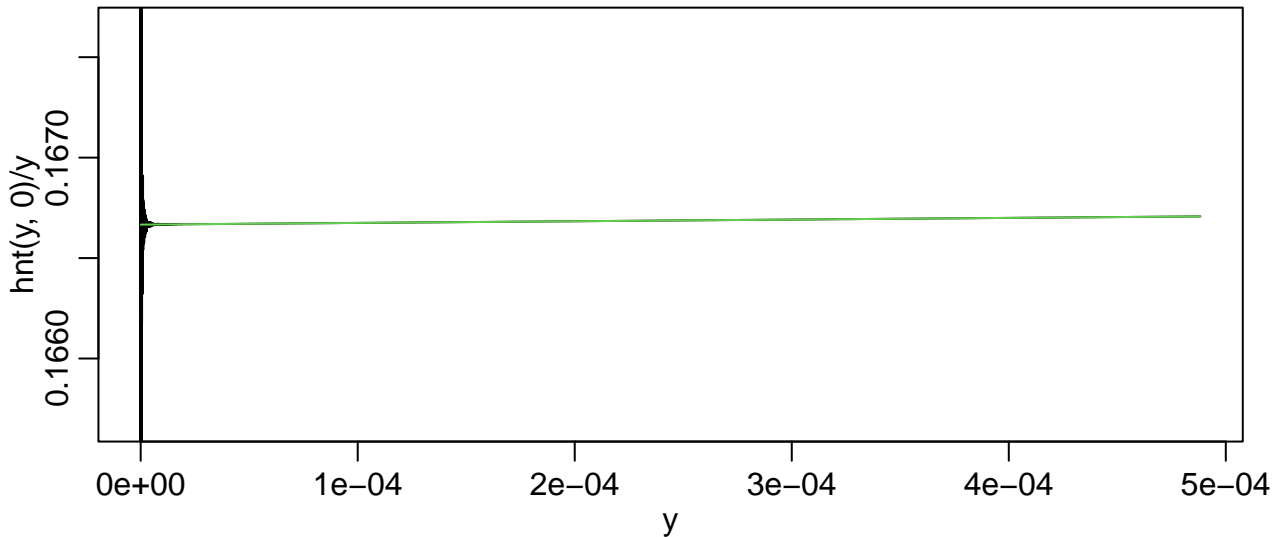
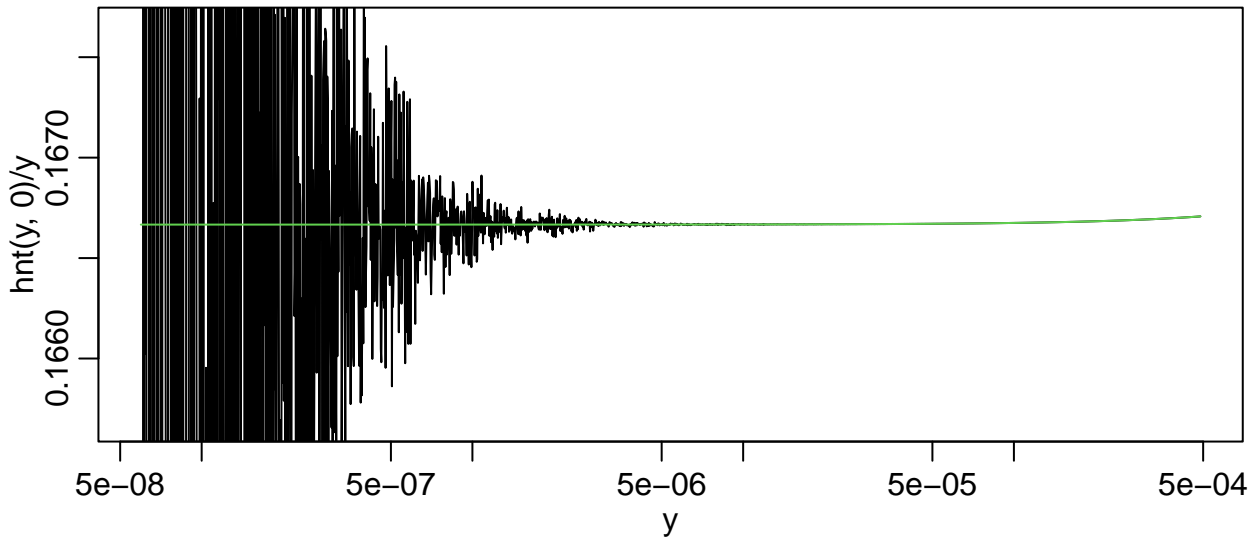


**hnt[d](y)/y & hnt(y,2)/y {only terms k=0,1,2}**

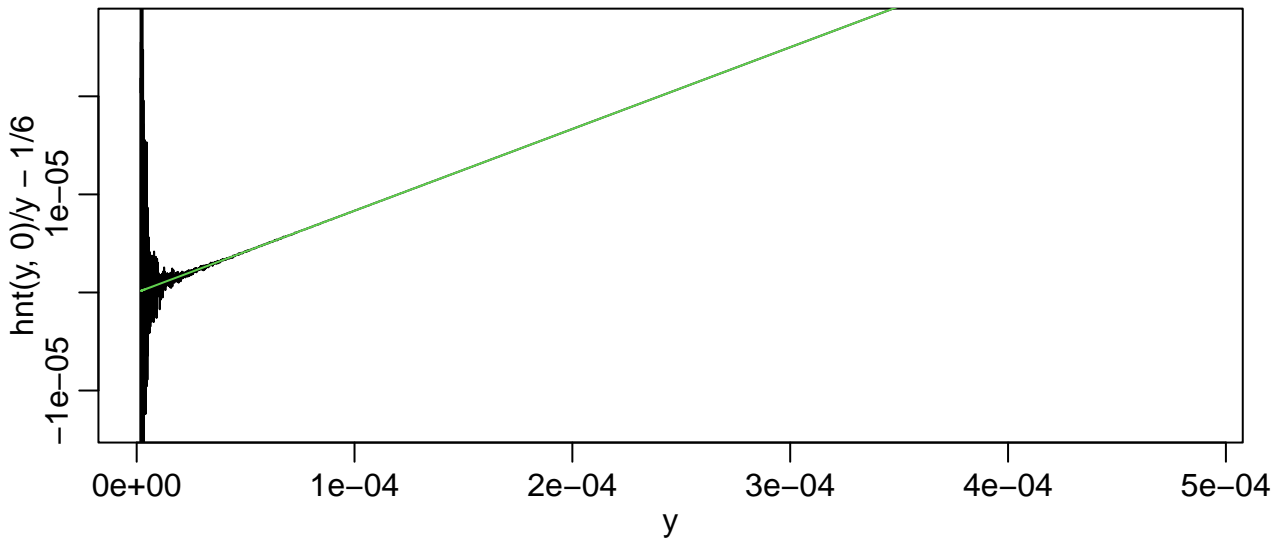


**at  $y \leftarrow 2^{\text{seq}(-80, -10, \text{length}=2001)}$**

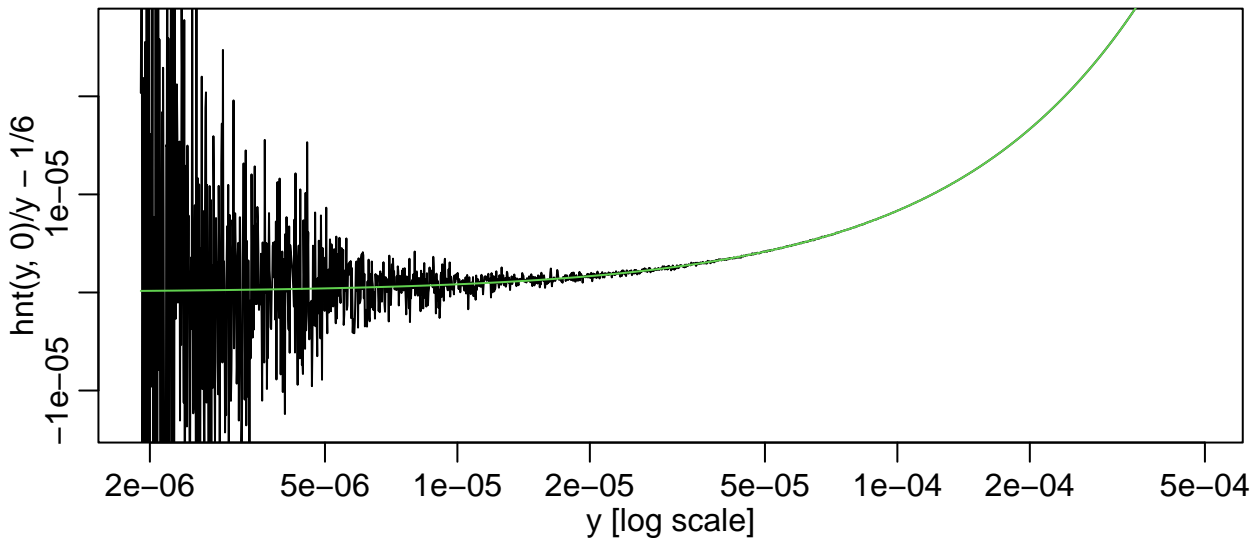




**$\text{hnt}[d](y)/y - 1/6$  &  $\text{hnt}(y,4)/y - 1/6$**



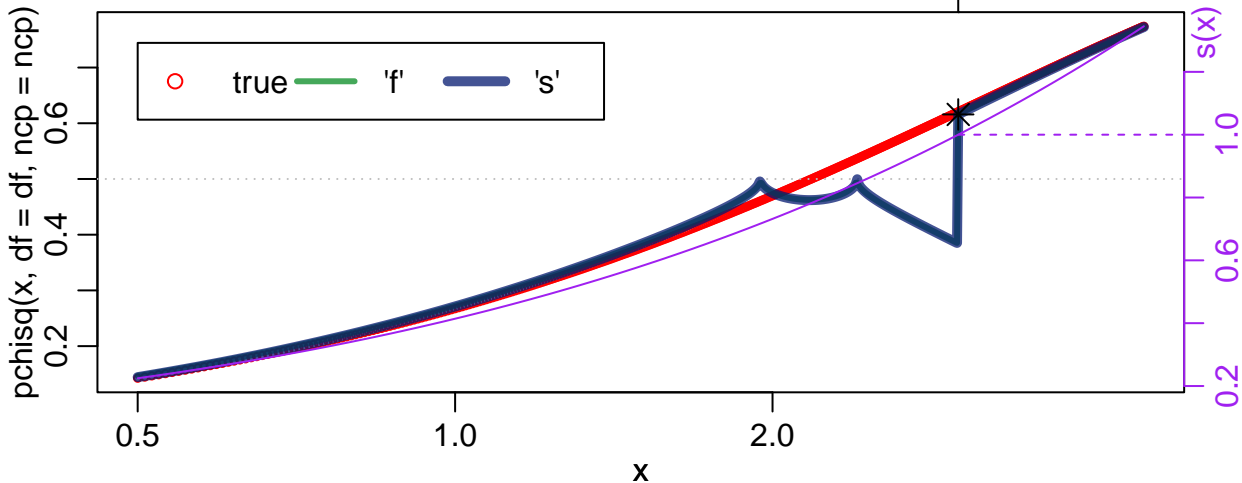
**at  $y \leftarrow 2^{\text{seq}(-19,-11, \text{length}=2001)}$**



# wienergerm : problem at $x \sim= ncp+df$ (df 'small')

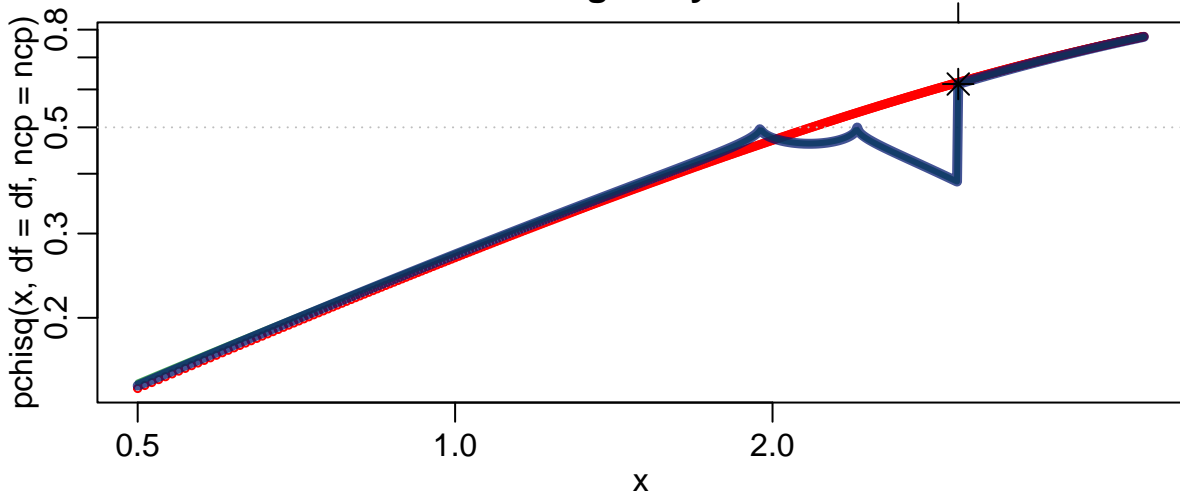
$v = 2, \lambda = 1$

$x_0 = v + \lambda$



log = "xy"

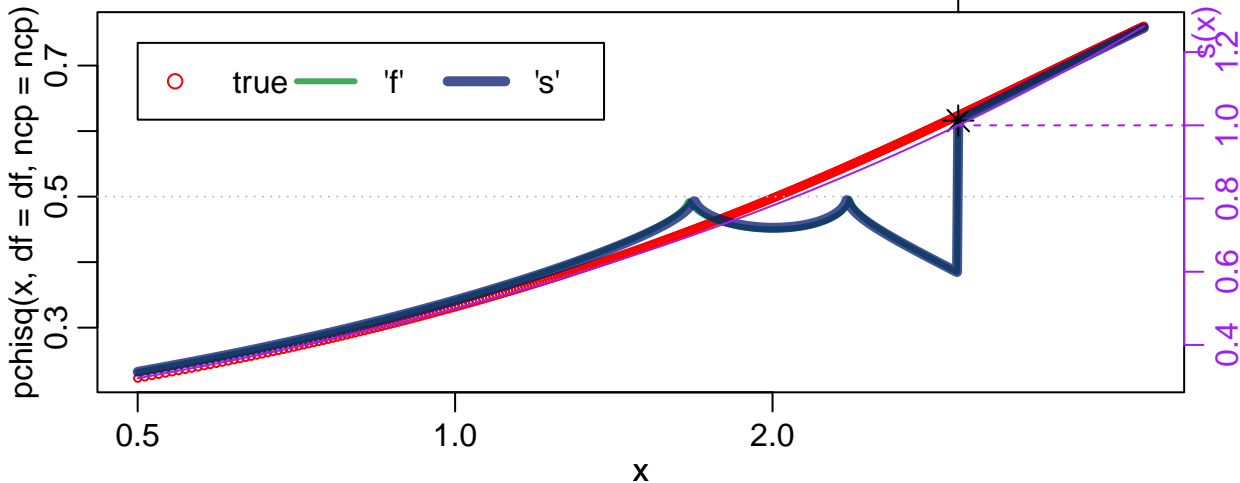
$x_0 = v + \lambda$



# wienergerm : problem at $x \sim= ncp+df$ (df 'small')

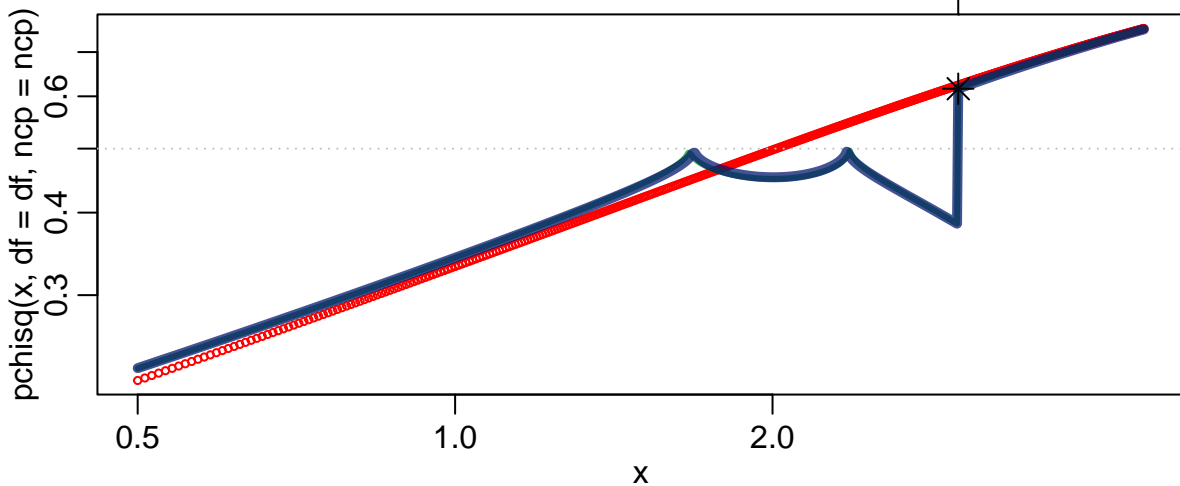
$v = 1, \lambda = 2$

$x_0 = v + \lambda$



log = "xy"

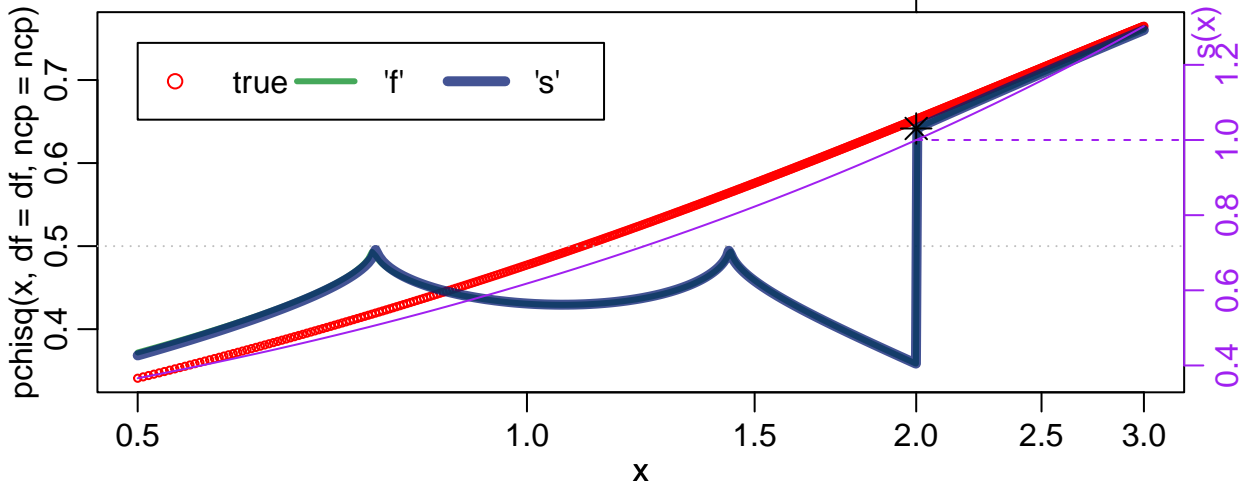
$x_0 = v + \lambda$



# wienergerm : problem at $x \sim= ncp+df$ (df 'small')

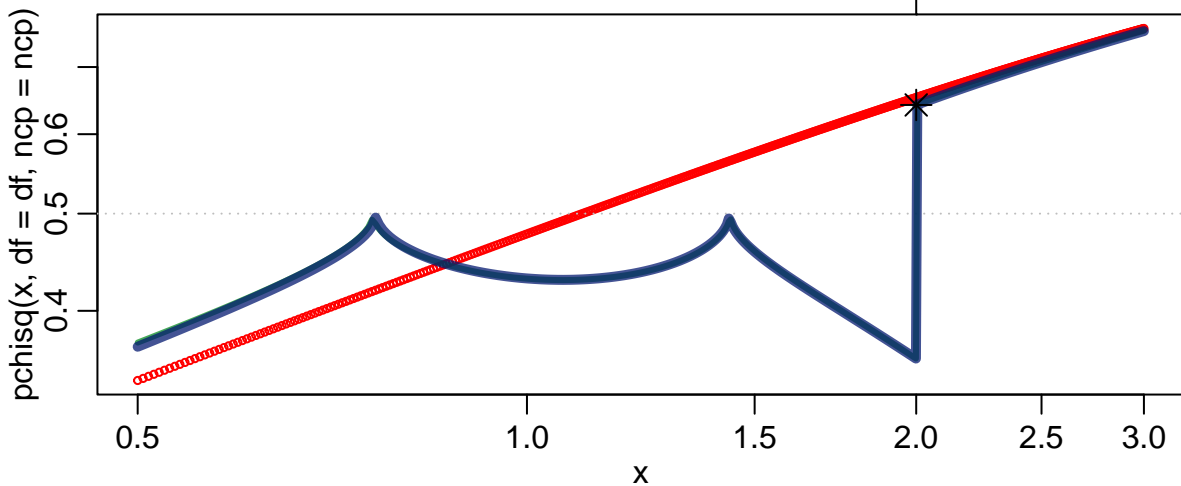
$v = 1, \lambda = 1$

$x_0 = v + \lambda$



log = "xy"

