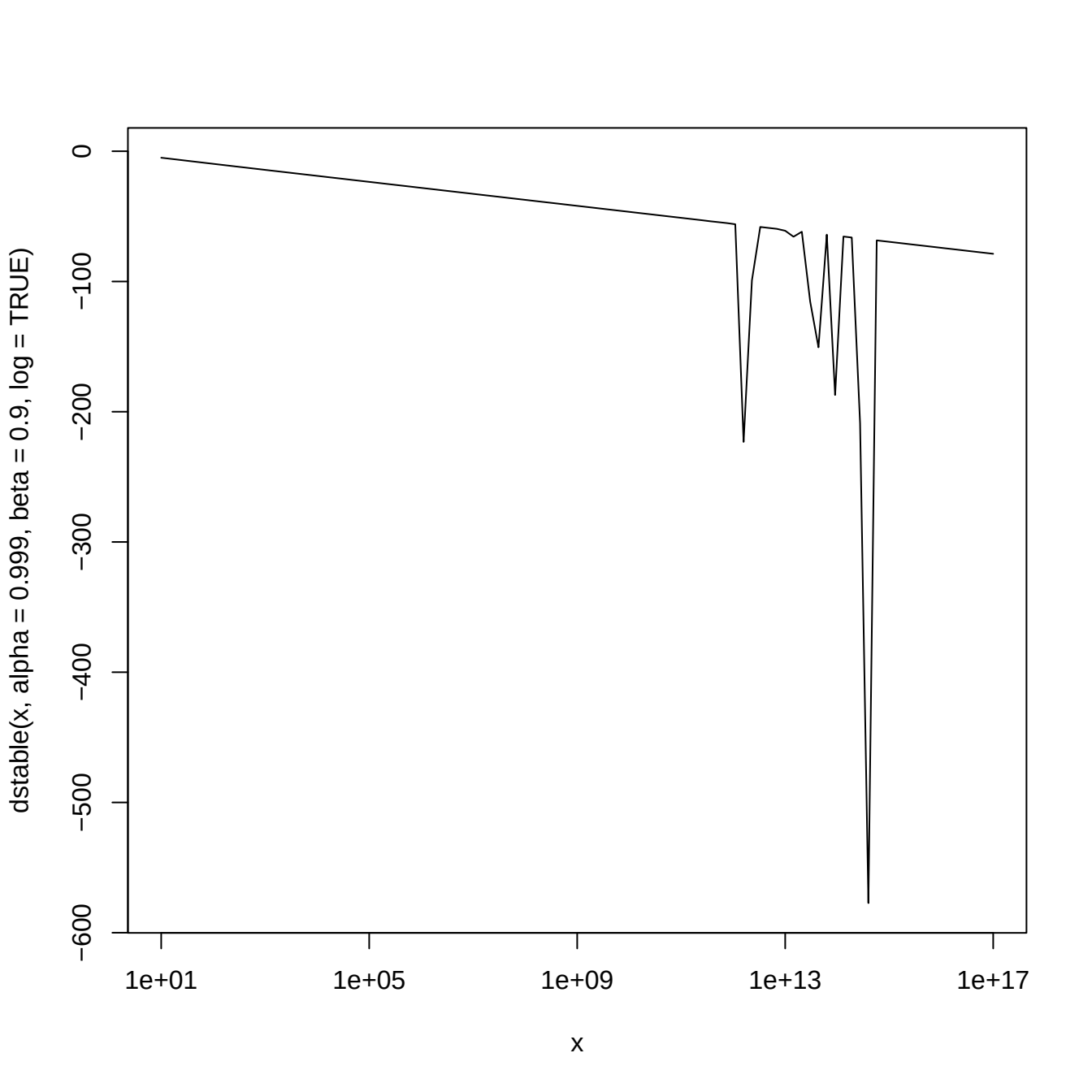

tail ratio approx. for dstable(α = 1.6, β = 0.9)
ε(x) = (f(x, .) − f_P(x, .))/f_P(x, .)
log(ε) = 1.178 + −1.124log(x)
ε ('eps')
0.50
0.20
0.10
0.05
0.02
5
10
20
50
100
x

