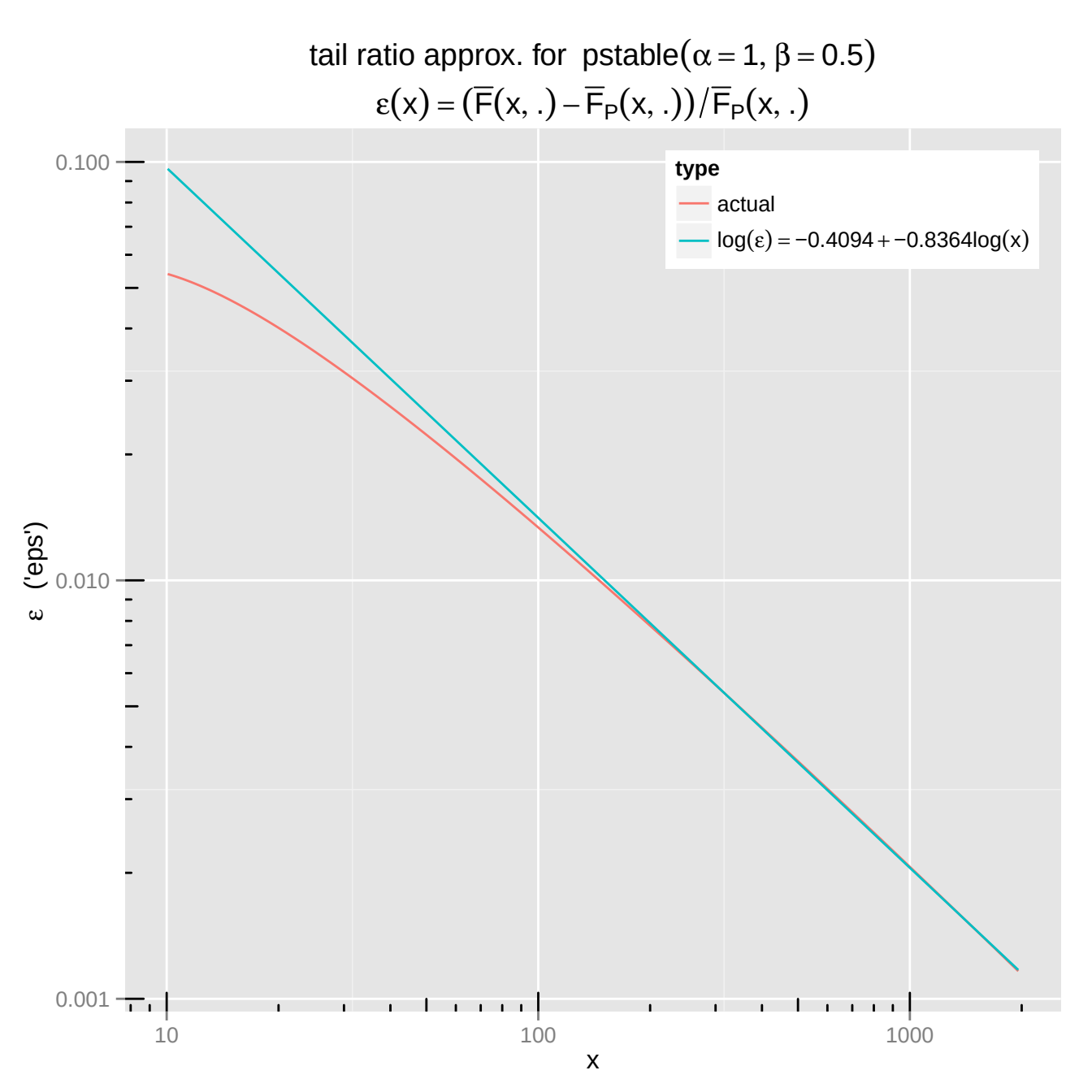
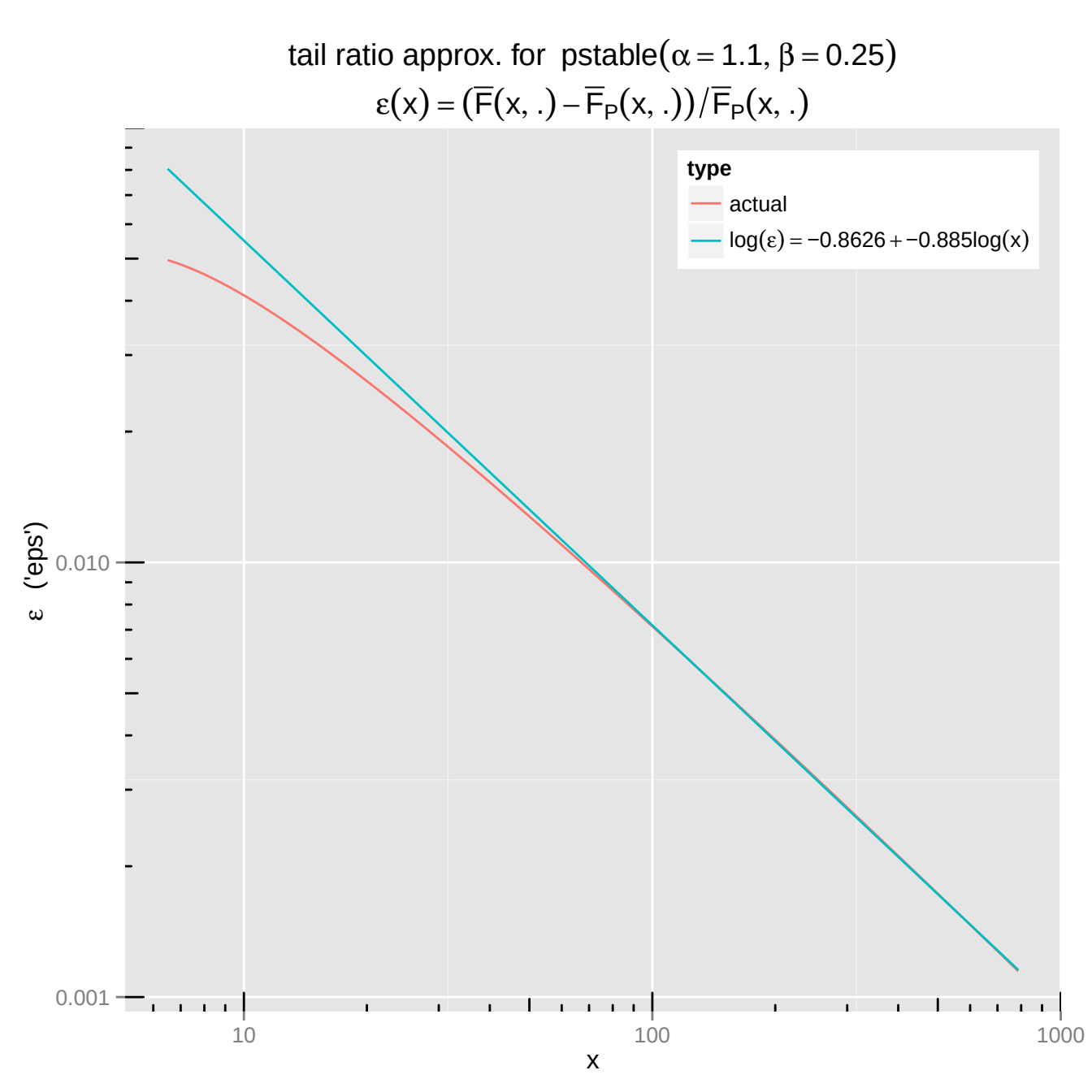
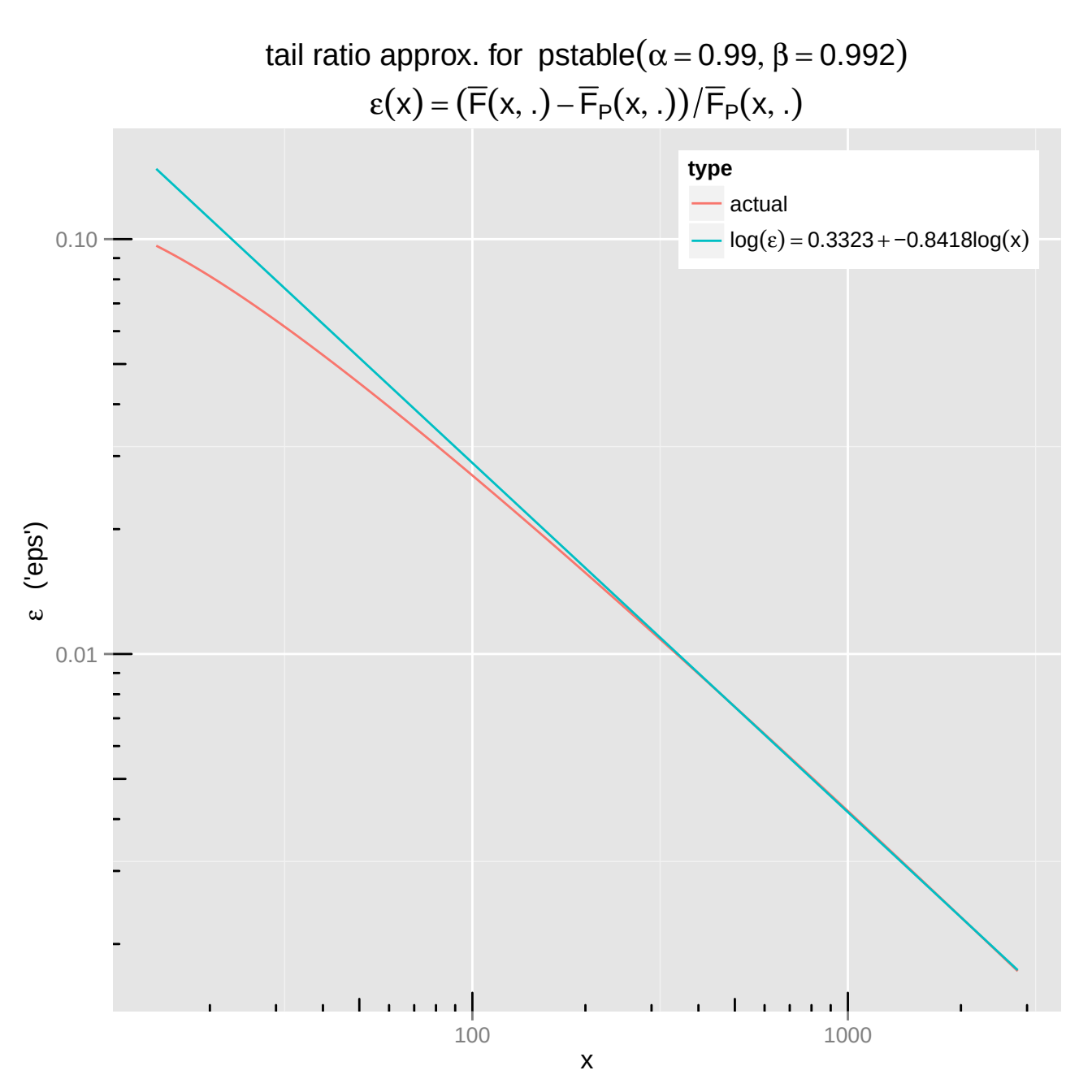
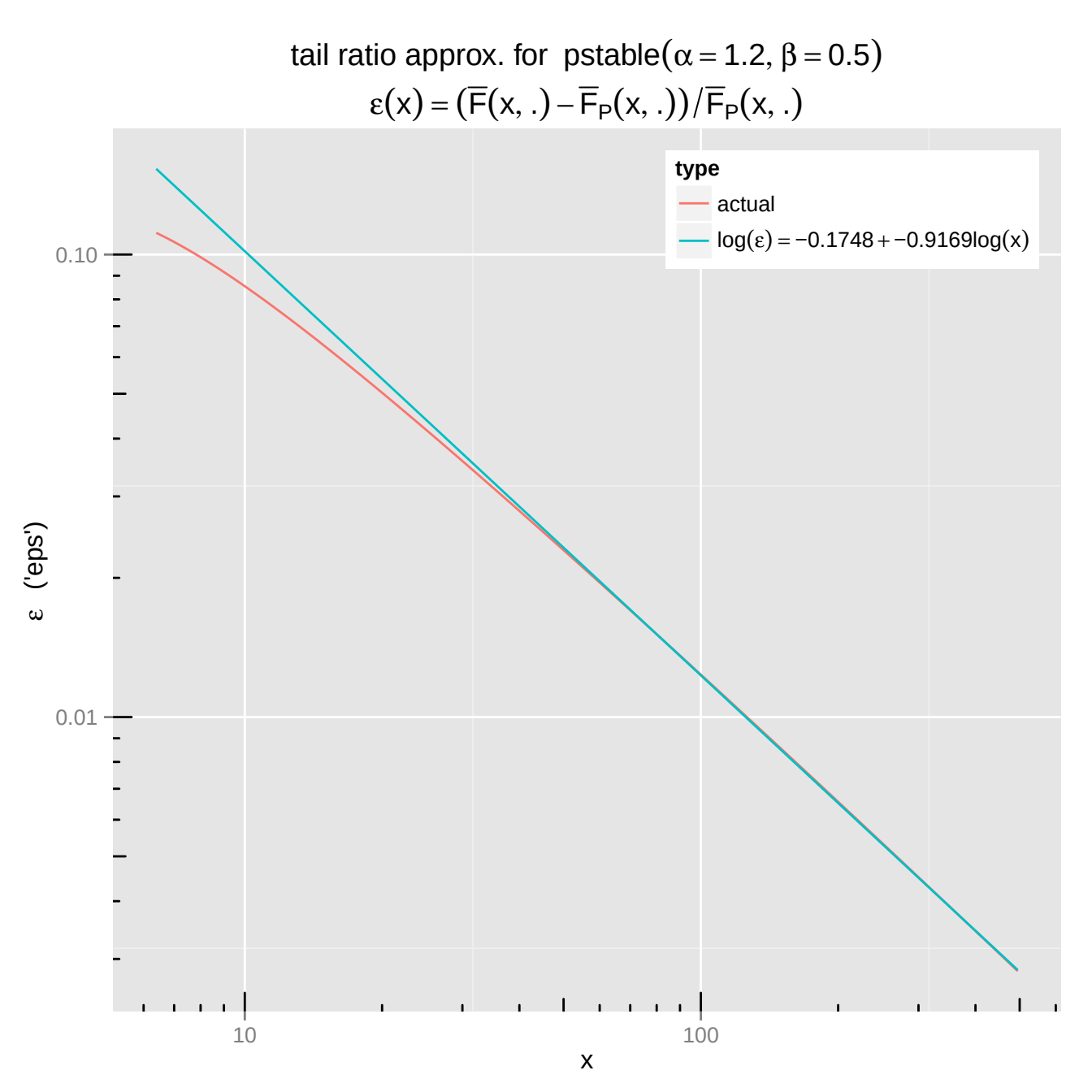
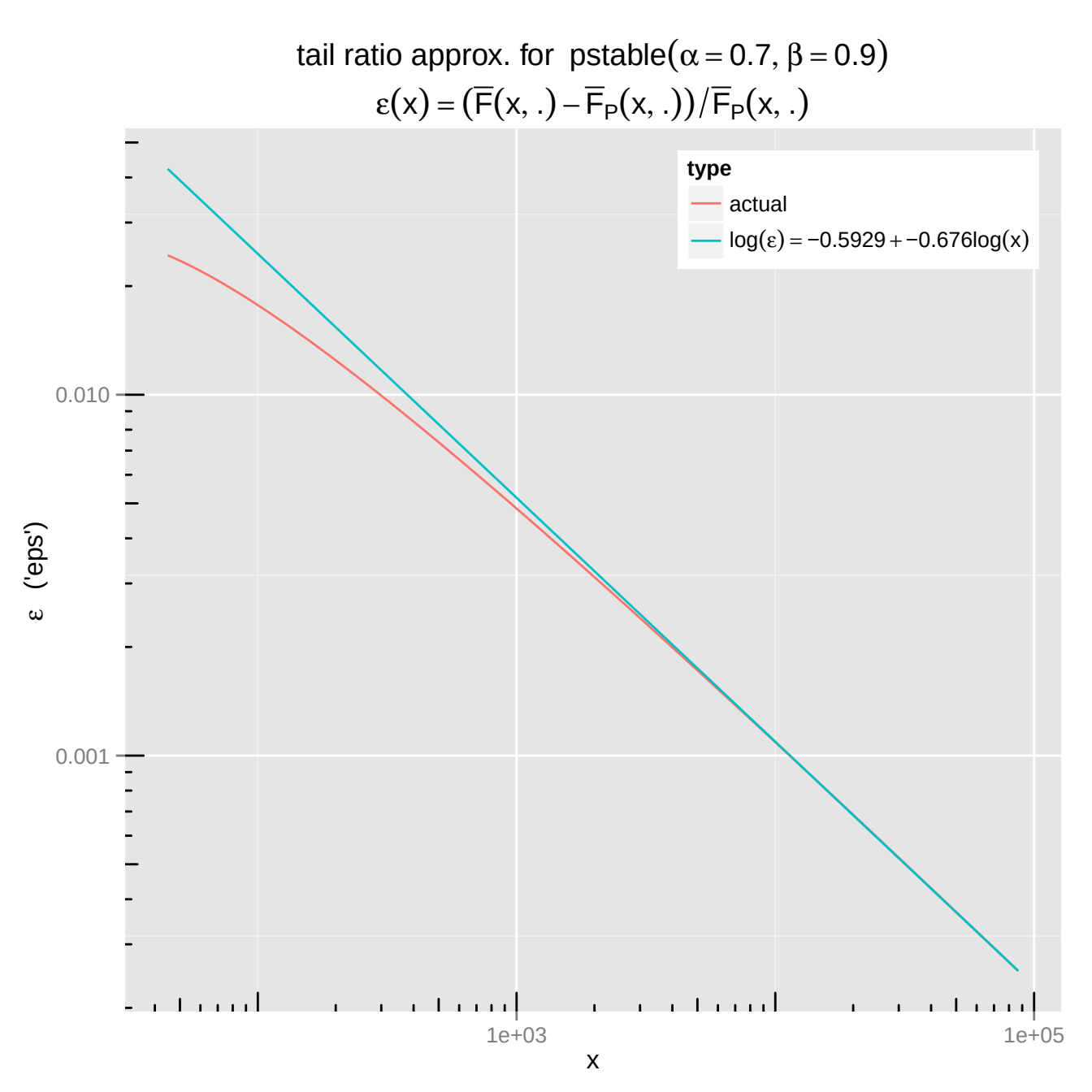
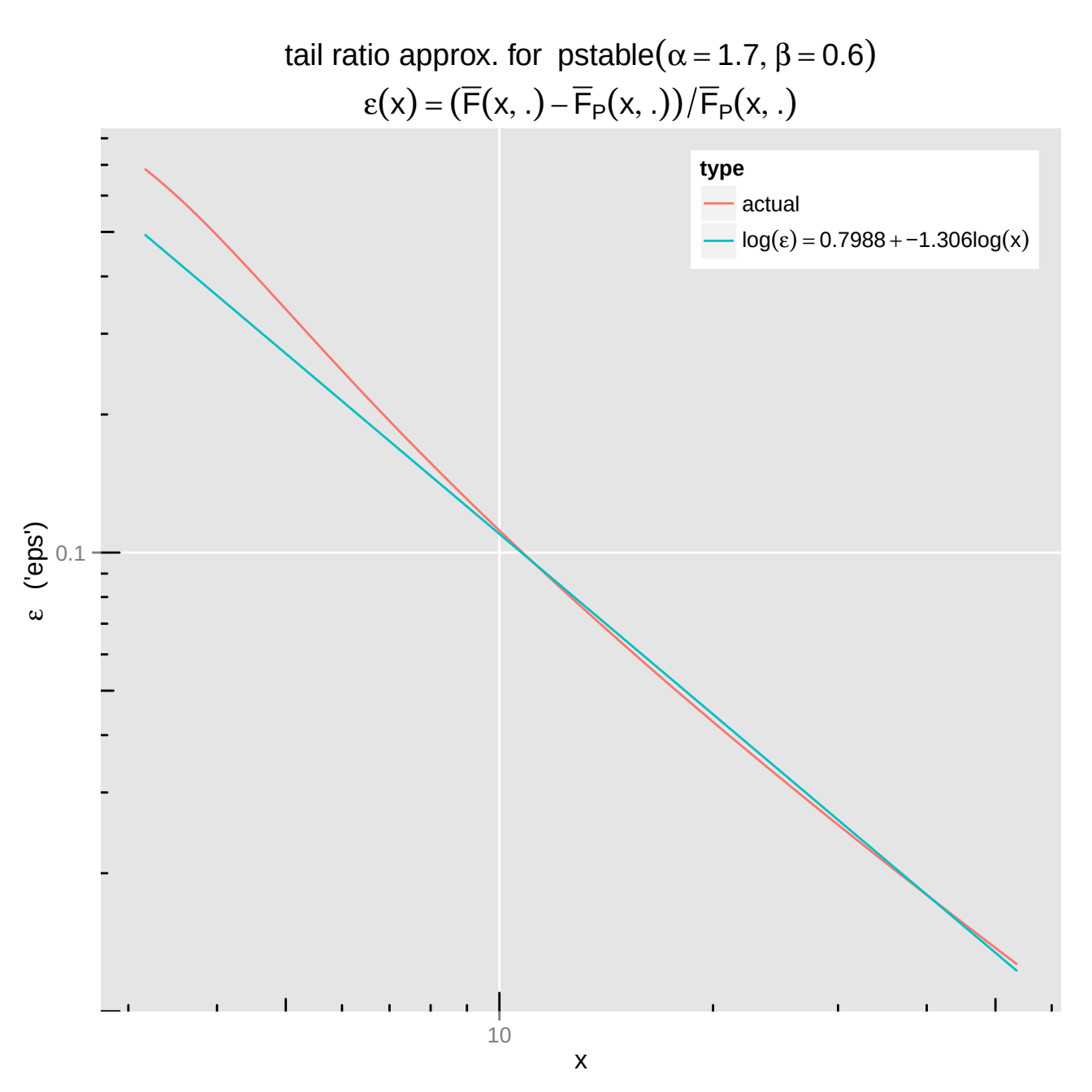