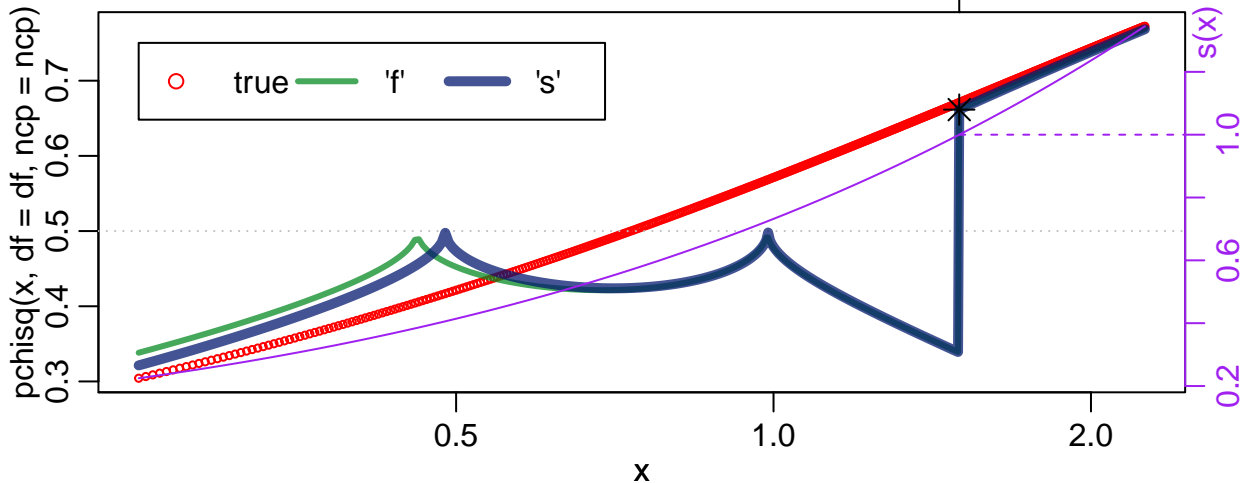
$x_0 = v + \lambda$



# wienergerm : problem at $x \sim= ncp+df$ (df 'small')

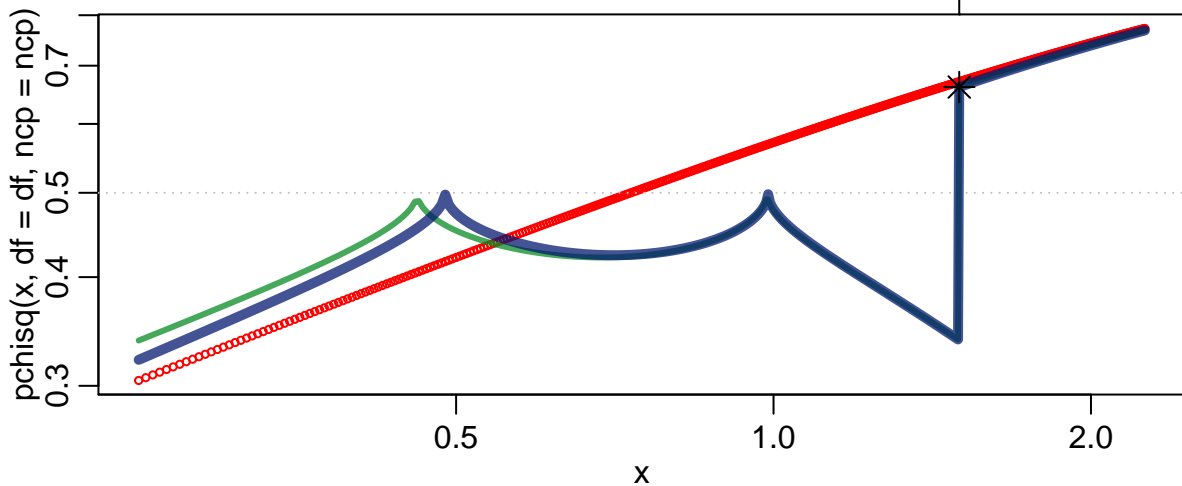
$v = 1, \lambda = 0.5$

$x_0 = v + \lambda$



log = "xy"

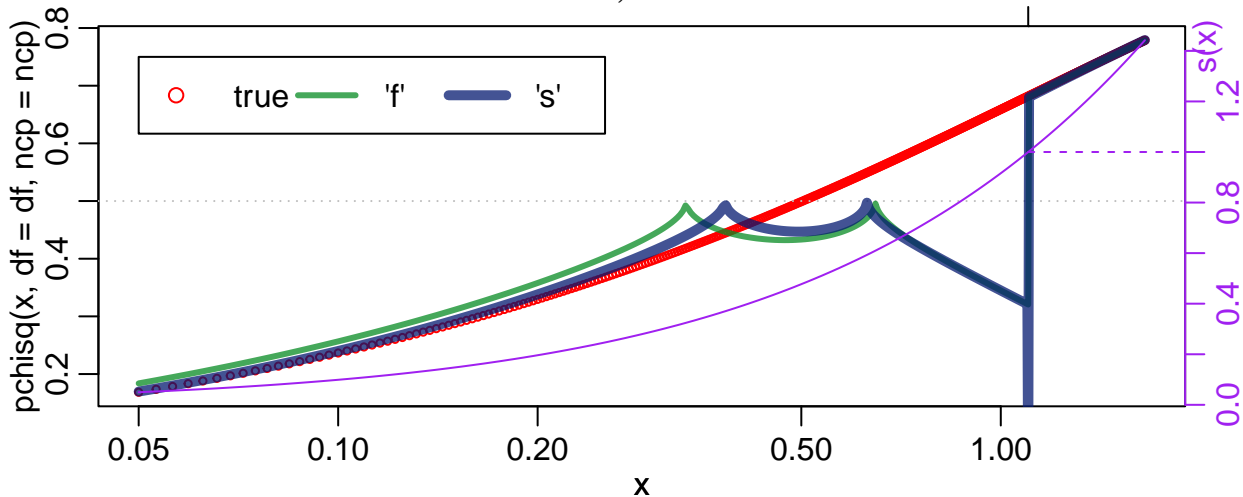
$x_0 = v + \lambda$



# wienergerm : problem at $x \sim= ncp+df$ (df 'small')

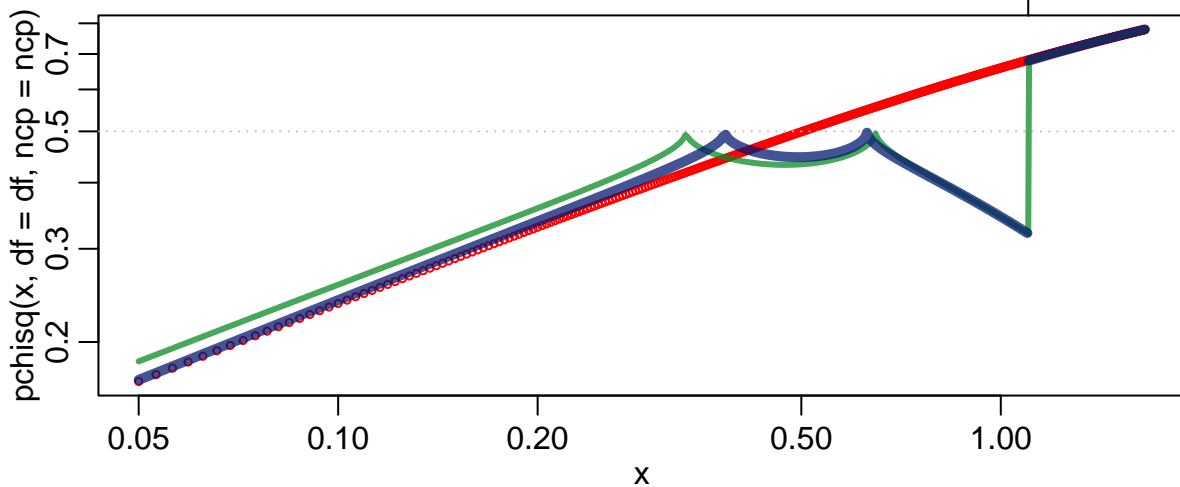
$v = 1, \lambda = 0.1$

$x_0 = v + \lambda$



log = "xy"

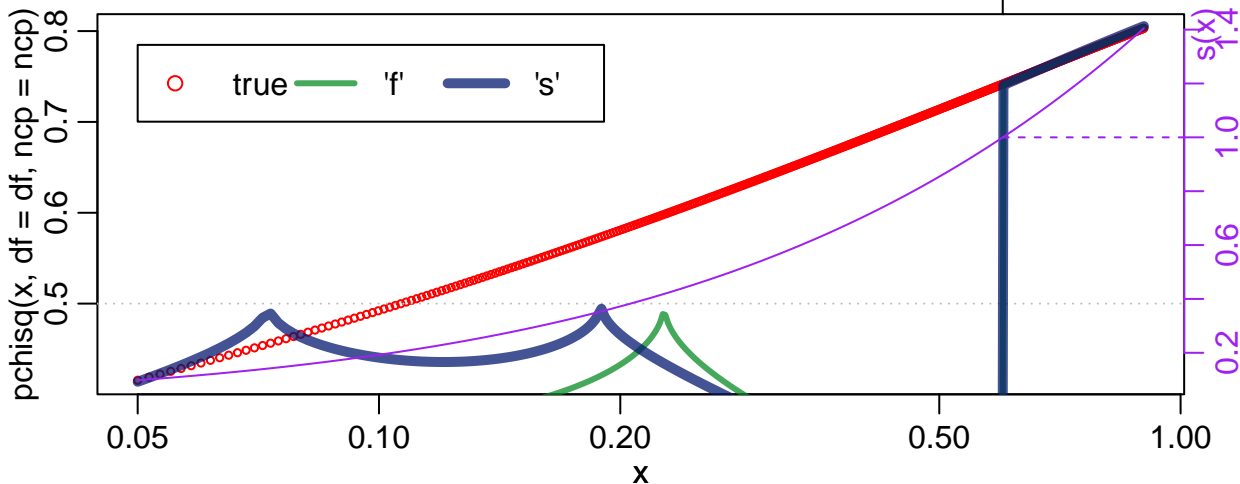
$x_0 = v + \lambda$



# wienergerm : problem at $x \sim= ncp+df$ (df 'small')

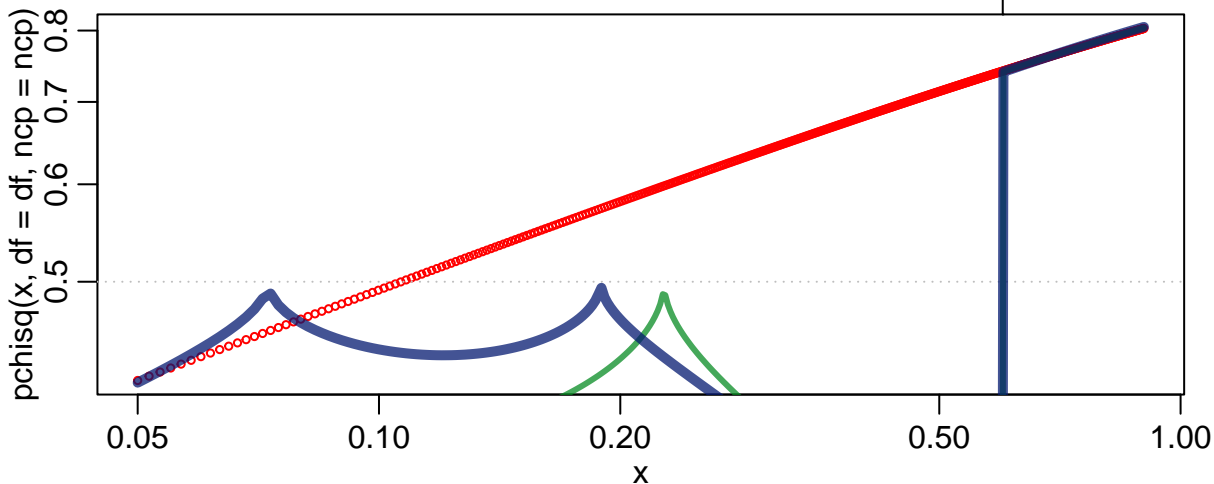
$v = 0.5, \lambda = 0.1$

$x_0 = v + \lambda$



log = "xy"

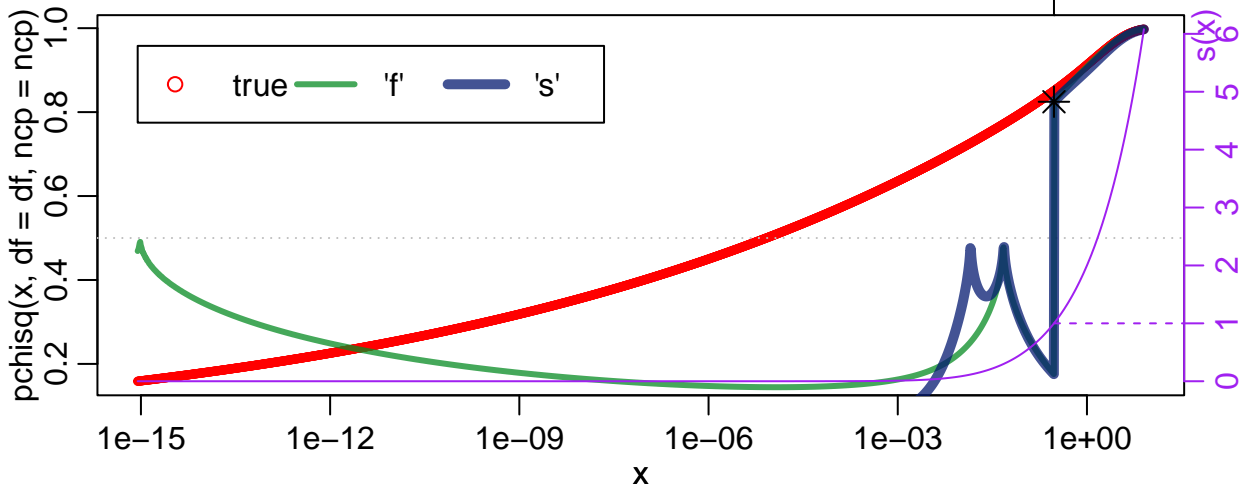
$x_0 = v + \lambda$



# wienergerm : problem at $x \sim v + \lambda$ (df 'small')

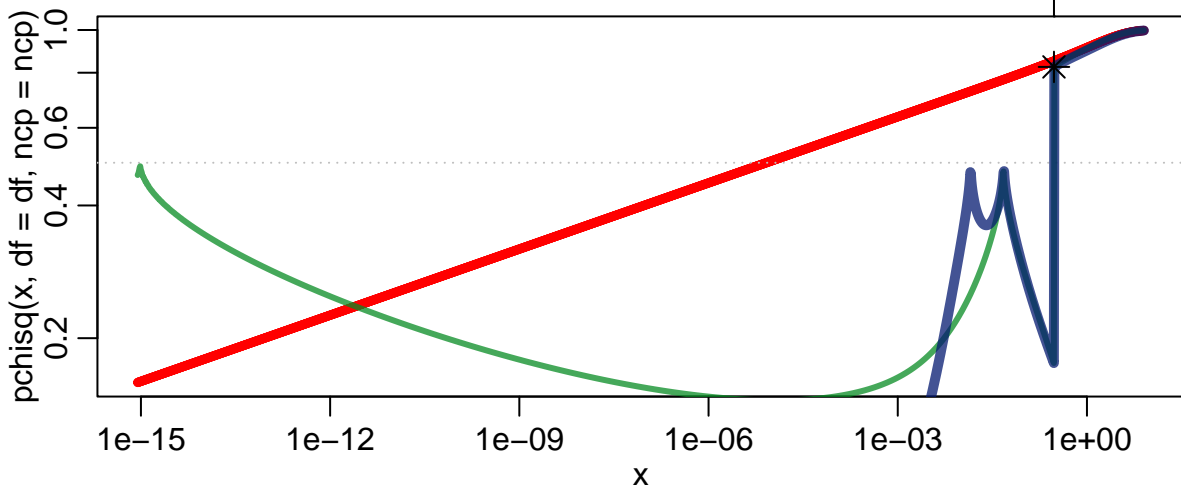
$v = 0.1, \lambda = 0.2$

$x_0 = v + \lambda$



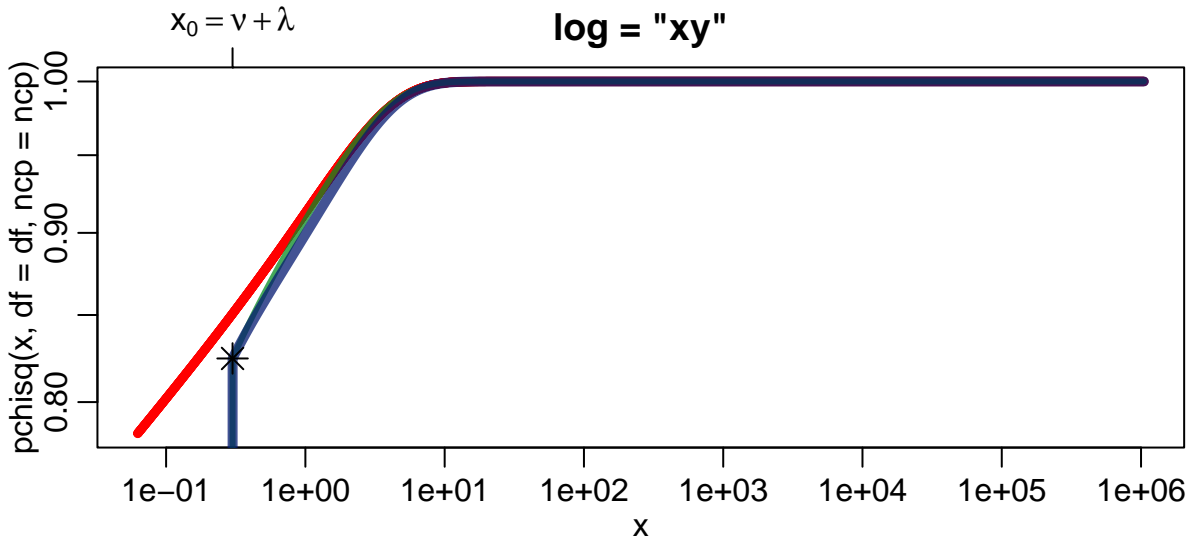
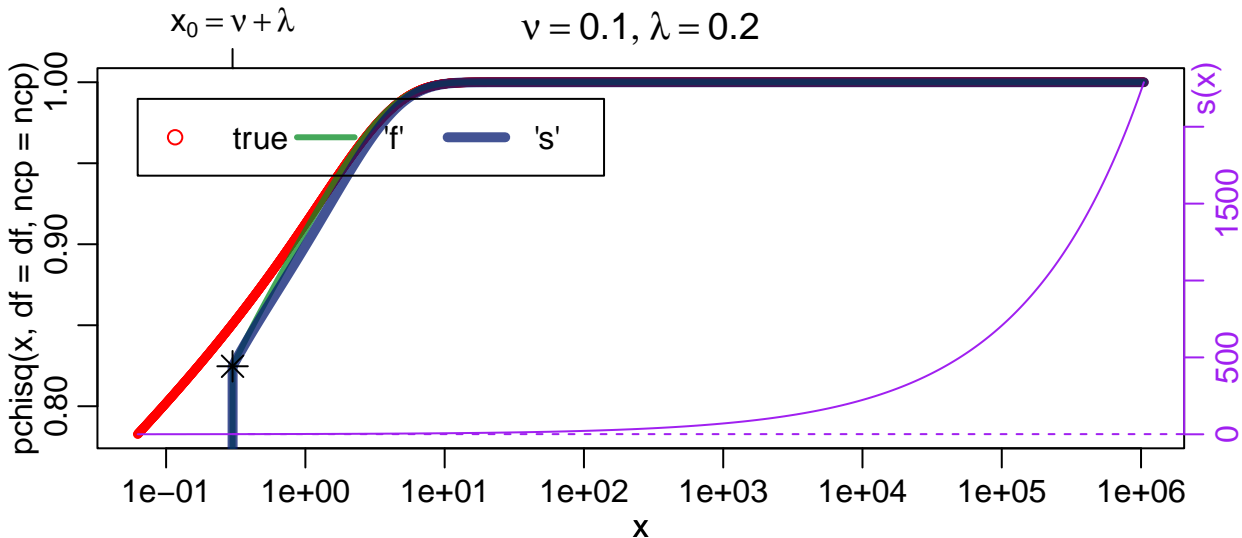
log = "xy"