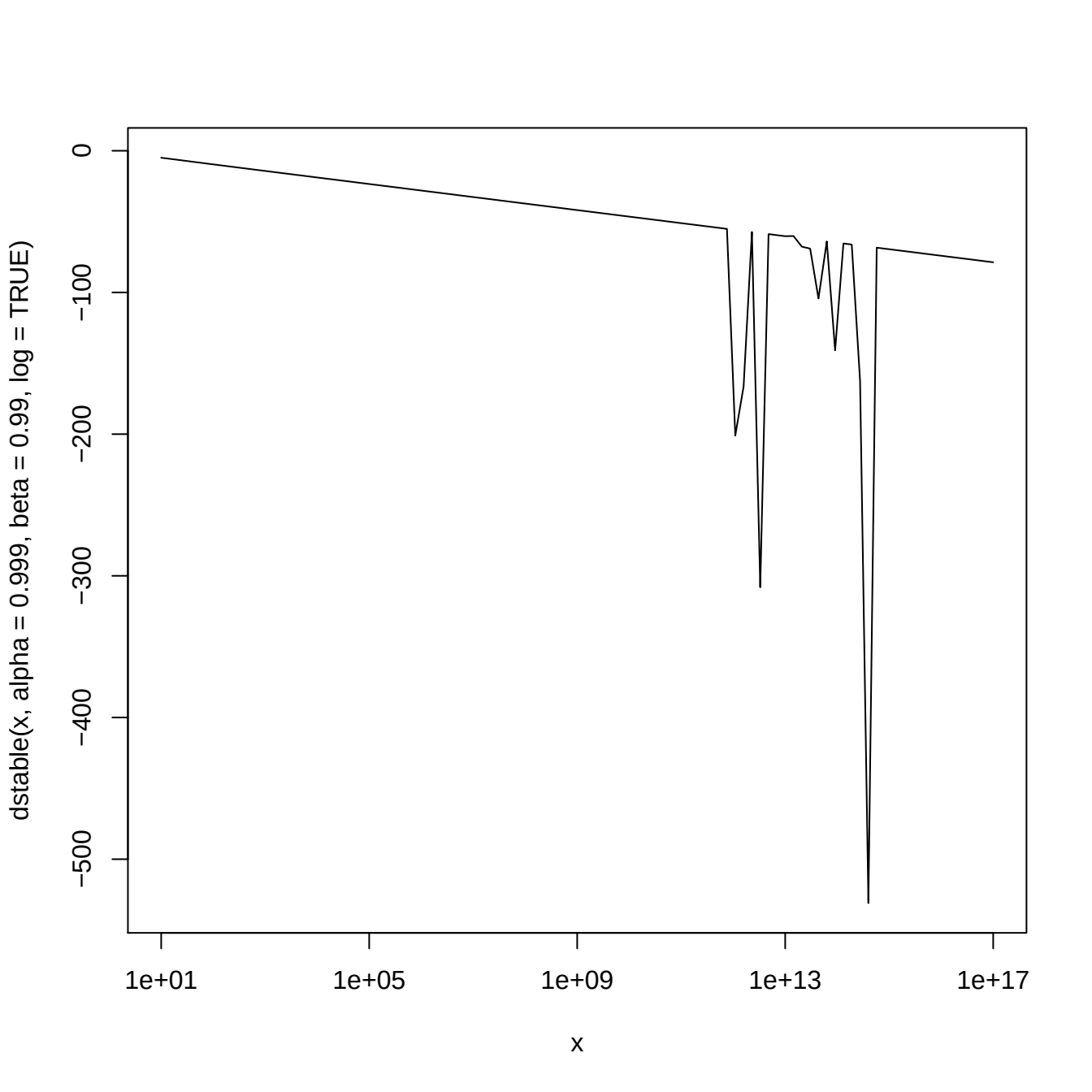

tail ratio approx. for dstable(α = 1.7, β = 0.1)
ε(x) = (f(x, .) − f_P(x, .))/f_P(x, .)
log(ε) = 1.995 + −1.698log(x)
ε ('eps')
2.00
1.00
0.50
0.20
0.10
0.05
0.02
5
10
20
x