tail ratio approx. for pstable(α = 1, β = 0.5)
ε(x) = (F̄(x, .) − F̄P(x, .))/F̄P(x, .)
type
actual
log(ε) = −0.4094 + −0.8364log(x)
0.100
0.010
0.001
ε ('eps')
10
100
1000
x

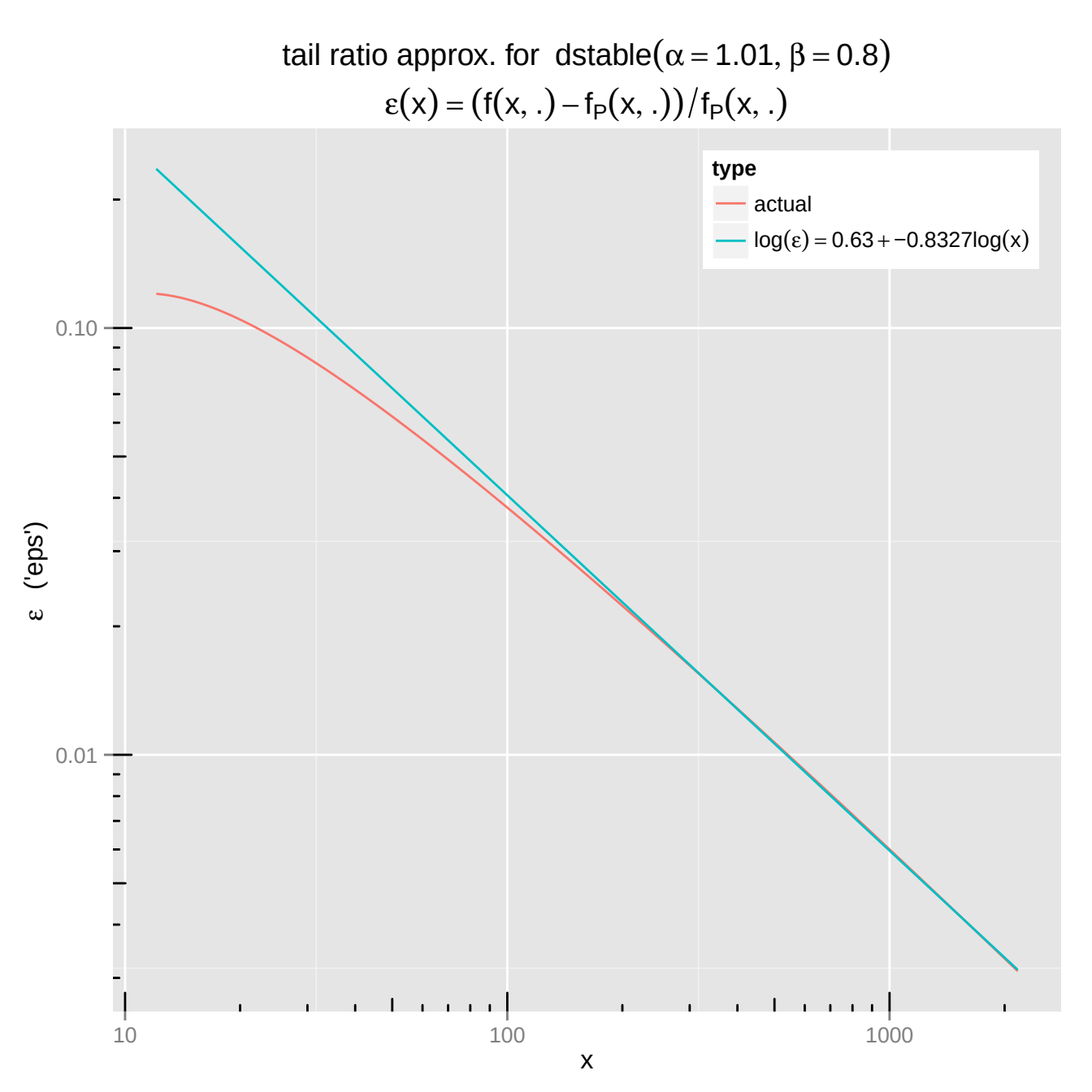

tail ratio approx. for pstable(α = 1.1, β = 0.25)
ε(x) = (F̄(x, .) − F̄P(x, .))/F̄P(x, .)
type
actual
log(ε) = −0.8626 + −0.885log(x)
ε ('eps')
0.010
0.001
10
100
1000
x

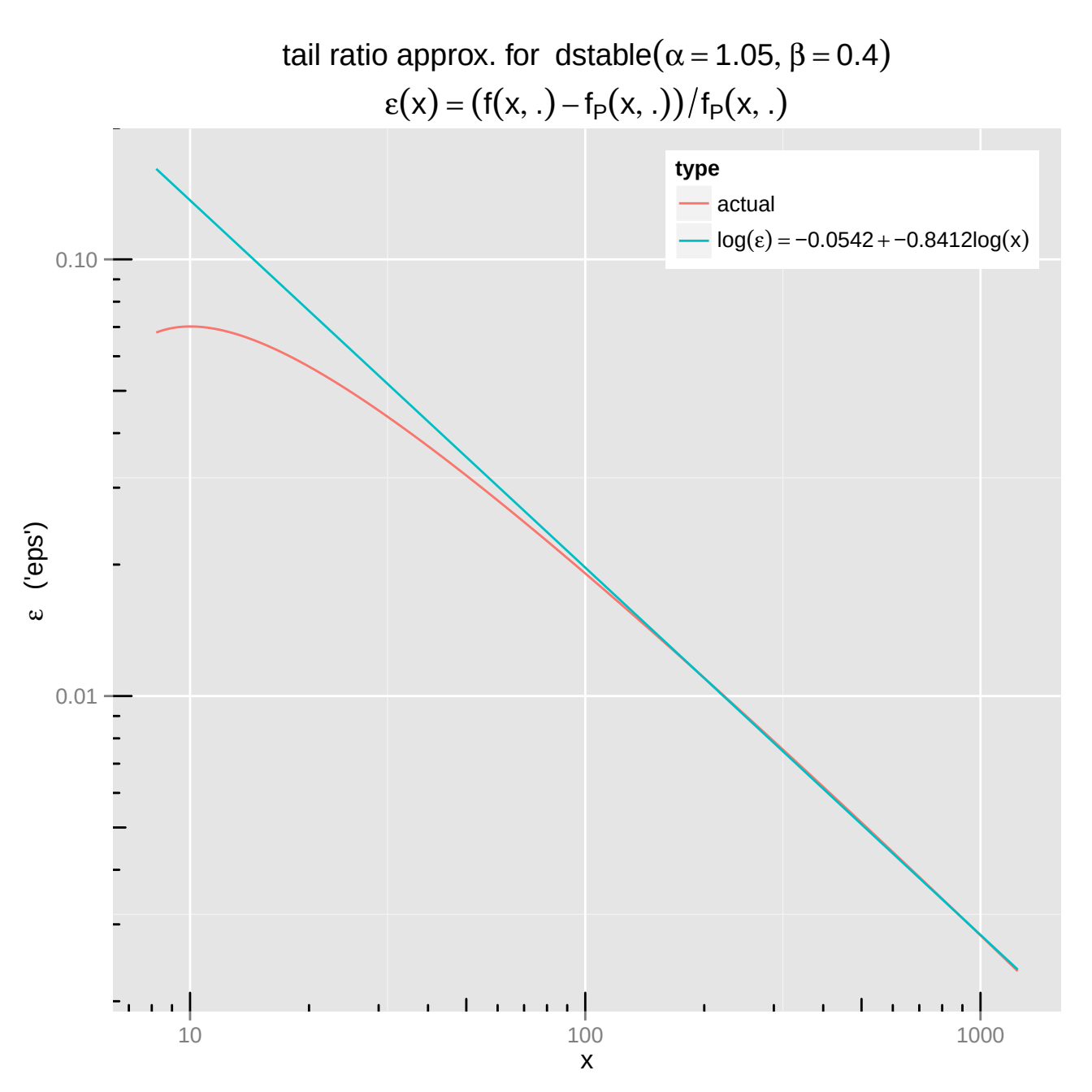

tail ratio approx. for pstable(α = 0.99, β = 0.992)
ε(x) = (F̄(x, .) − F̄P(x, .))/F̄P(x, .)
type
actual
log(ε) = 0.3323 + −0.8418log(x)
0.10
0.01
ε ('eps')
100
1000
x