$x_0 = v + \lambda$





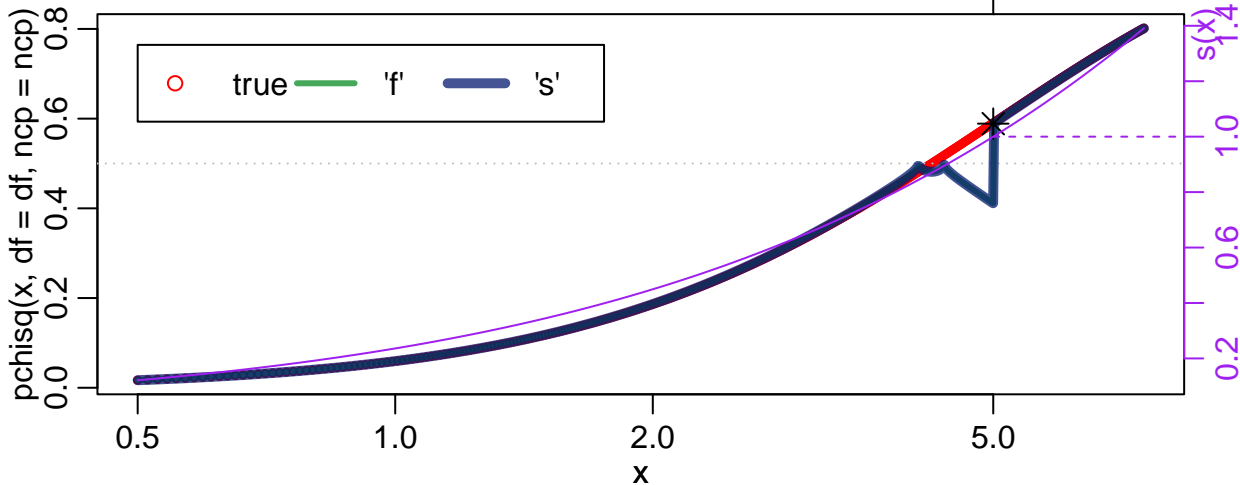
# wienergerm : problem at $x \sim= ncp+df$ (df 'small')



# wienergerm : problem at $x \sim= ncp+df$ (df 'small')

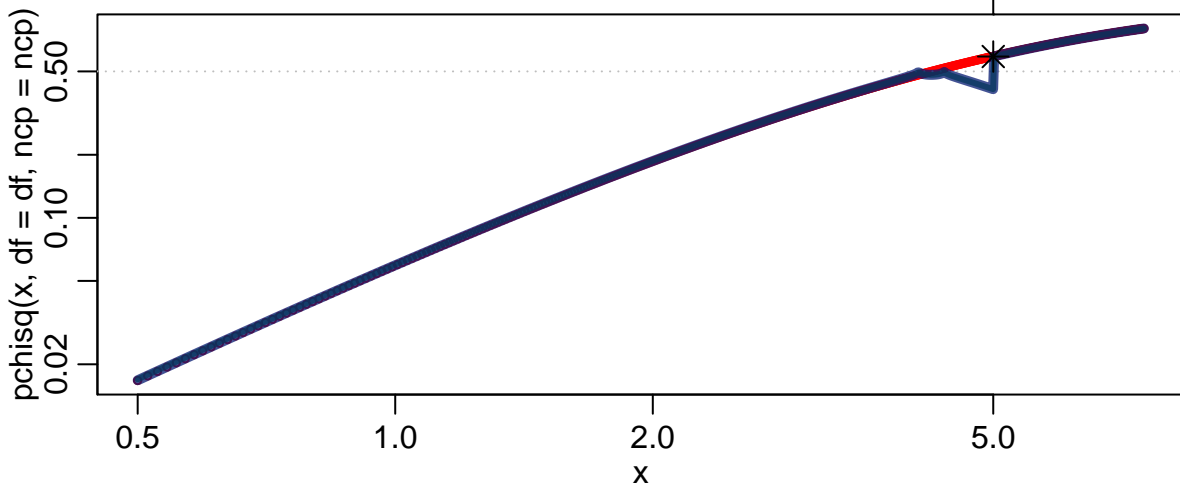
$v = 4, \lambda = 1$

$x_0 = v + \lambda$



log = "xy"

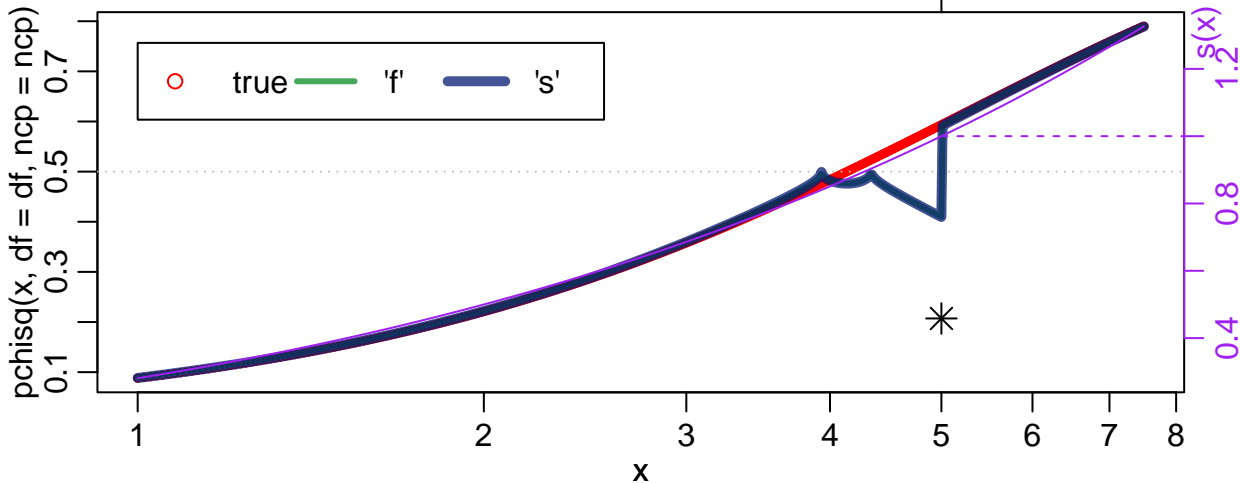
$x_0 = v + \lambda$



# wienergerm : problem at $x \sim= ncp+df$ (df 'small')

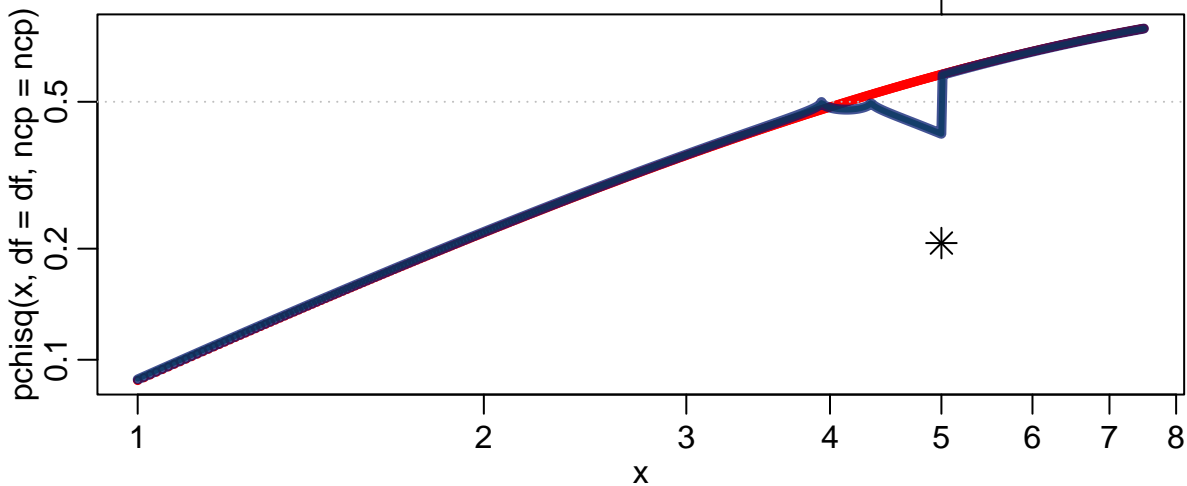
$v = 3, \lambda = 2$

$x_0 = v + \lambda$



log = "xy"

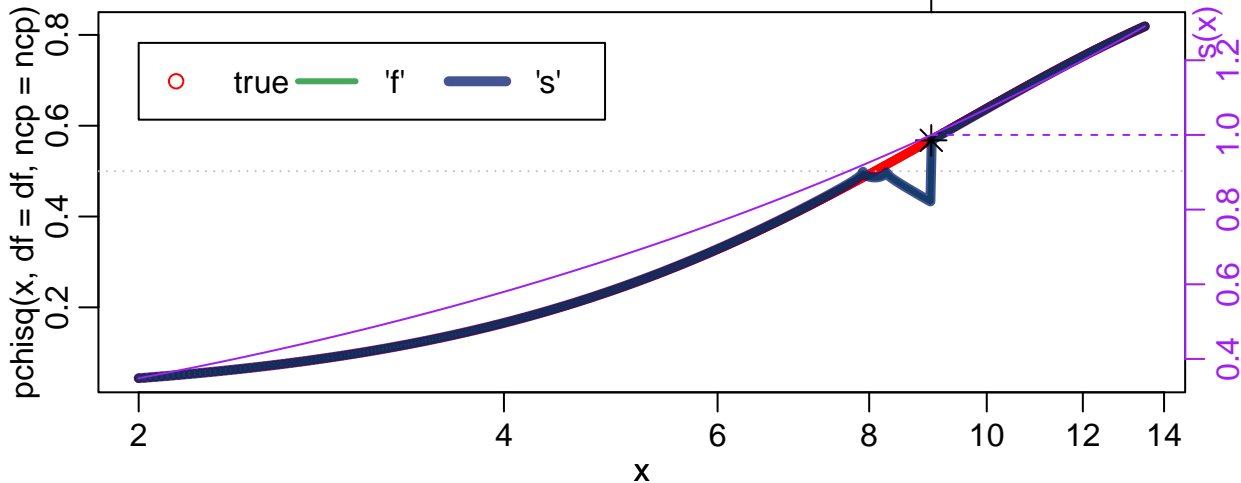
$x_0 = v + \lambda$



# wienergerm : problem at $x \sim= ncp+df$ (df 'small')

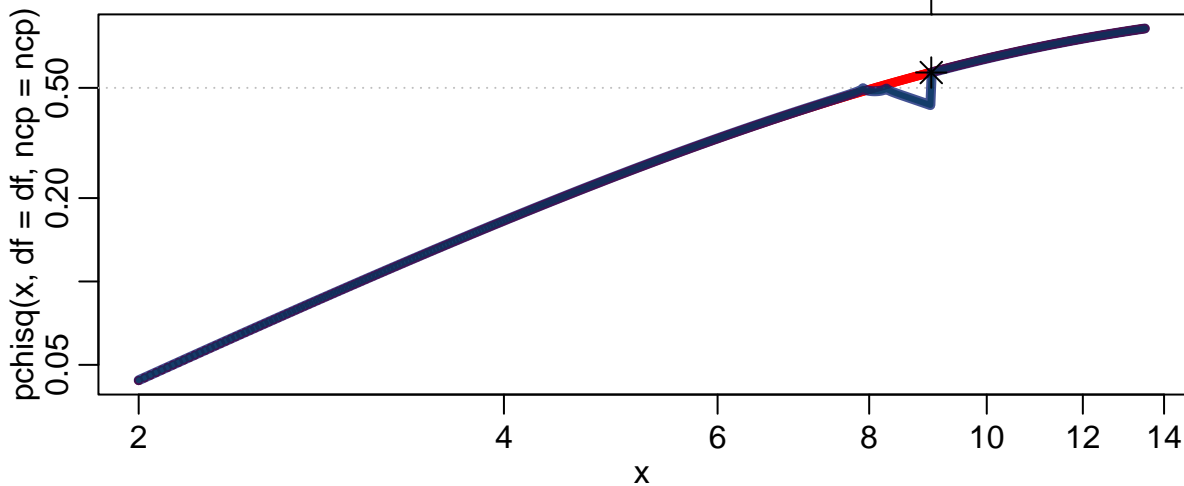
$v = 4, \lambda = 5$

$x_0 = v + \lambda$



log = "xy"

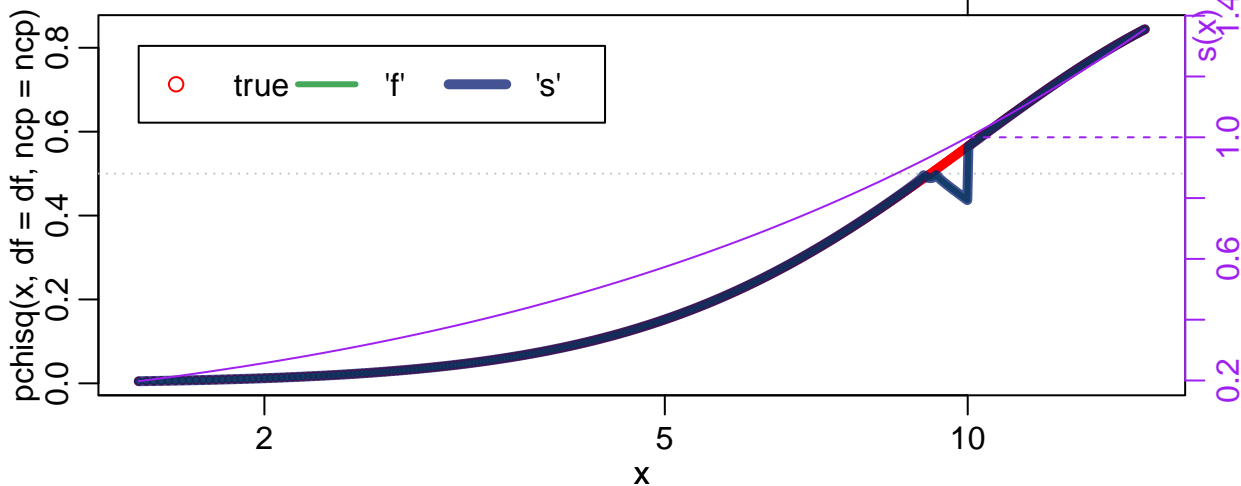
$x_0 = v + \lambda$



# wienergerm : problem at $x \sim v + \lambda$ (df 'small')

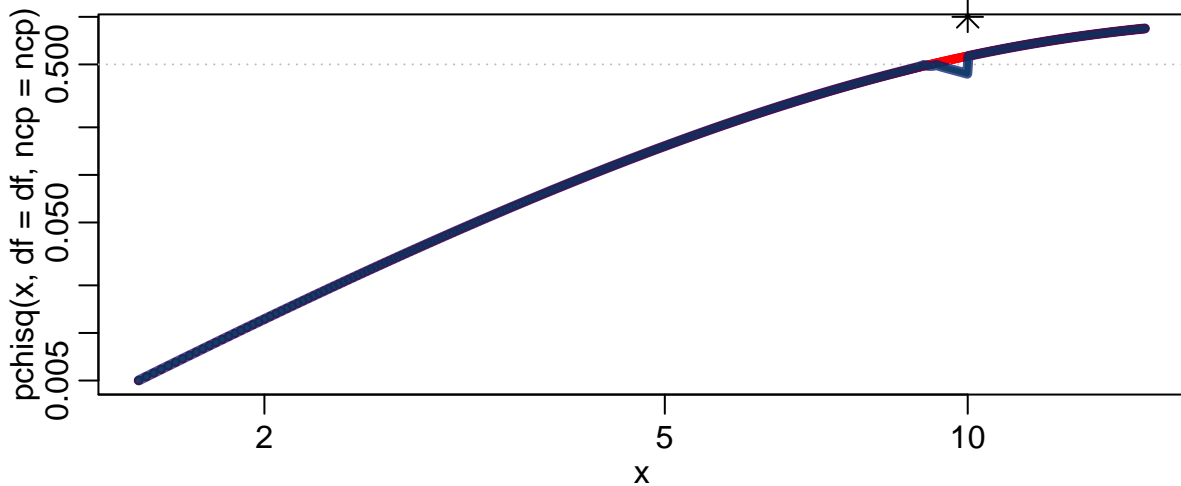
$v = 7, \lambda = 3$

$x_0 = v + \lambda$

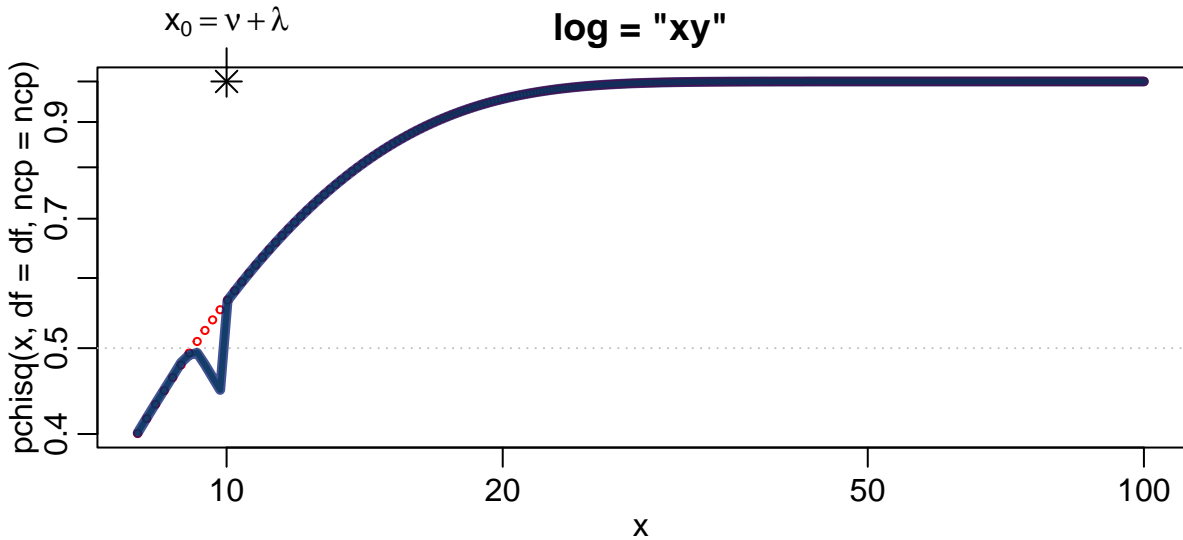
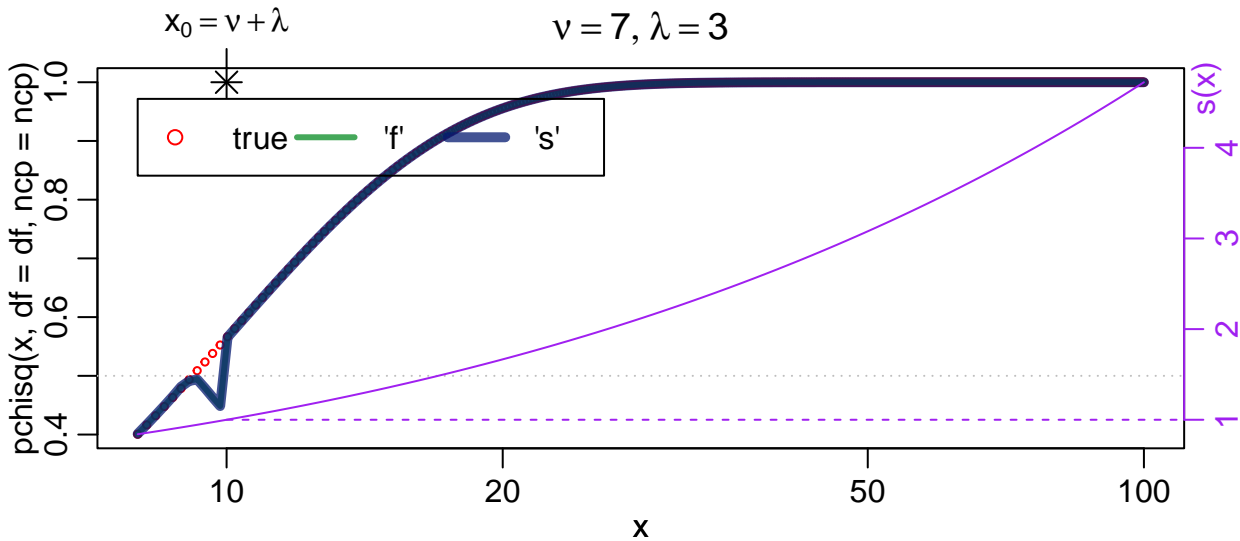


log = "xy"

$x_0 = v + \lambda$



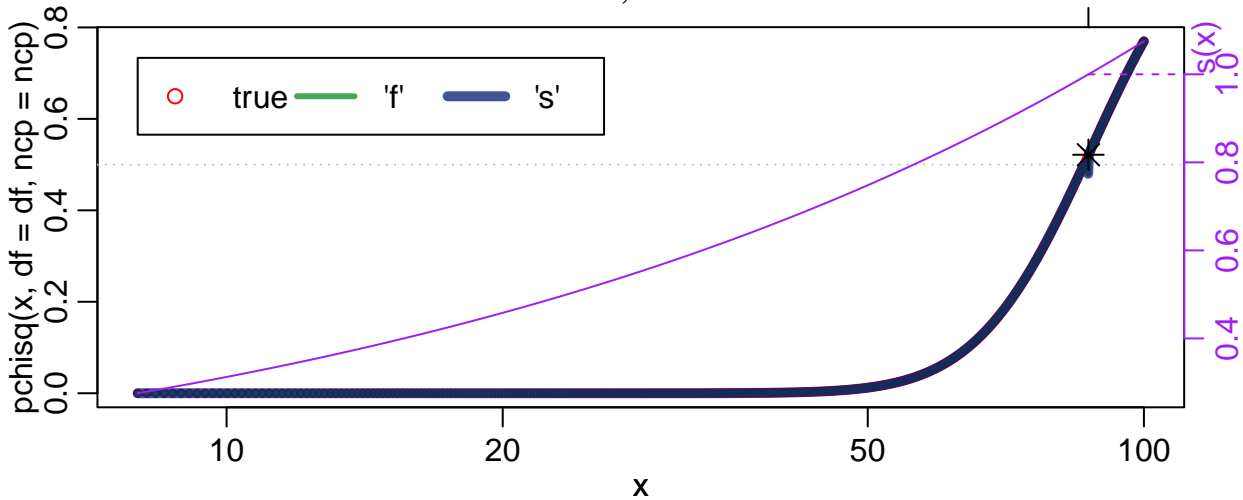
# wienergerm : problem at $x \sim= ncp+df$ (df 'small')