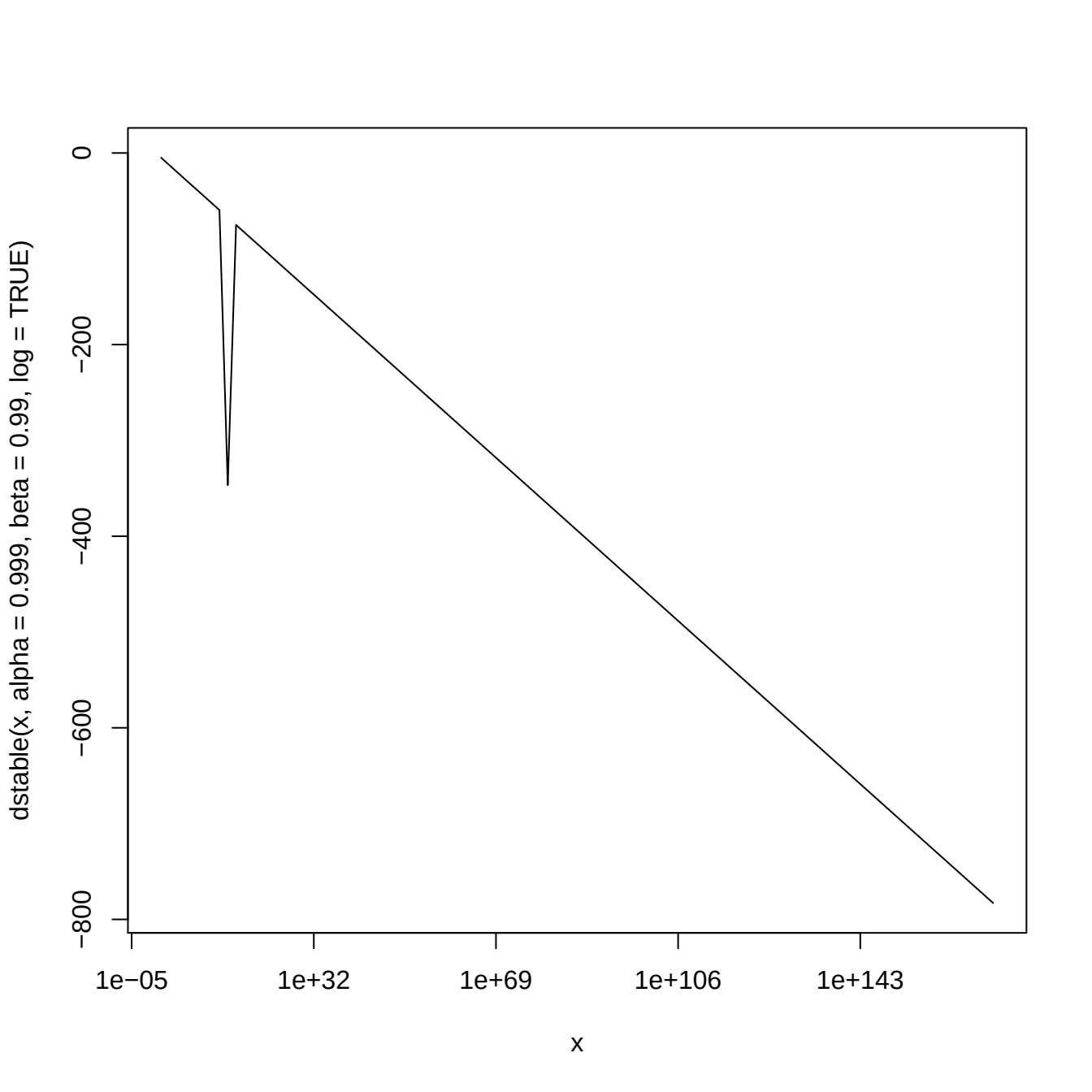

tail ratio approx. for dstable(α = 1.8, β = 0.2)
ε(x) = (f(x, .) − f_P(x, .))/f_P(x, .)
log(ε) = 2.619 + −1.901log(x)
ε ('eps')
0.02
0.05
0.10
0.20
0.50
1.00
2.00
5
10
20
x