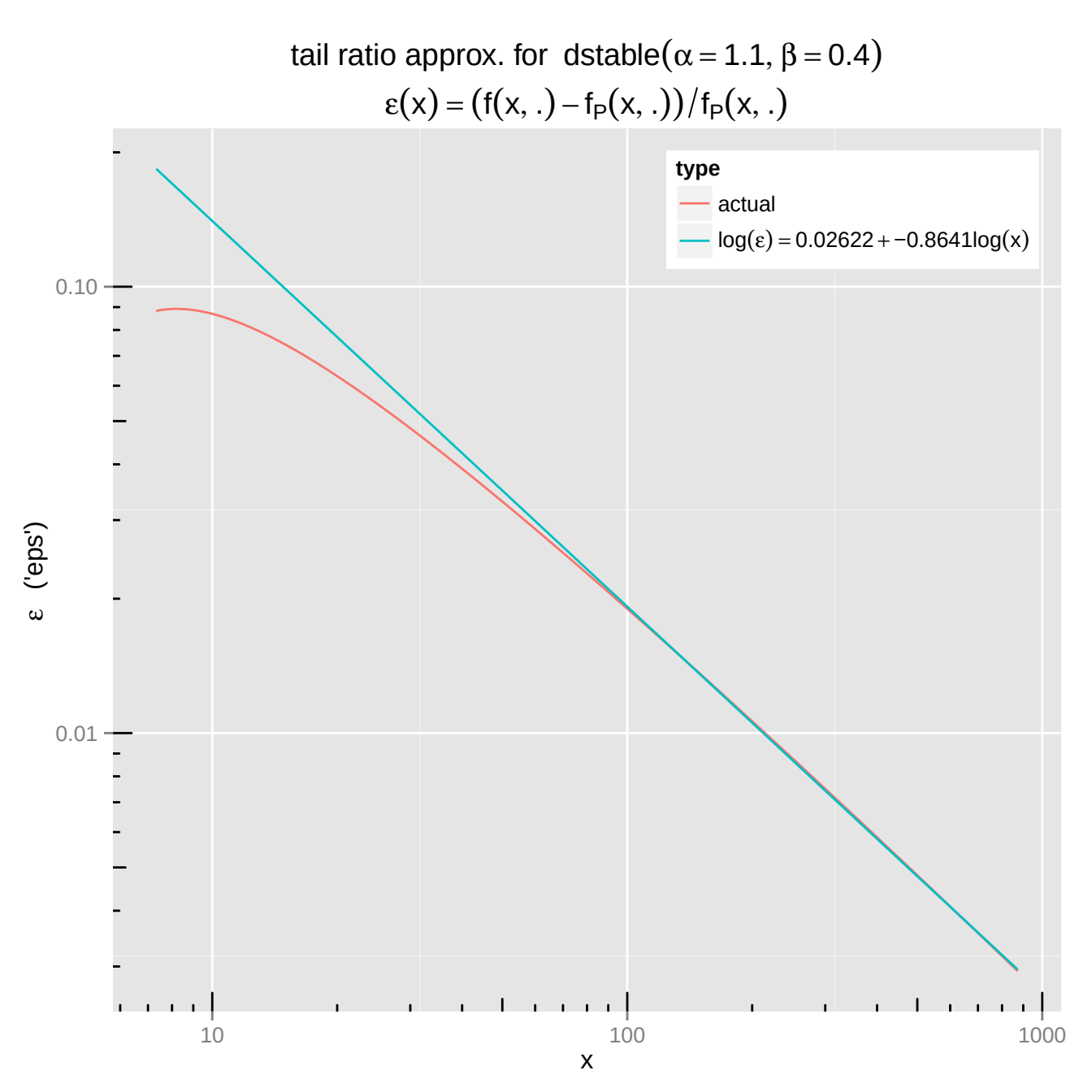

tail ratio approx. for pstable(α = 1.2, β = 0.5)
ε(x) = (F̄(x, .) − F̄P(x, .))/F̄P(x, .)
type
actual
log(ε) = −0.1748 + −0.9169log(x)
0.10
0.01
ε ('eps')
10
100
x

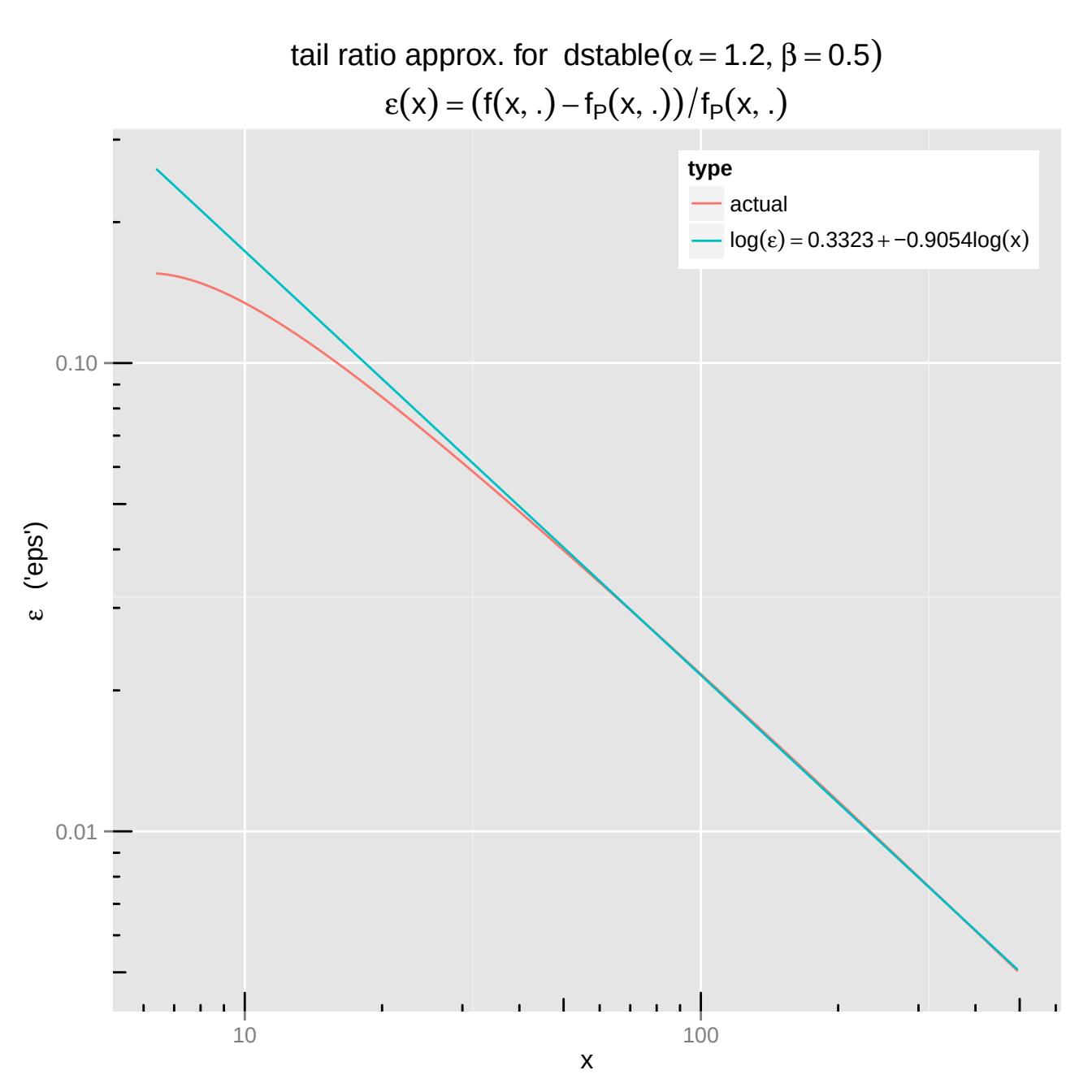

tail ratio approx. for pstable(α = 0.7, β = 0.9)
ε(x) = (F̄(x, .) − F̄P(x, .))/F̄P(x, .)
type
actual
log(ε) = −0.5929 + −0.676log(x)
0.010
0.001
ε ('eps')
1e+03
1e+05
x

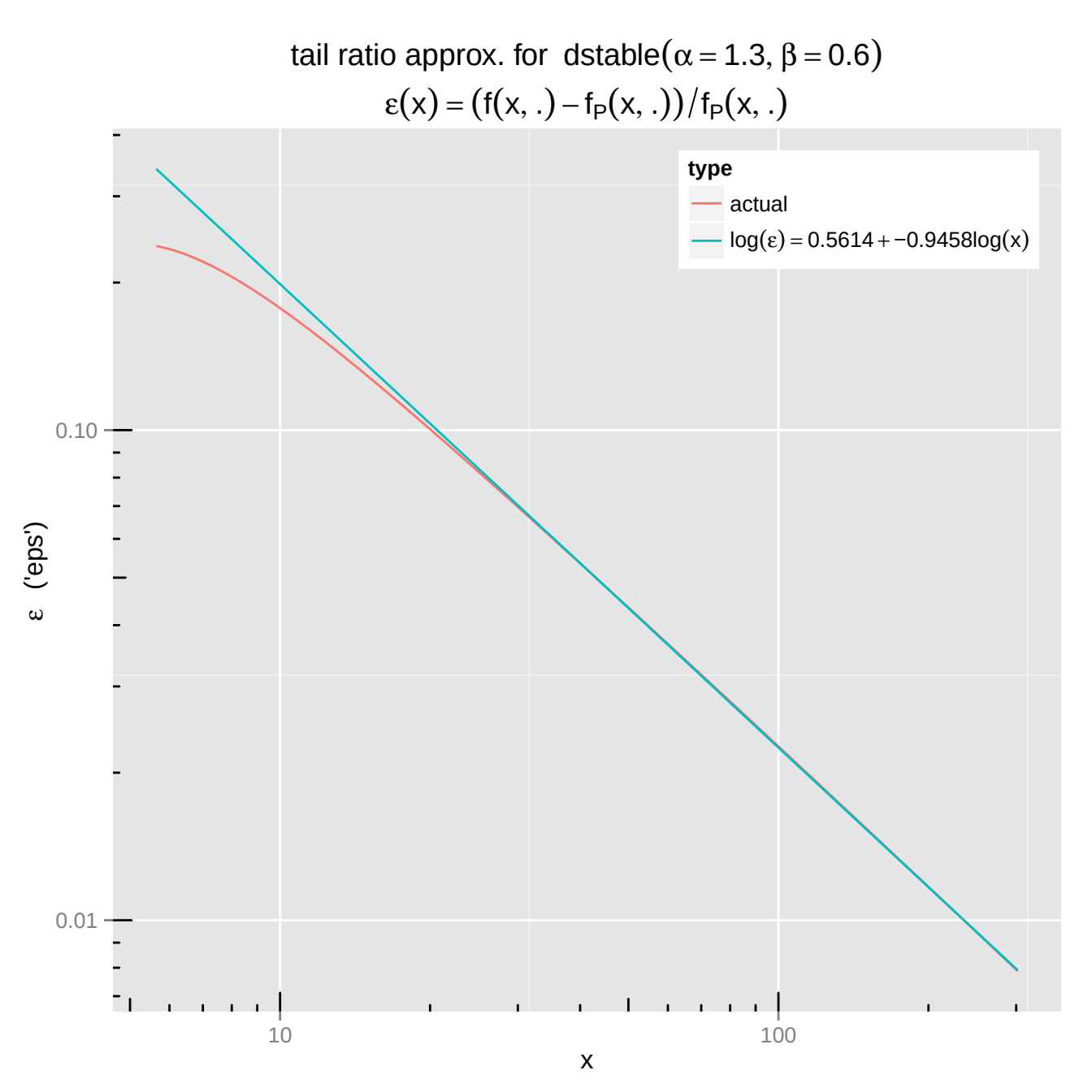

tail ratio approx. for pstable(α = 1.7, β = 0.6)
ε(x) = (F̄(x, .) − F̄P(x, .))/F̄P(x, .)
type
actual
log(ε) = 0.7988 + −1.306log(x)
ε ('eps')
0.1
10
x