# wienergerm : problem at $x \sim ncp+df$ (df 'small')

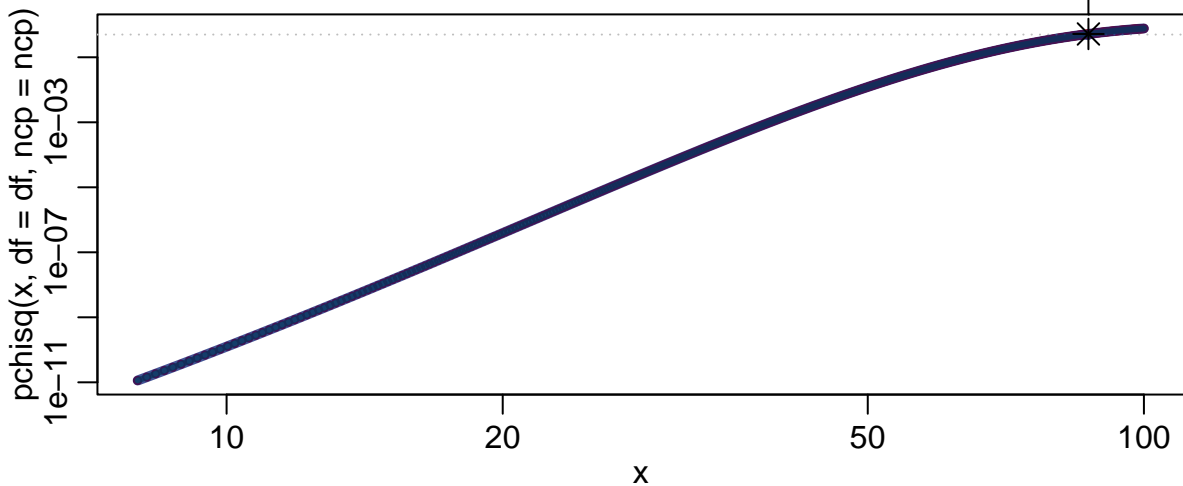
$v = 7, \lambda = 80$

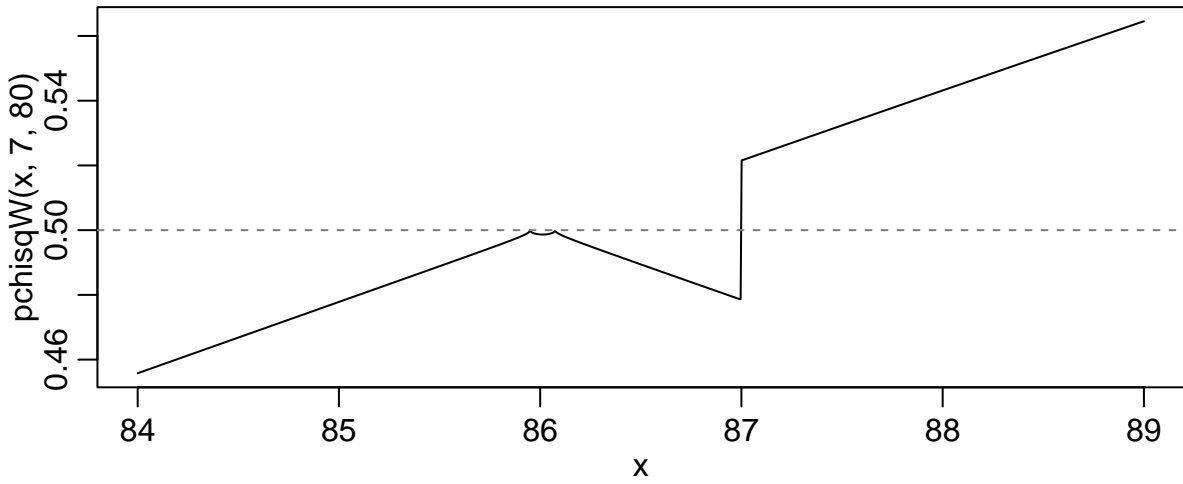
$x_0 = v + \lambda$



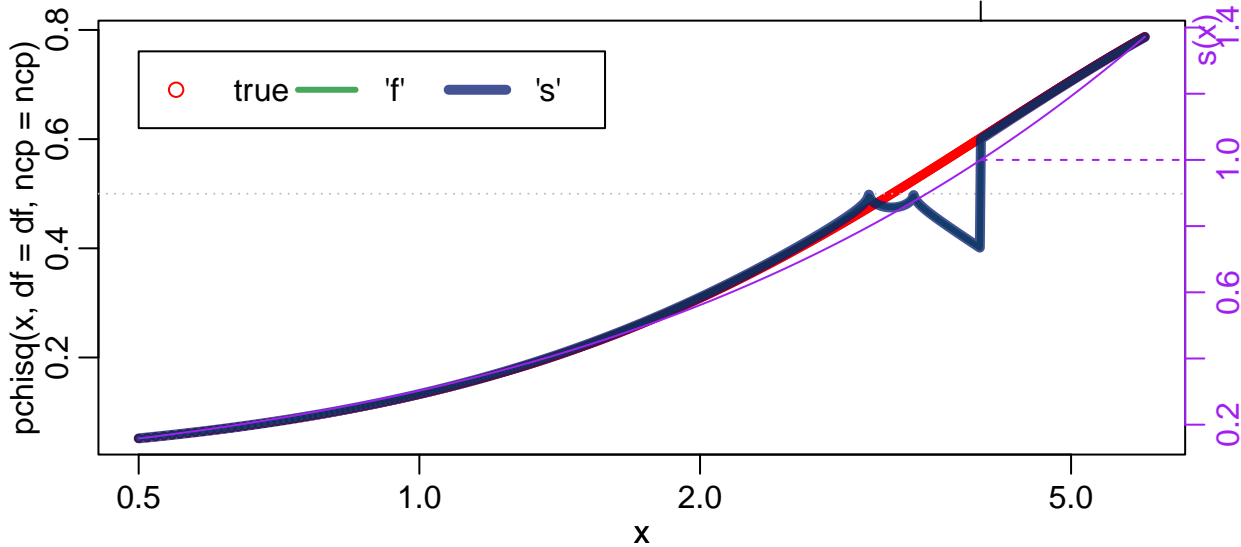
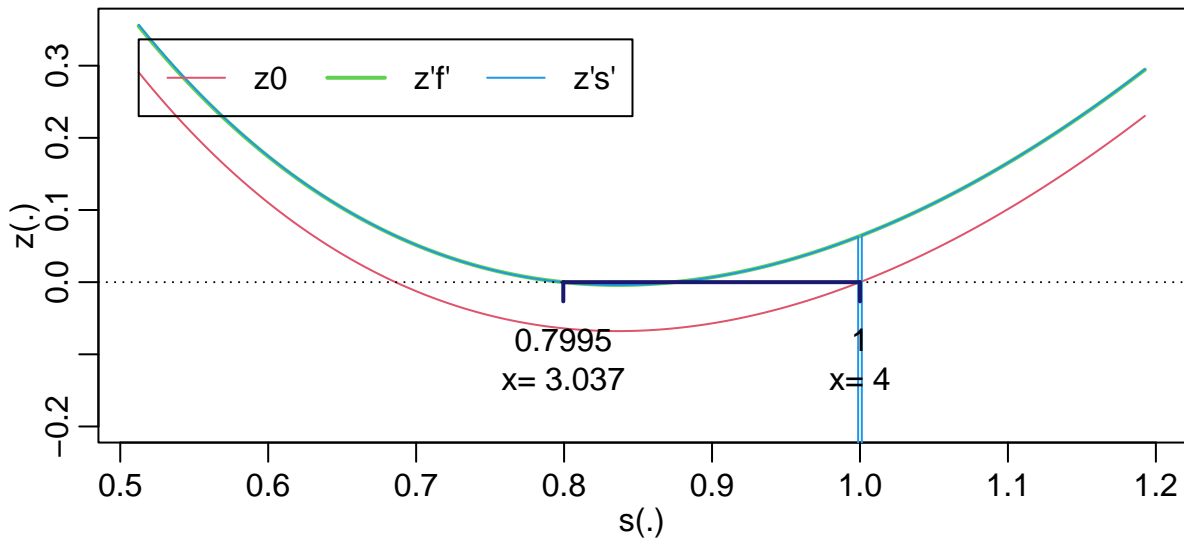
log = "xy"

$x_0 = v + \lambda$



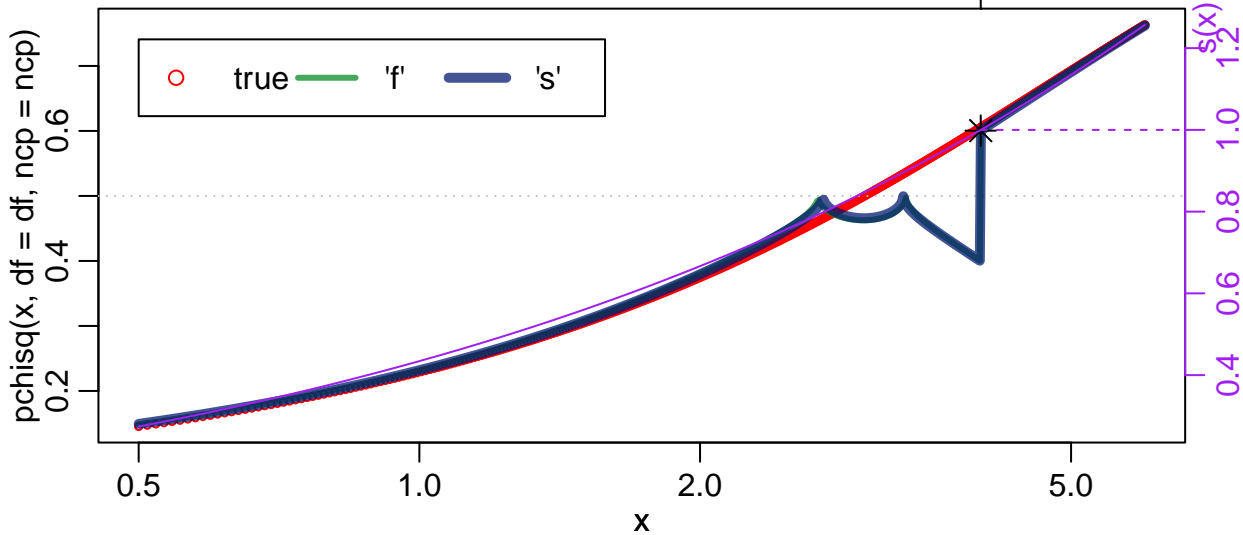




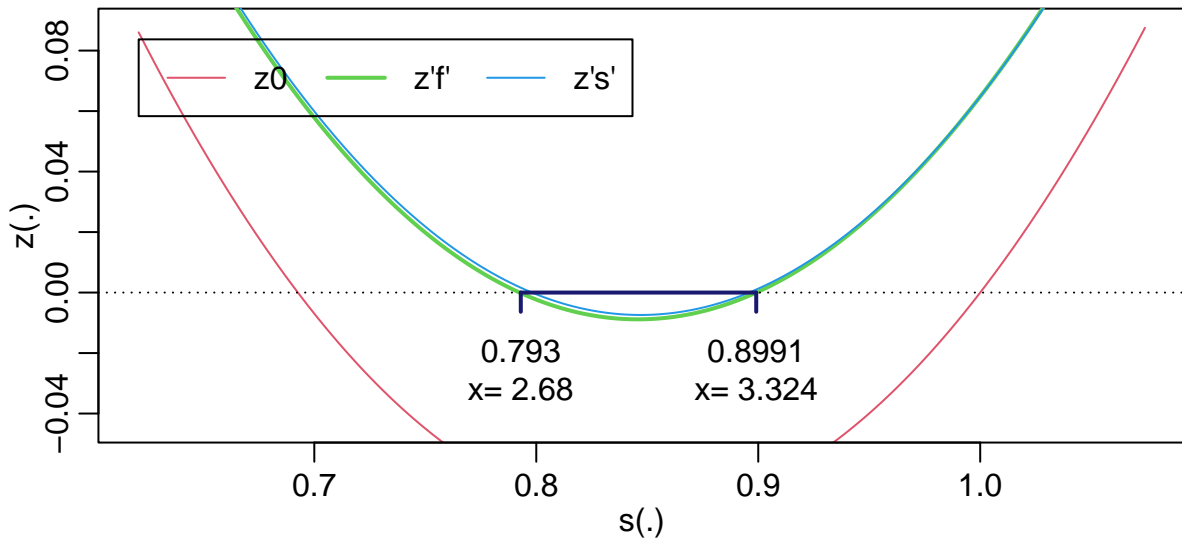
$v = 3, \lambda = 1$  $x_0 = v + \lambda$  $v = 3, \lambda = 1$ 

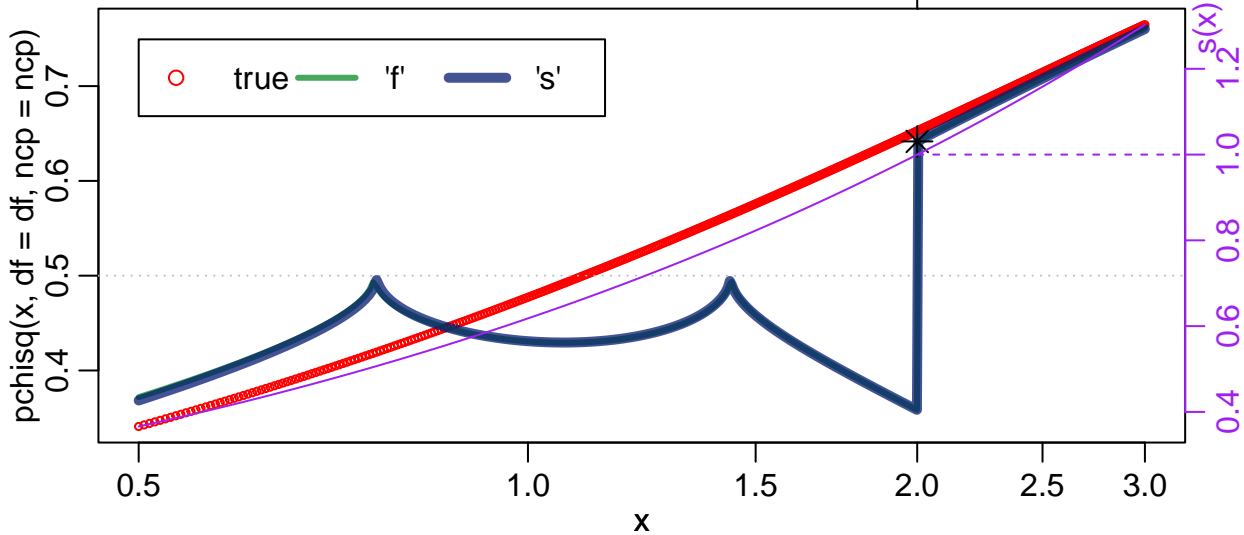
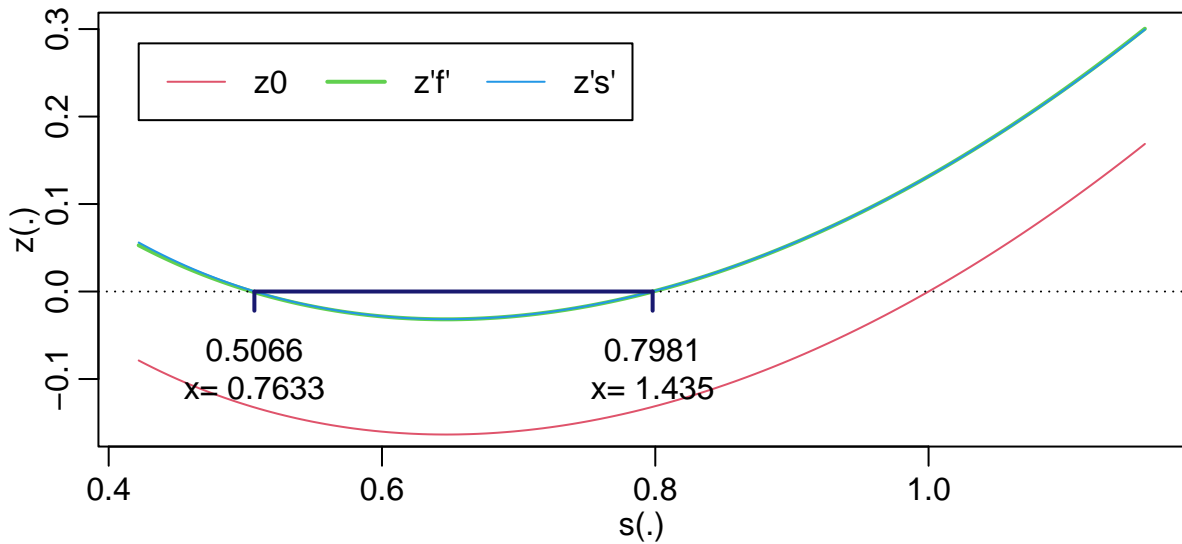
$v = 1, \lambda = 3$

$x_0 = v + \lambda$



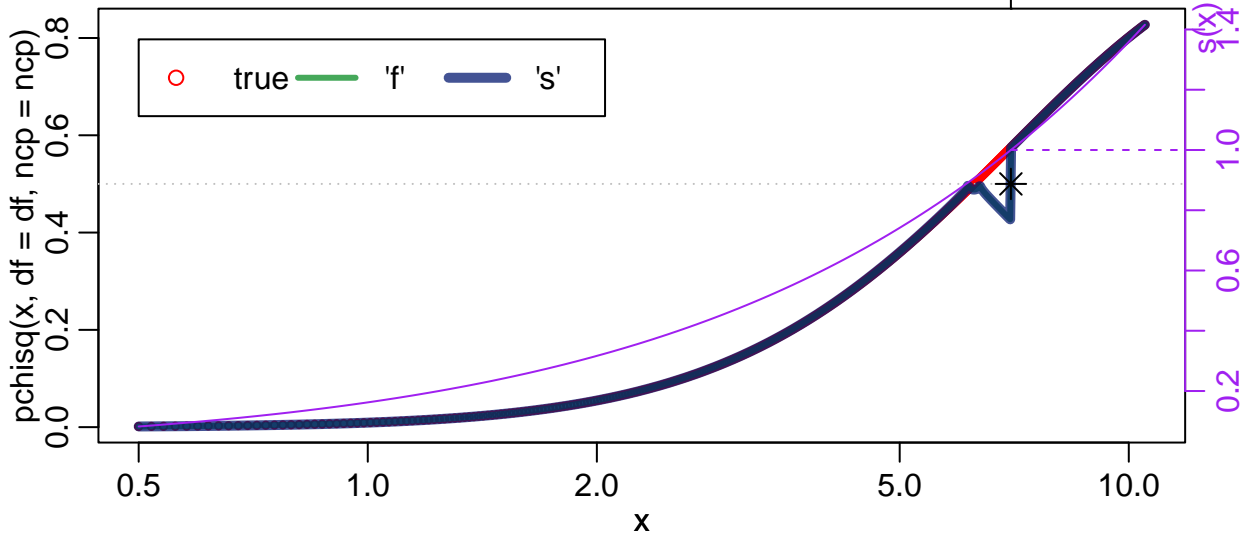
$v = 1, \lambda = 3$



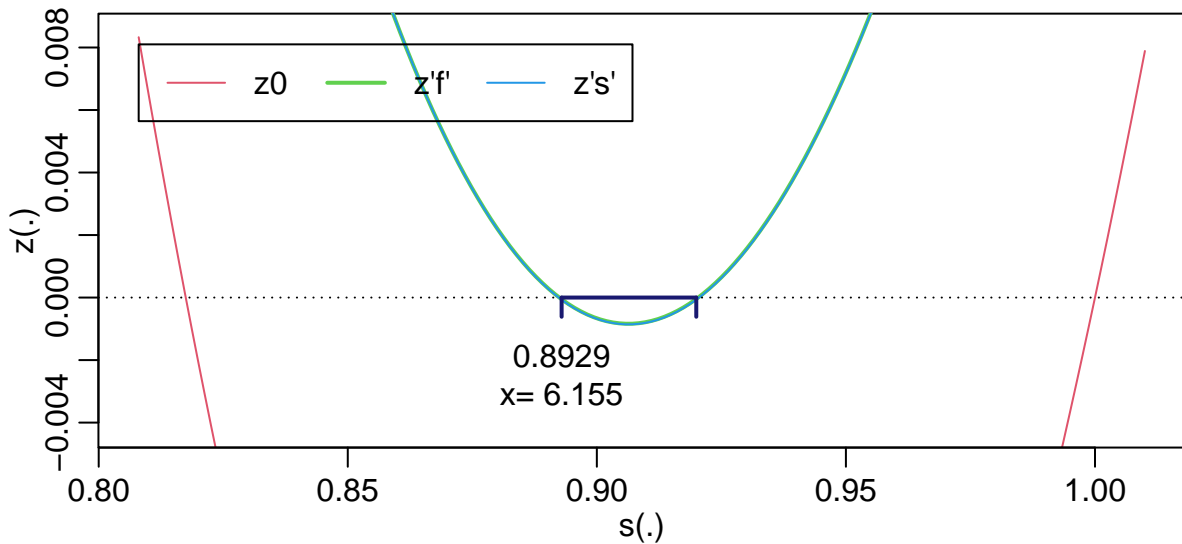
$v = 1, \lambda = 1$  $x_0 = v + \lambda$  $v = 1, \lambda = 1$ 