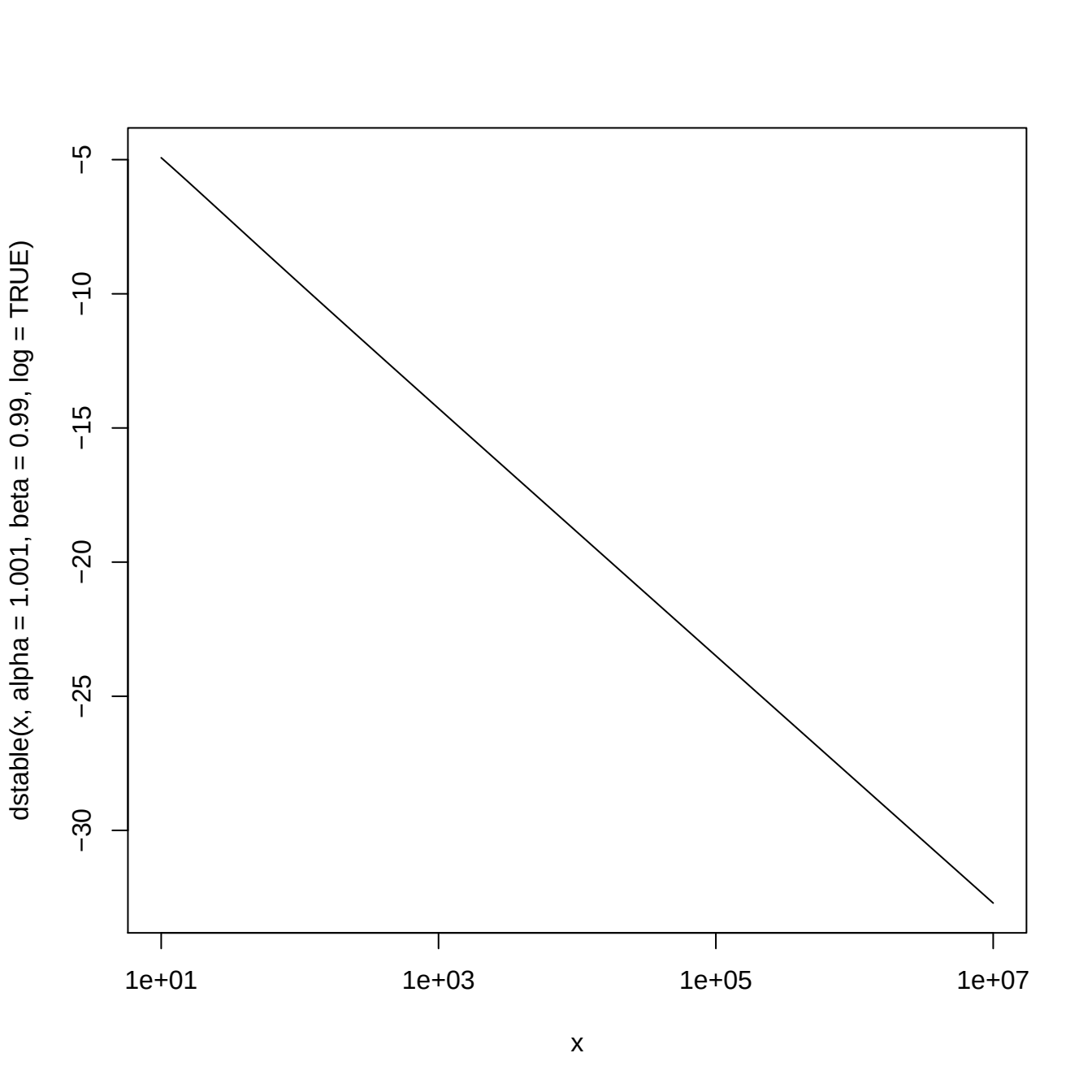

dstable(x, alpha = 0.998, beta = 0, log = TRUE)
0
−200
−400
−600
−800
1e+01
1e+05
1e+09
1e+13
1e+17
x