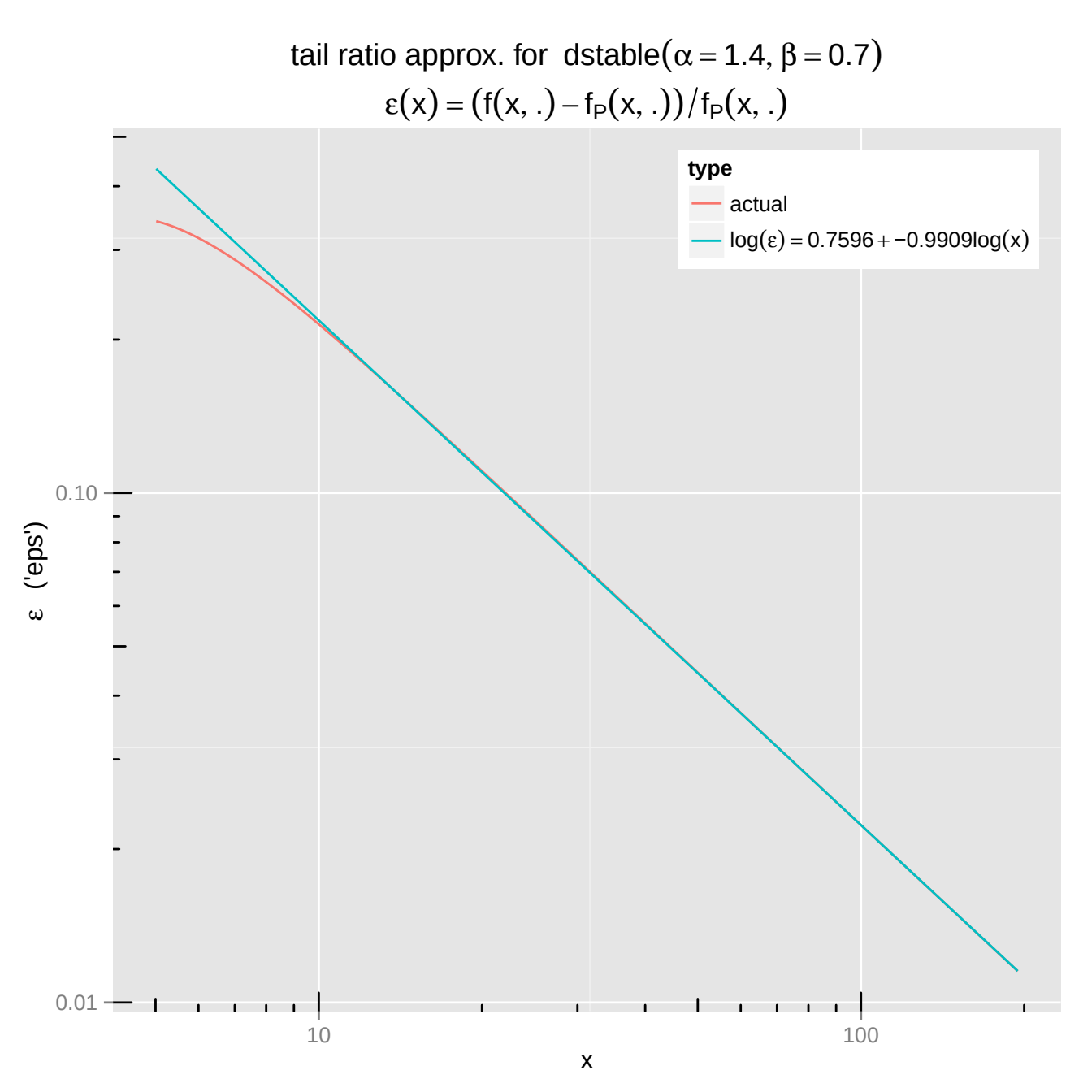

tail ratio approx. for dstable(α = 1.01, β = 0.8)
ε(x) = (f(x, .) − f_P(x, .))/f_P(x, .)
type
actual
log(ε) = 0.63 + −0.8327log(x)
0.10
0.01
ε ('eps')
10
100
1000
x

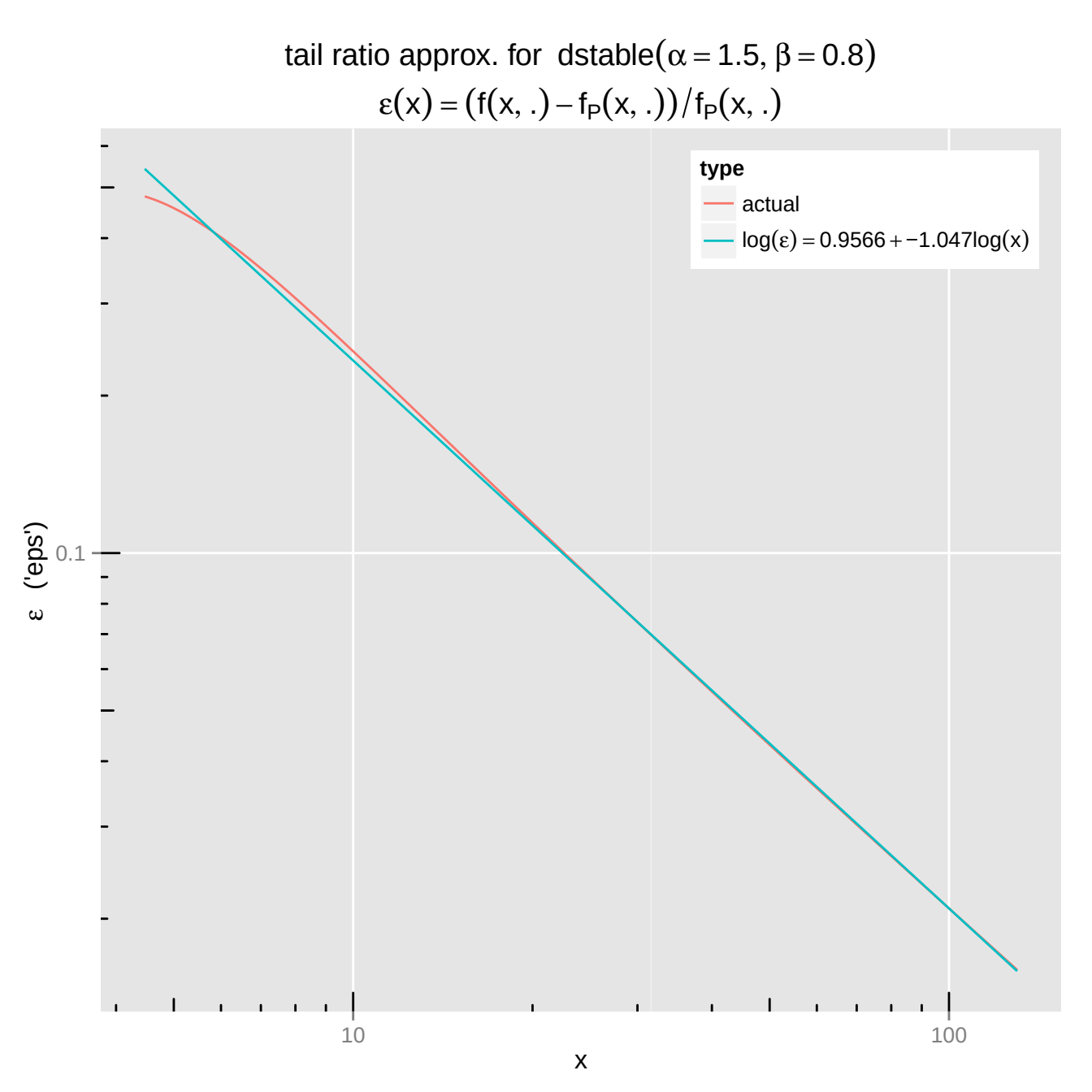

tail ratio approx. for dstable(α = 1.05, β = 0.4)
ε(x) = (f(x, .) − f_P(x, .))/f_P(x, .)
type
actual
log(ε) = −0.0542 + −0.8412log(x)
0.10
0.01
ε ('eps')
10
100
1000
x

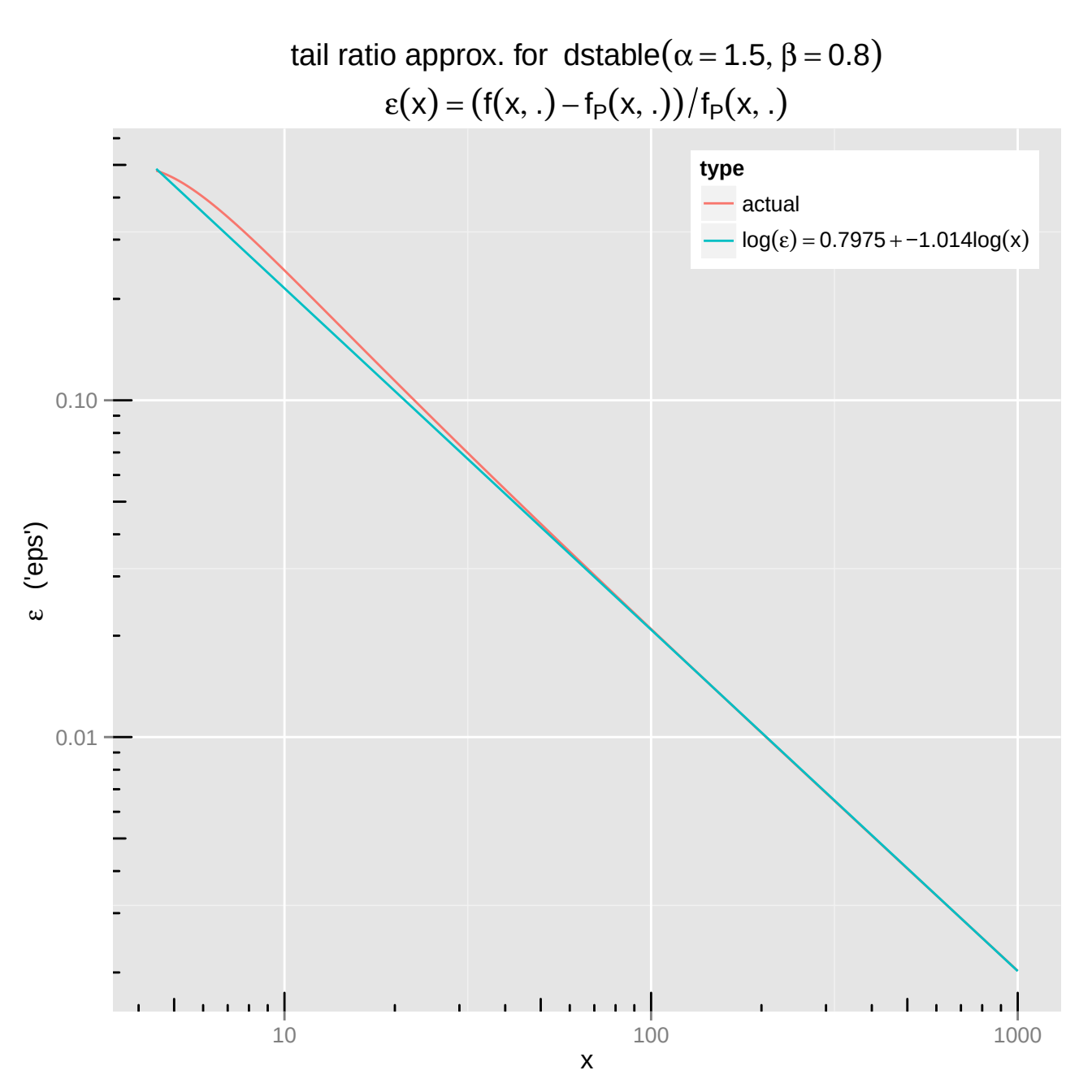

tail ratio approx. for dstable(α = 1.1, β = 0.4)
ε(x) = (f(x, .) − f_P(x, .))/f_P(x, .)
type
actual
log(ε) = 0.02622 + −0.8641log(x)
0.10
0.01
ε ('eps')
10
100
1000
x

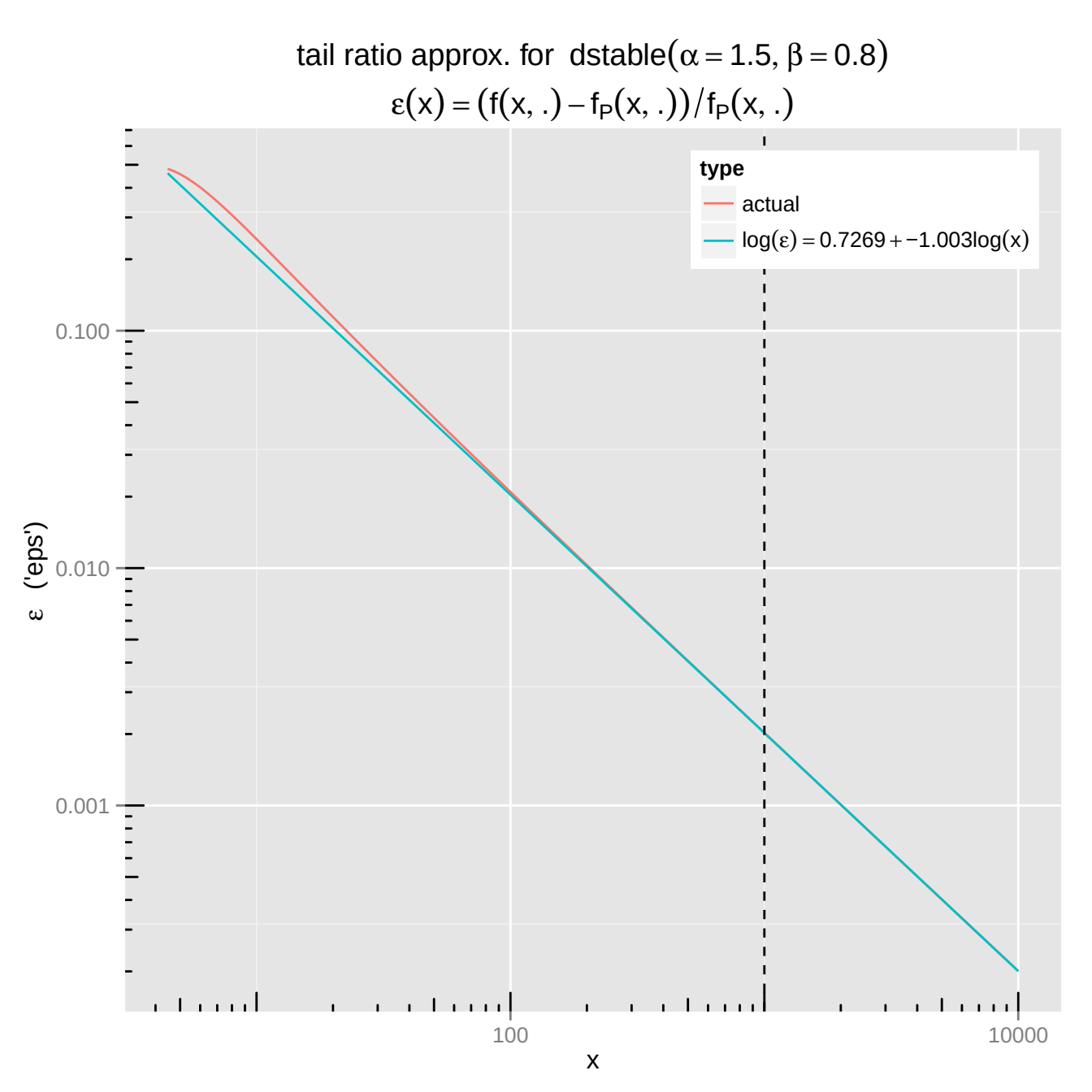

tail ratio approx. for dstable(α = 1.2, β = 0.5)
ε(x) = (f(x, .) − f_P(x, .))/f_P(x, .)
type
actual
log(ε) = 0.3323 + −0.9054log(x)
0.10
0.01
ε ('eps')
10
100
x