$v = 6, \lambda = 1$

$x_0 = v + \lambda$

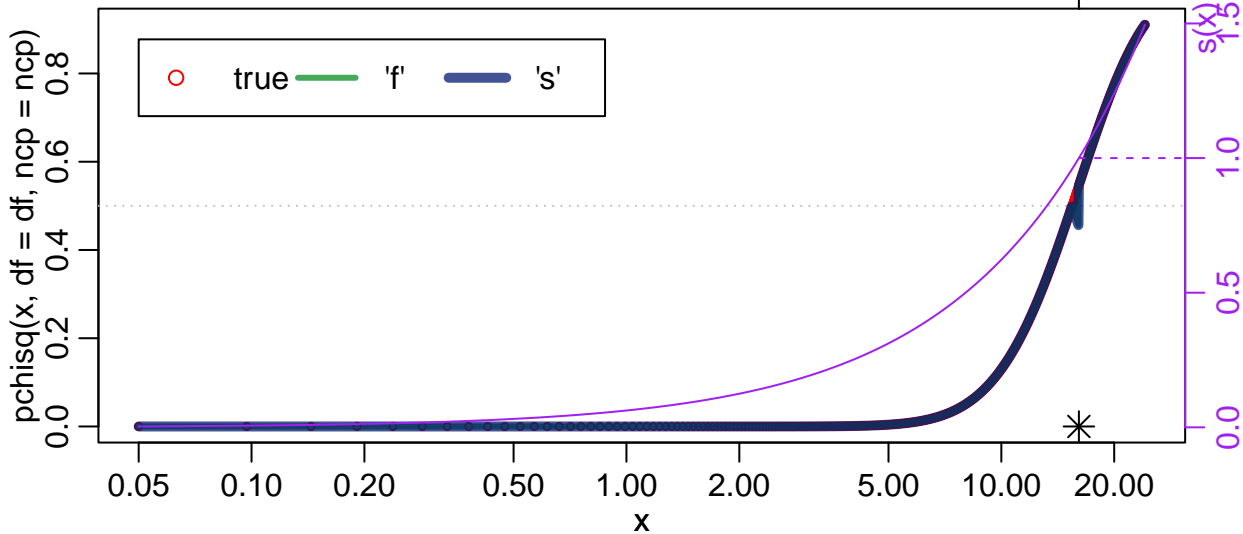


$v = 6, \lambda = 1$

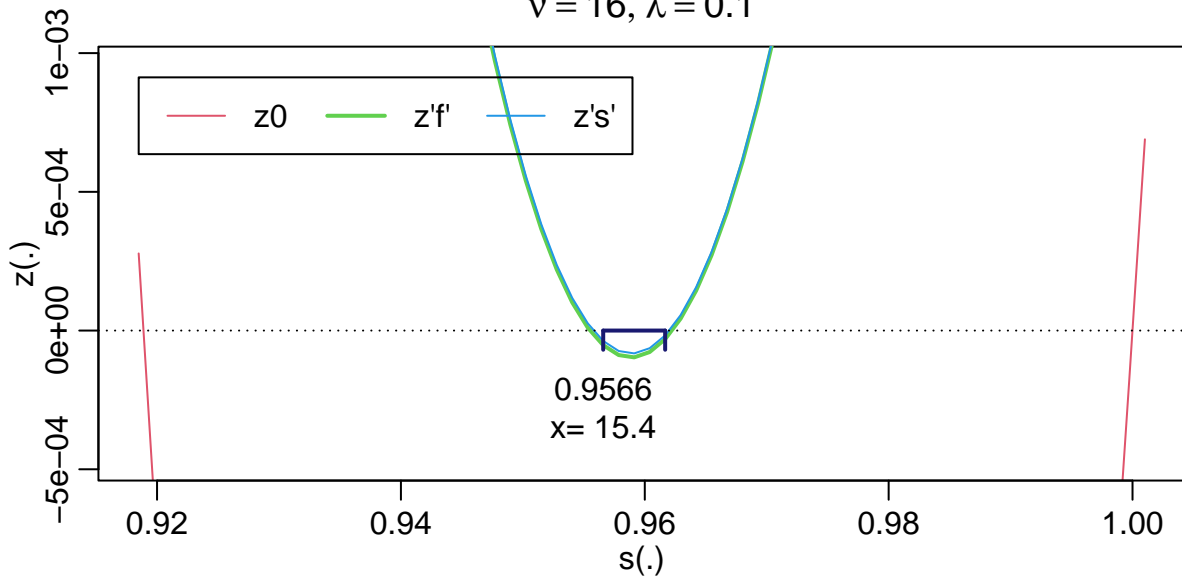


$v = 16, \lambda = 0.1$

$x_0 = v + \lambda$

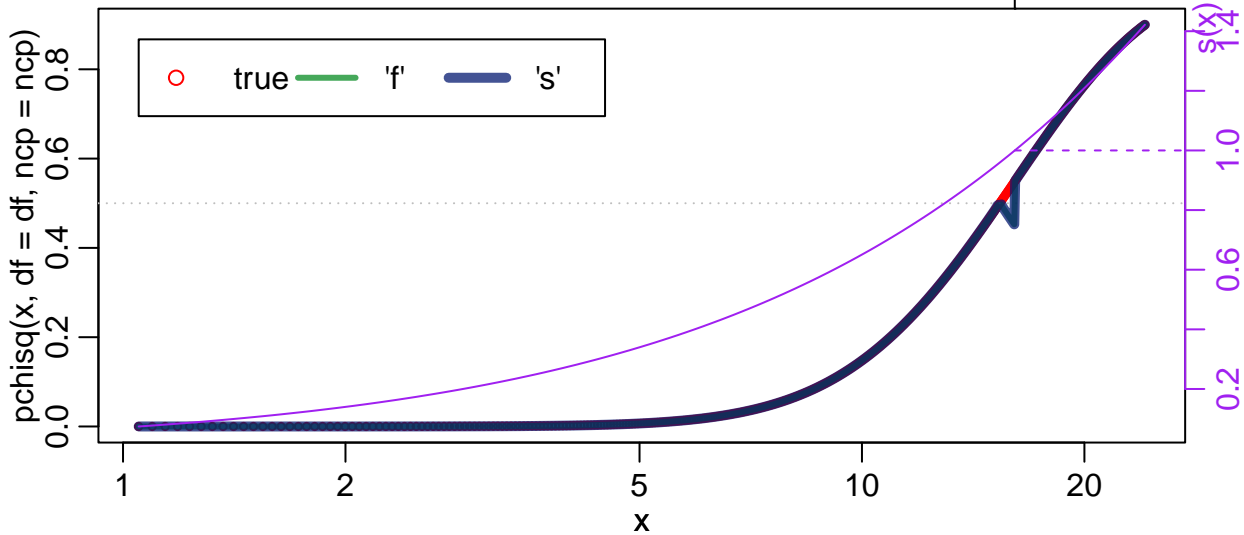


$v = 16, \lambda = 0.1$

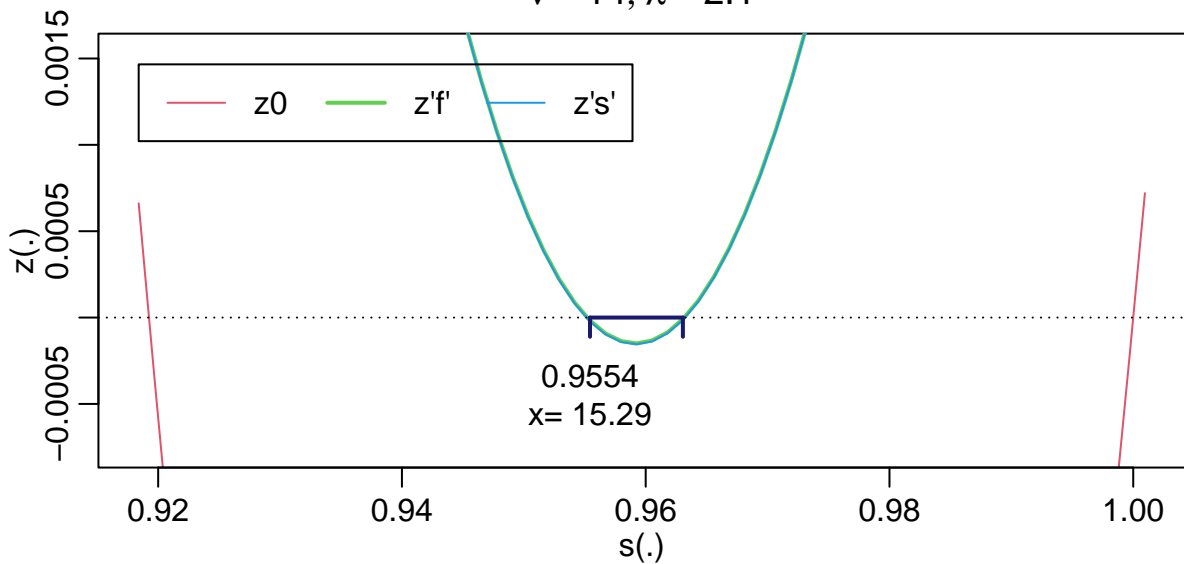


$v = 14, \lambda = 2.1$

$x_0 = v + \lambda$

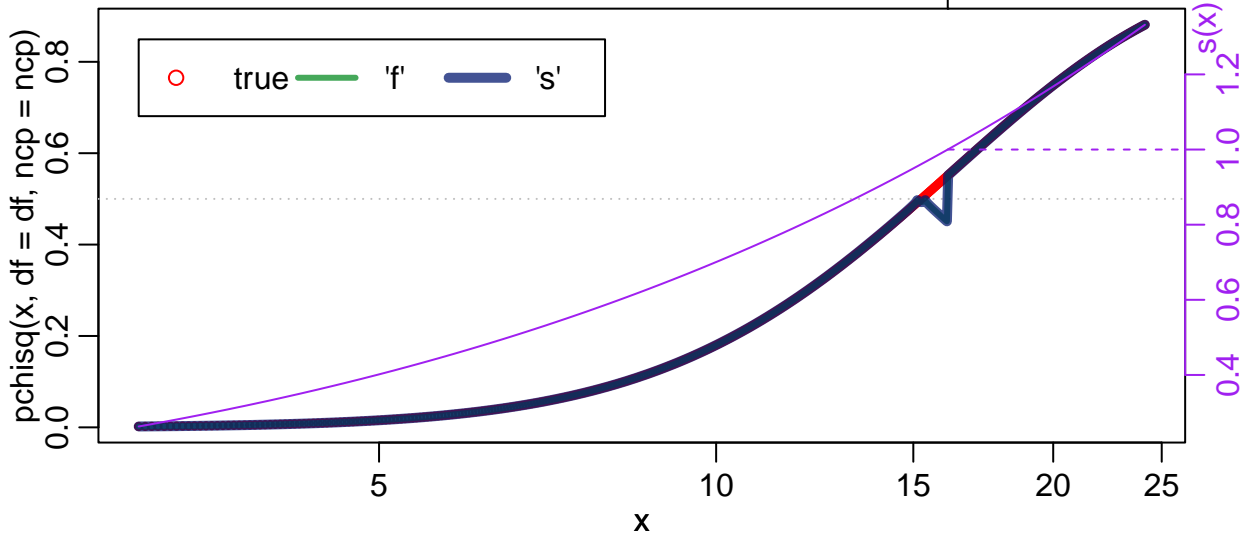


$v = 14, \lambda = 2.1$

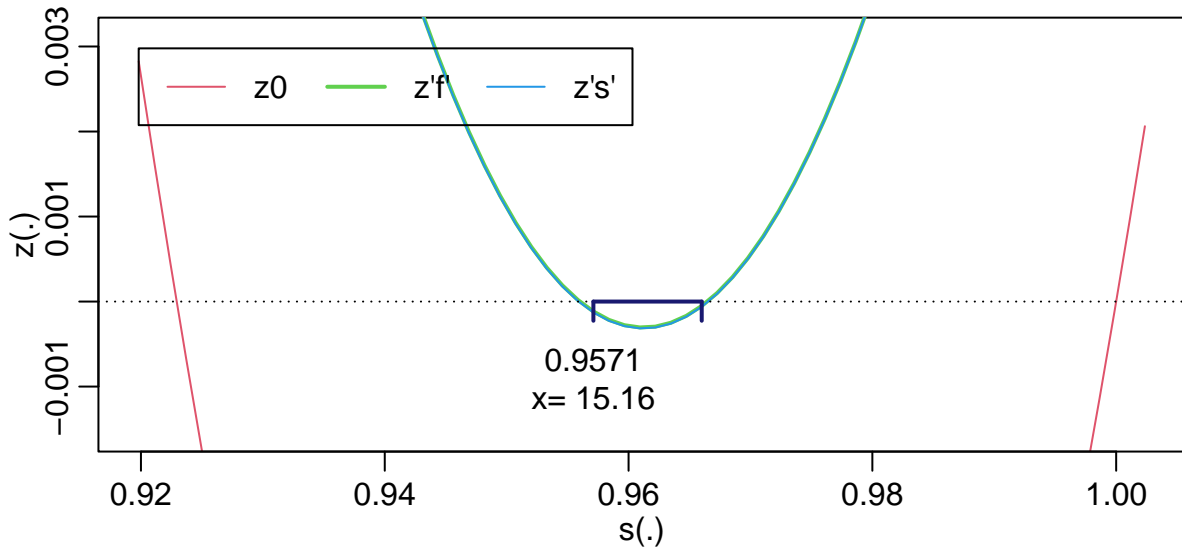


$v = 10, \lambda = 6.1$

$x_0 = v + \lambda$

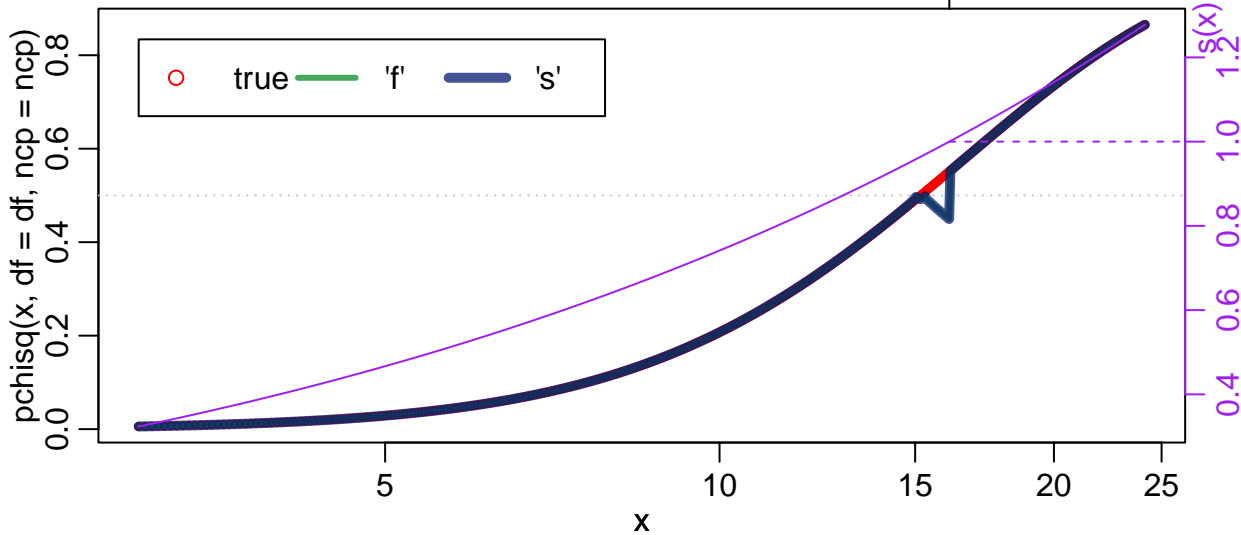


$v = 10, \lambda = 6.1$

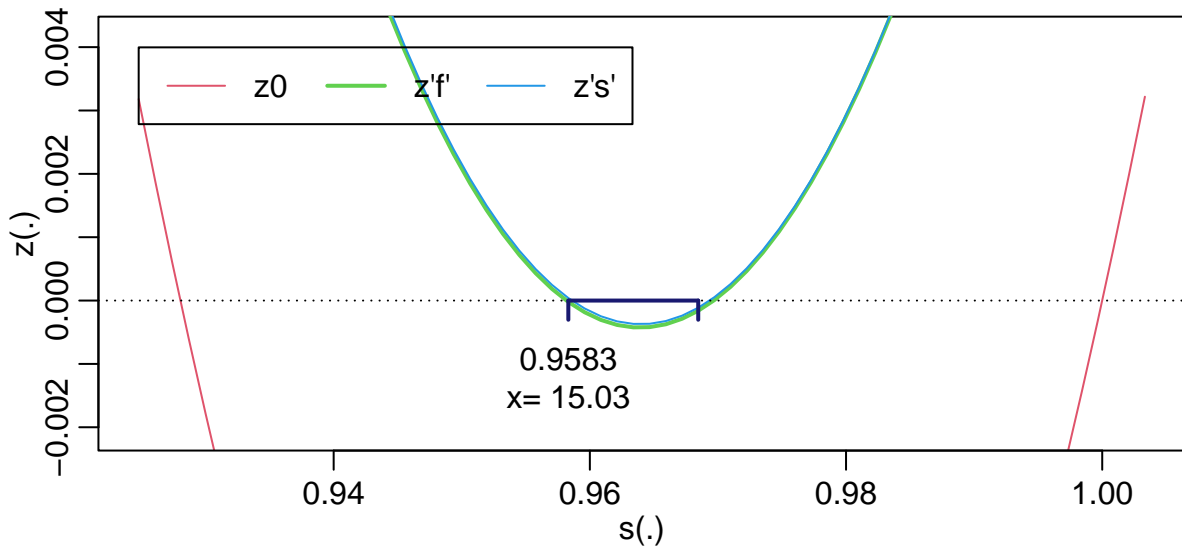


$v = 6, \lambda = 10.1$

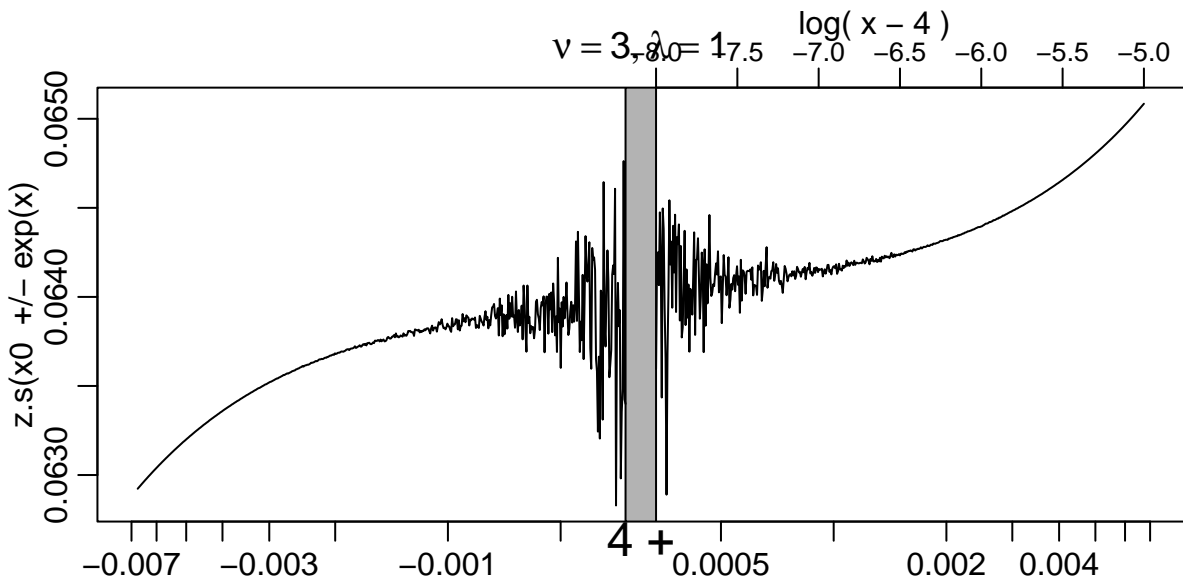
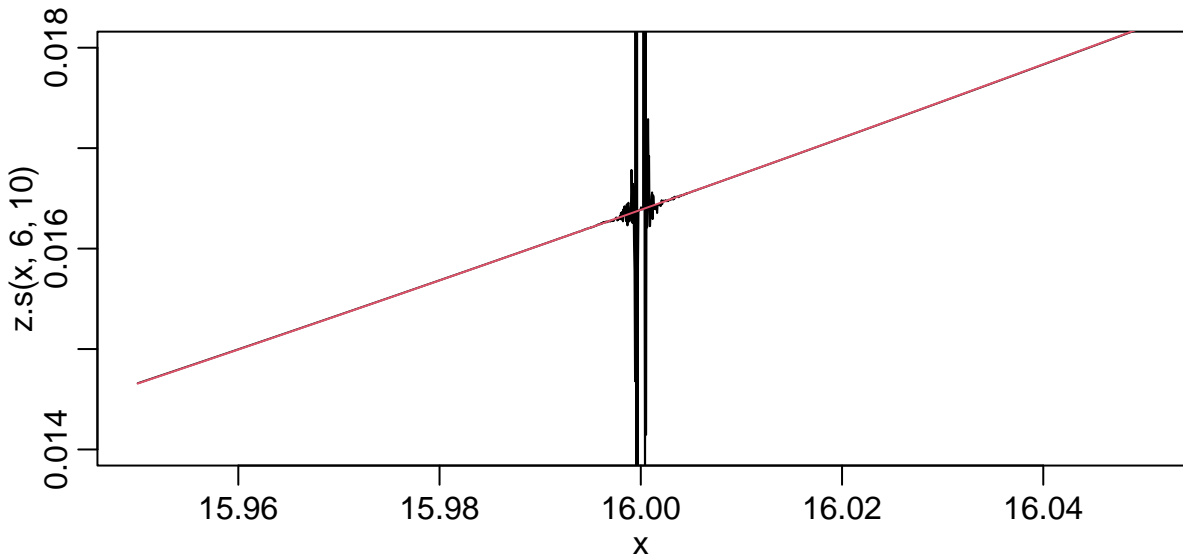
$x_0 = v + \lambda$

