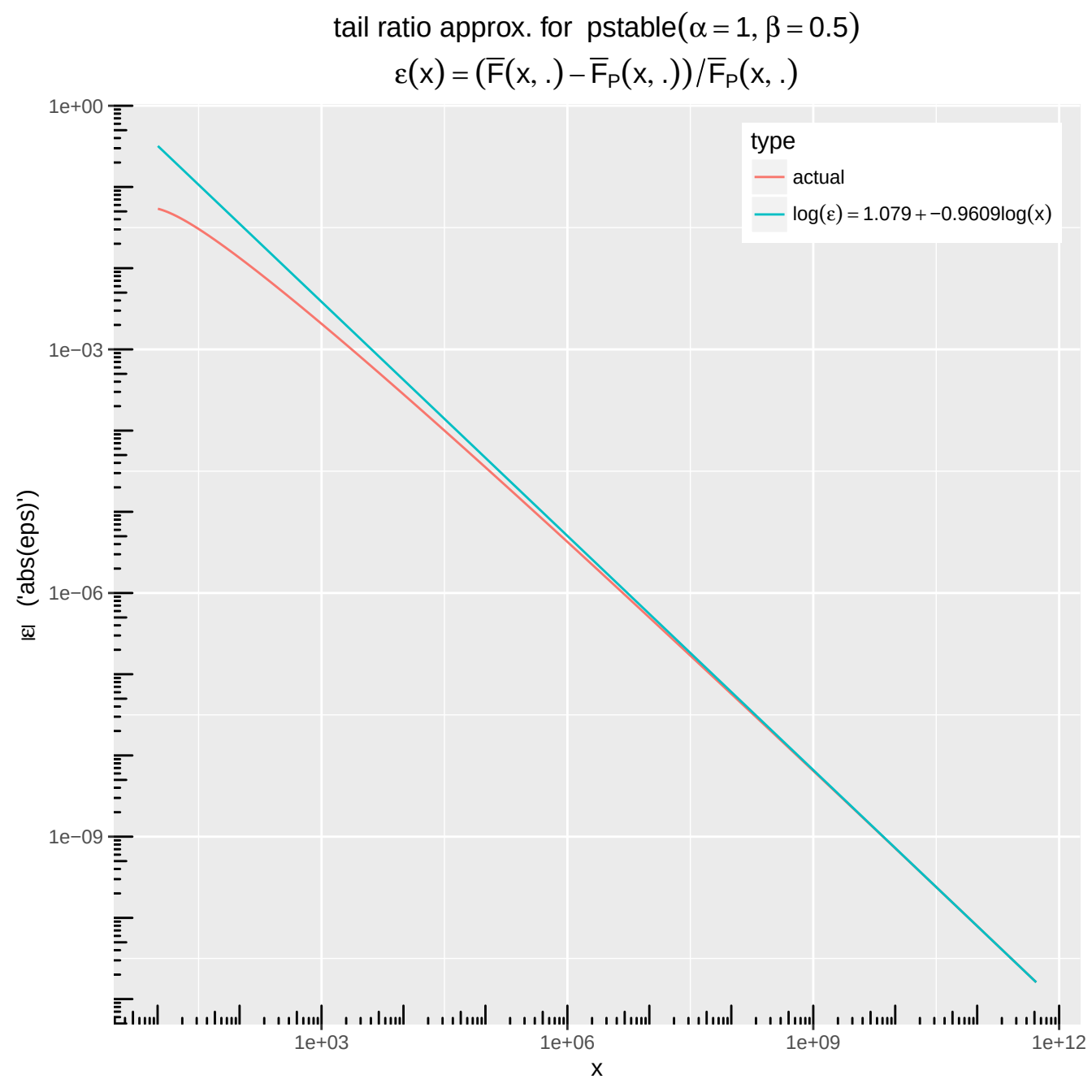
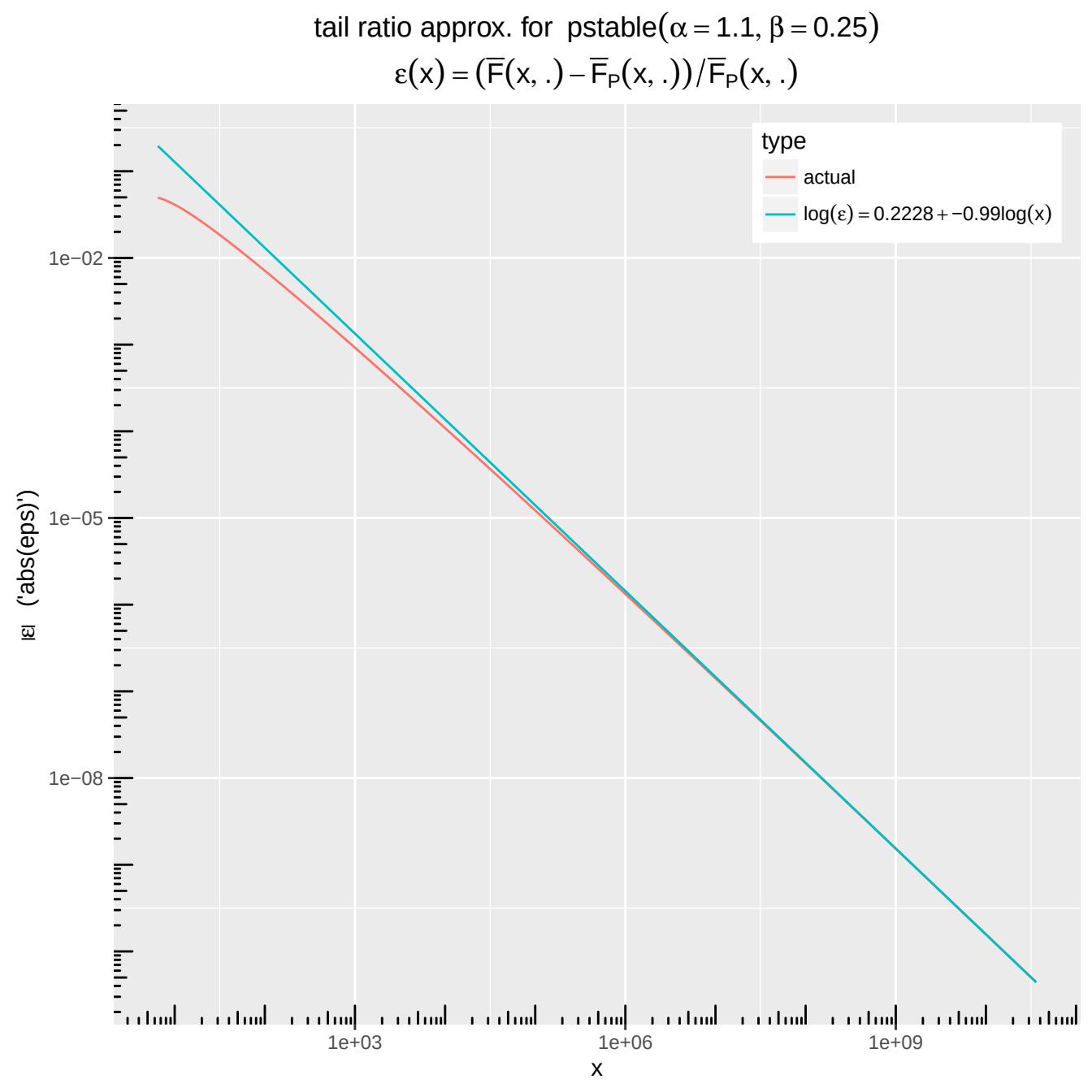
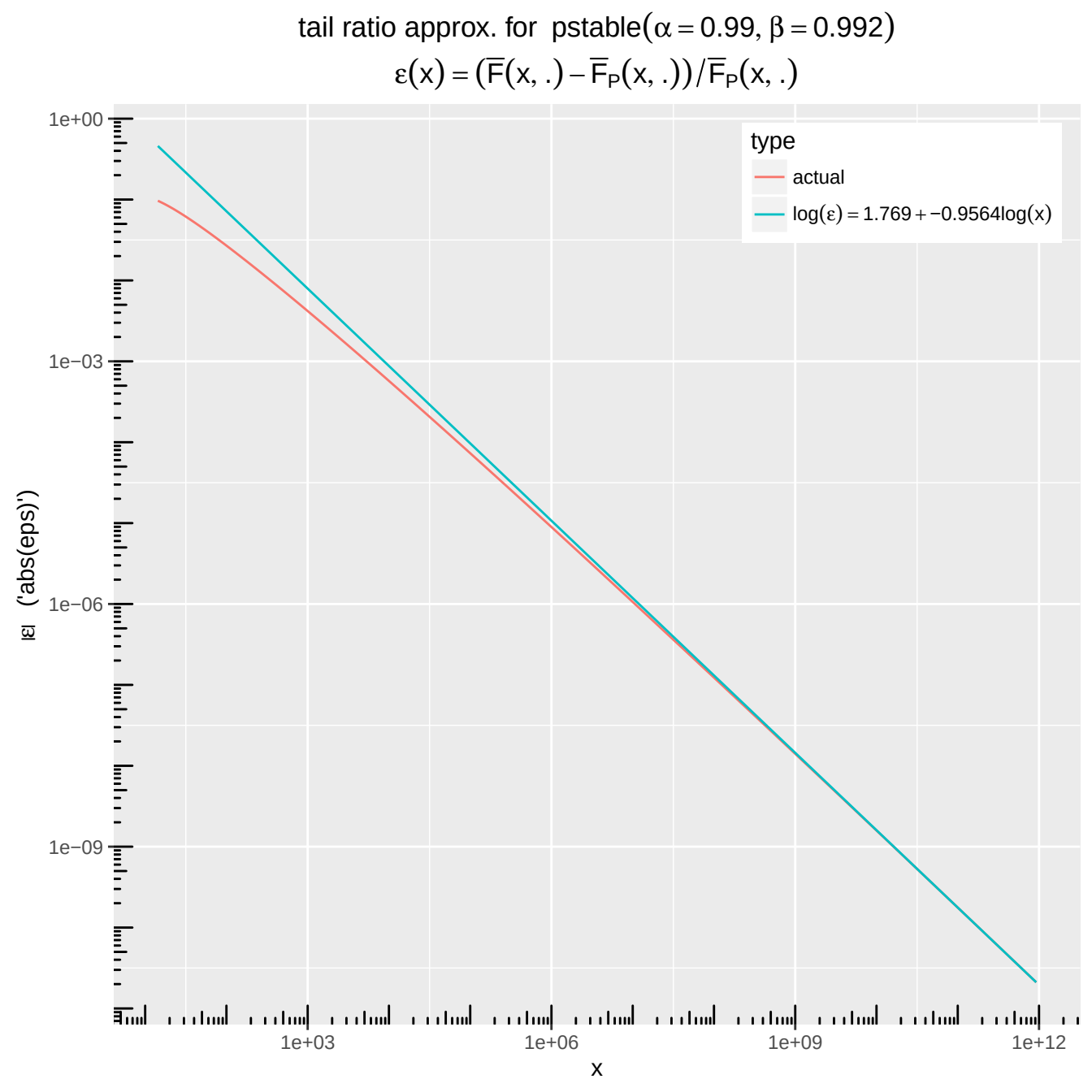
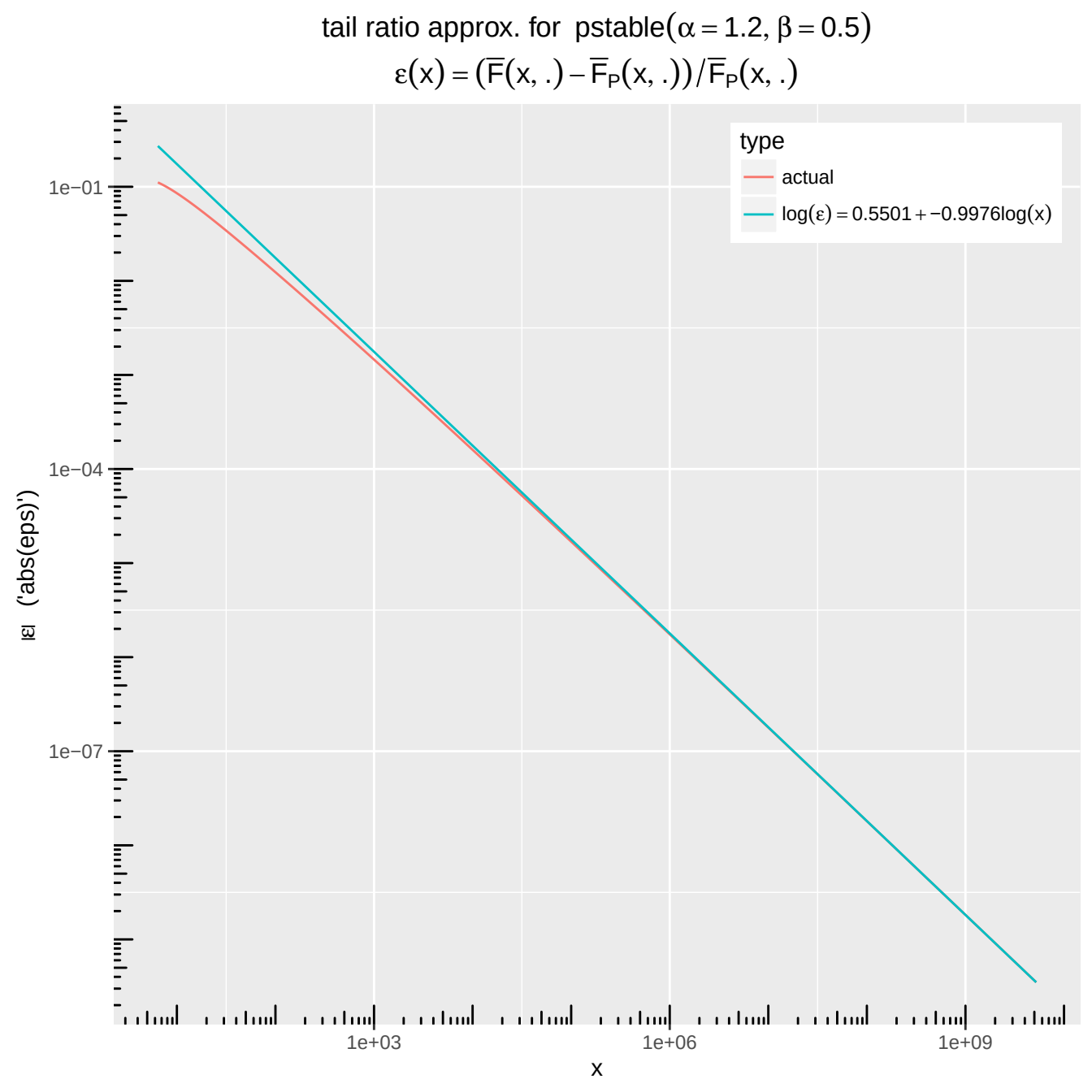
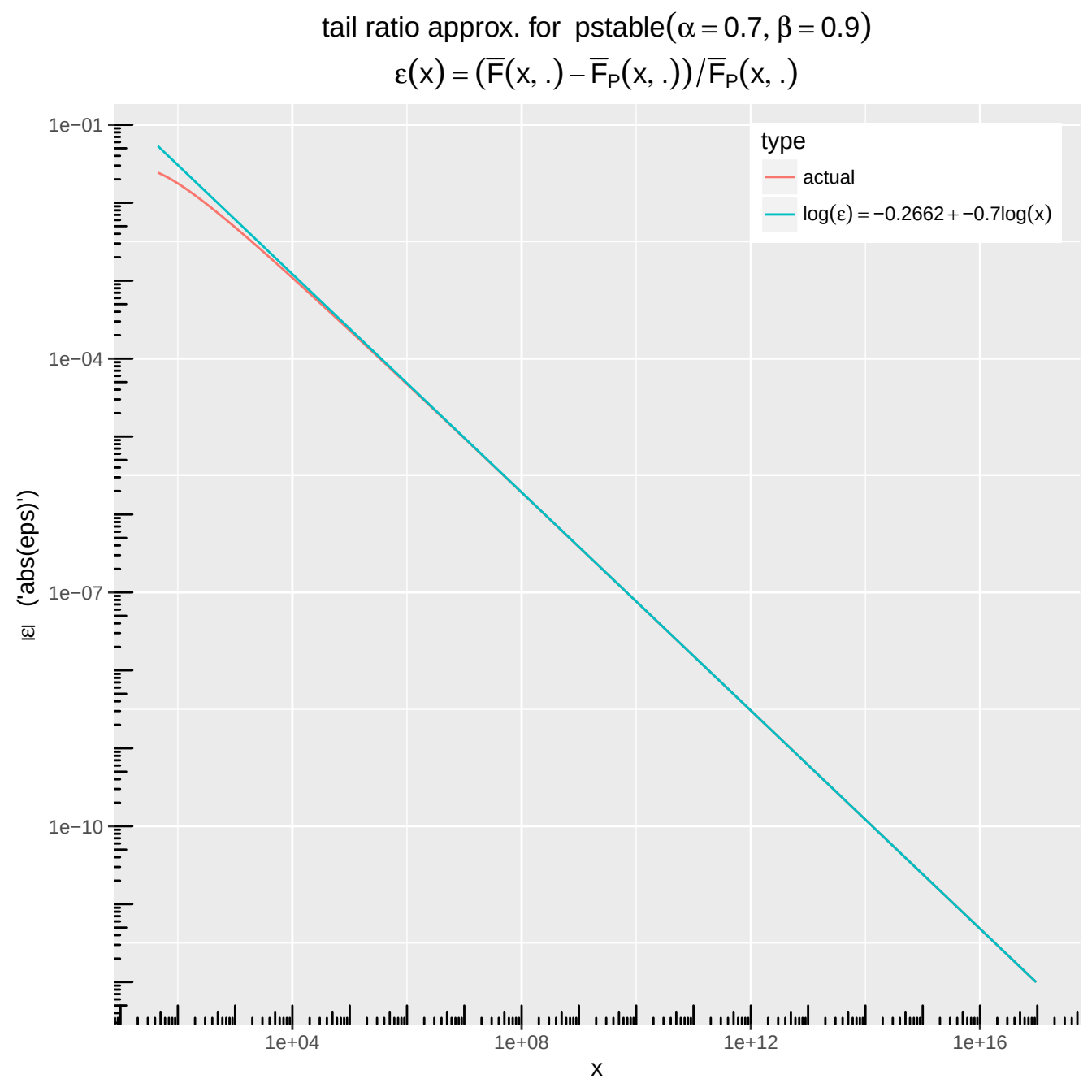
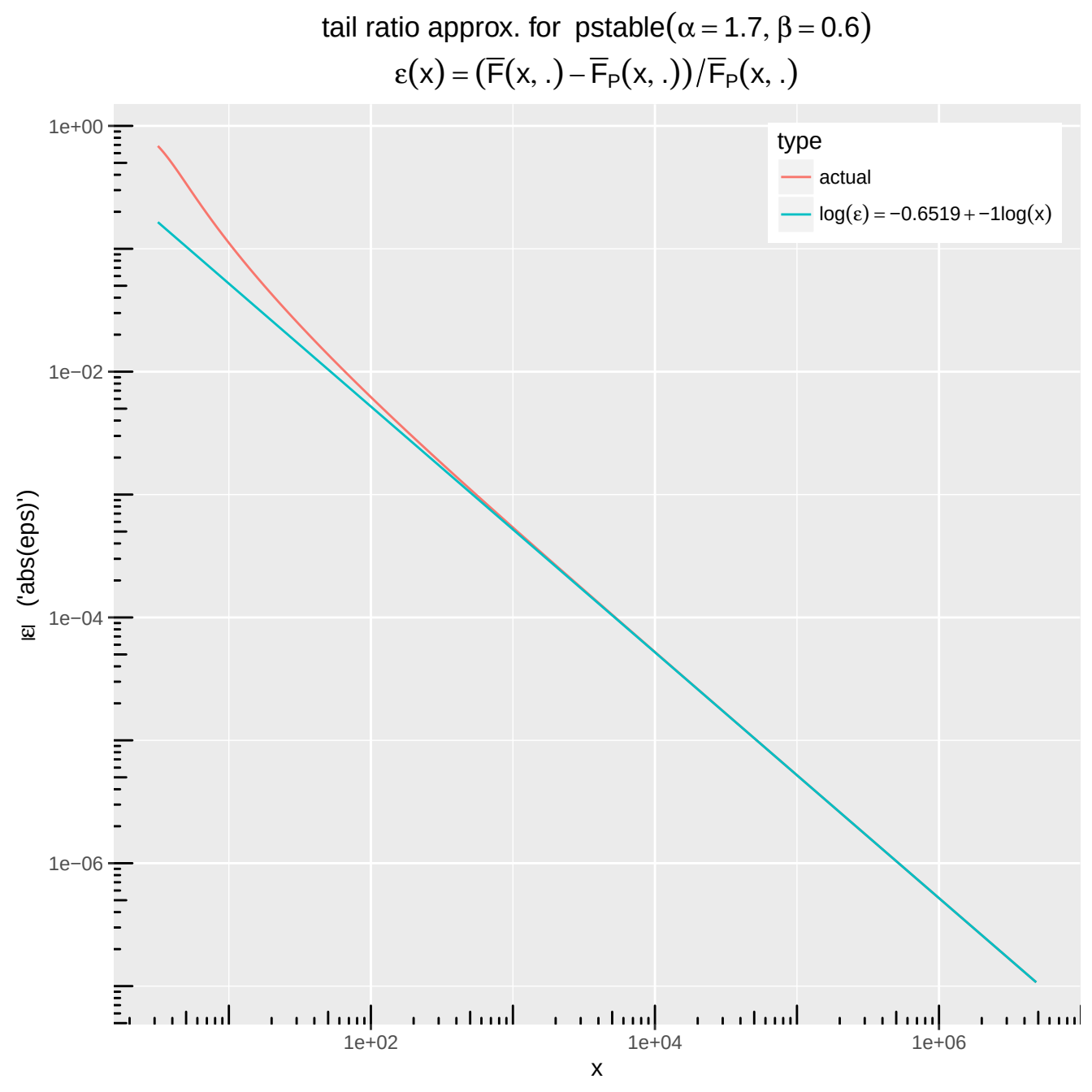