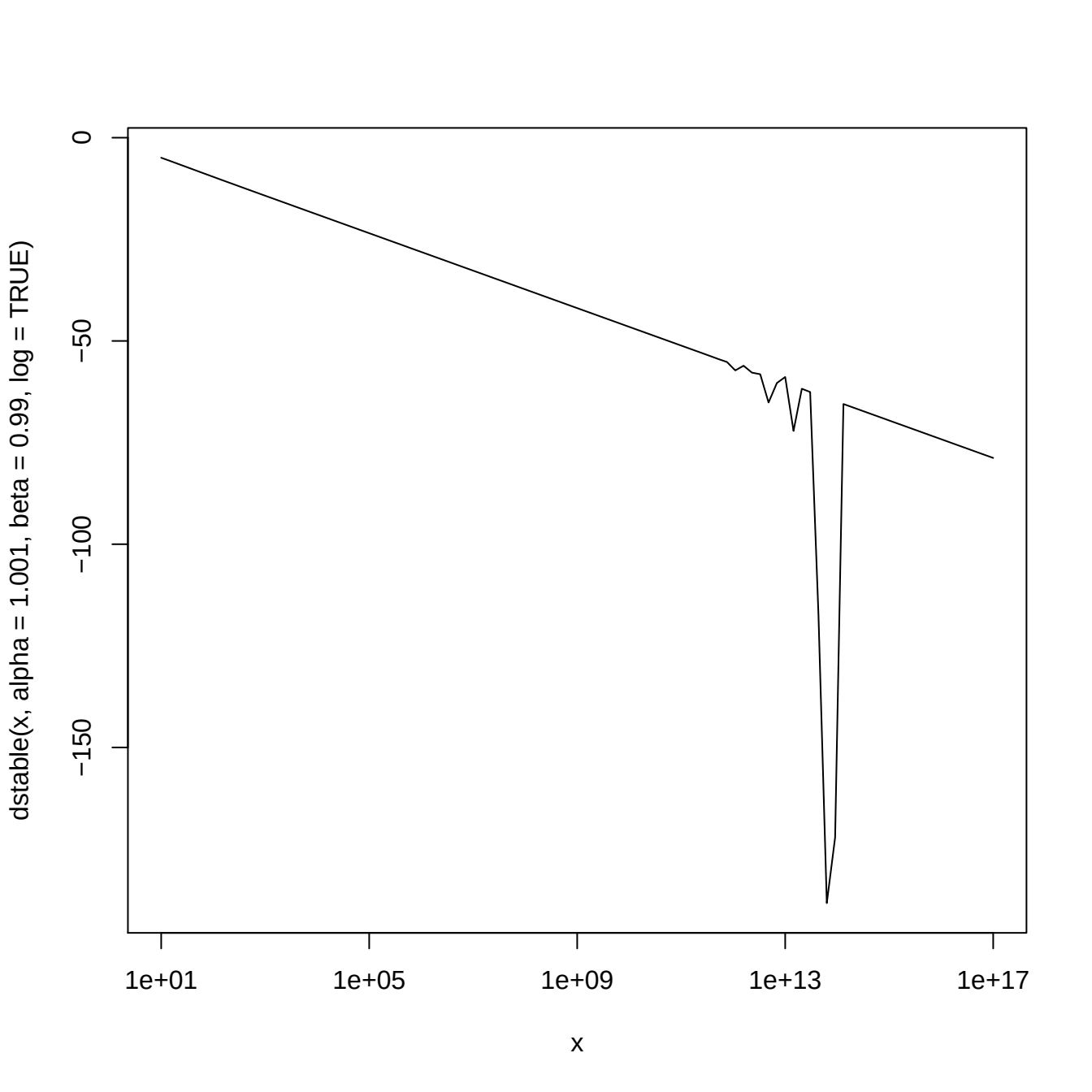

dstable(x, alpha = 0.999, beta = 0.1, log = TRUE)
0
−200
−400
−600
1e+01
1e+05
1e+09
1e+13
1e+17
x