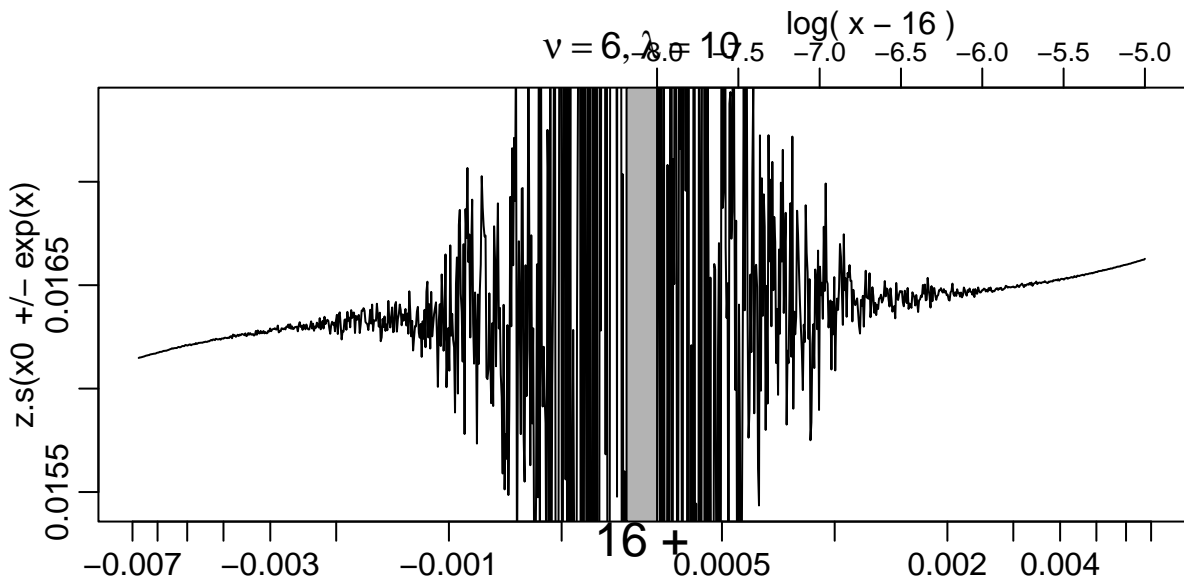
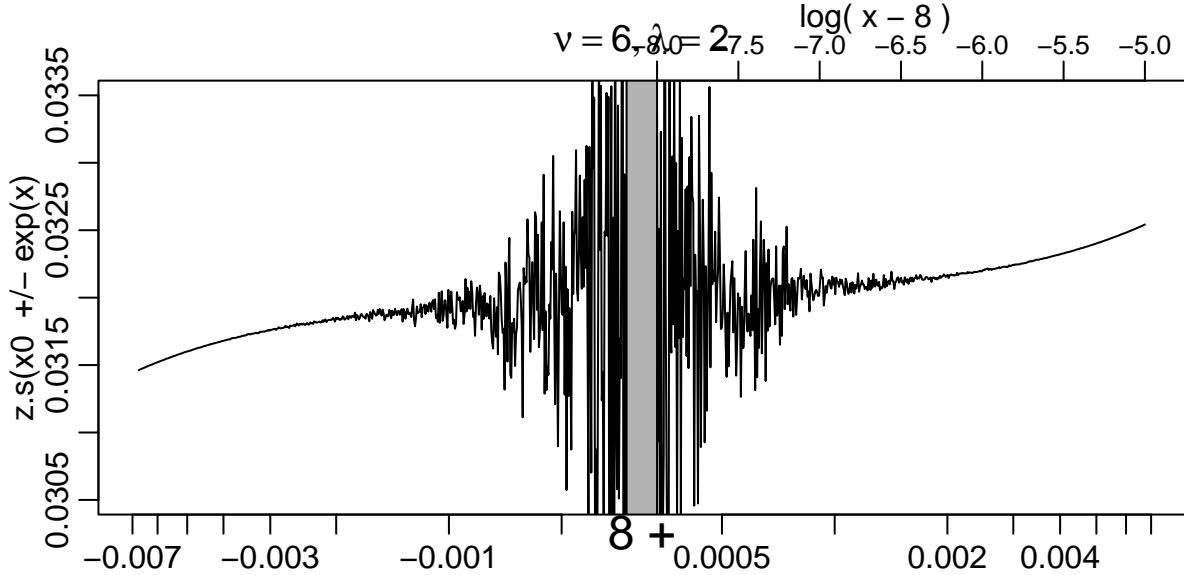


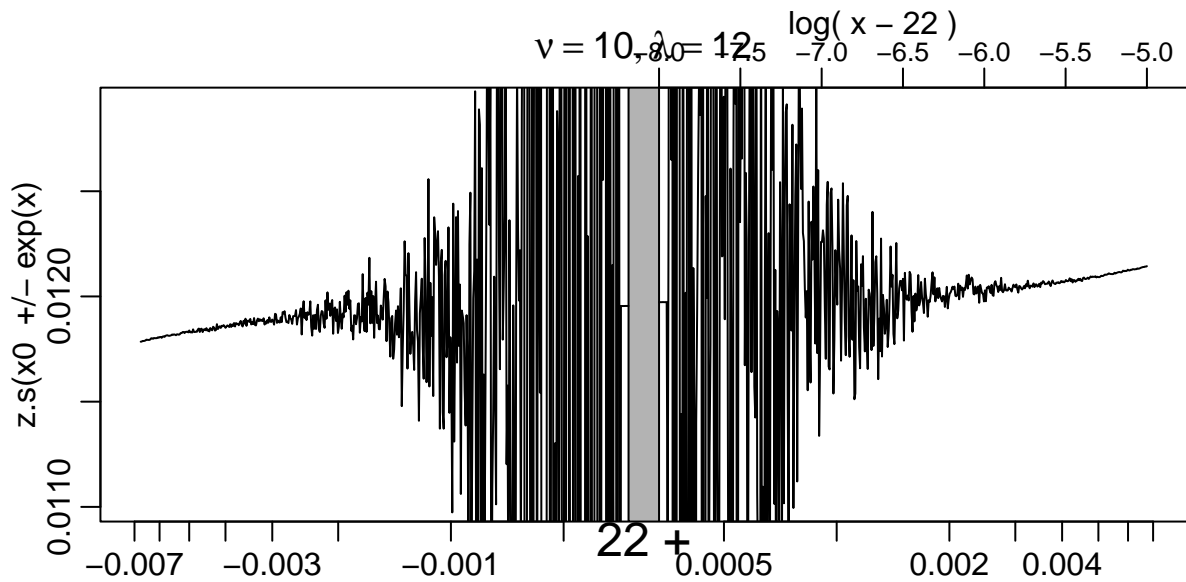
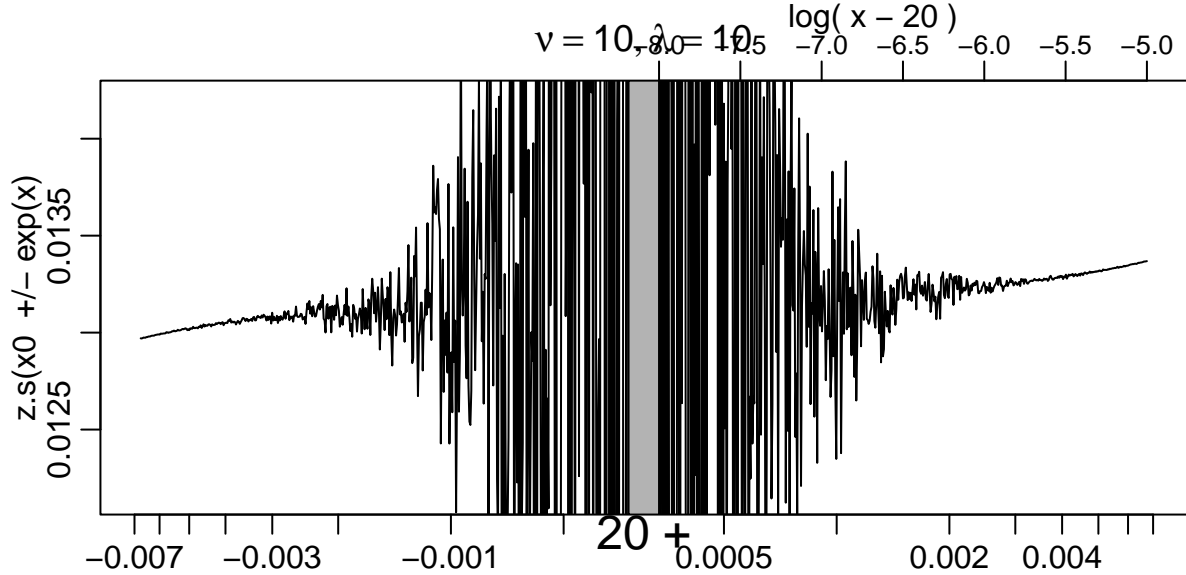
$v = 6, \lambda = 10.1$

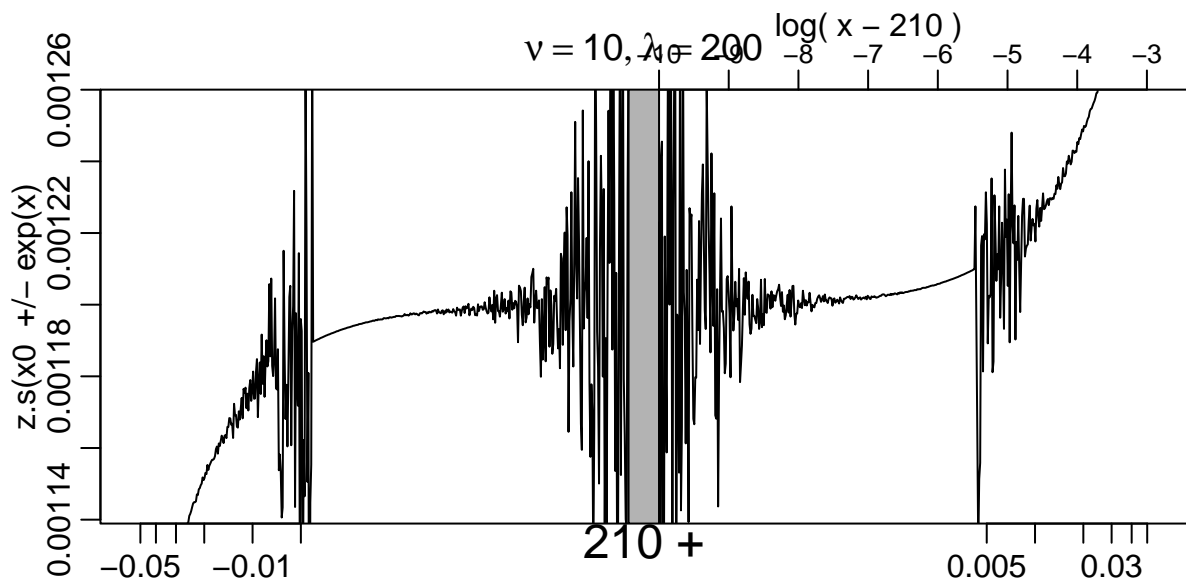
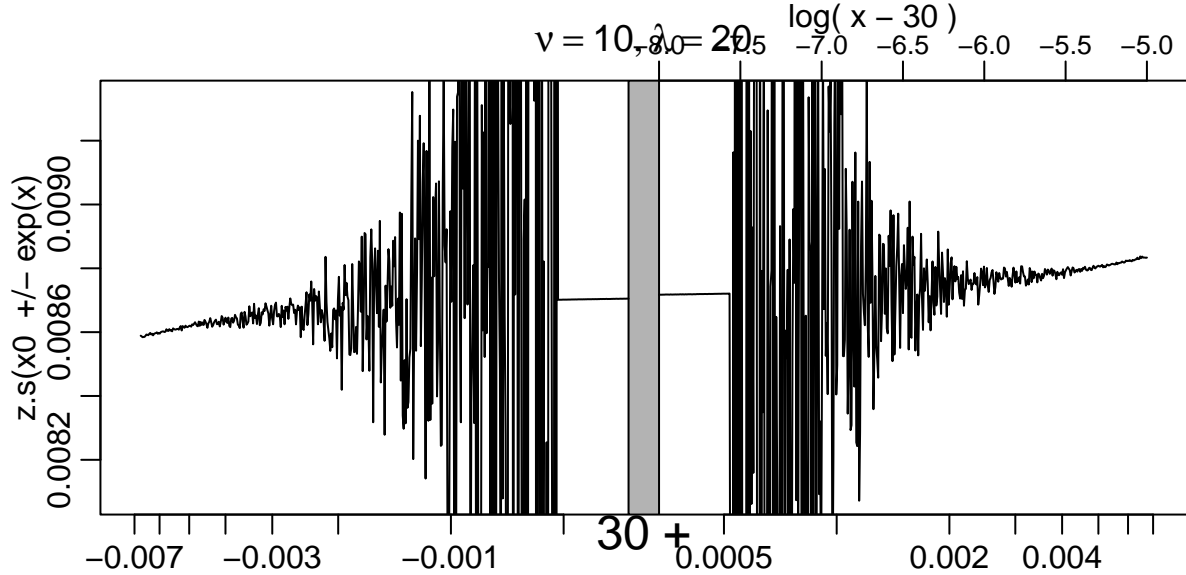




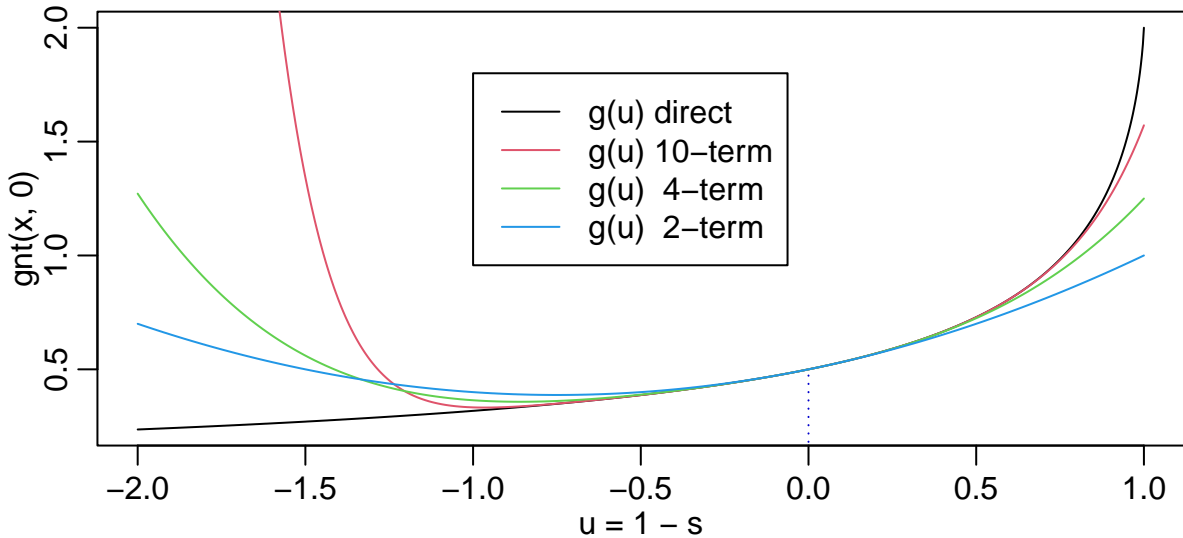




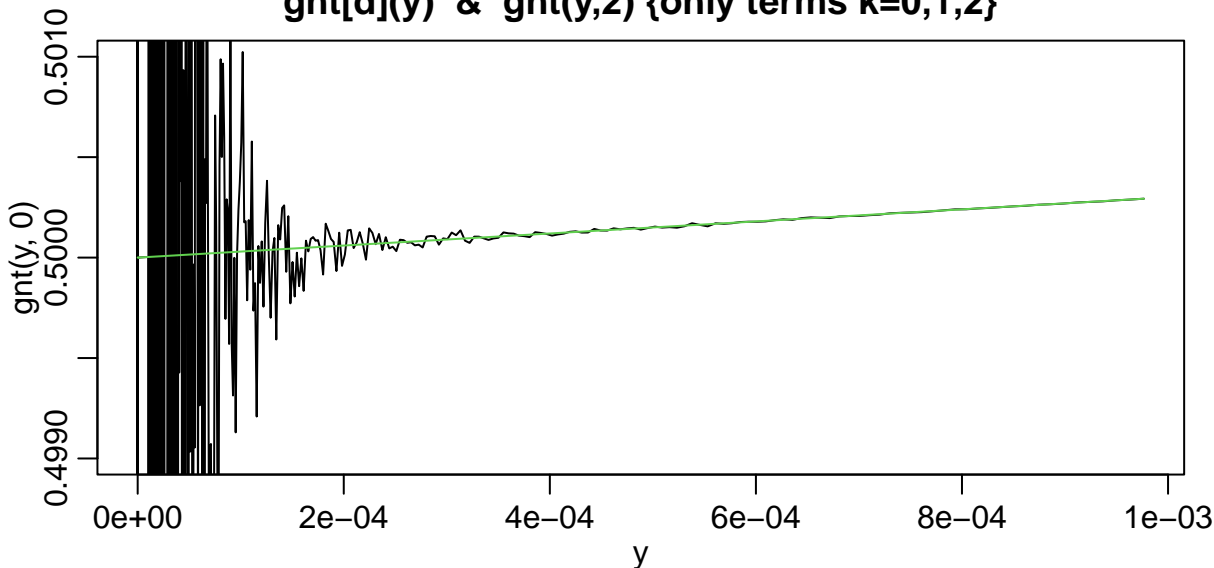




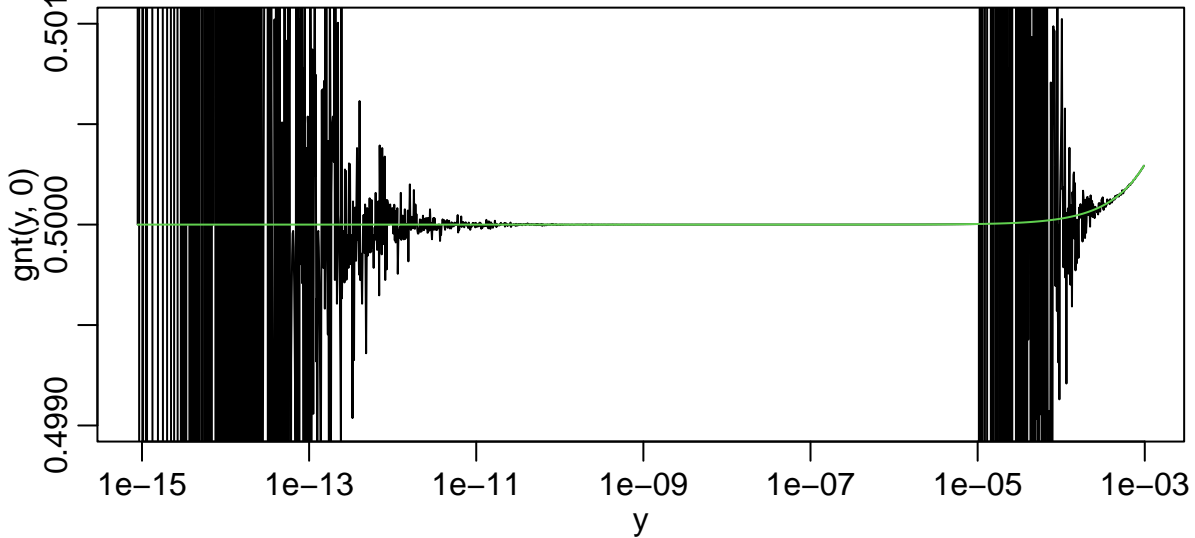
### pnchisq() Wiener germ z.'s' around $s \sim 1$