tail ratio approx. for pstable(α = 1, β = 0.5)
ε(x) = (F̄(x, .) − F̄P(x, .))/F̄P(x, .)
type
actual
log(ε) = 1.079 + −0.9609log(x)
1e+00
1e−03
1e−06
1e−09
|ε|
('abs(eps)')
1e+03
1e+06
1e+09
1e+12
x

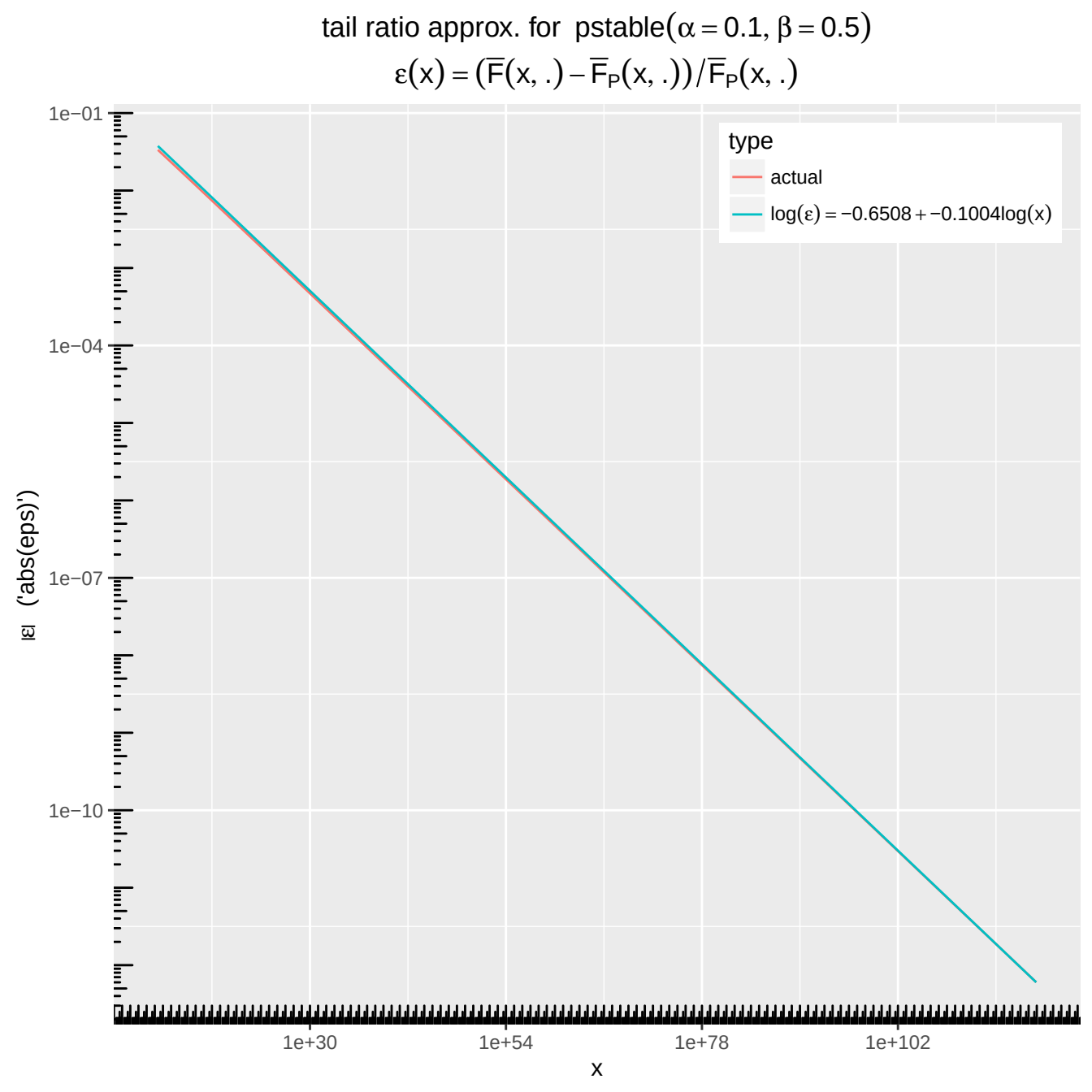

tail ratio approx. for pstable(α = 1.1, β = 0.25)
ε(x) = (F̄(x, .) − F̄P(x, .))/F̄P(x, .)
type
actual
log(ε) = 0.2228 + −0.99log(x)
1e−02
1e−05
1e−08
|ε| ('abs(eps)')
1e+03
1e+06
1e+09
x

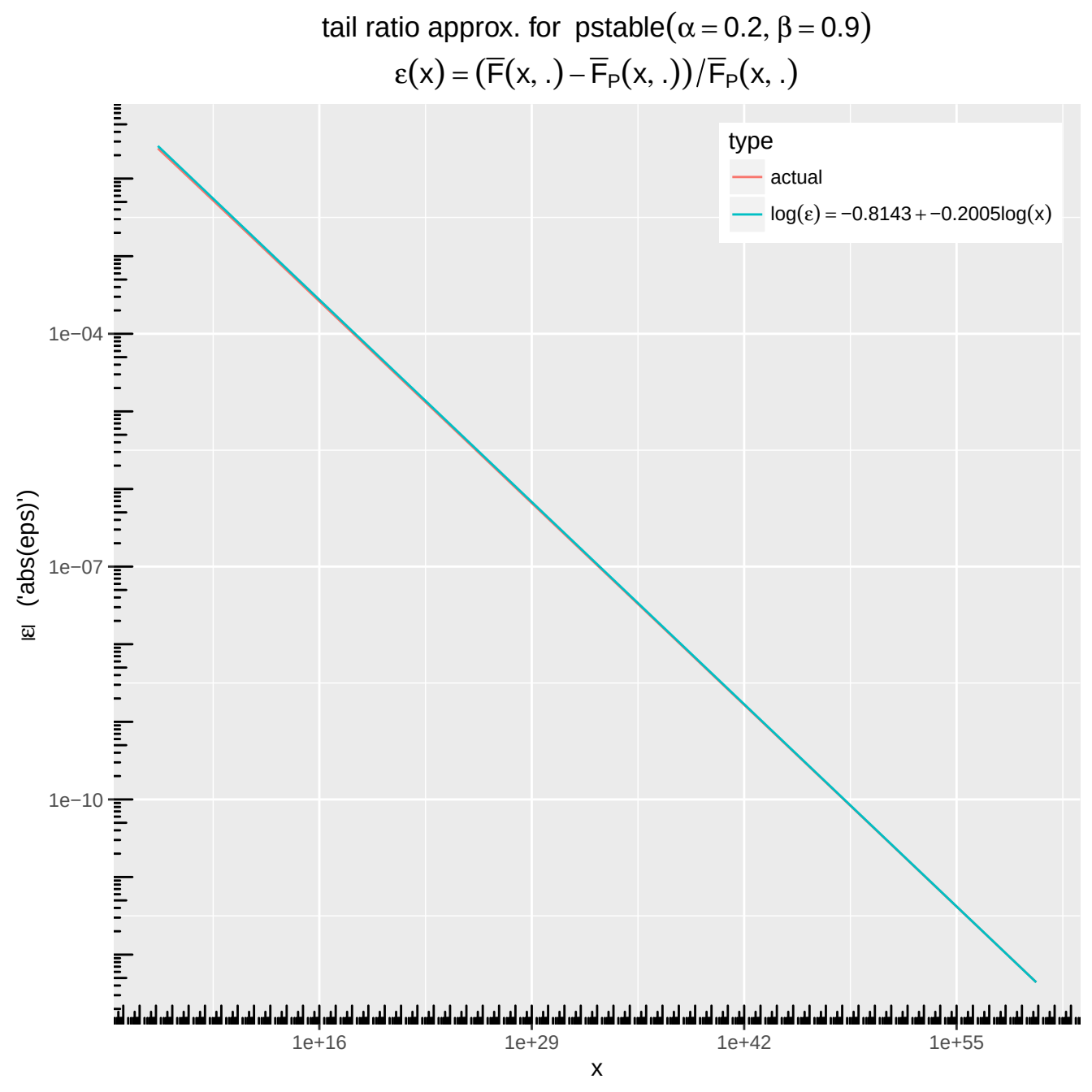

tail ratio approx. for pstable(α = 0.99, β = 0.992)
ε(x) = (F̄(x, .) − F̄P(x, .))/F̄P(x, .)
type
actual
log(ε) = 1.769 + −0.9564log(x)
1e+00
1e−03
1e−06
1e−09
|ε| ('abs(eps)')
1e+03
1e+06
1e+09
1e+12
x