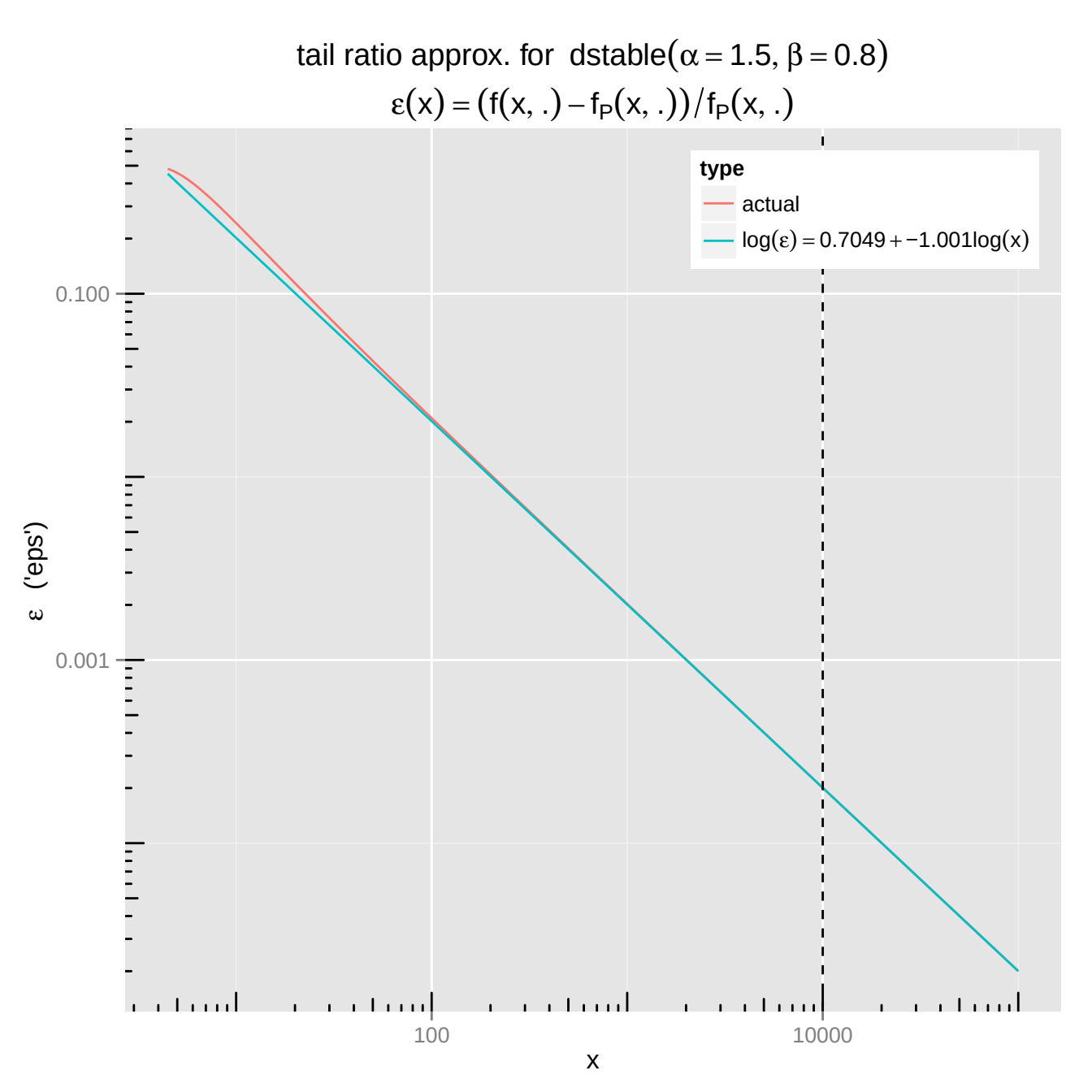

tail ratio approx. for dstable(α = 1.3, β = 0.6)
ε(x) = (f(x, .) − f_P(x, .))/f_P(x, .)
type
actual
log(ε) = 0.5614 + −0.9458log(x)
0.10
0.01
ε ('eps')
10
100
x

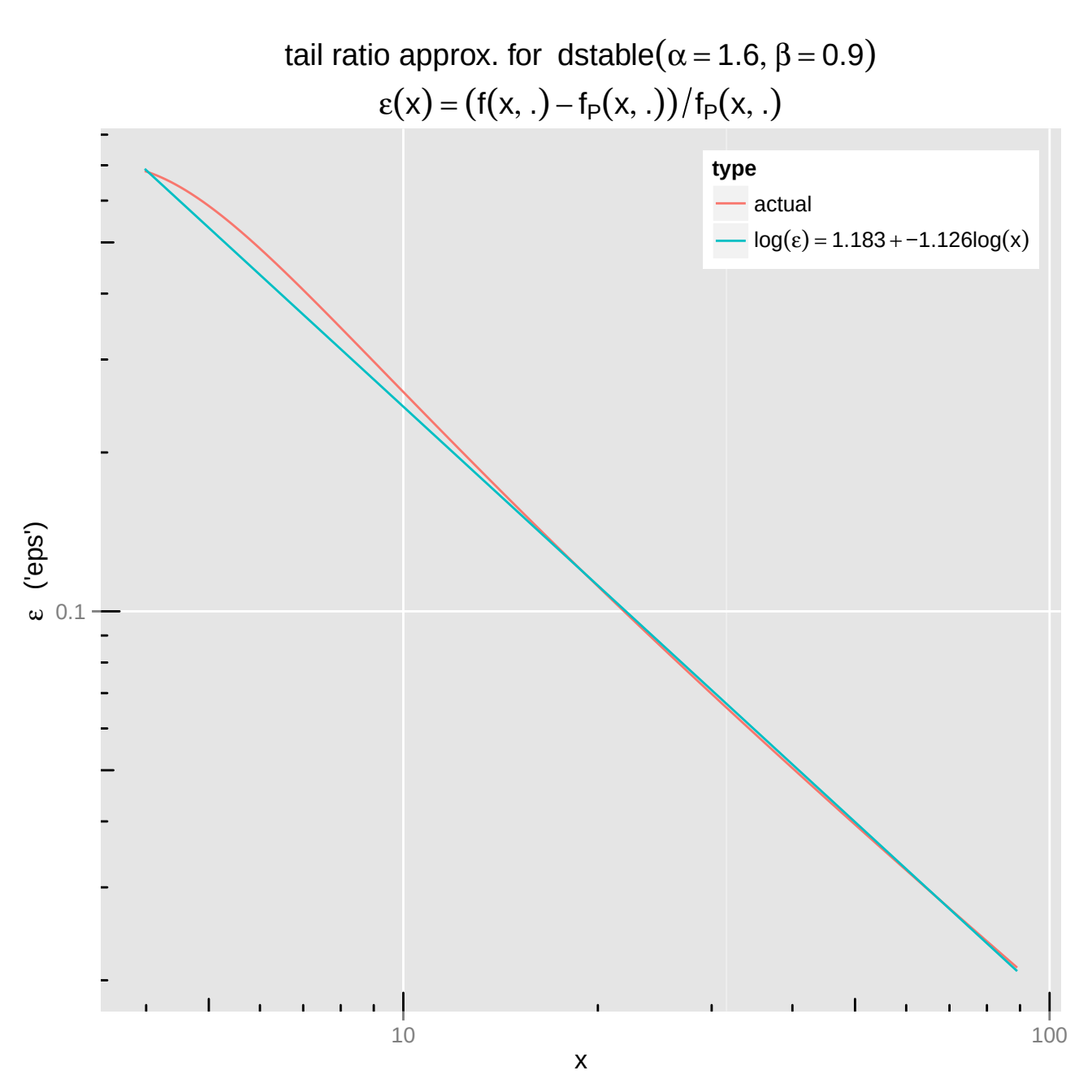

tail ratio approx. for dstable(α = 1.4, β = 0.7)
ε(x) = (f(x, .) − f_P(x, .))/f_P(x, .)
type
actual
log(ε) = 0.7596 + −0.9909log(x)
0.10
0.01
ε ('eps')
10
100
x

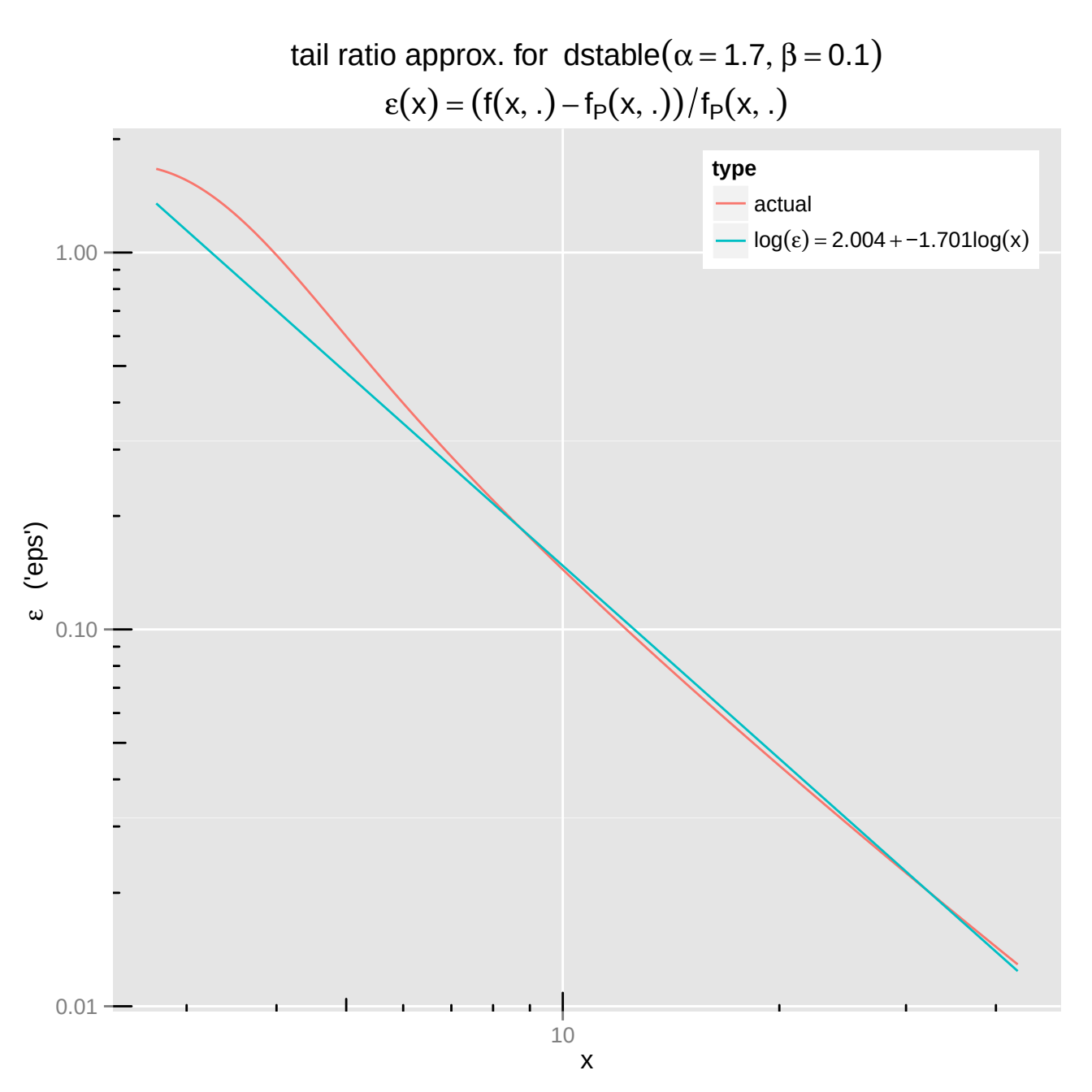

tail ratio approx. for dstable(α = 1.5, β = 0.8)
ε(x) = (f(x, .) − f_P(x, .))/f_P(x, .)
type
actual
log(ε) = 0.9566 + −1.047log(x)
ε ('eps')
0.1
10
100
x