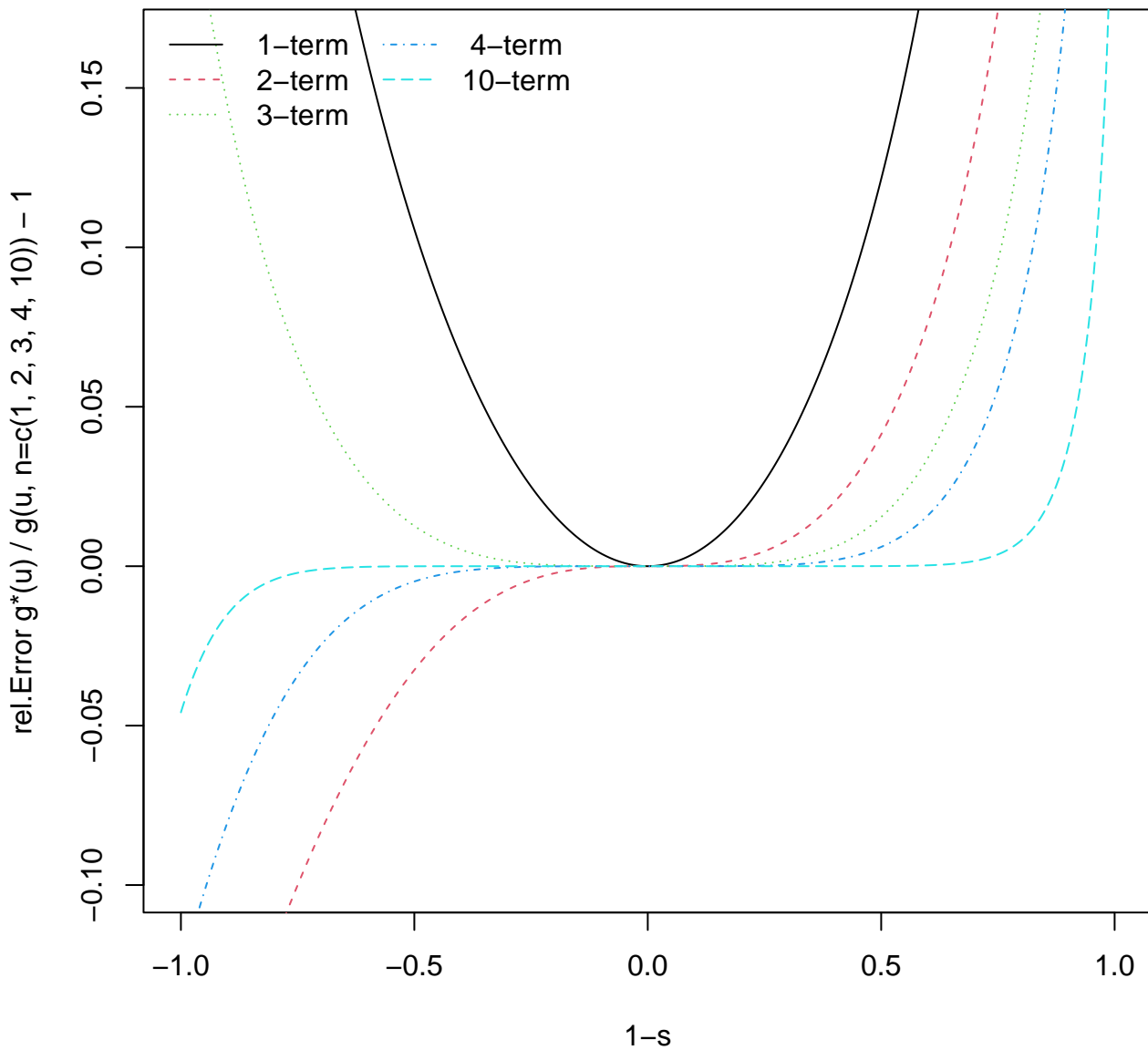
### $gnt[d](y)$ & $gnt(y,2)$ {only terms $k=0,1,2$ }



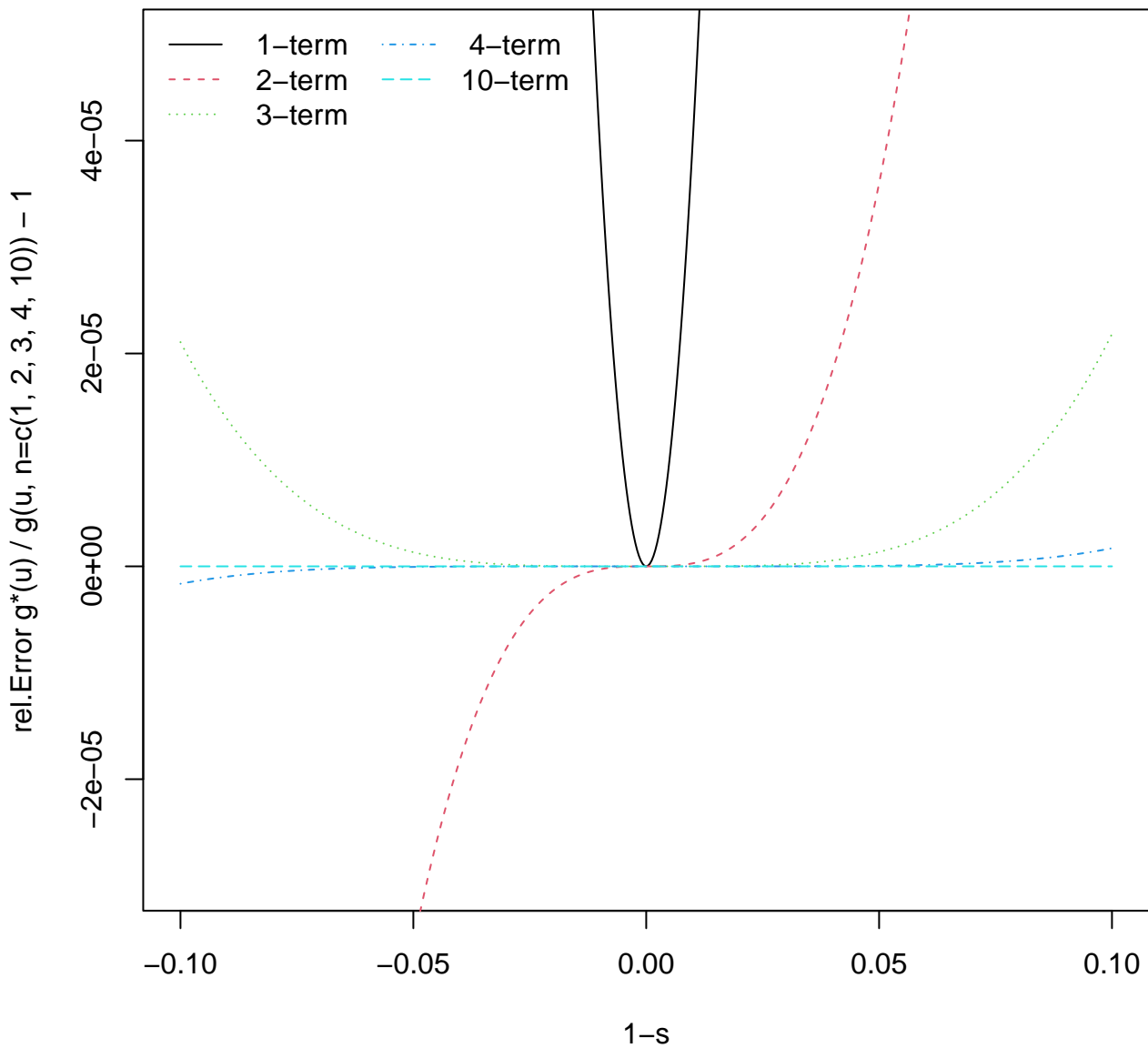
at `y <- 2^ seq(-50,-10, length=2001)`



# pnchisq() Wiener germ z.'s' around $s \sim 1$

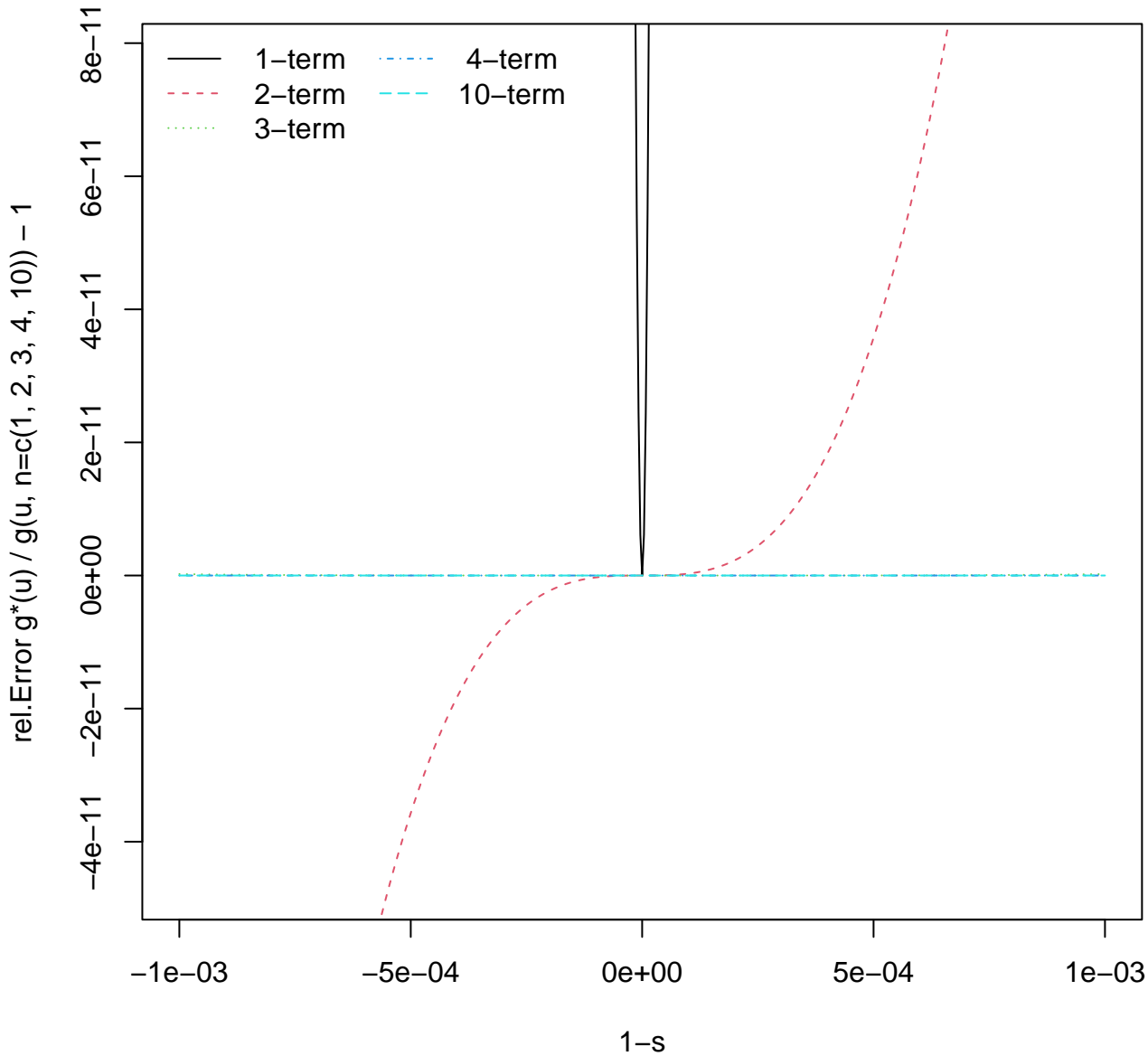


# pnchisq() Wiener germ z.'s' around $s \sim 1$

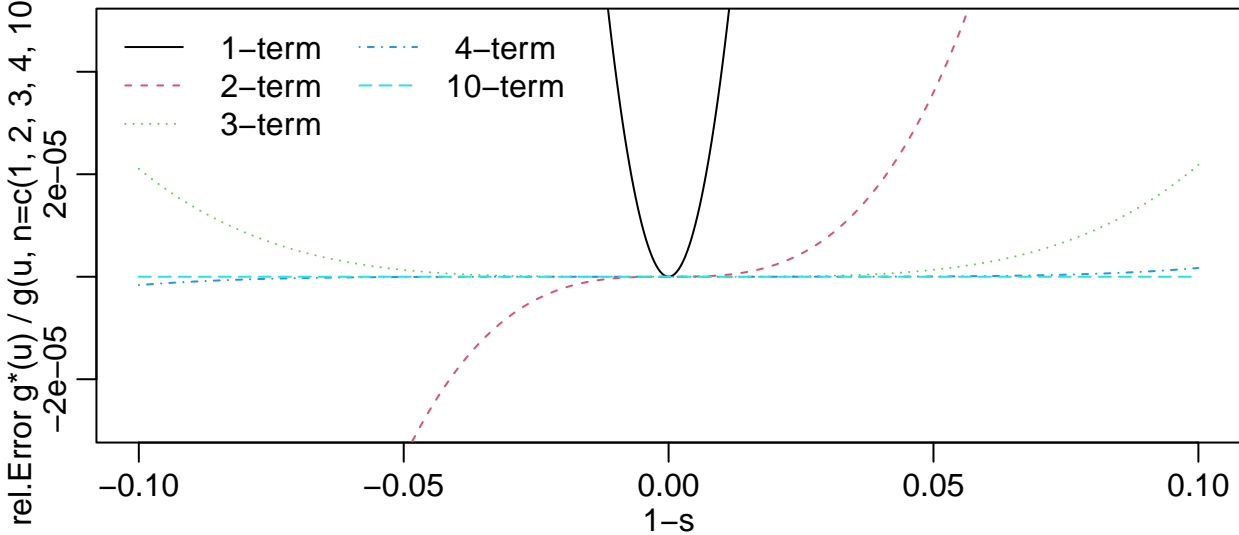




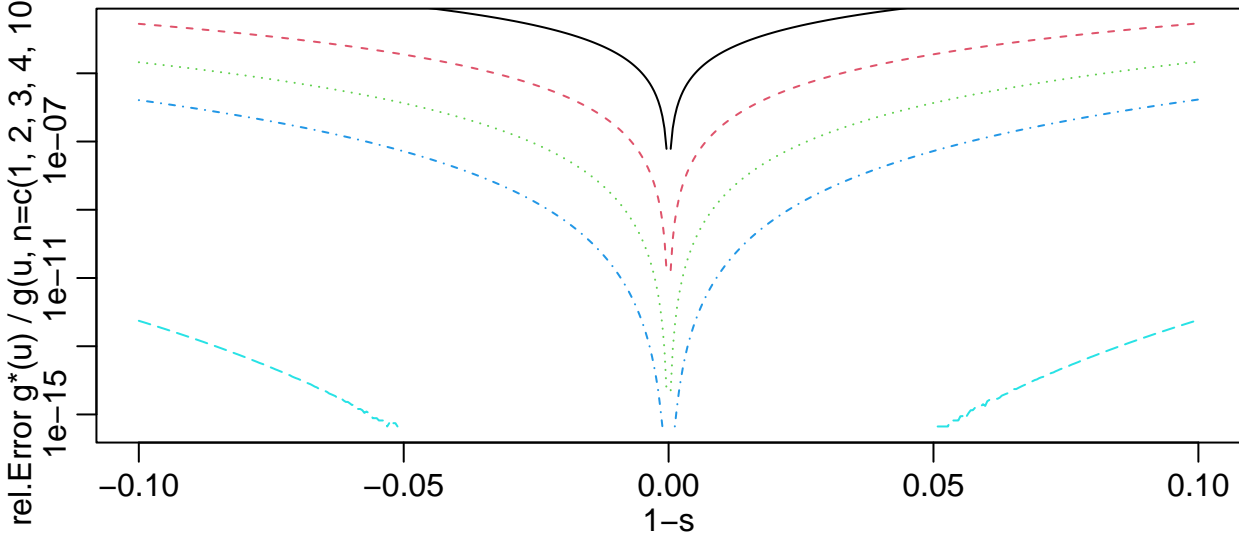
# pnchisq() Wiener germ z.'s' around $s \sim 1$



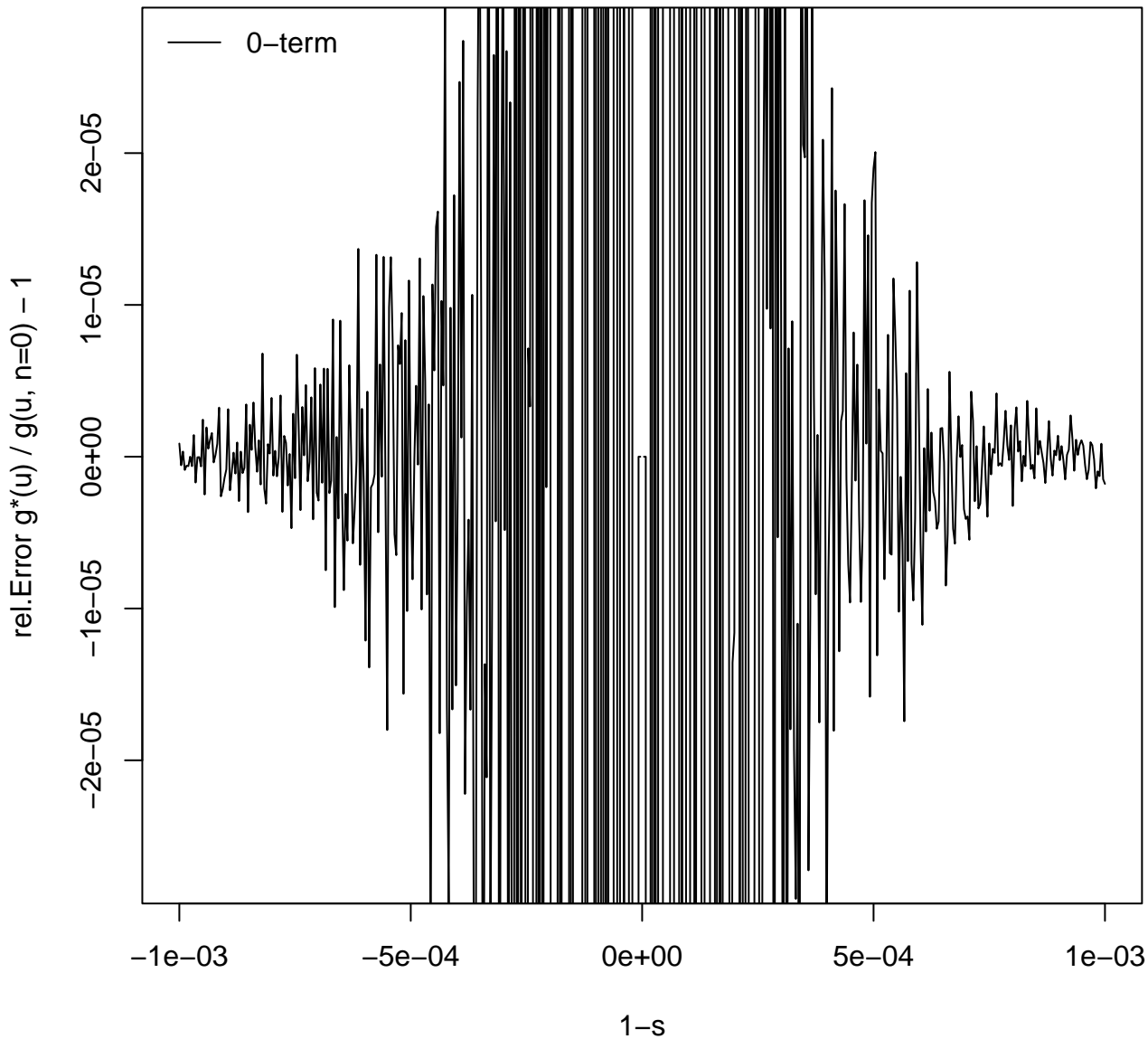
**pnchisq() Wiener germ z.'s' around s ~ =1**