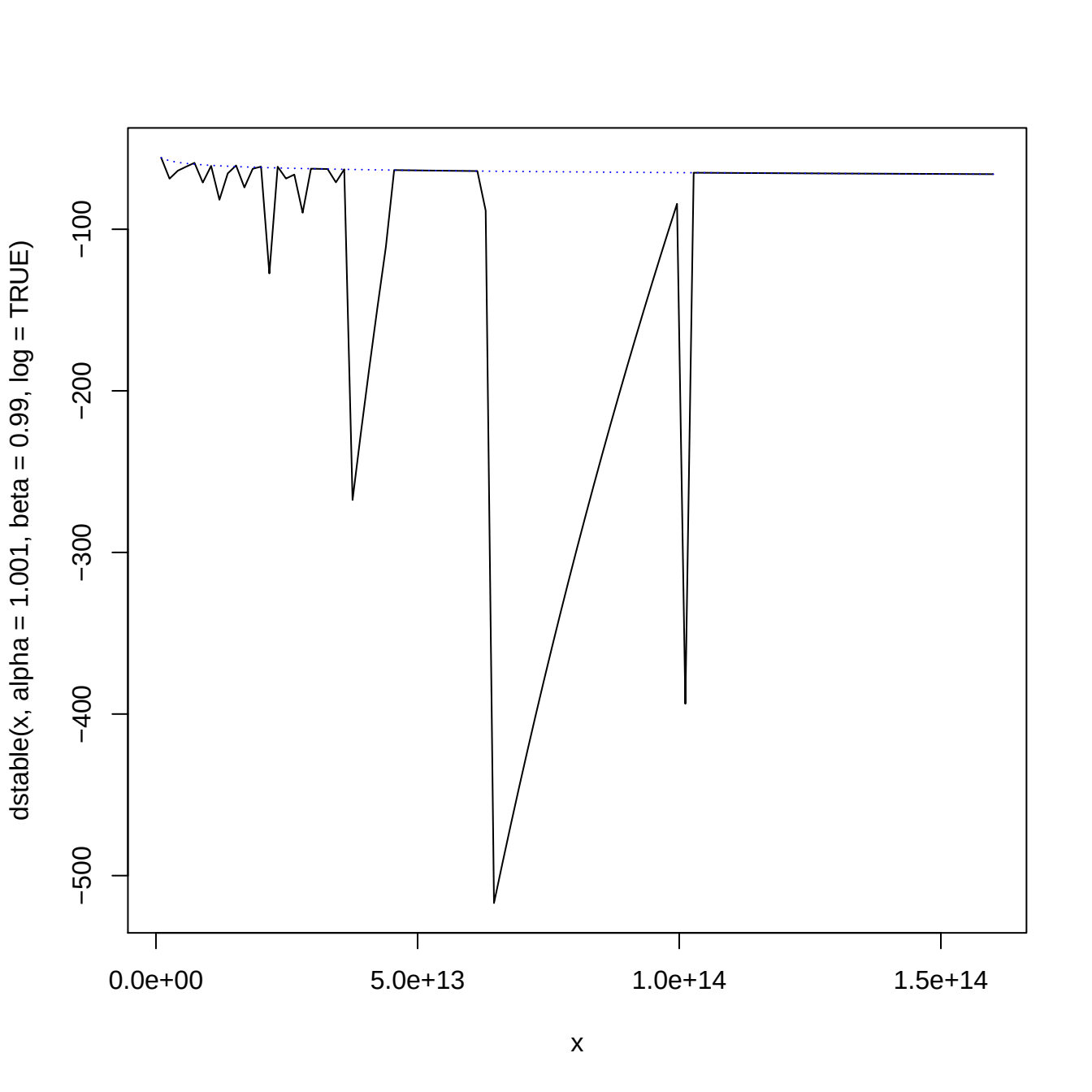

dstable(x, alpha = 0.999, beta = 0.9, log = TRUE)
0
−100
−200
−300
−400
−500
−600
1e+01
1e+05
1e+09
1e+13
1e+17
x

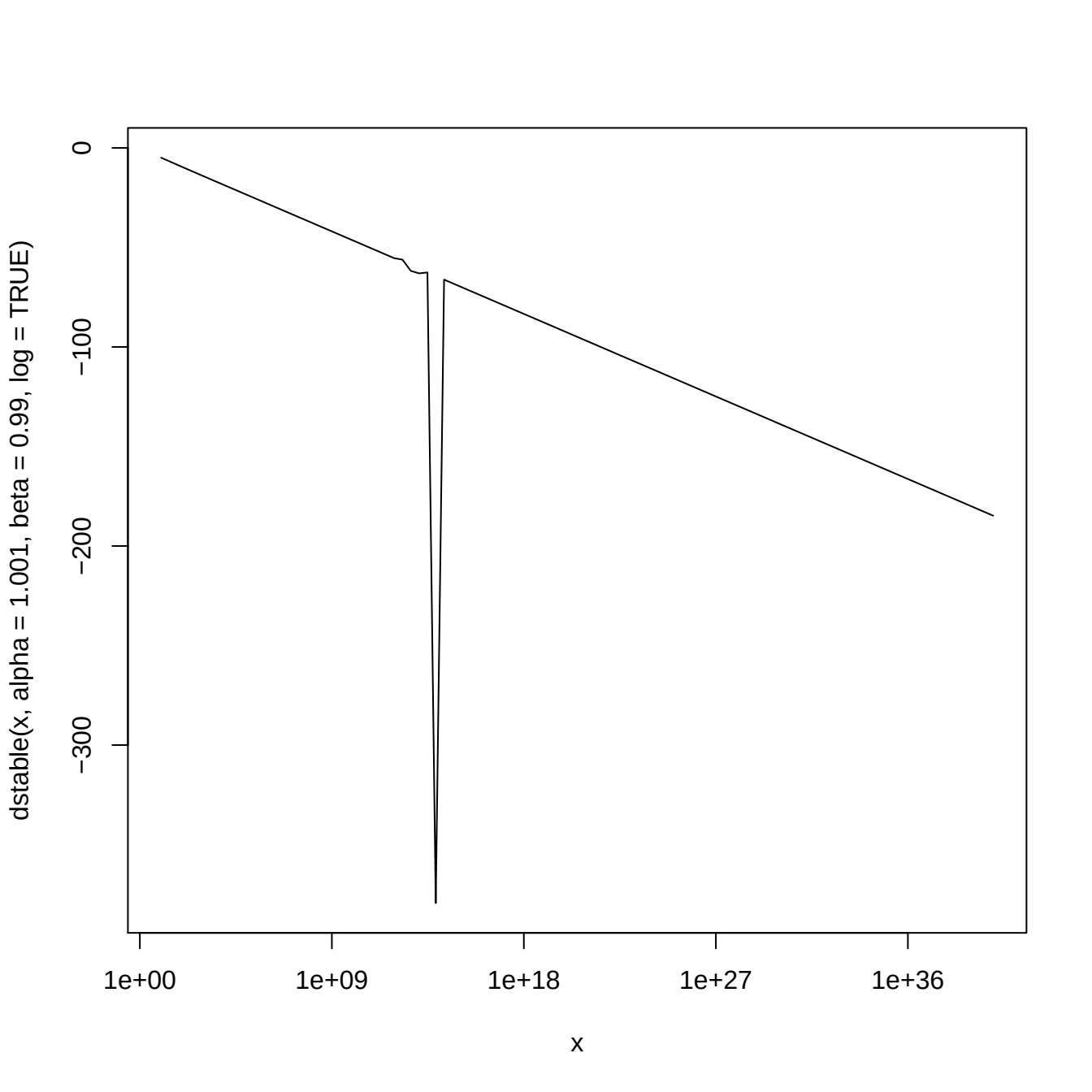

dstable(x, alpha = 0.999, beta = 0.99, log = TRUE)
0
−100
−200
−300
−400
−500
1e+01
1e+05
1e+09
1e+13
1e+17
x