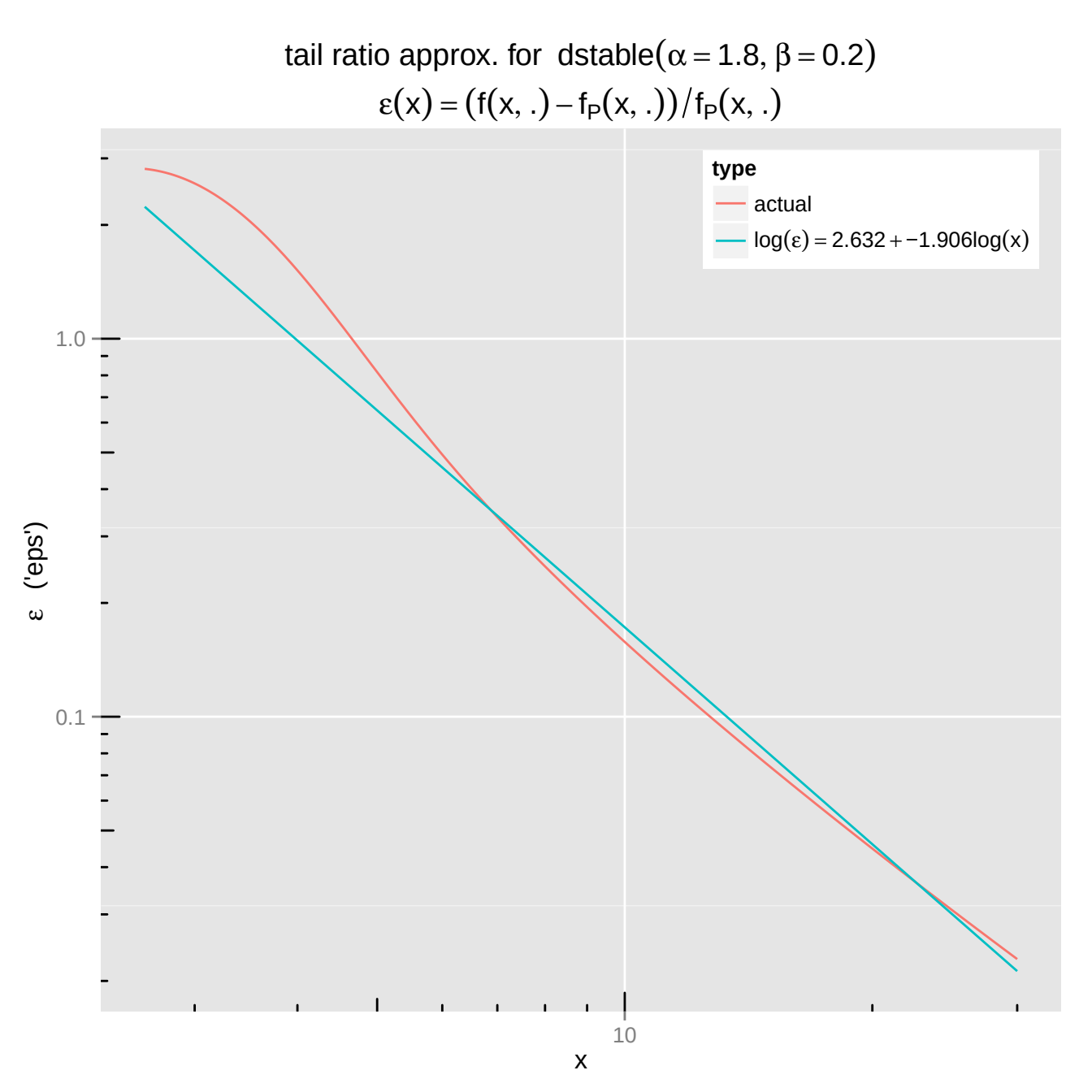

tail ratio approx. for dstable(α = 1.5, β = 0.8)
ε(x) = (f(x, .) − f_P(x, .))/f_P(x, .)
type
actual
log(ε) = 0.7975 + −1.014log(x)
0.10
0.01
ε ('eps')
10
100
1000
x

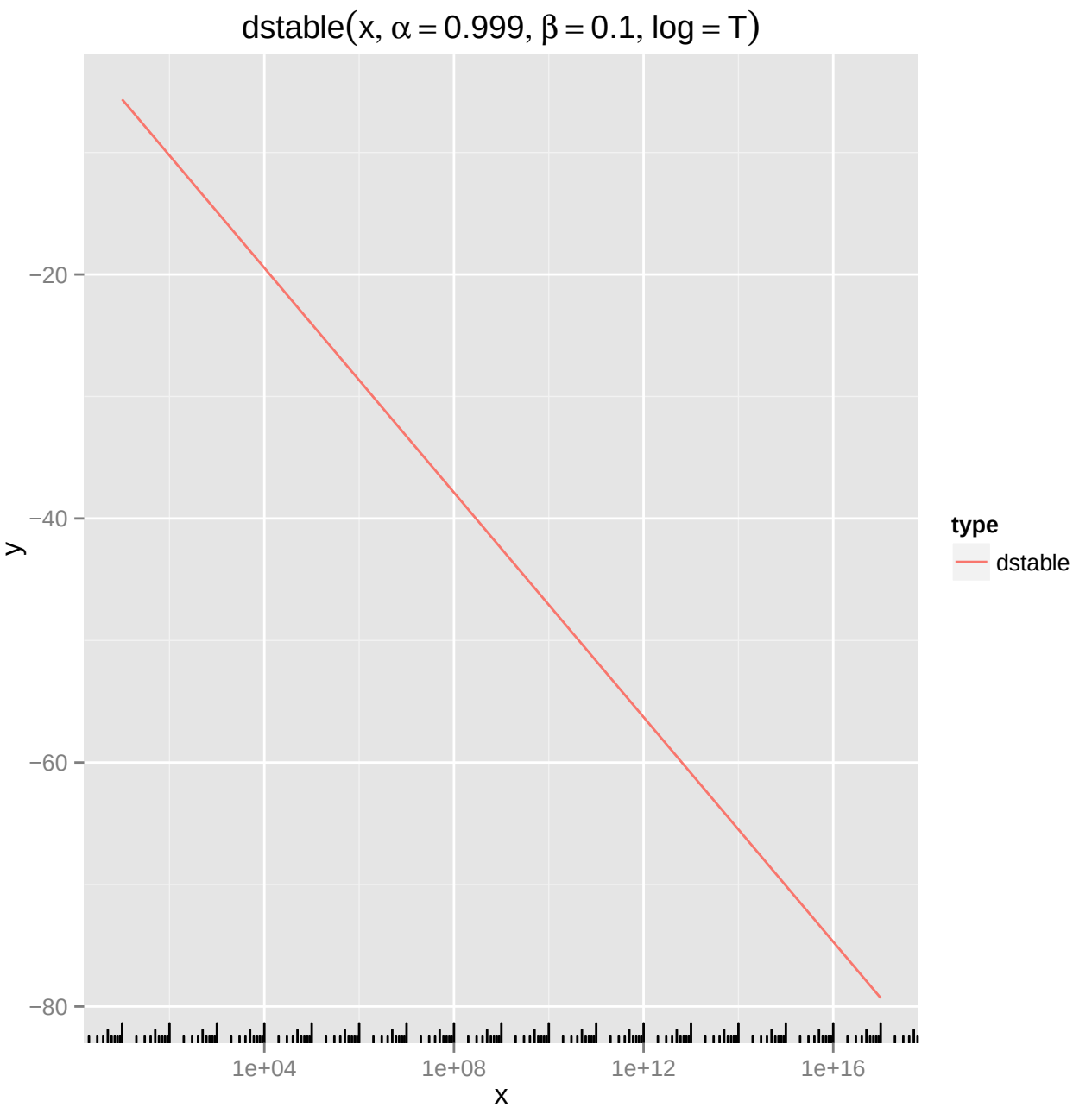

tail ratio approx. for dstable(α = 1.5, β = 0.8)
ε(x) = (f(x, .) − f_P(x, .))/f_P(x, .)
type
actual
log(ε) = 0.7269 + −1.003log(x)
0.100
0.010
0.001
ε ('eps')
100
10000
x

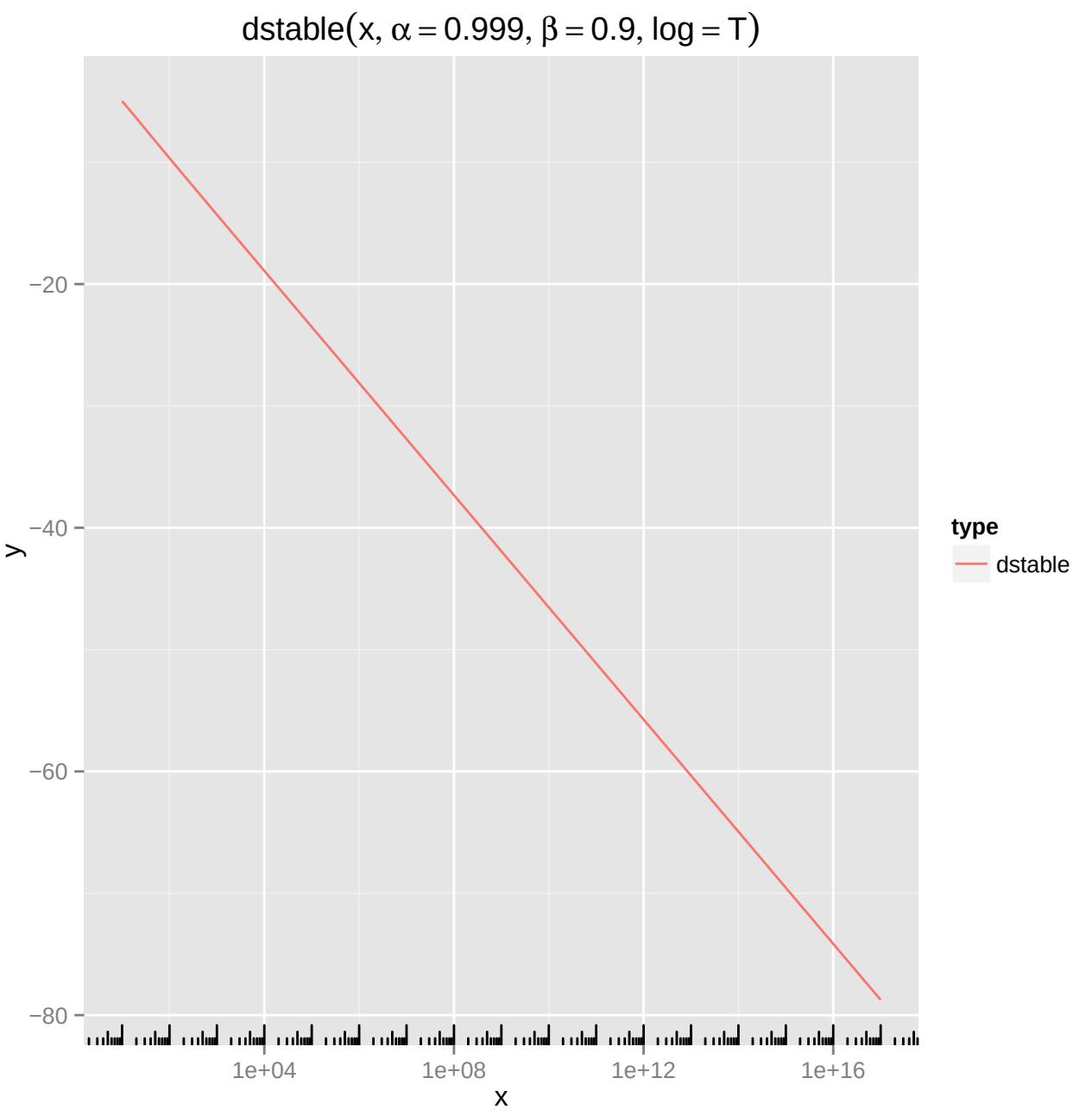

tail ratio approx. for dstable(α = 1.5, β = 0.8)
ε(x) = (f(x, .) − f_P(x, .))/f_P(x, .)
type
actual
log(ε) = 0.7049 + −1.001log(x)
0.100
0.001
ε ('eps')
100
10000
x

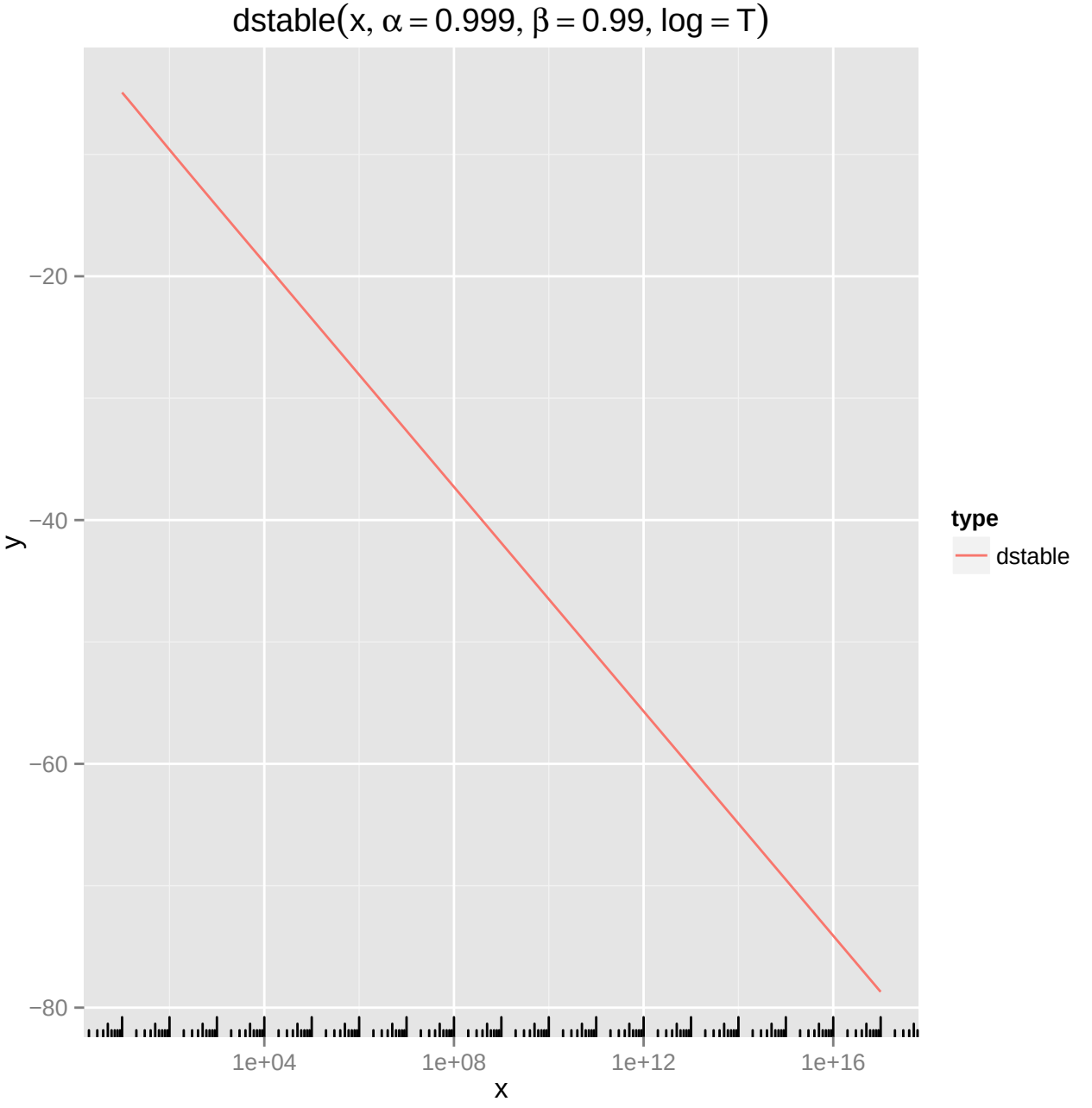

tail ratio approx. for dstable(α = 1.6, β = 0.9)
ε(x) = (f(x, .) − f_P(x, .))/f_P(x, .)
type
actual
log(ε) = 1.183 + −1.126log(x)
ε ('eps')
0.1
10
100
x