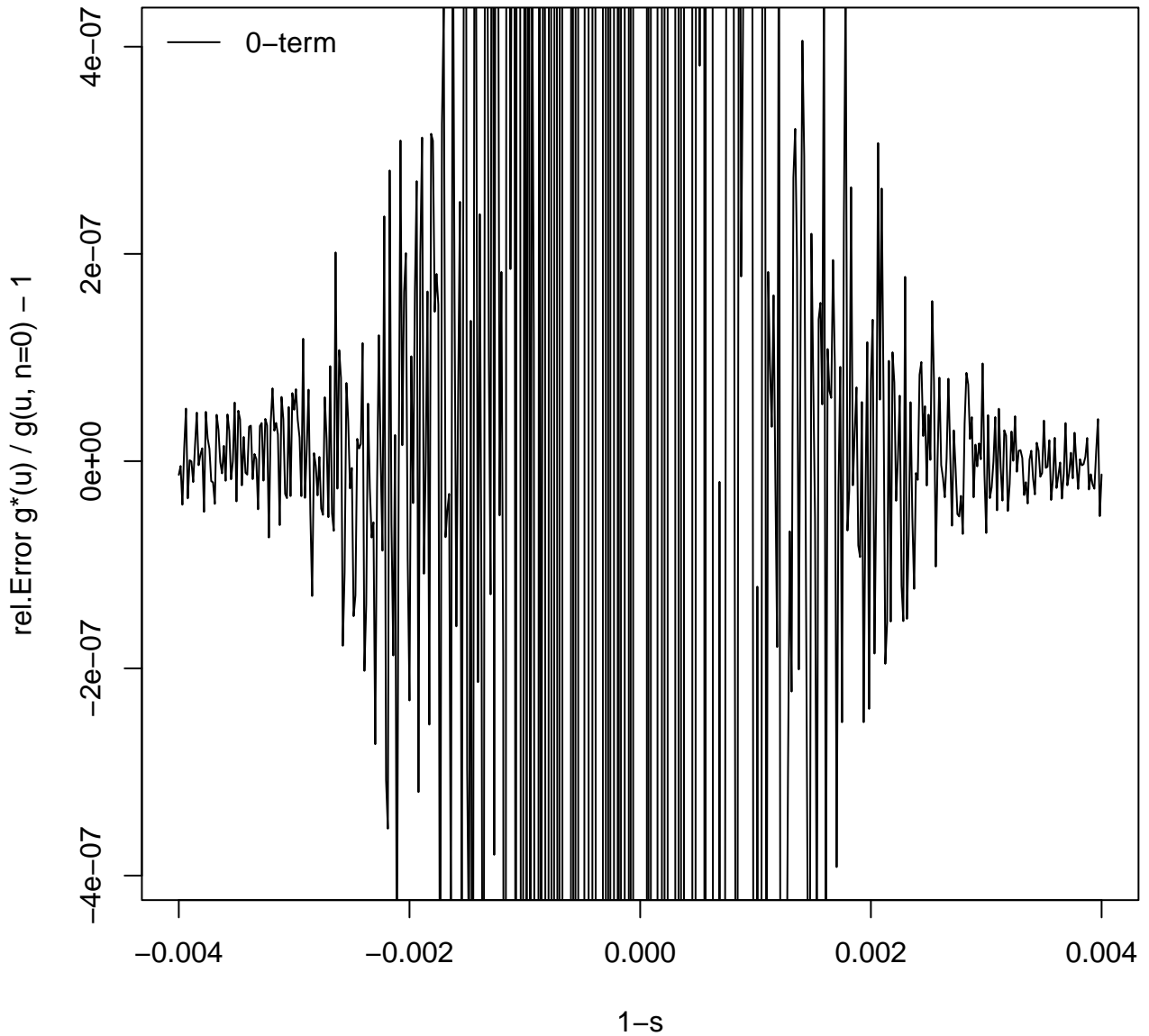
**pnchisq() Wiener germ z.'s' around s ~ =1**



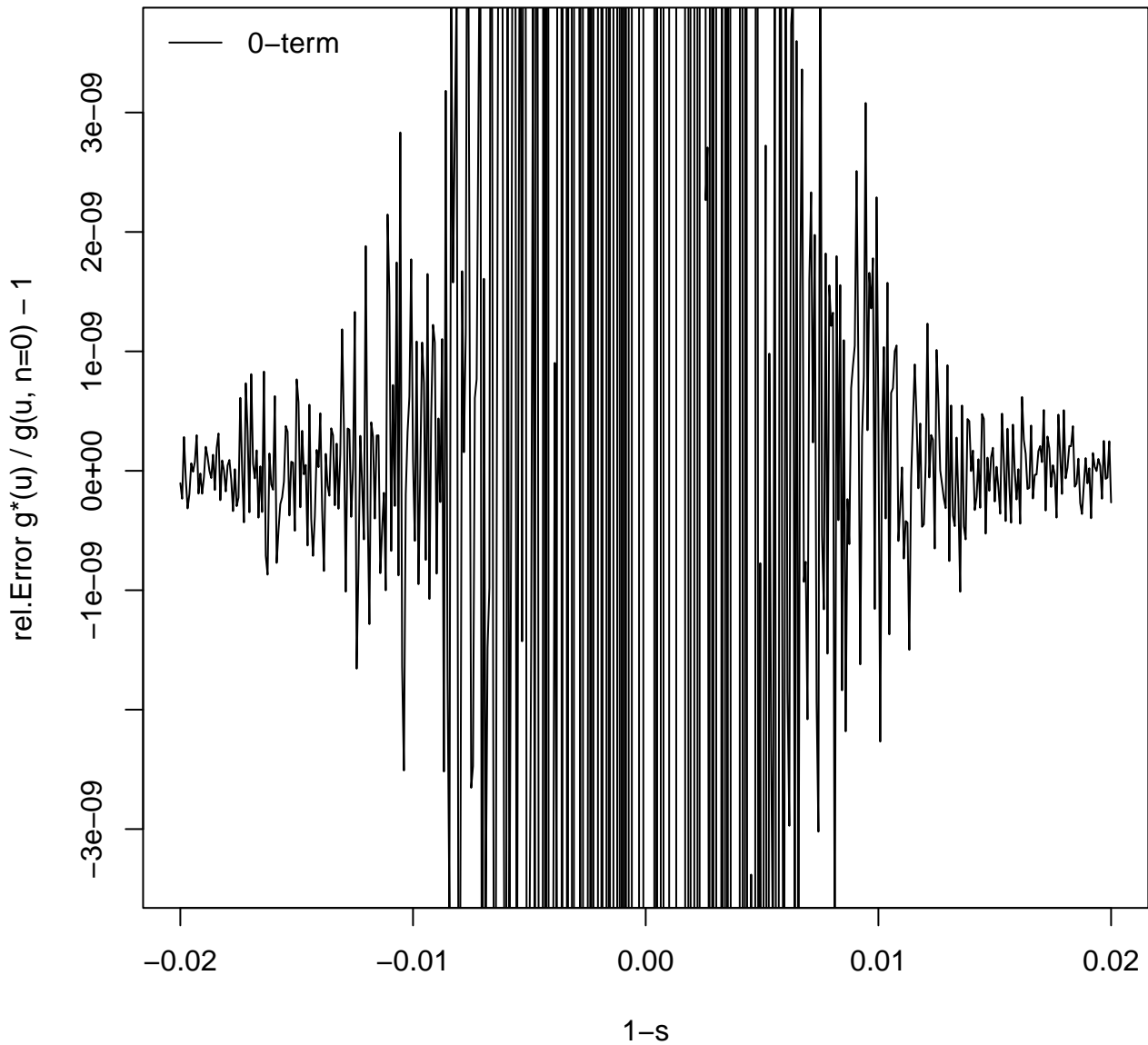
# pnchisq() Wiener germ z.'s' around $s \sim 1$



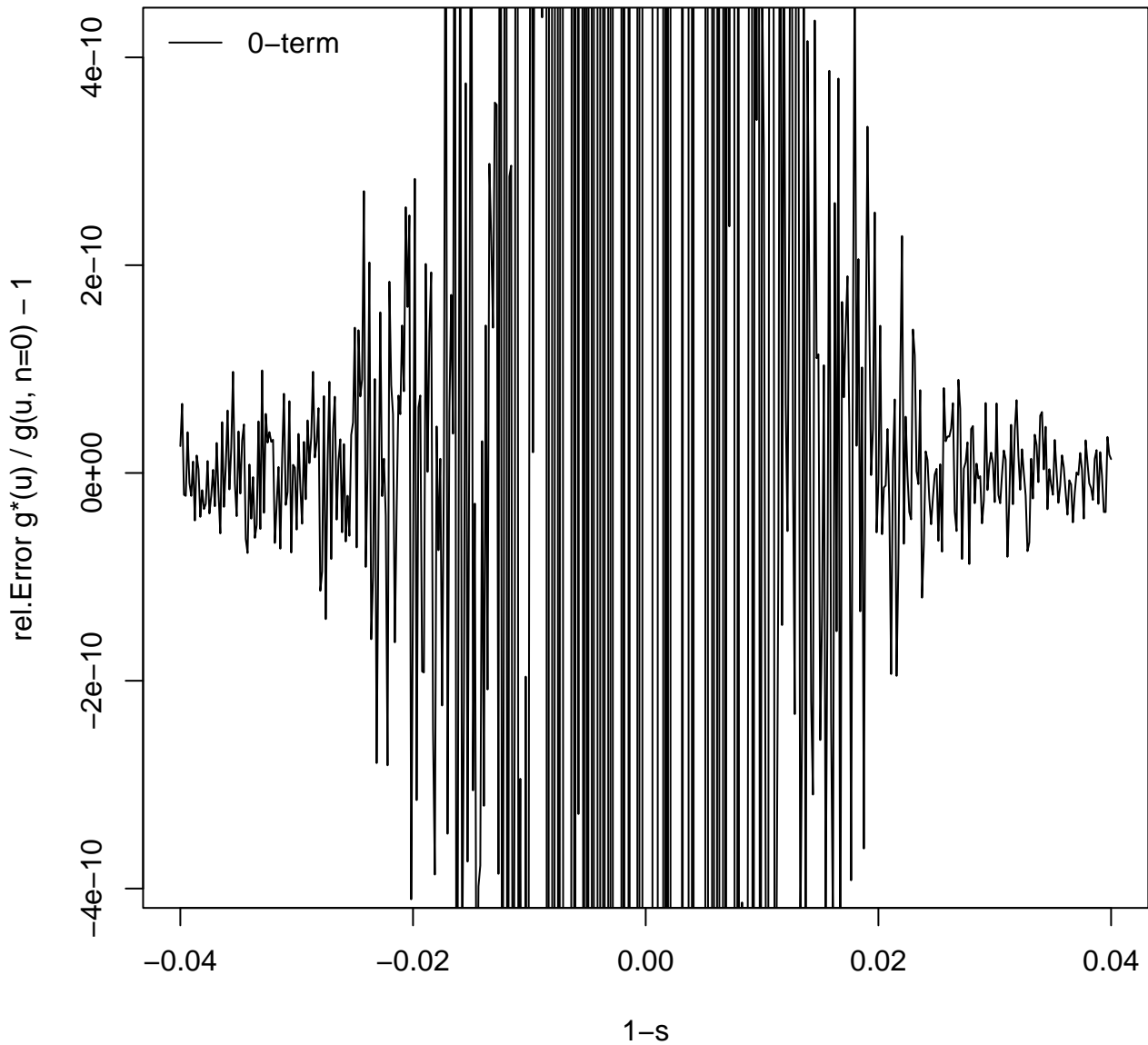
# pnchisq() Wiener germ z.'s' around $s \sim 1$



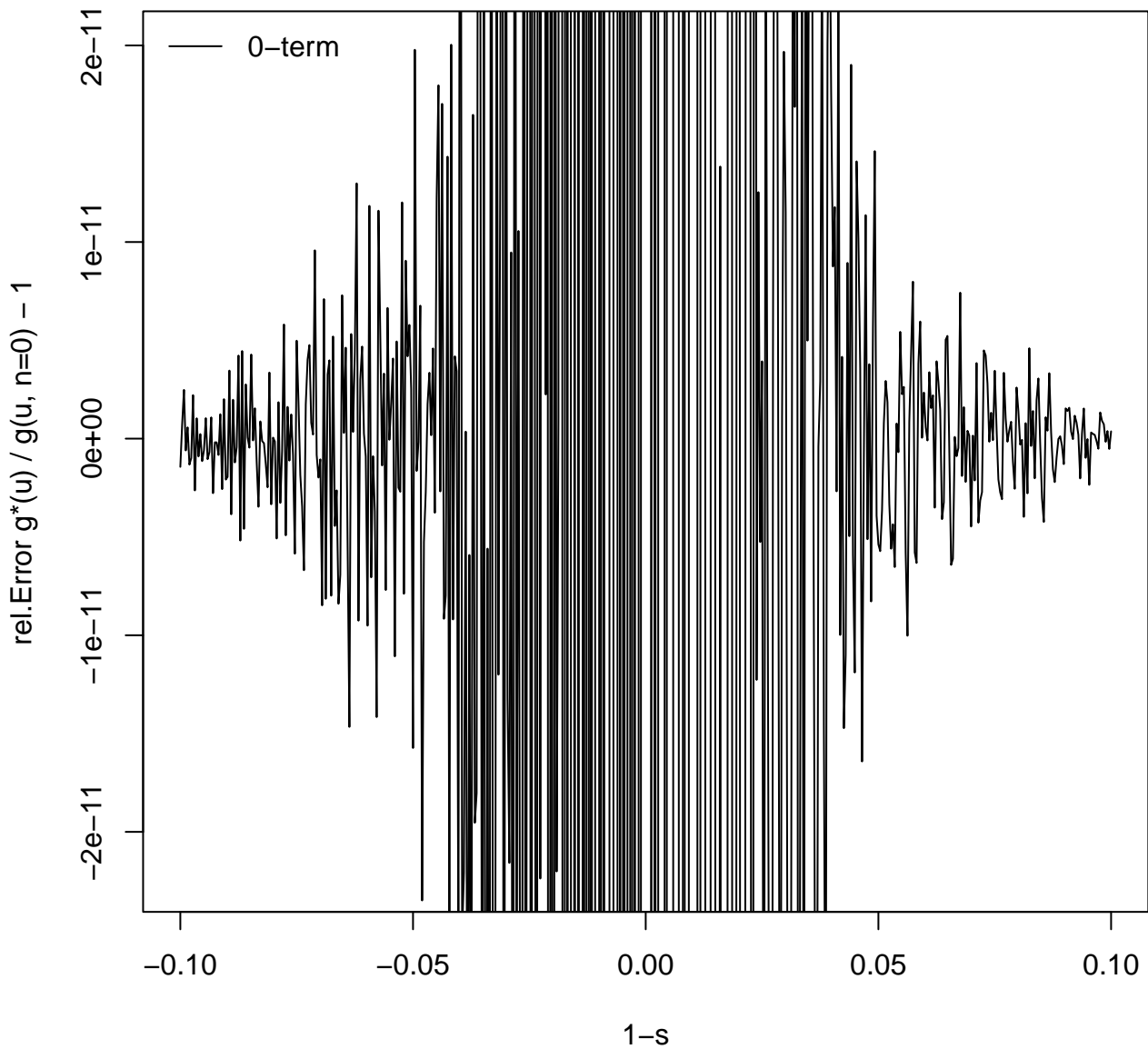
# pnchisq() Wiener germ z.'s' around $s \sim 1$



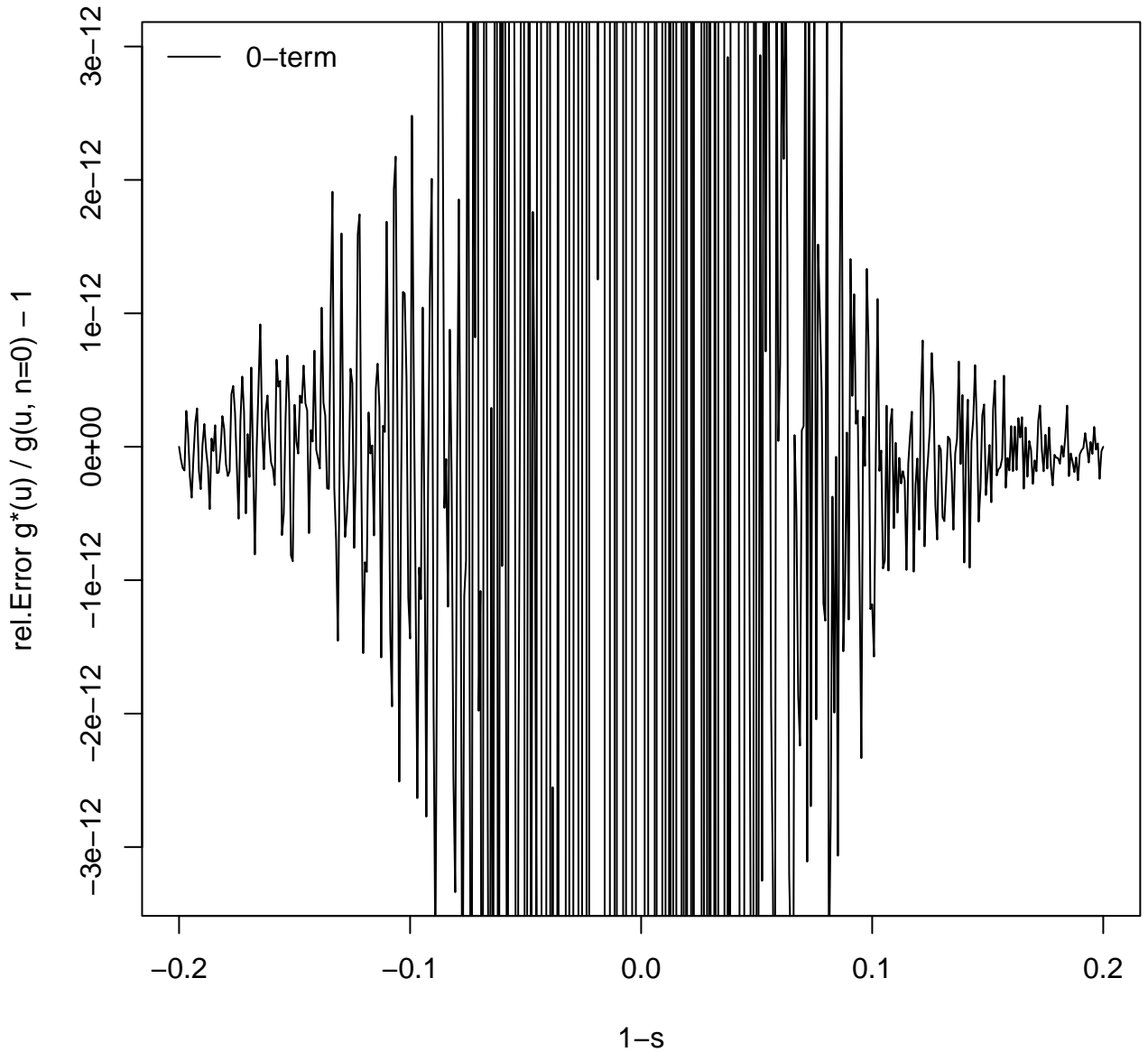
# pnchisq() Wiener germ z.'s' around $s \sim 1$



# pnchisq() Wiener germ z.'s' around $s \sim 1$

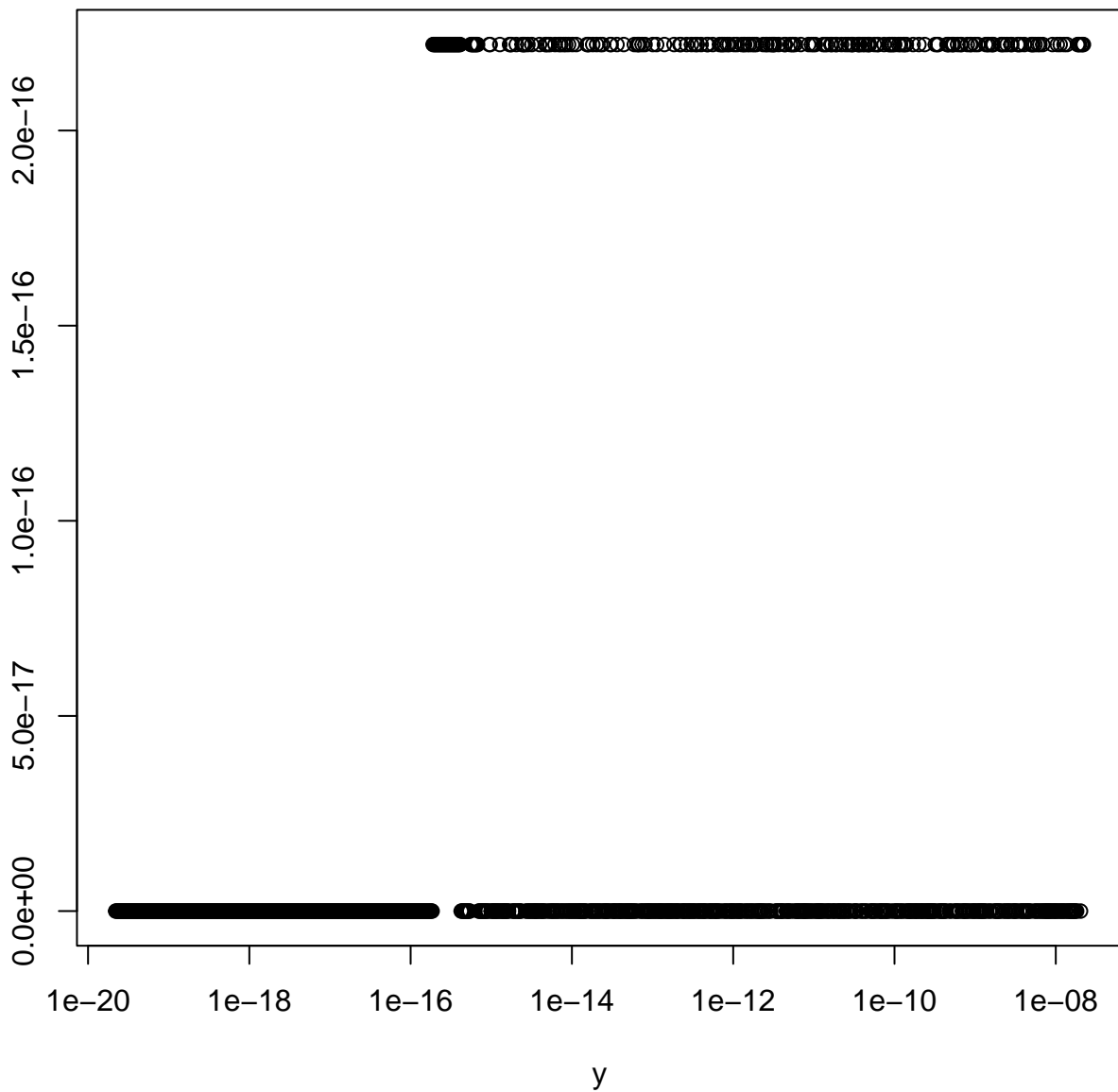


# pnchisq() Wiener germ z.'s' around $s \sim 1$





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