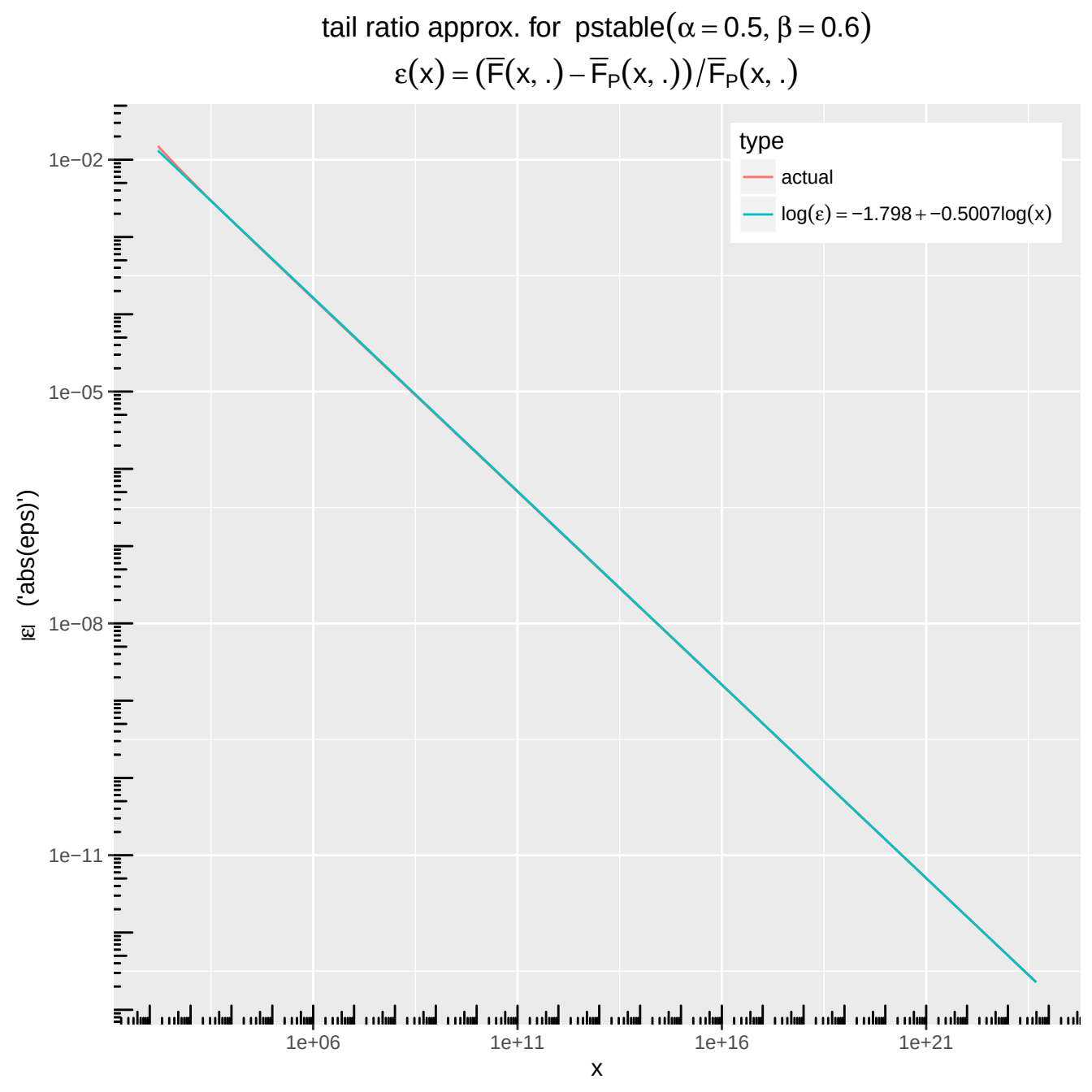

tail ratio approx. for pstable(α = 1.2, β = 0.5)
ε(x) = (F̄(x, .) − F̄P(x, .))/F̄P(x, .)
type
actual
log(ε) = 0.5501 + −0.9976log(x)
1e−01
1e−04
1e−07
|ε| ('abs(eps)')
1e+03
1e+06
1e+09
x

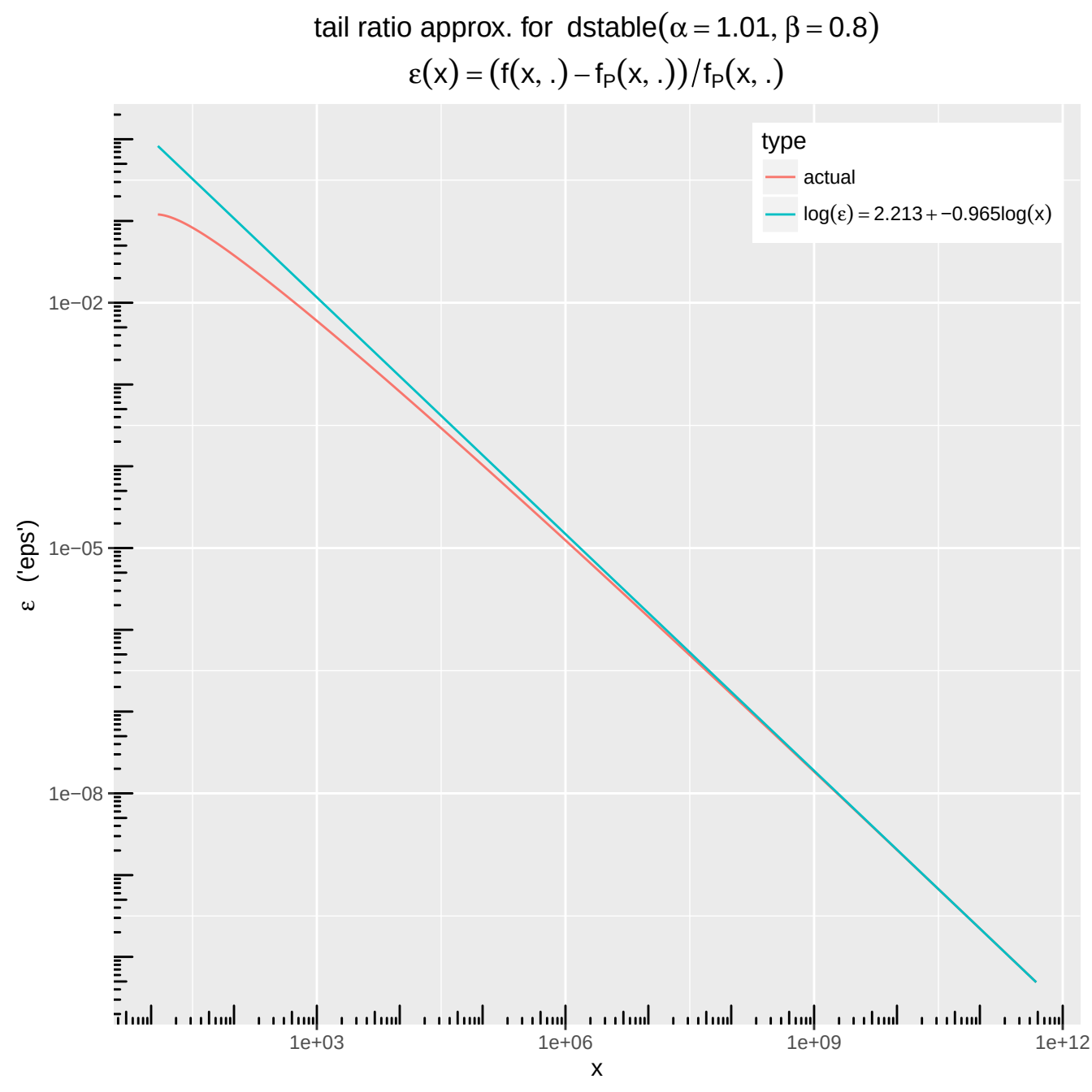

tail ratio approx. for pstable(α = 0.7, β = 0.9)
ε(x) = (F̄(x, .) − F̄P(x, .))/F̄P(x, .)
type
actual
log(ε) = −0.2662 + −0.7log(x)
1e−01
1e−04
1e−07
1e−10
|ε|
('abs(eps)')
1e+04
1e+08
1e+12
1e+16
x

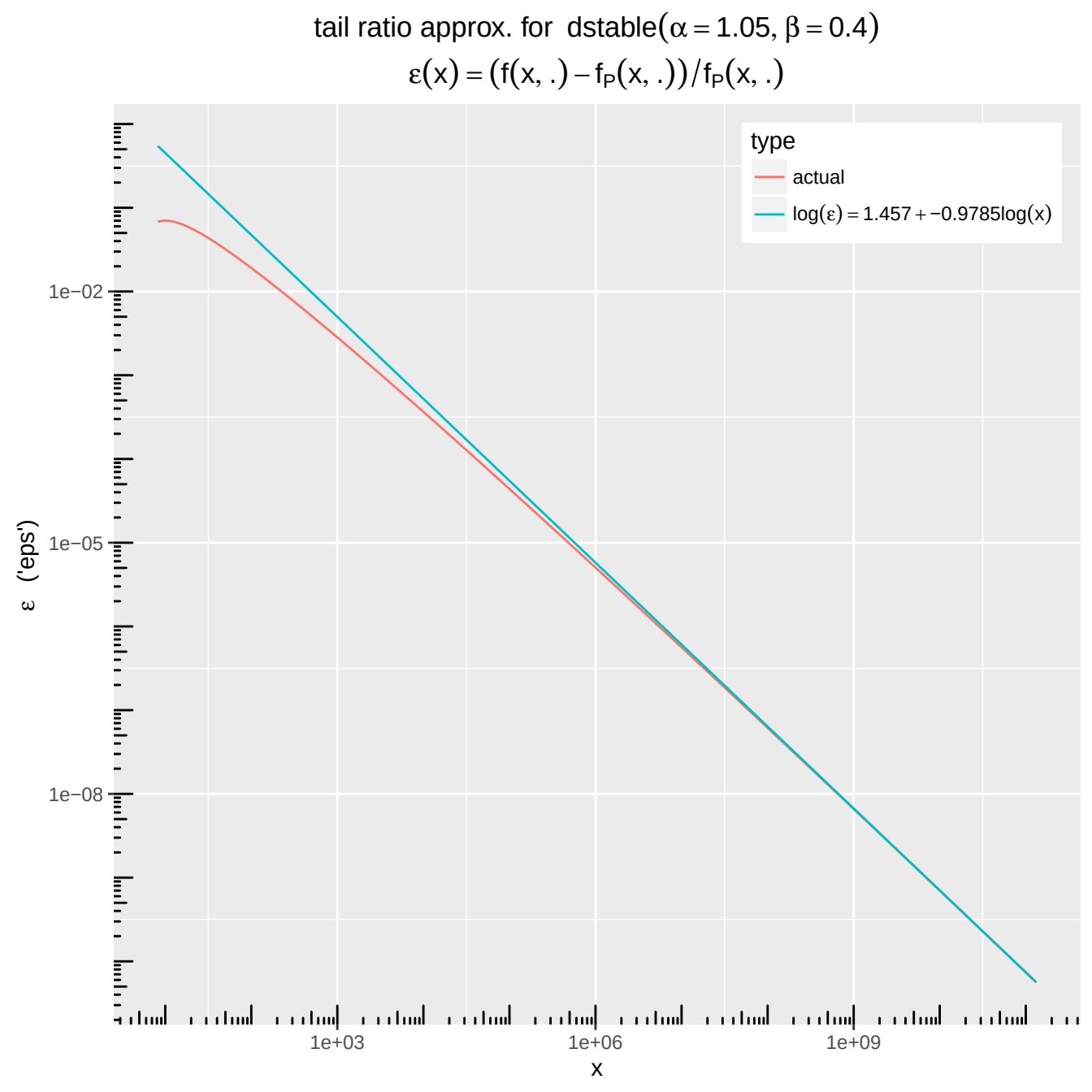

tail ratio approx. for pstable(α = 1.7, β = 0.6)
ε(x) = (F̄(x, .) − F̄P(x, .))/F̄P(x, .)
type
actual
log(ε) = −0.6519 + −1log(x)
1e+00
1e−02
1e−04
1e−06
|ε| ('abs(eps)')
1e+02
1e+04
1e+06
x

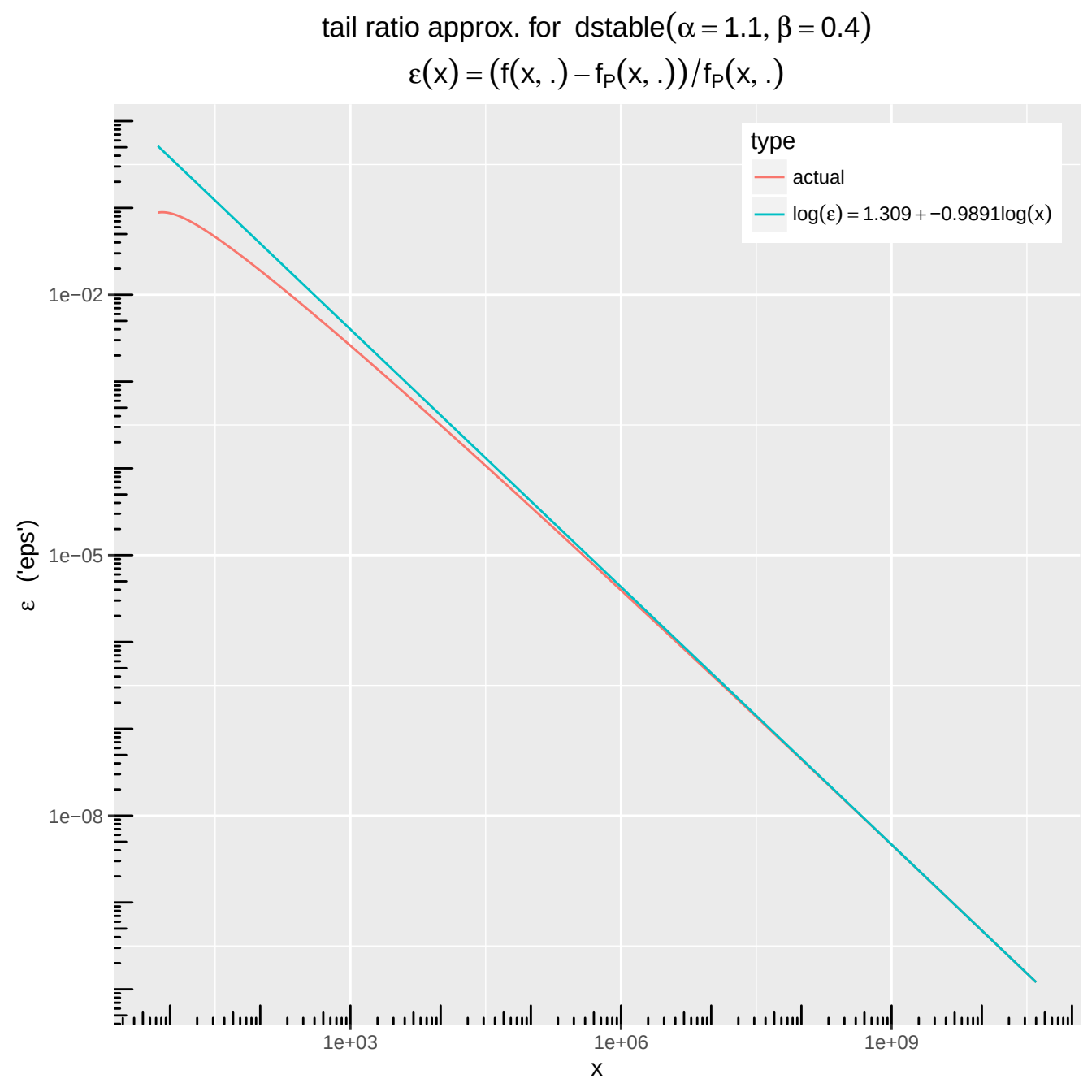

tail ratio approx. for pstable(α = 0.1, β = 0.5)
ε(x) = (F̄(x, .) − F̄P(x, .))/F̄P(x, .)
type
actual
log(ε) = −0.6508 + −0.1004log(x)
1e−01
1e−04
1e−07
1e−10
|ε| ('abs(eps)')
1e+30
1e+54
1e+78
1e+102
x