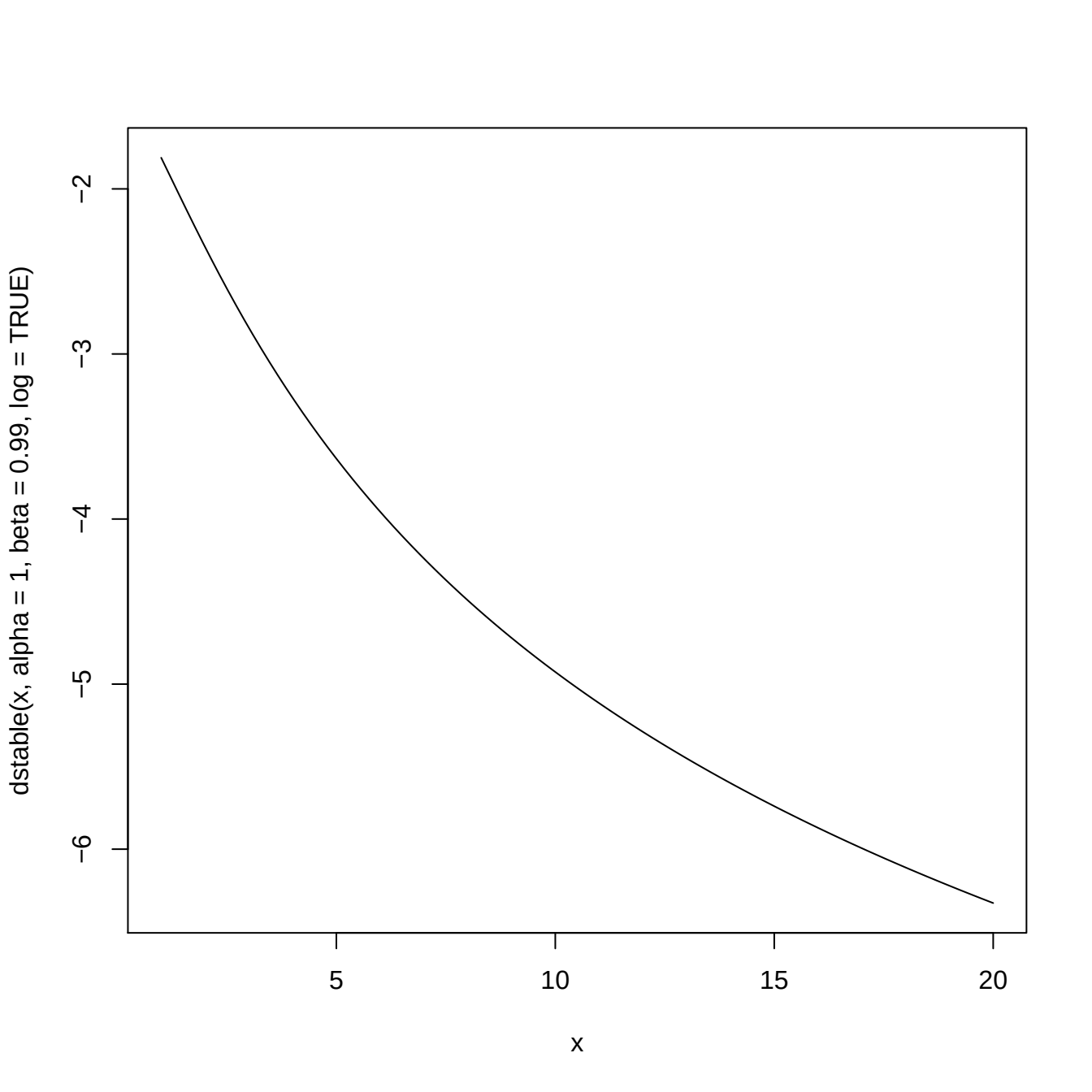

dstable(x, alpha = 0.999, beta = 0.99, log = TRUE)
0
−200
−400
−600
−800
1e−05
1e+32
1e+69
1e+106
1e+143
x