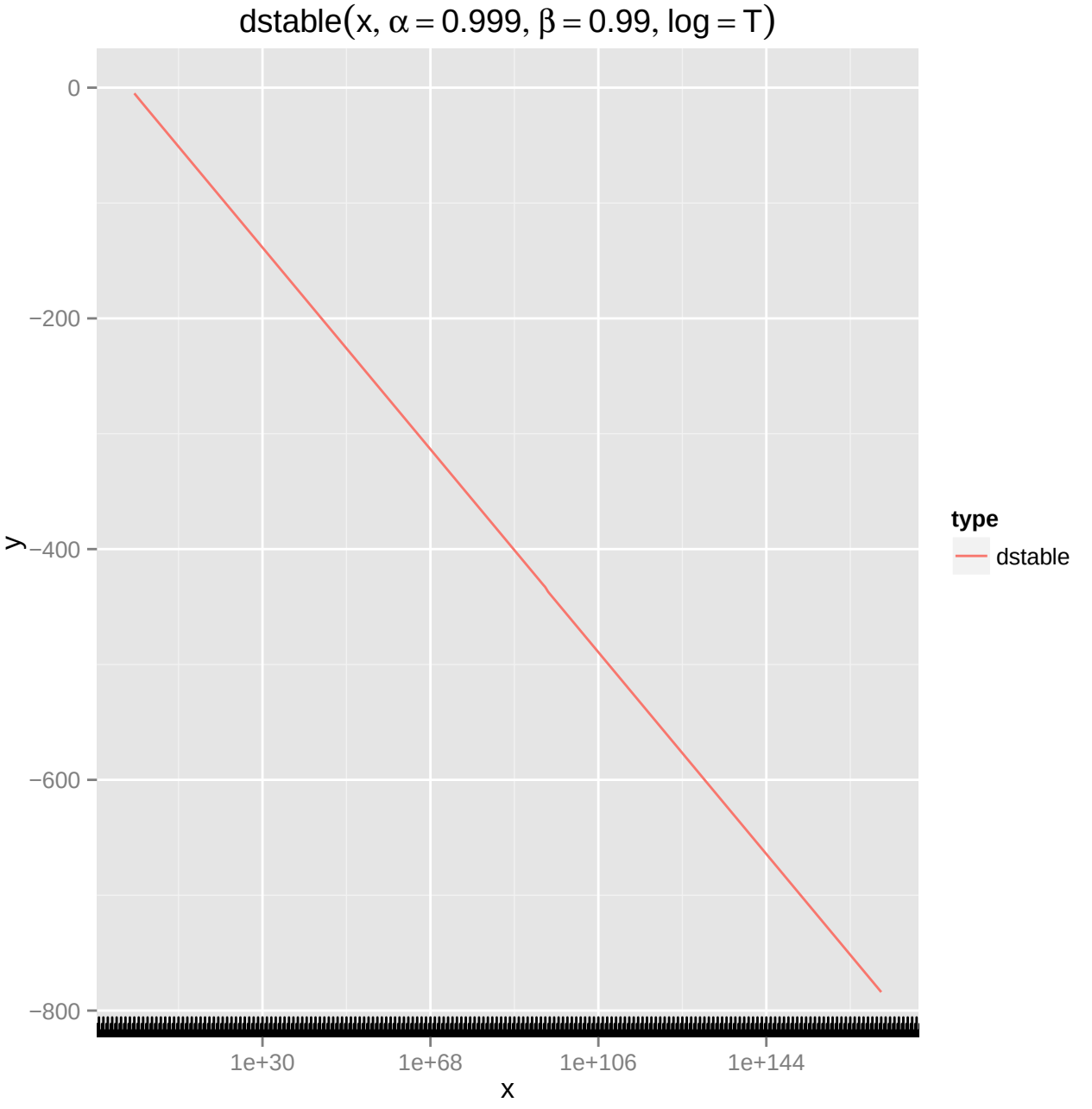

tail ratio approx. for dstable(α = 1.7, β = 0.1)
ε(x) = (f(x, .) − f_P(x, .))/f_P(x, .)
type
actual
log(ε) = 2.004 + −1.701log(x)
1.00
0.10
0.01
ε ('eps')
10
x

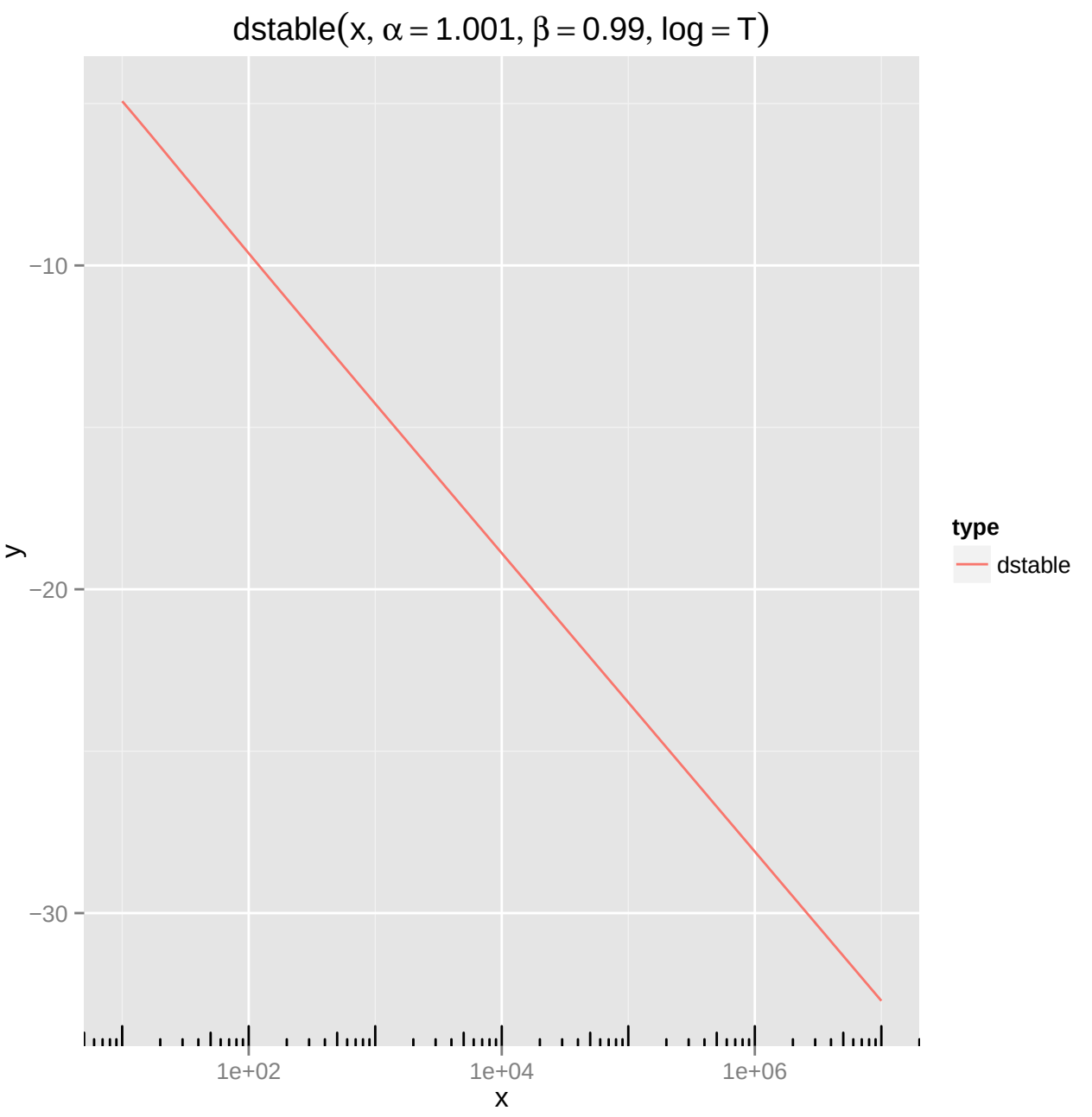

tail ratio approx. for dstable(α = 1.8, β = 0.2)
ε(x) = (f(x, .) − f_P(x, .))/f_P(x, .)
type
actual
log(ε) = 2.632 + −1.906log(x)
1.0
0.1
ε ('eps')
10
x

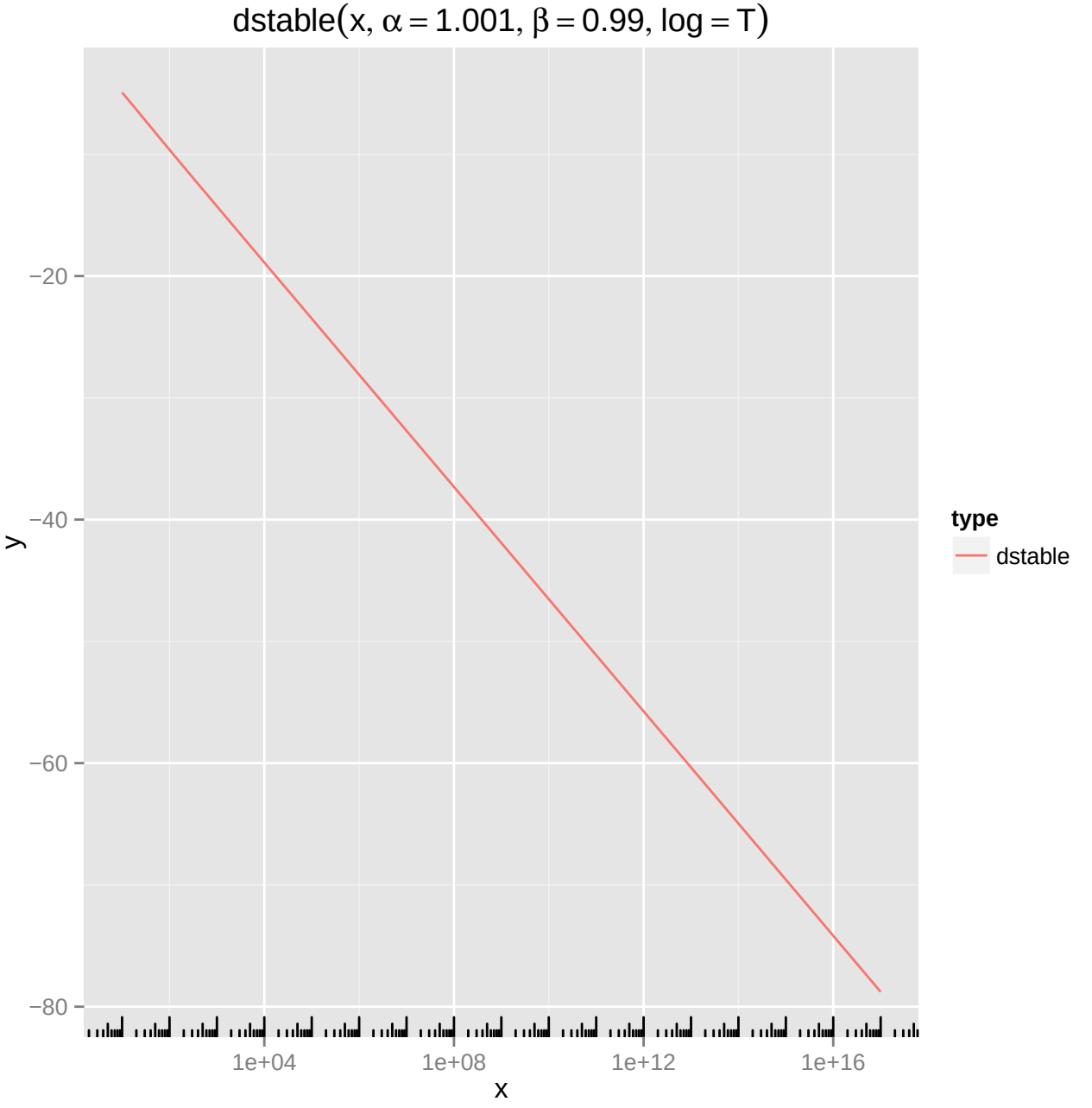

dstable(x, α = 0.999, β = 0.1, log = T)
−20
−40
−60
−80
y
1e+04
1e+08
1e+12
1e+16
x
type
dstable

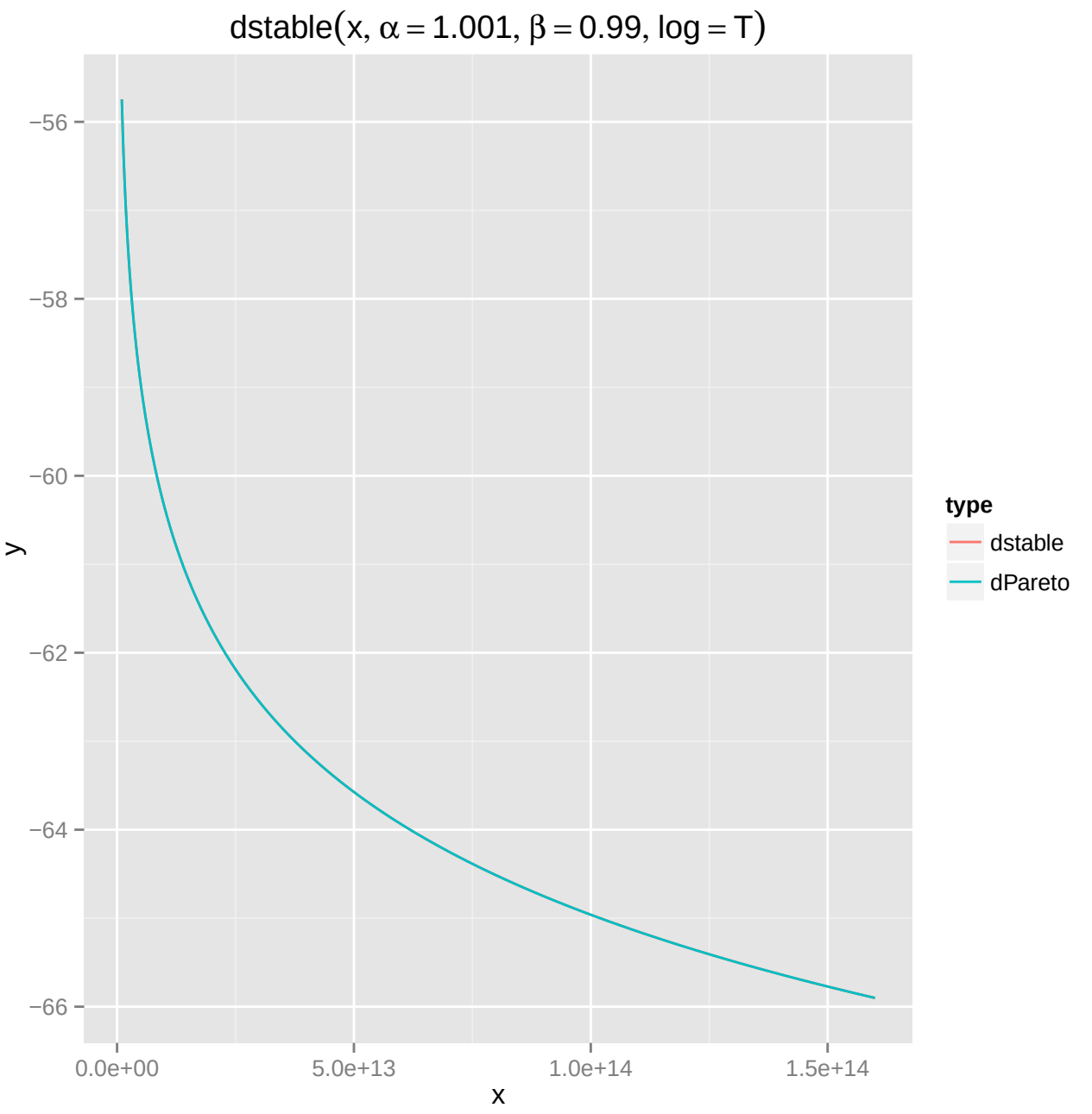

dstable(x, α = 0.999, β = 0.9, log = T)
−20
−40
−60
−80
y
1e+04
1e+08
1e+12
1e+16
x
type
dstable