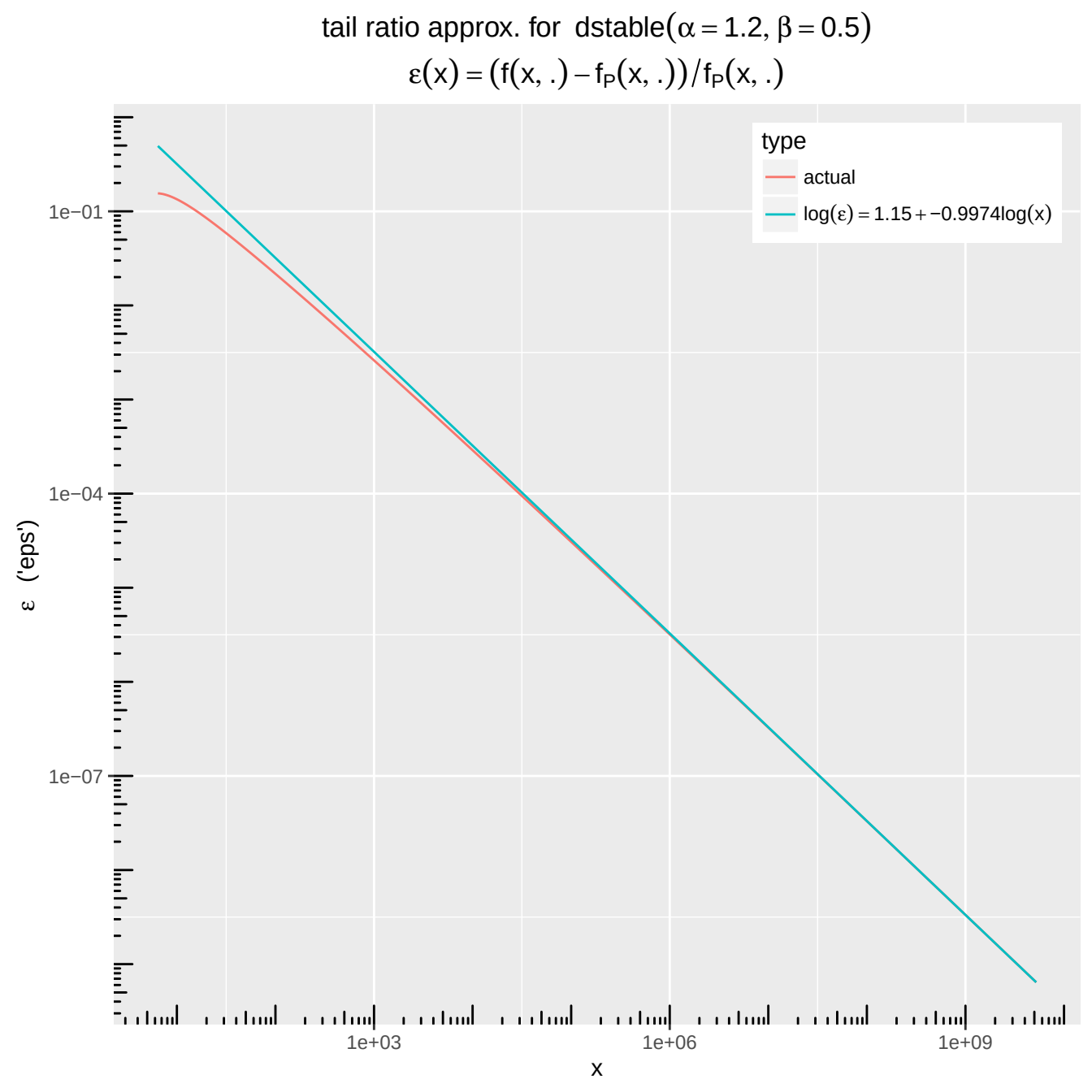

tail ratio approx. for pstable(α = 0.2, β = 0.9)
ε(x) = (F̄(x, .) − F̄P(x, .))/F̄P(x, .)
type
actual
log(ε) = −0.8143 + −0.2005log(x)
1e−04
1e−07
1e−10
|ε| ('abs(eps)')
1e+16
1e+29
1e+42
1e+55
x

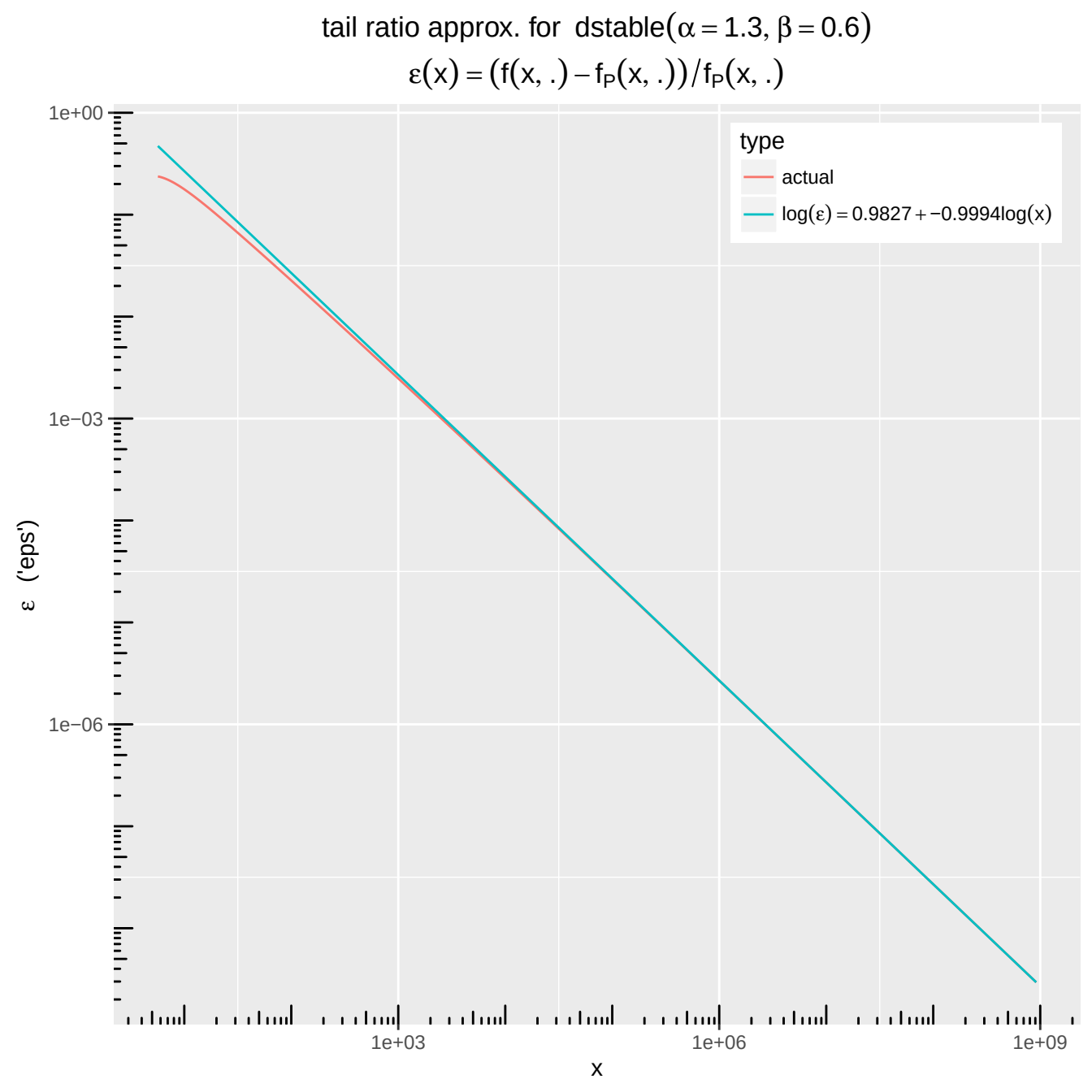

tail ratio approx. for pstable(α = 0.5, β = 0.6)
ε(x) = (F̄(x, .) − F̄P(x, .))/F̄P(x, .)
type
actual
log(ε) = −1.798 + −0.5007log(x)
1e−02
1e−05
1e−08
1e−11
|ε| ('abs(eps)')
1e+06
1e+11
1e+16
1e+21
x

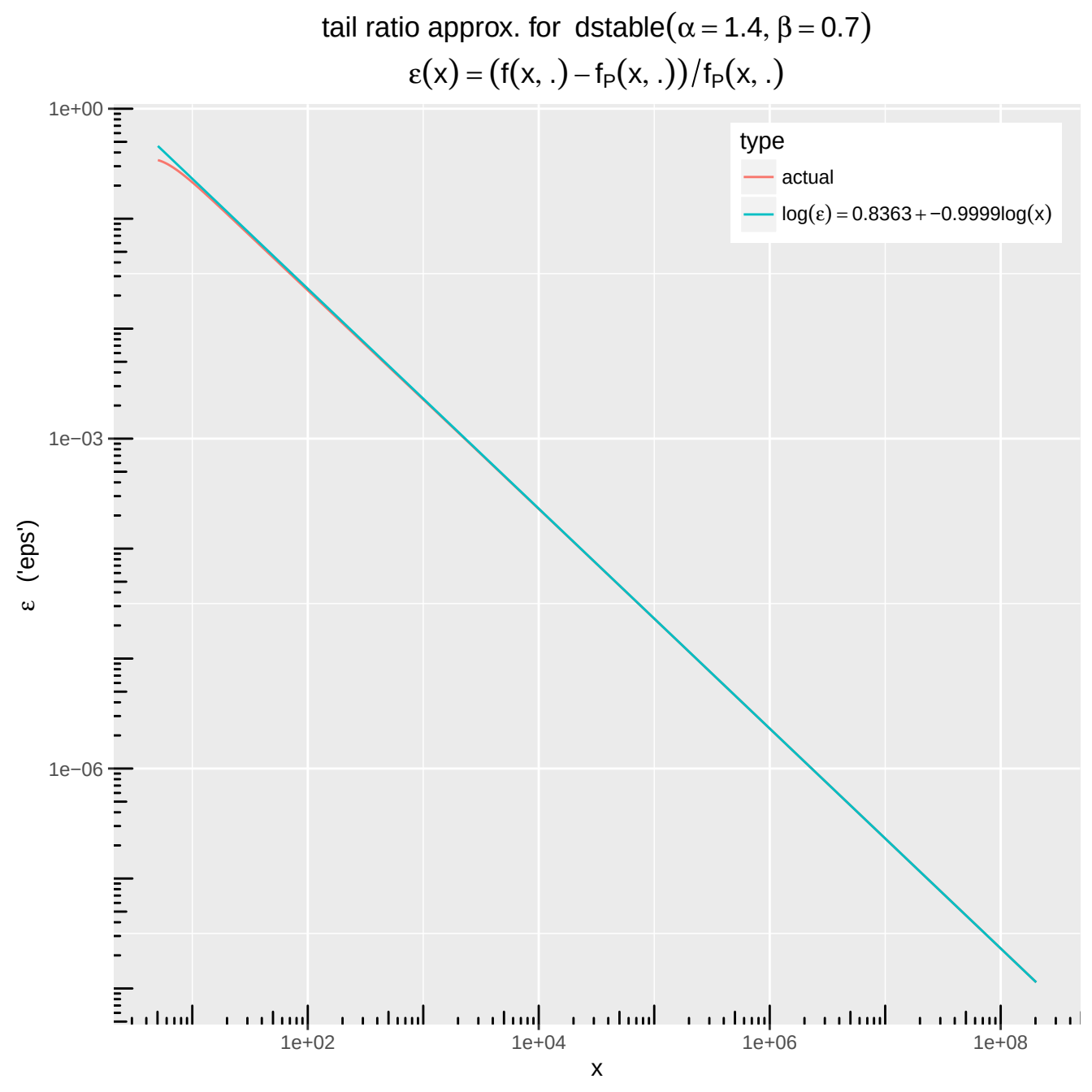

tail ratio approx. for dstable(α = 1.01, β = 0.8)
ε(x) = (f(x, .) − f_P(x, .))/f_P(x, .)
type
actual
log(ε) = 2.213 + −0.965log(x)
1e−02
1e−05
1e−08
ε ('eps')
1e+03
1e+06
1e+09
1e+12
x

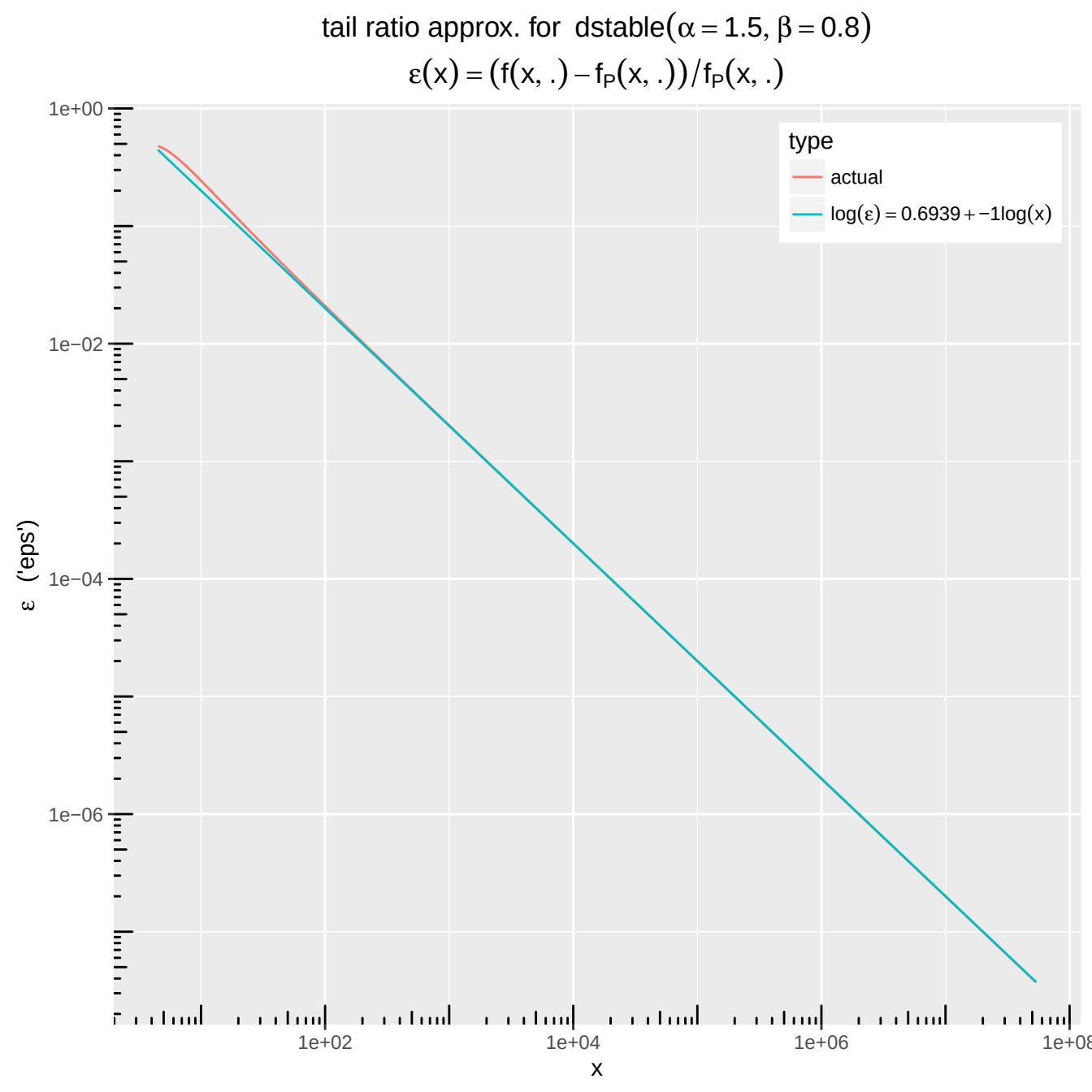

tail ratio approx. for dstable(α = 1.05, β = 0.4)
ε(x) = (f(x, .) − f_P(x, .))/f_P(x, .)
type
actual
log(ε) = 1.457 + −0.9785log(x)
1e−02
1e−05
1e−08
ε ('eps')
1e+03
1e+06
1e+09
x