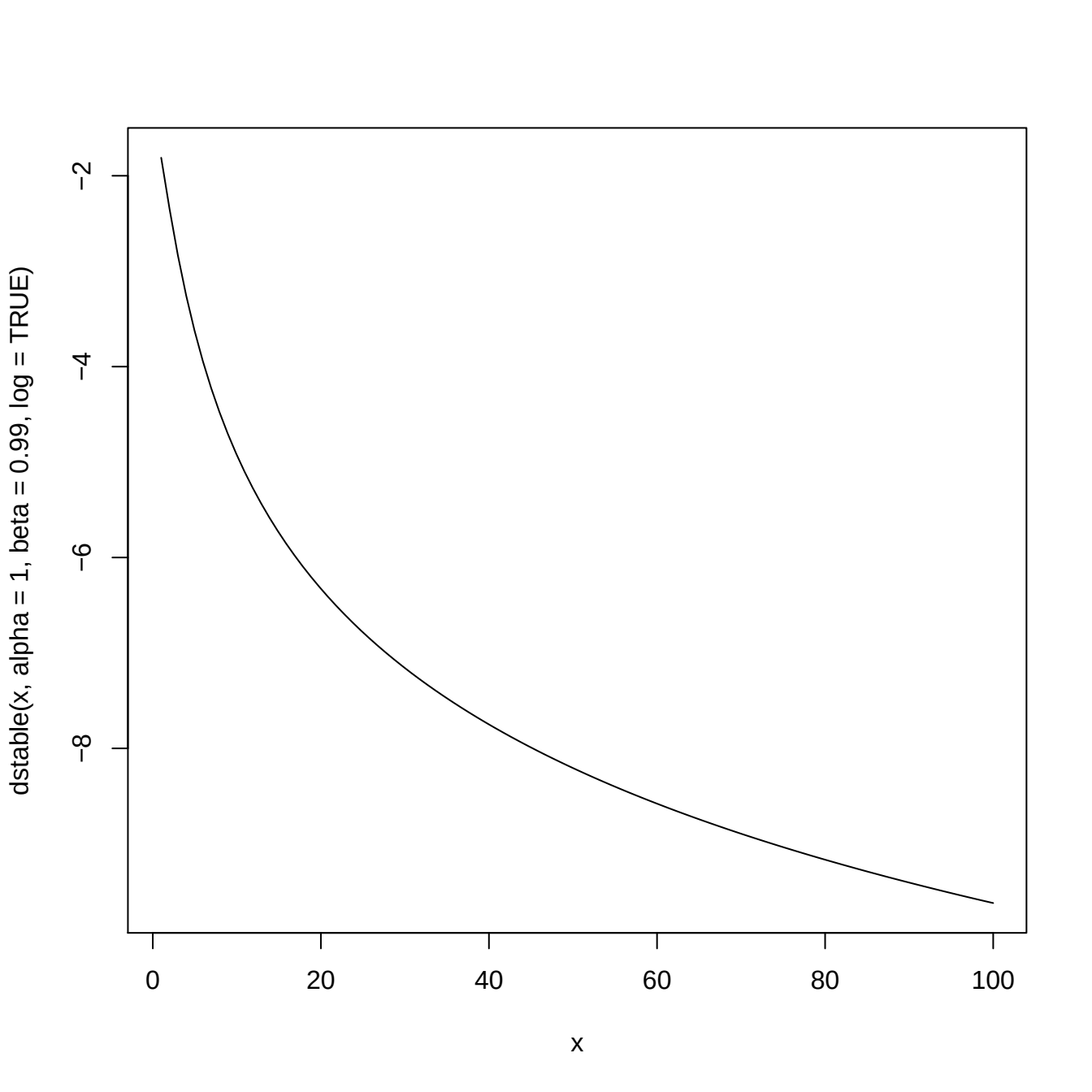

dstable(x, alpha = 1.001, beta = 0.99, log = TRUE)
−5
−10
−15
−20
−25
−30
1e+01
1e+03
1e+05
1e+07
x


dstable(x, alpha = 1.001, beta = 0.99, log = TRUE)
0
−50
−100
−150
1e+01
1e+05
1e+09
1e+13
1e+17
x


dstable(x, alpha = 1.001, beta = 0.99, log = TRUE)
−100
−200
−300
−400
−500
0.0e+00
5.0e+13
1.0e+14
1.5e+14
x


dstable(x, alpha = 1.001, beta = 0.99, log = TRUE)
0
−100
−200
−300
1e+00
1e+09
1e+18
1e+27
1e+36
x


dstable(x, alpha = 1, beta = 0.99, log = TRUE)
−2
−3
−4
−5
−6
5
10
15
20
x


dstable(x, alpha = 1, beta = 0.99, log = TRUE)
−2
−4
−6
−8
0
20
40
60
80
100
x