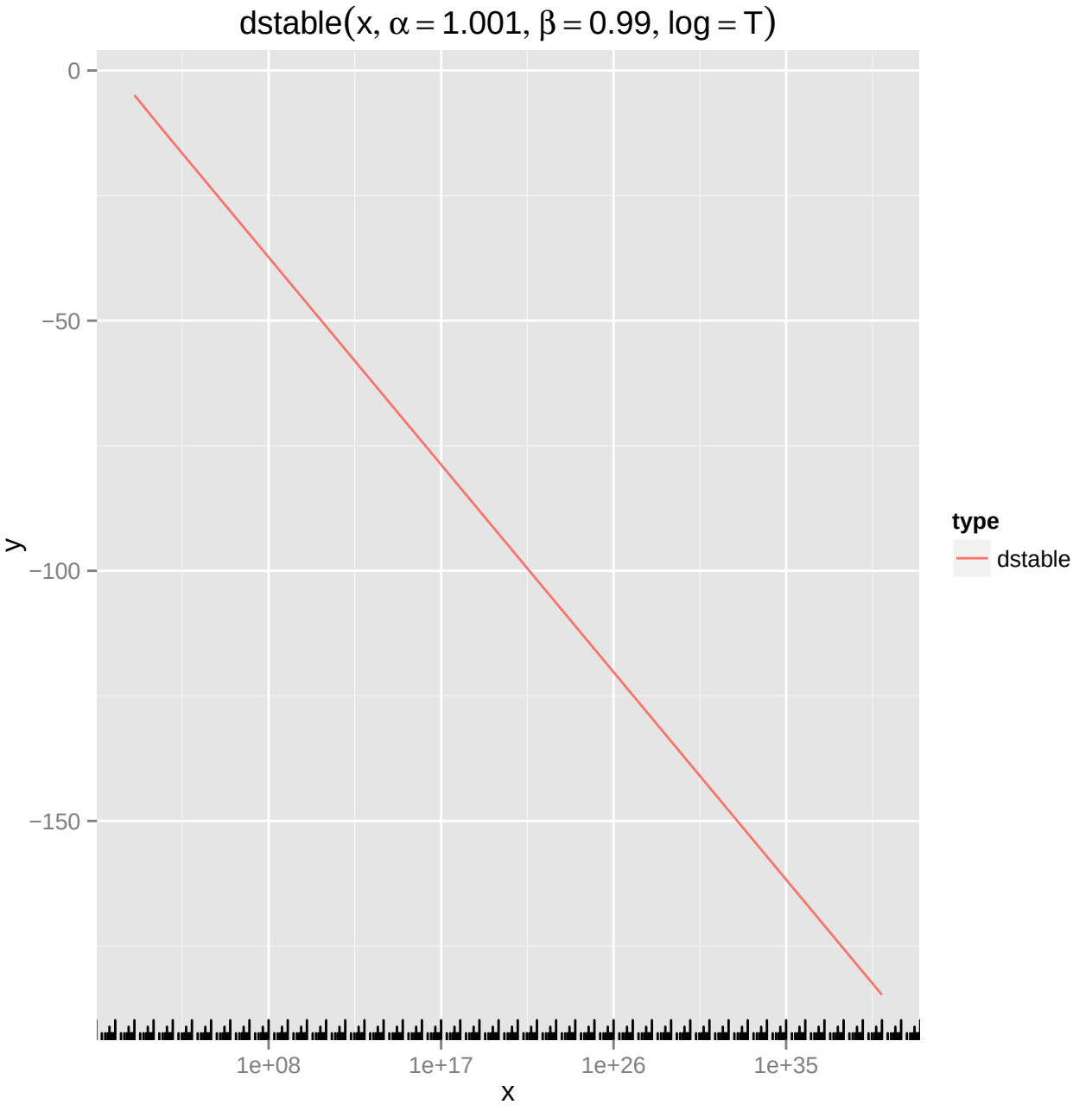

dstable(x, α = 0.999, β = 0.99, log = T)
−20
−40
−60
−80
y
1e+04
1e+08
1e+12
1e+16
x
type
dstable

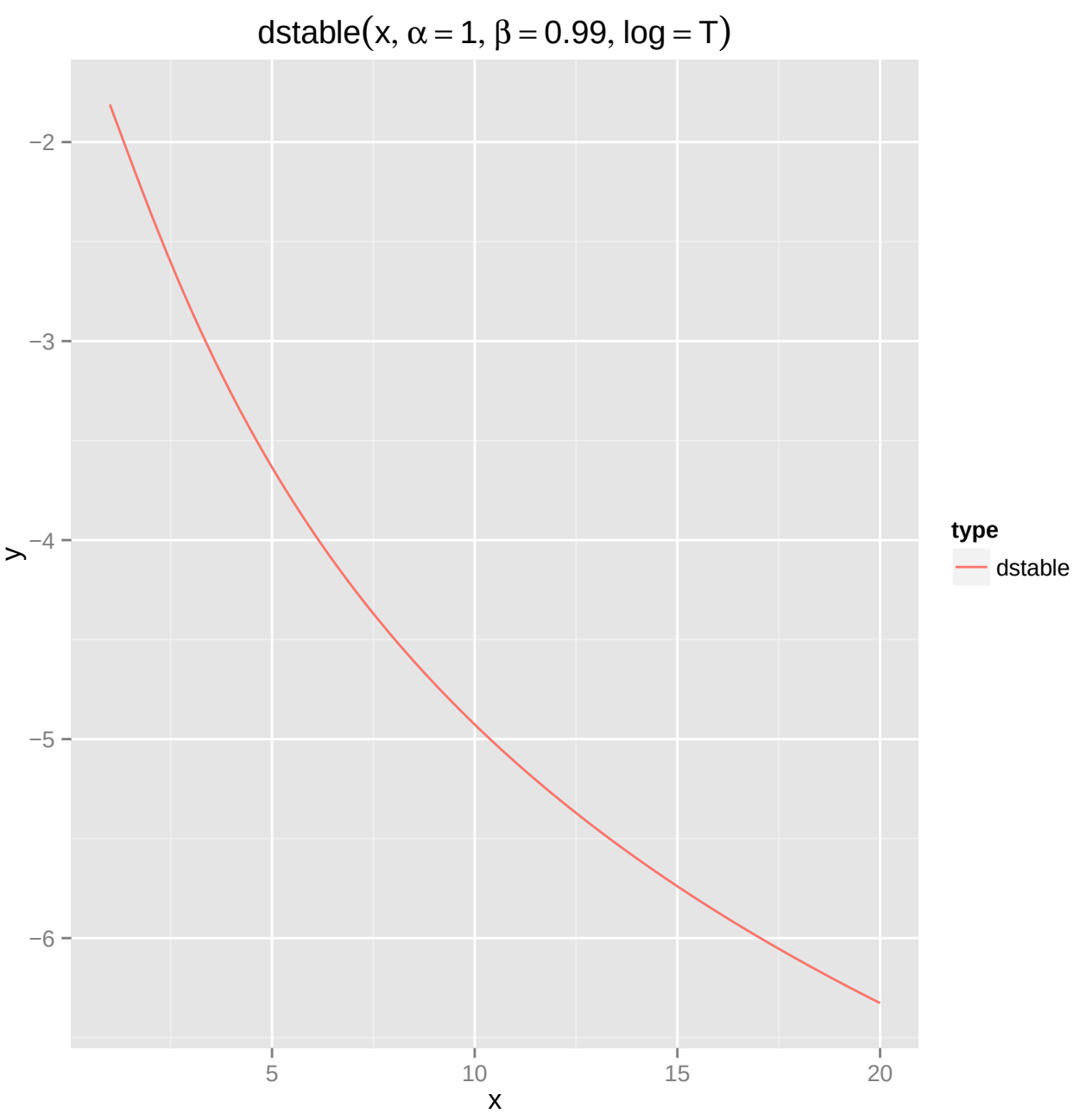

dstable(x, α = 0.999, β = 0.99, log = T)
0
−200
−400
−600
−800
y
1e+30
1e+68
1e+106
1e+144
x
type
dstable

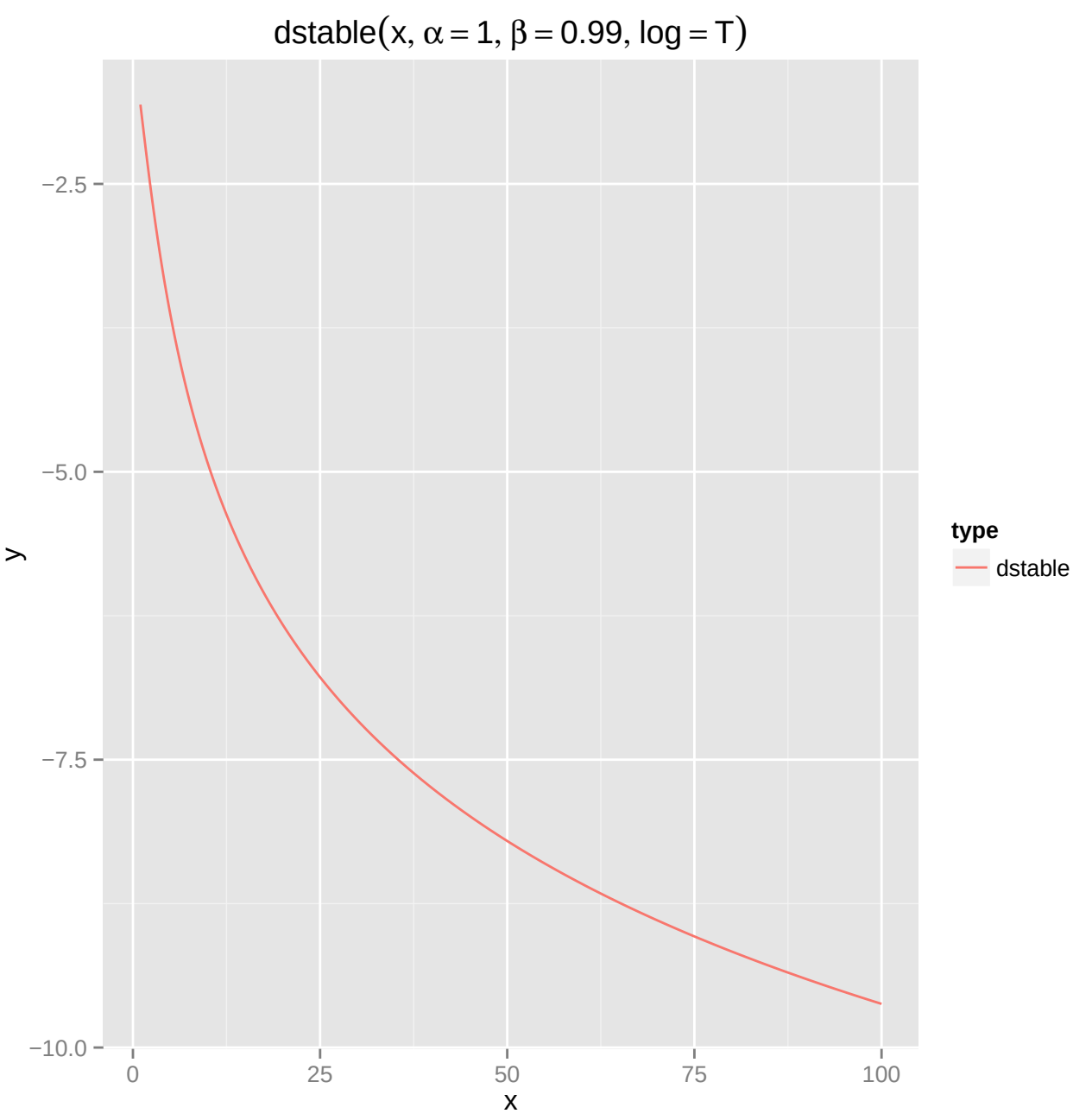

dstable(x, α = 1.001, β = 0.99, log = T)
−10
−20
−30
y
1e+02
1e+04
1e+06
x
type
dstable


dstable(x, α = 1.001, β = 0.99, log = T)
−20
−40
−60
−80
y
1e+04
1e+08
1e+12
1e+16
x
type
dstable


dstable(x, α = 1.001, β = 0.99, log = T)
−56
−58
−60
−62
−64
−66
y
0.0e+00
5.0e+13
1.0e+14
1.5e+14
x
type
dstable
dPareto


dstable(x, α = 1.001, β = 0.99, log = T)
0
−50
−100
−150
y
1e+08
1e+17
1e+26
1e+35
x
type
dstable


dstable(x, α = 1, β = 0.99, log = T)
−2
−3
−4
−5
−6
y
5
10
15
20
x
type
dstable


dstable(x, α = 1, β = 0.99, log = T)
−2.5
−5.0
−7.5
−10.0
y
0
25
50
75
100
x
type
dstable