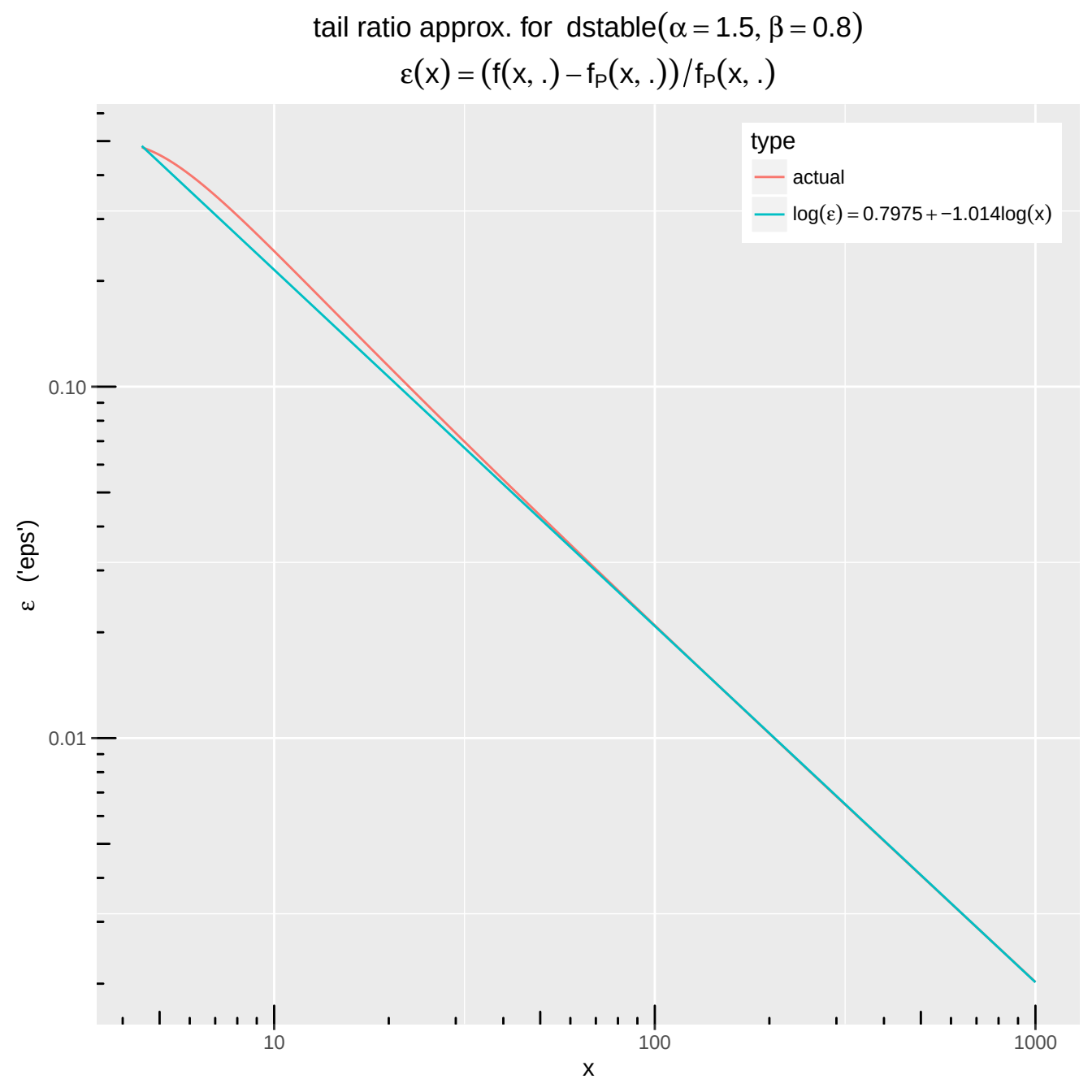

tail ratio approx. for dstable(α = 1.1, β = 0.4)
ε(x) = (f(x, .) − f_P(x, .))/f_P(x, .)
type
actual
log(ε) = 1.309 + −0.9891log(x)
1e−02
1e−05
1e−08
ε ('eps')
1e+03
1e+06
1e+09
x

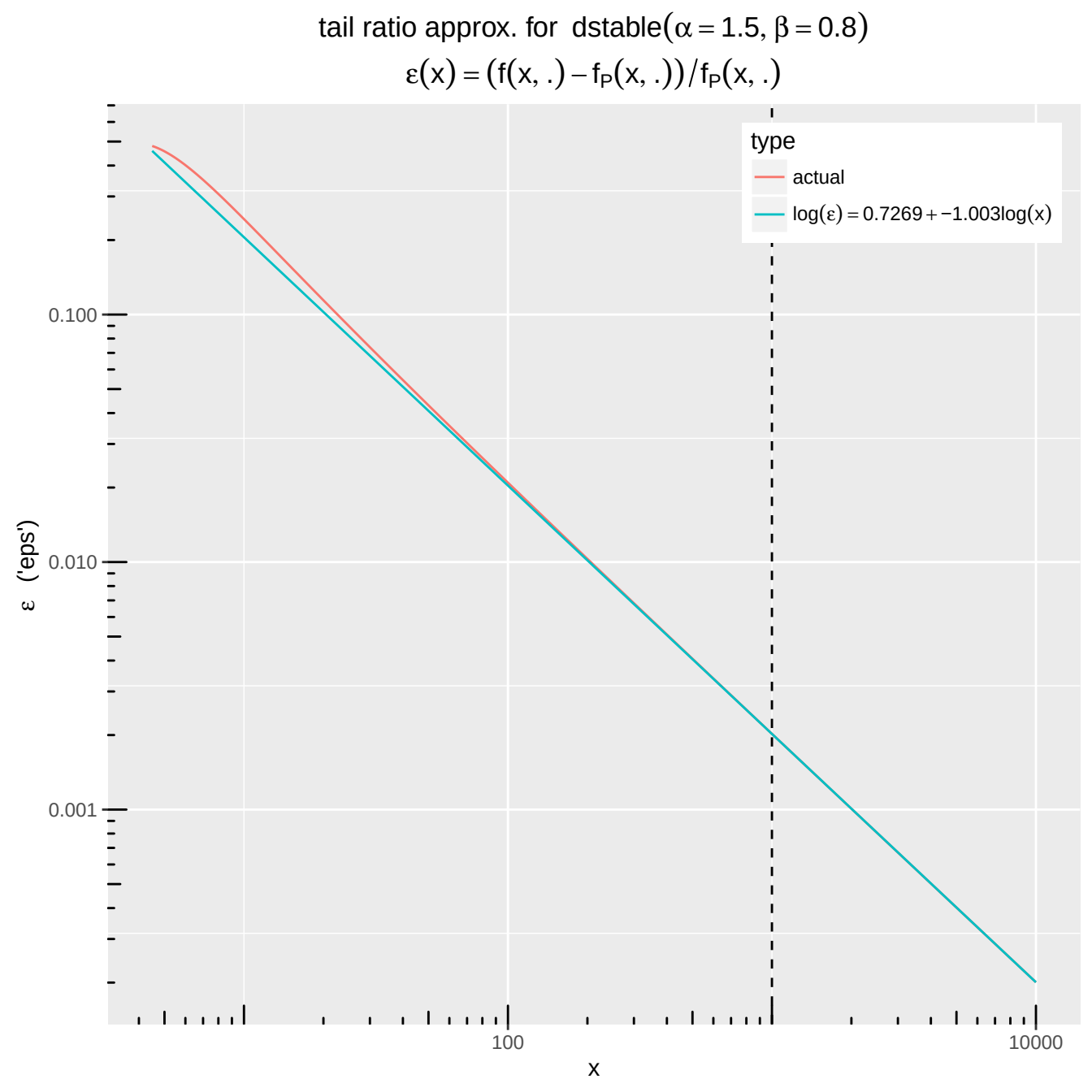

tail ratio approx. for dstable(α = 1.2, β = 0.5)
ε(x) = (f(x, .) − f_P(x, .))/f_P(x, .)
type
actual
log(ε) = 1.15 + −0.9974log(x)
1e−01
1e−04
1e−07
ε ('eps')
1e+03
1e+06
1e+09
x

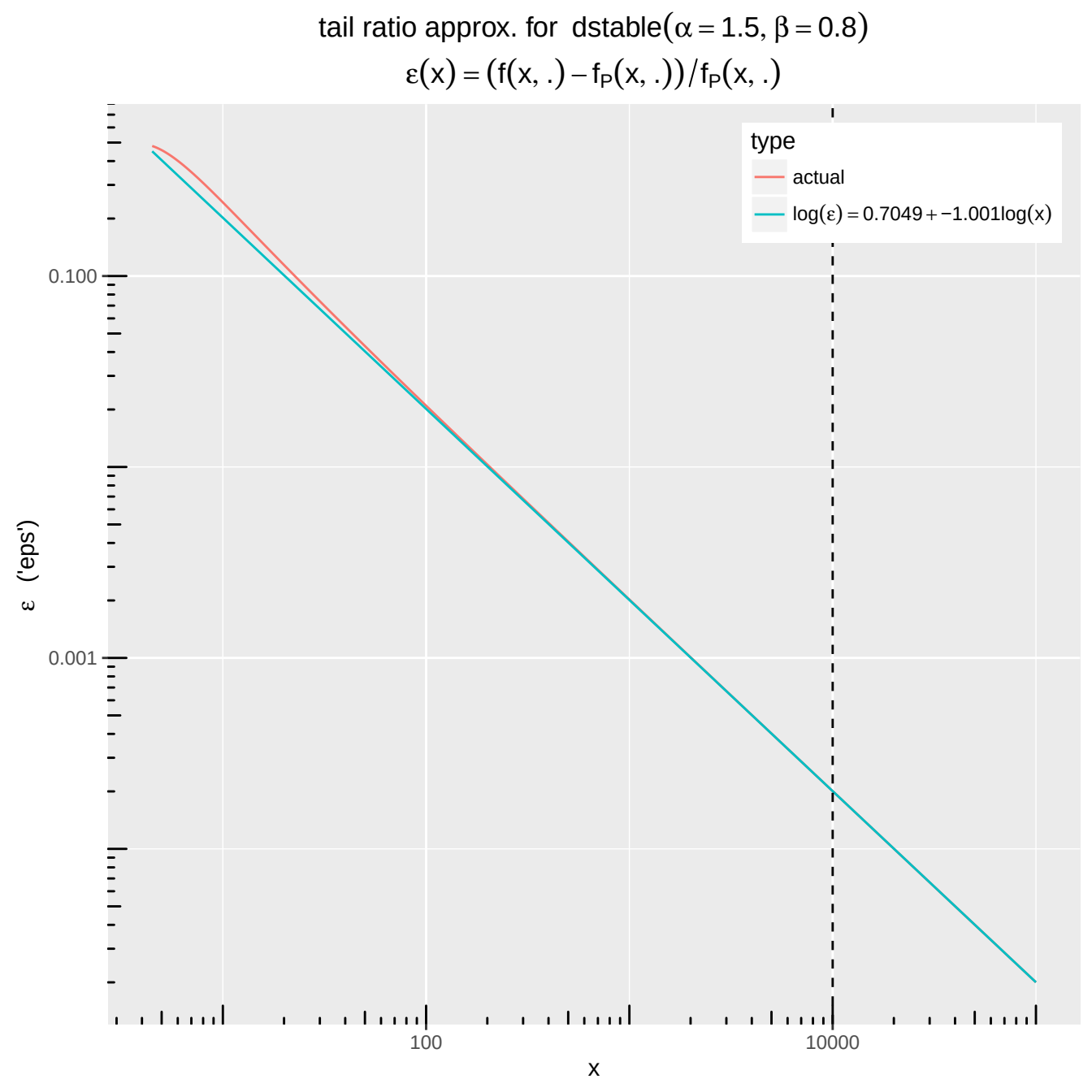

tail ratio approx. for dstable(α = 1.3, β = 0.6)
ε(x) = (f(x, .) − f_P(x, .))/f_P(x, .)
type
actual
log(ε) = 0.9827 + −0.9994log(x)
1e+00
1e−03
1e−06
ε ('eps')
1e+03
1e+06
1e+09
x

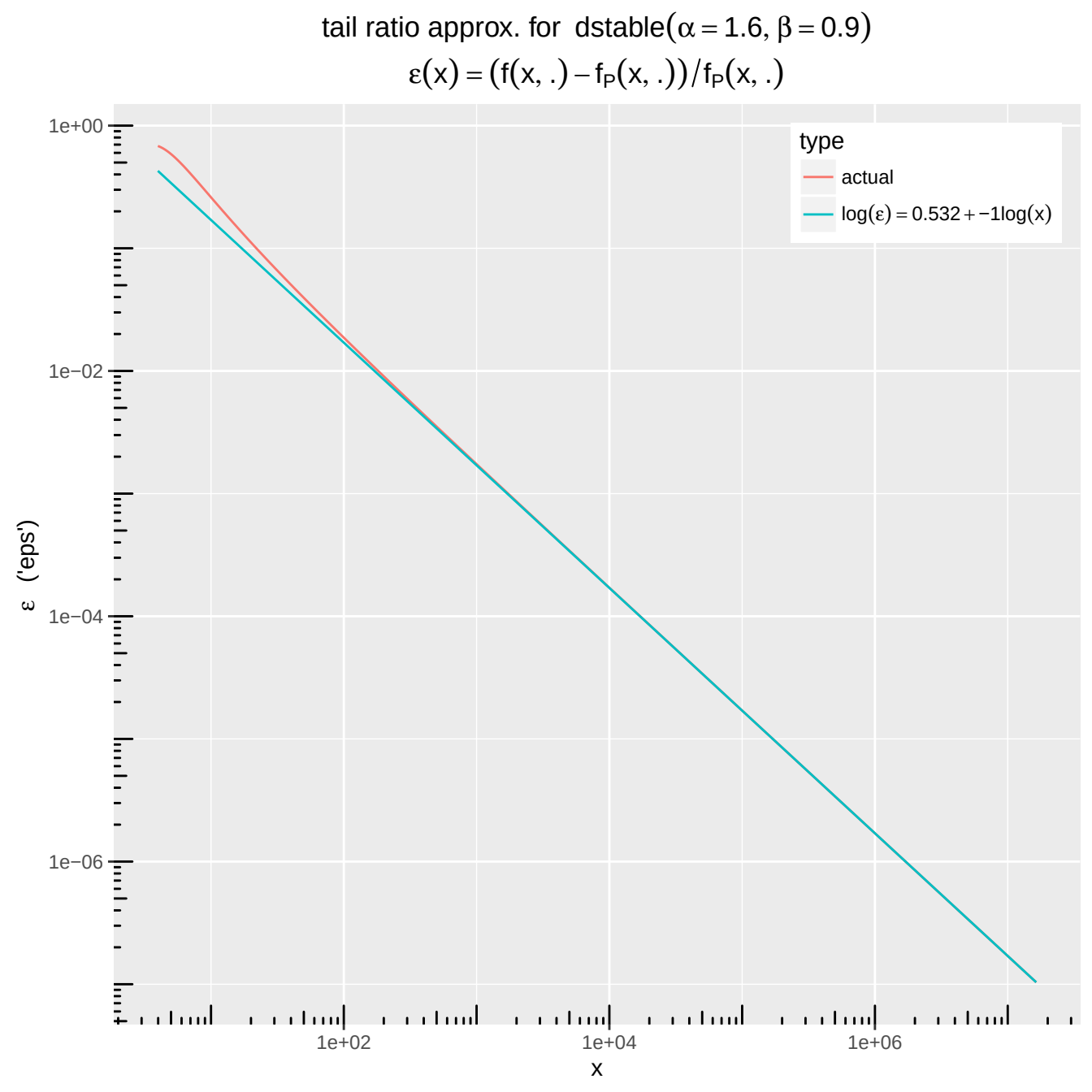

tail ratio approx. for dstable(α = 1.4, β = 0.7)
ε(x) = (f(x, .) − f_P(x, .))/f_P(x, .)
type
actual
log(ε) = 0.8363 + −0.9999log(x)
1e+00
1e−03
1e−06
ε ('eps')
1e+02
1e+04
1e+06
1e+08
x

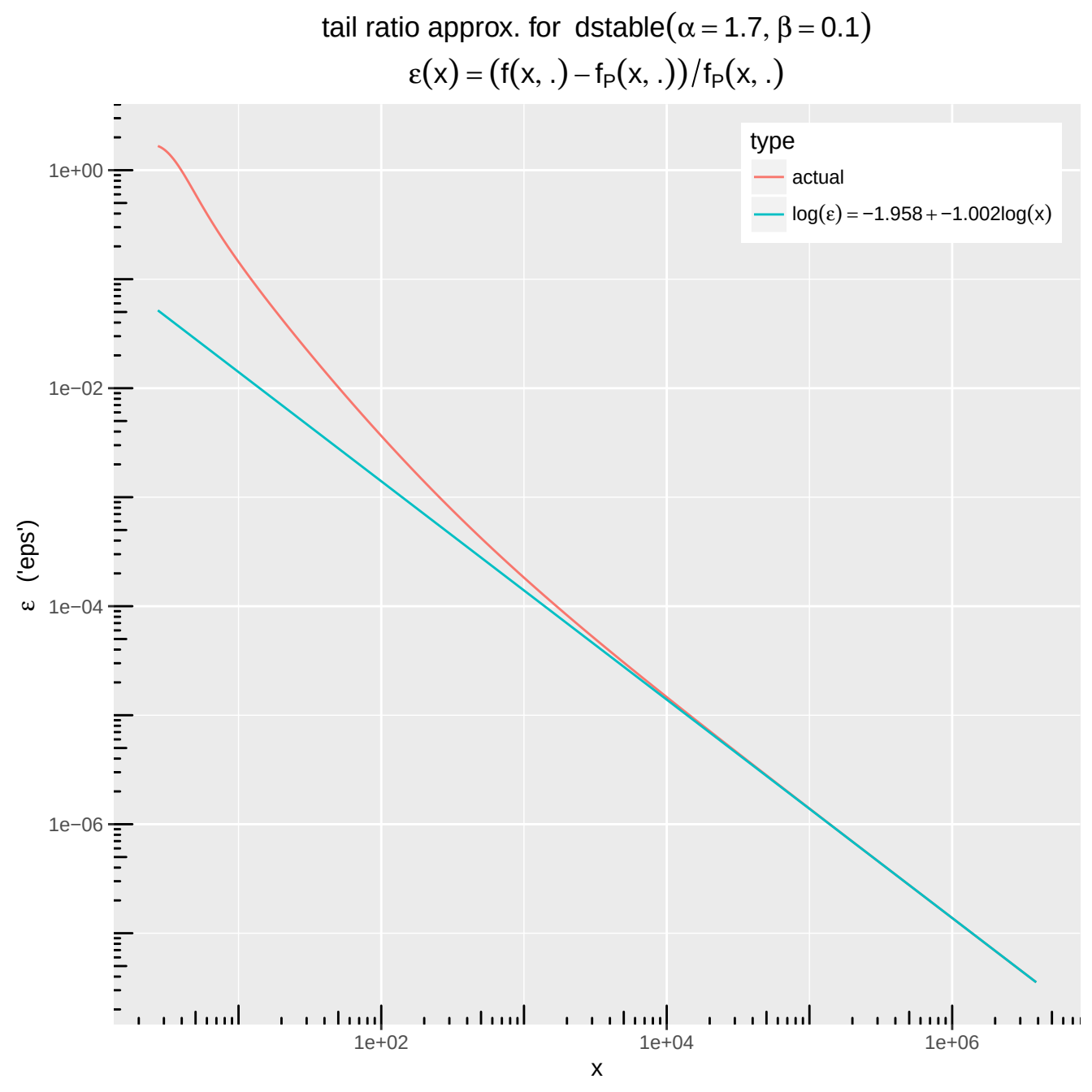

tail ratio approx. for dstable(α = 1.5, β = 0.8)
ε(x) = (f(x, .) − f_P(x, .))/f_P(x, .)
type
actual
log(ε) = 0.6939 + −1log(x)
1e+00
1e−02
1e−04
1e−06
ε ('eps')
1e+02
1e+04
1e+06
1e+08
x

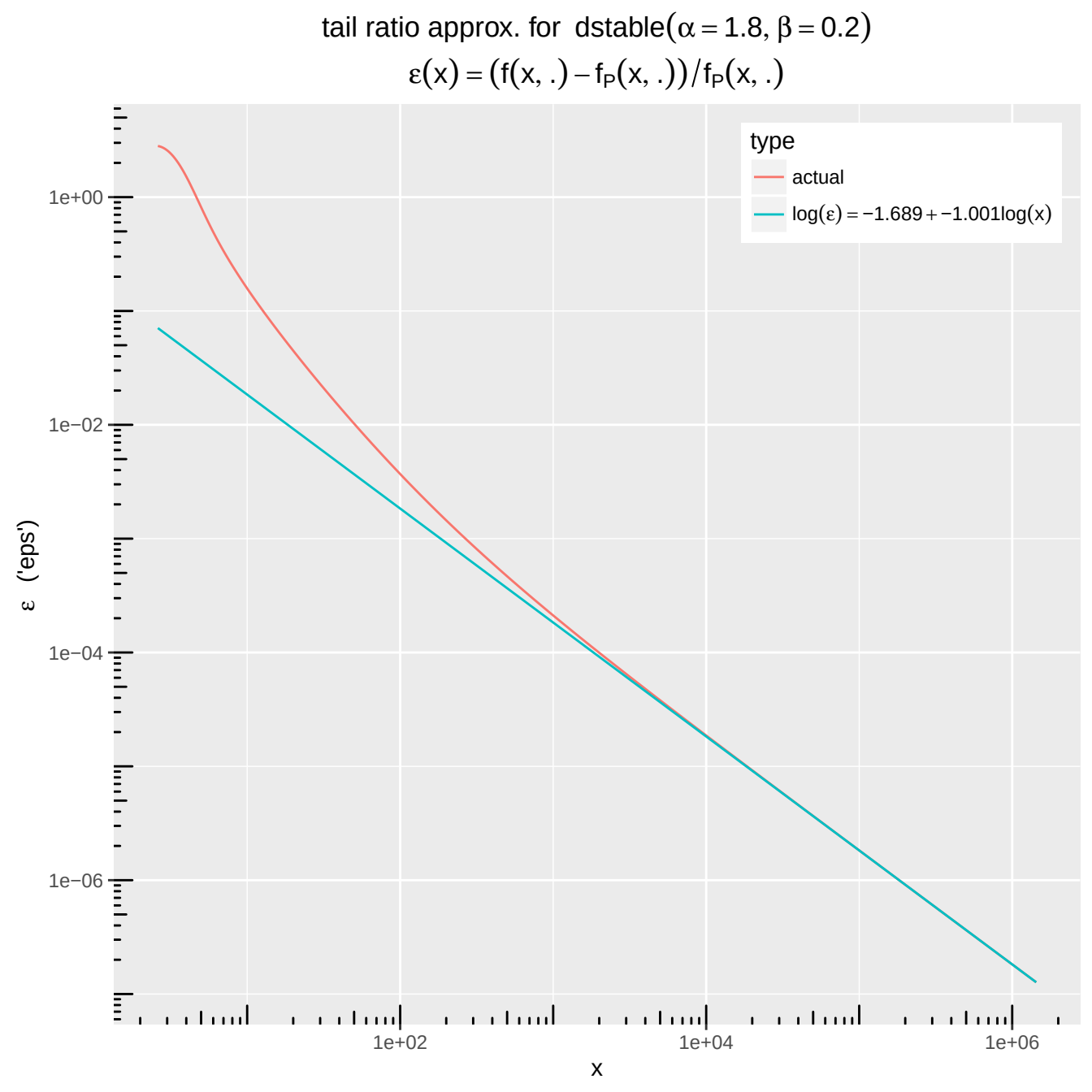

tail ratio approx. for dstable(α = 1.5, β = 0.8)
ε(x) = (f(x, .) − f_P(x, .))/f_P(x, .)
type
actual
log(ε) = 0.7975 + −1.014log(x)
0.10
0.01
ε ('eps')
10
100
1000
x

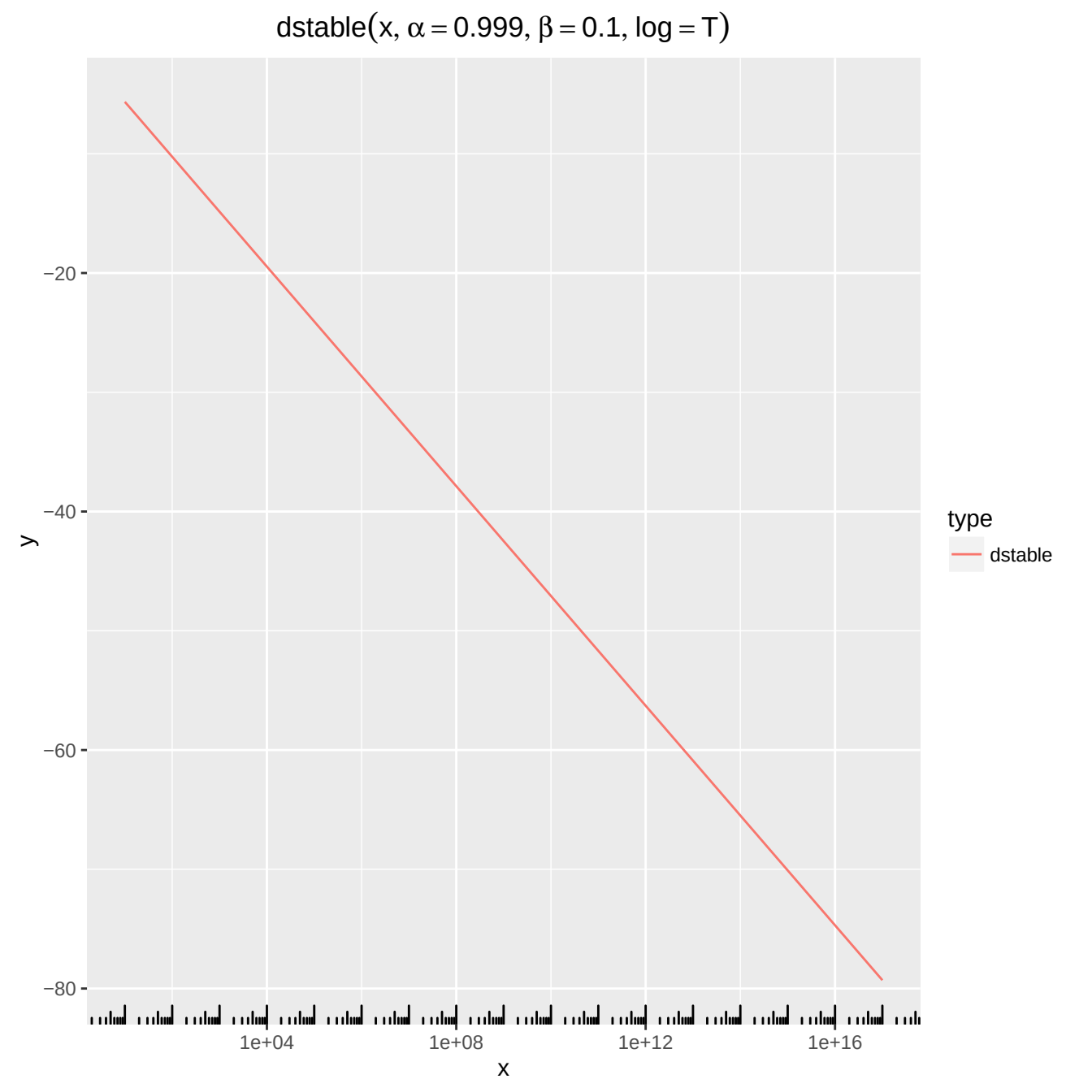

tail ratio approx. for dstable(α = 1.5, β = 0.8)
ε(x) = (f(x, .) − f_P(x, .))/f_P(x, .)
type
actual
log(ε) = 0.7269 + −1.003log(x)
0.100
0.010
0.001
ε ('eps')
100
10000
x

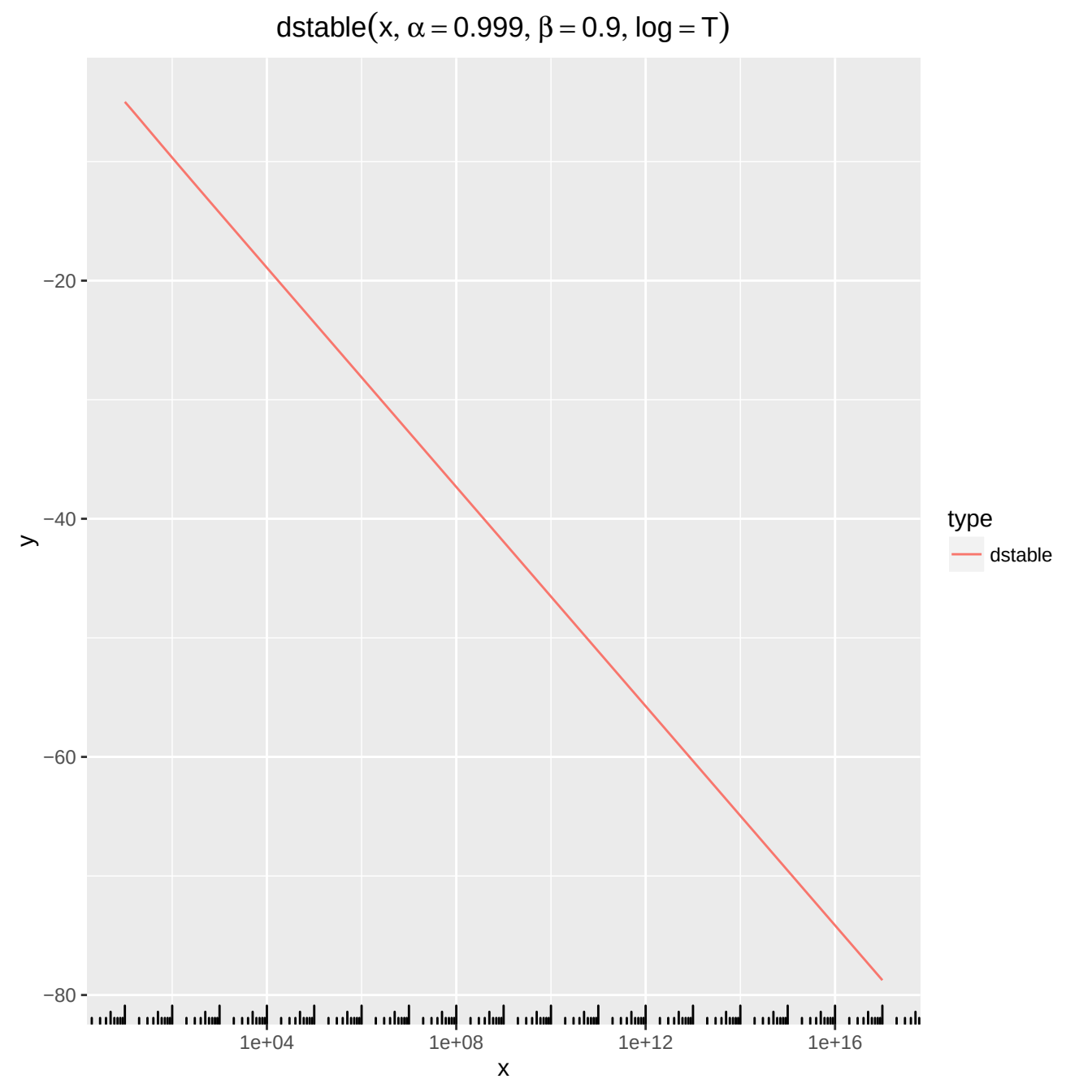

tail ratio approx. for dstable(α = 1.5, β = 0.8)
ε(x) = (f(x, .) − f_P(x, .))/f_P(x, .)
type
actual
log(ε) = 0.7049 + −1.001log(x)
0.100
0.001
ε ('eps')
100
10000
x

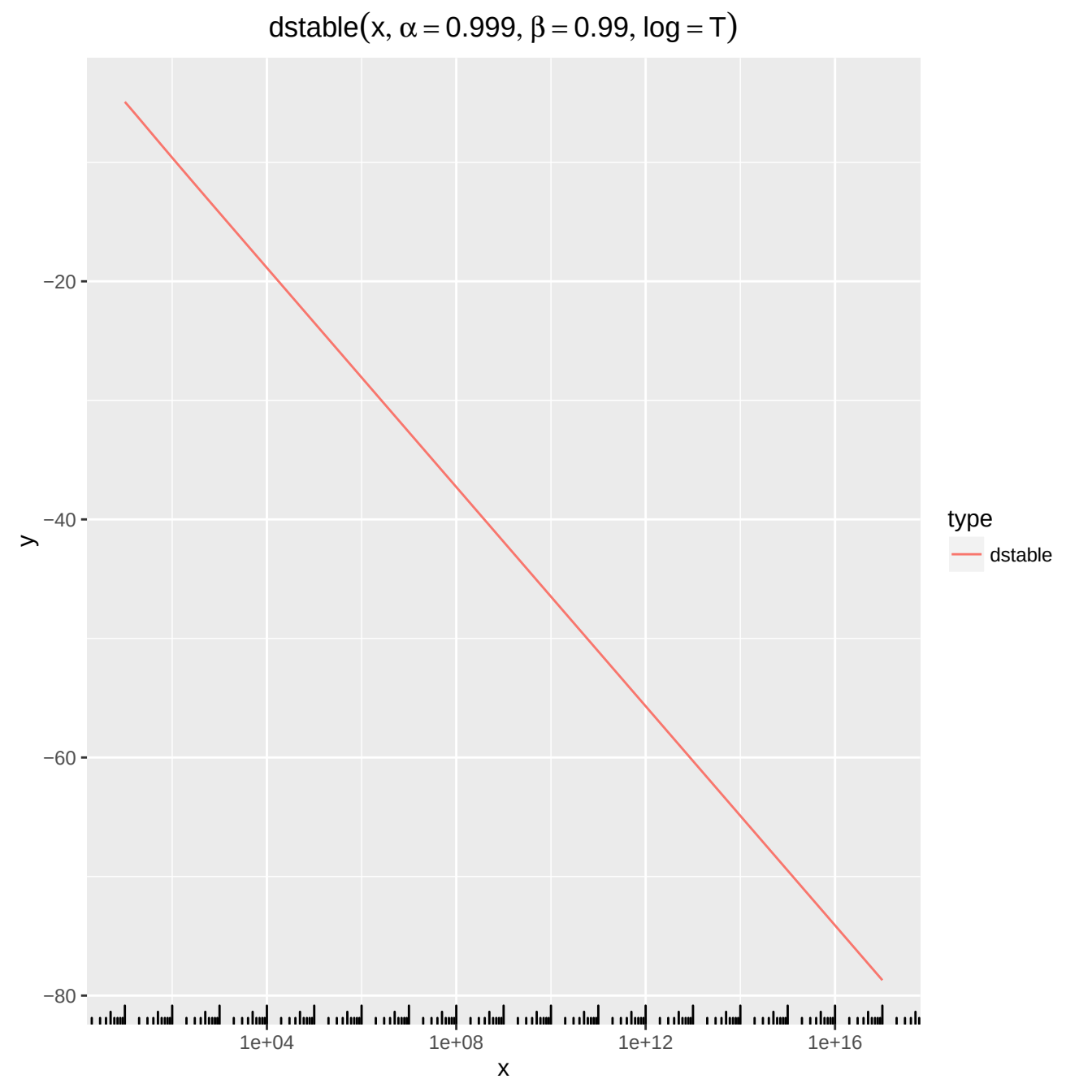

tail ratio approx. for dstable(α = 1.6, β = 0.9)
ε(x) = (f(x, .) − f_P(x, .))/f_P(x, .)
type
actual
log(ε) = 0.532 + −1log(x)
1e+00
1e−02
1e−04
1e−06
ε ('eps')
1e+02
1e+04
1e+06
x

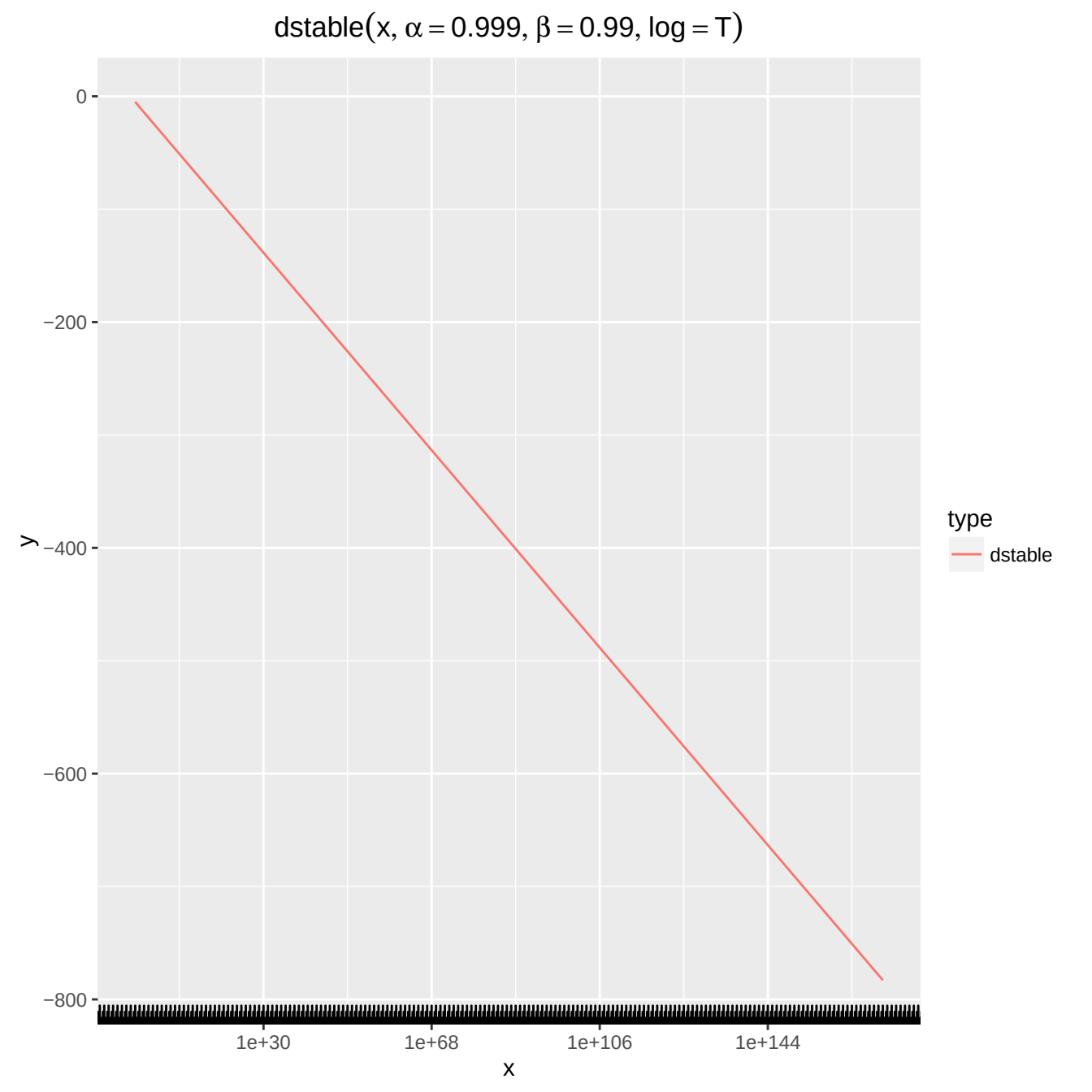

tail ratio approx. for dstable(α = 1.7, β = 0.1)
ε(x) = (f(x, .) − f_P(x, .))/f_P(x, .)
type
actual
log(ε) = −1.958 + −1.002log(x)
1e+00
1e−02
1e−04
1e−06
ε ('eps')
1e+02
1e+04
1e+06
x

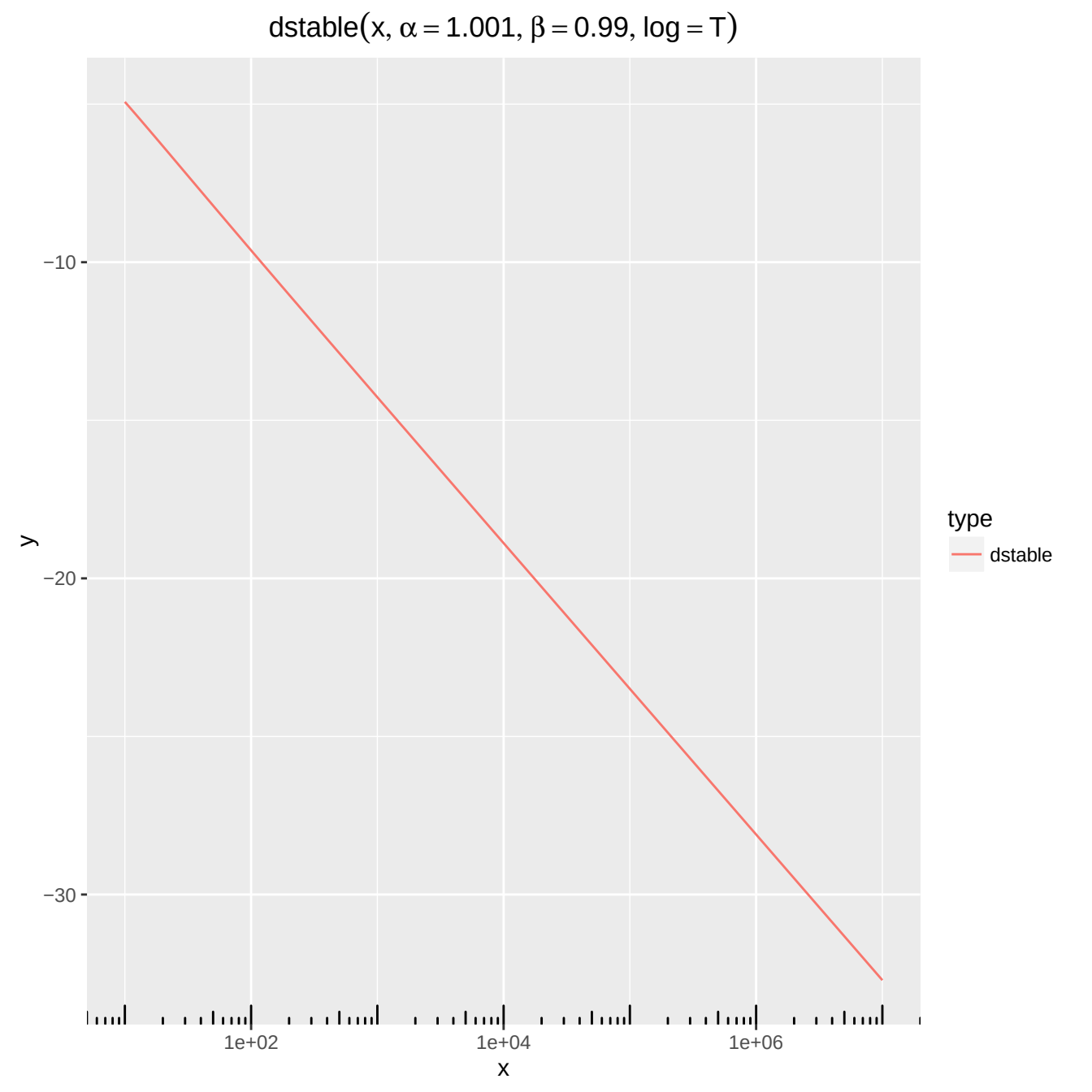

tail ratio approx. for dstable(α = 1.8, β = 0.2)
ε(x) = (f(x, .) − f_P(x, .))/f_P(x, .)
type
actual
log(ε) = −1.689 + −1.001log(x)
1e+00
1e−02
1e−04
1e−06
ε ('eps')
1e+02
1e+04
1e+06
x

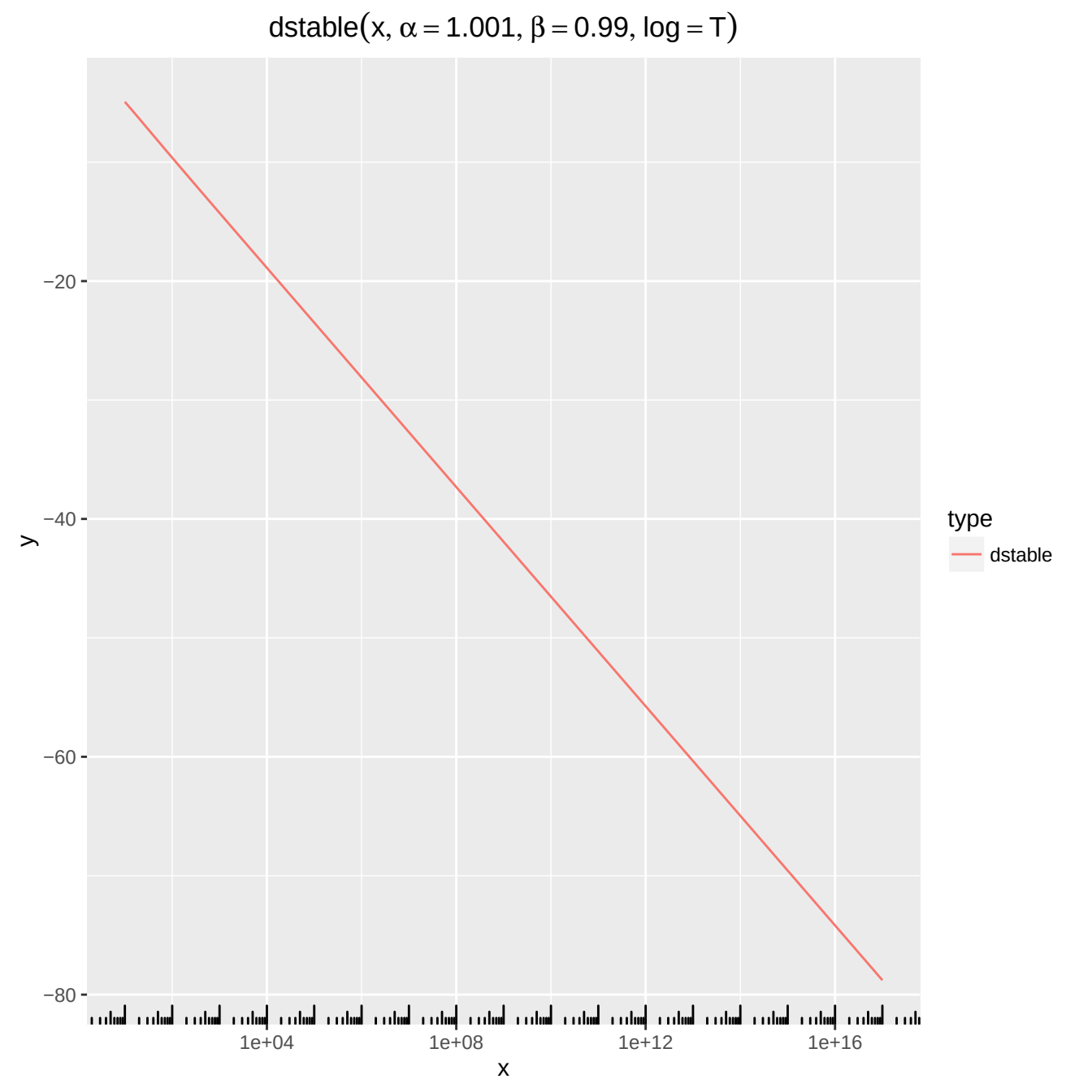

dstable(x, α = 0.999, β = 0.1, log = T)
−20
−40
−60
−80
y
1e+04
1e+08
1e+12
1e+16
x
type
dstable

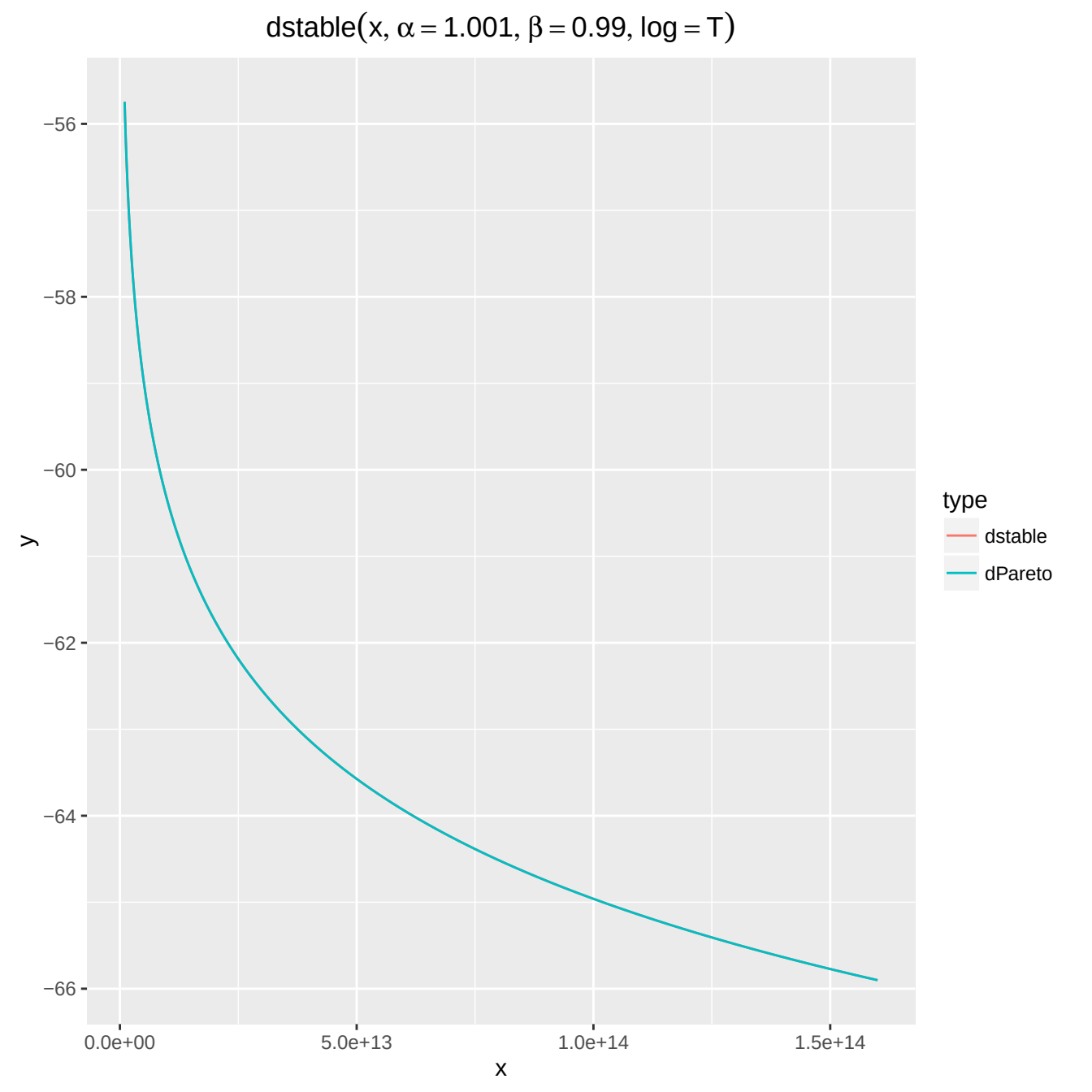

dstable(x, α = 0.999, β = 0.9, log = T)
−20
−40
−60
−80
y
1e+04
1e+08
1e+12
1e+16
x
type
dstable

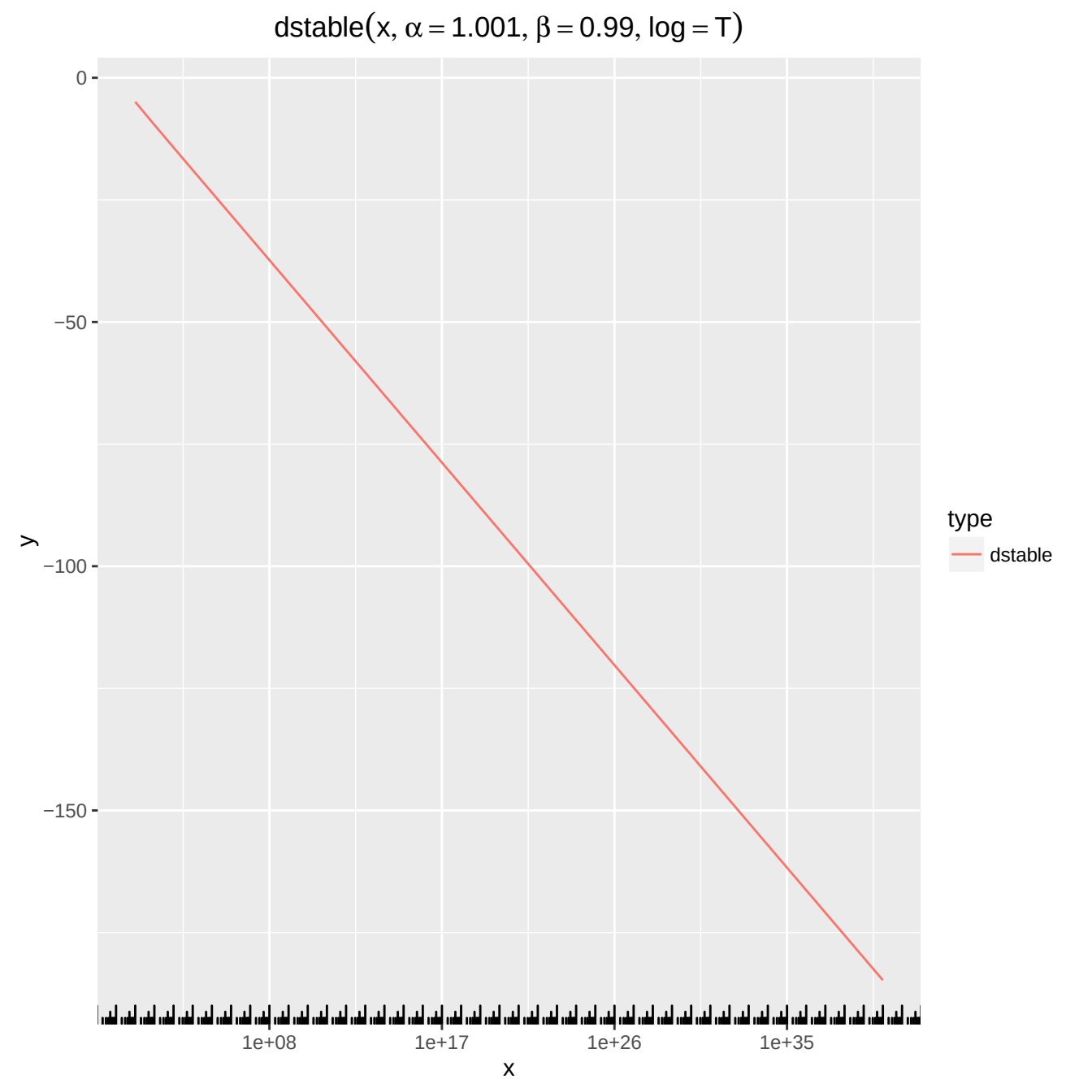

dstable(x, α = 0.999, β = 0.99, log = T)
−20
−40
−60
−80
y
1e+04
1e+08
1e+12
1e+16
x
type
dstable

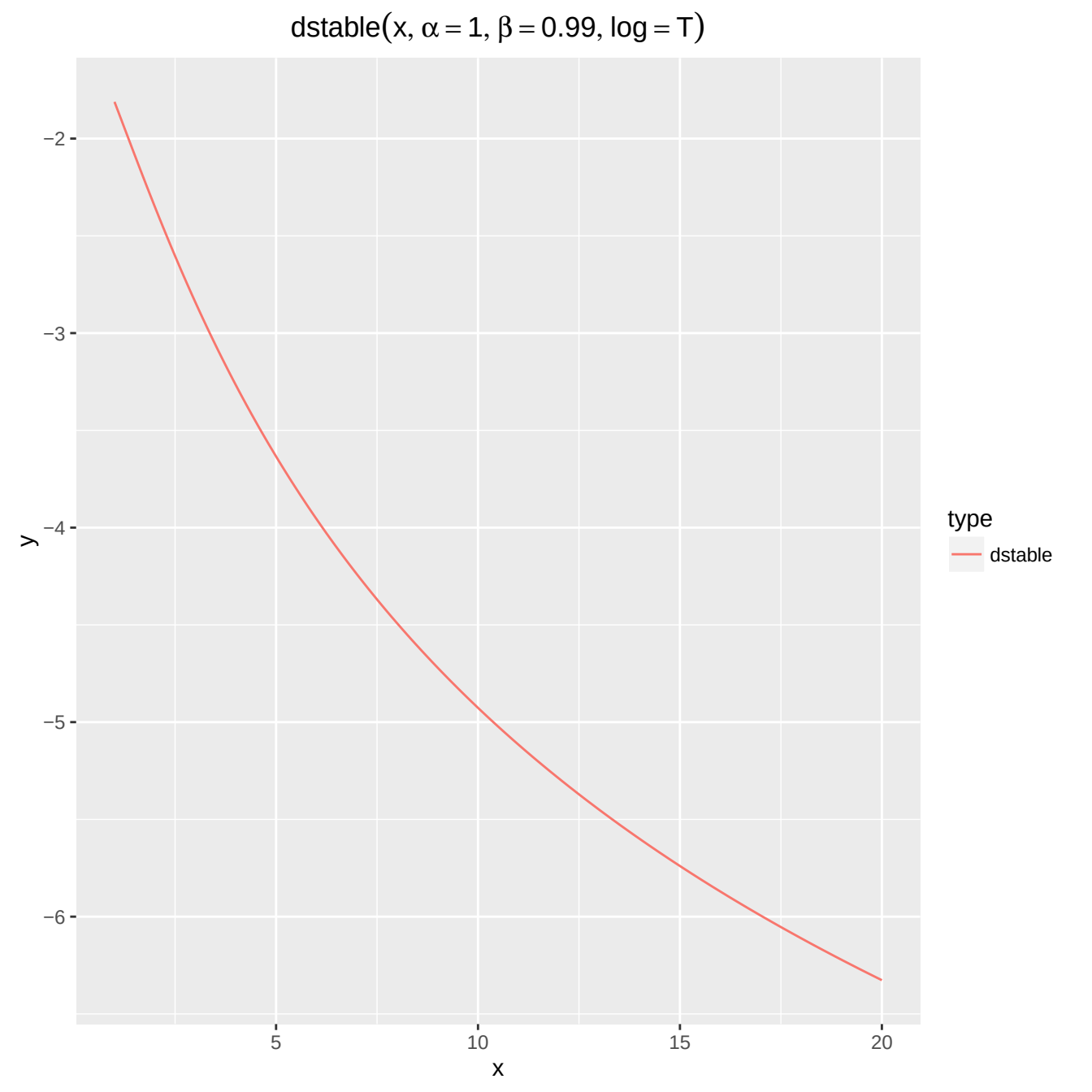

dstable(x, α = 0.999, β = 0.99, log = T)
0
−200
−400
−600
−800
y
1e+30
1e+68
1e+106
1e+144
x
type
dstable

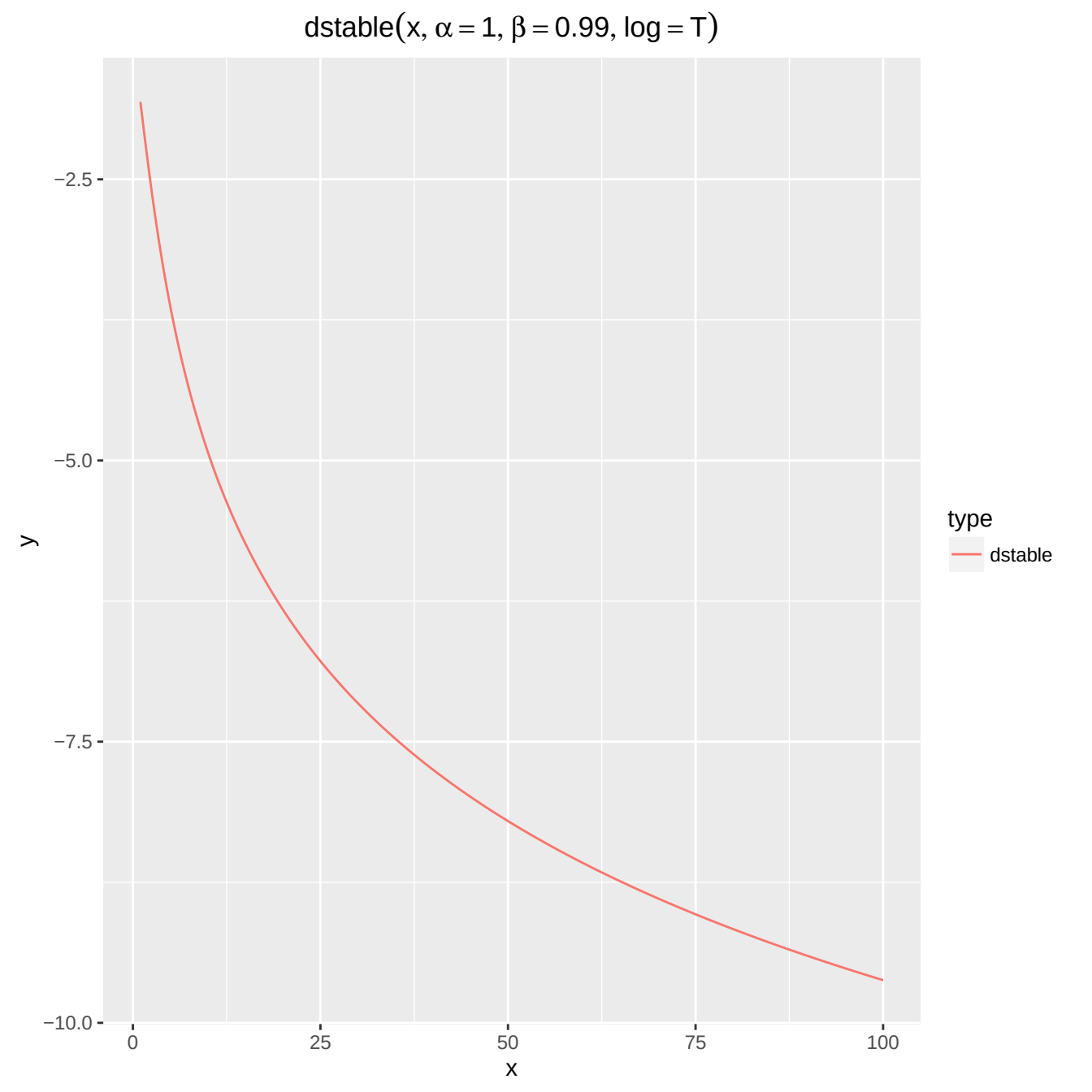

dstable(x, α = 1.001, β = 0.99, log = T)
−10
−20
−30
y
1e+02
1e+04
1e+06
x
type
dstable


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