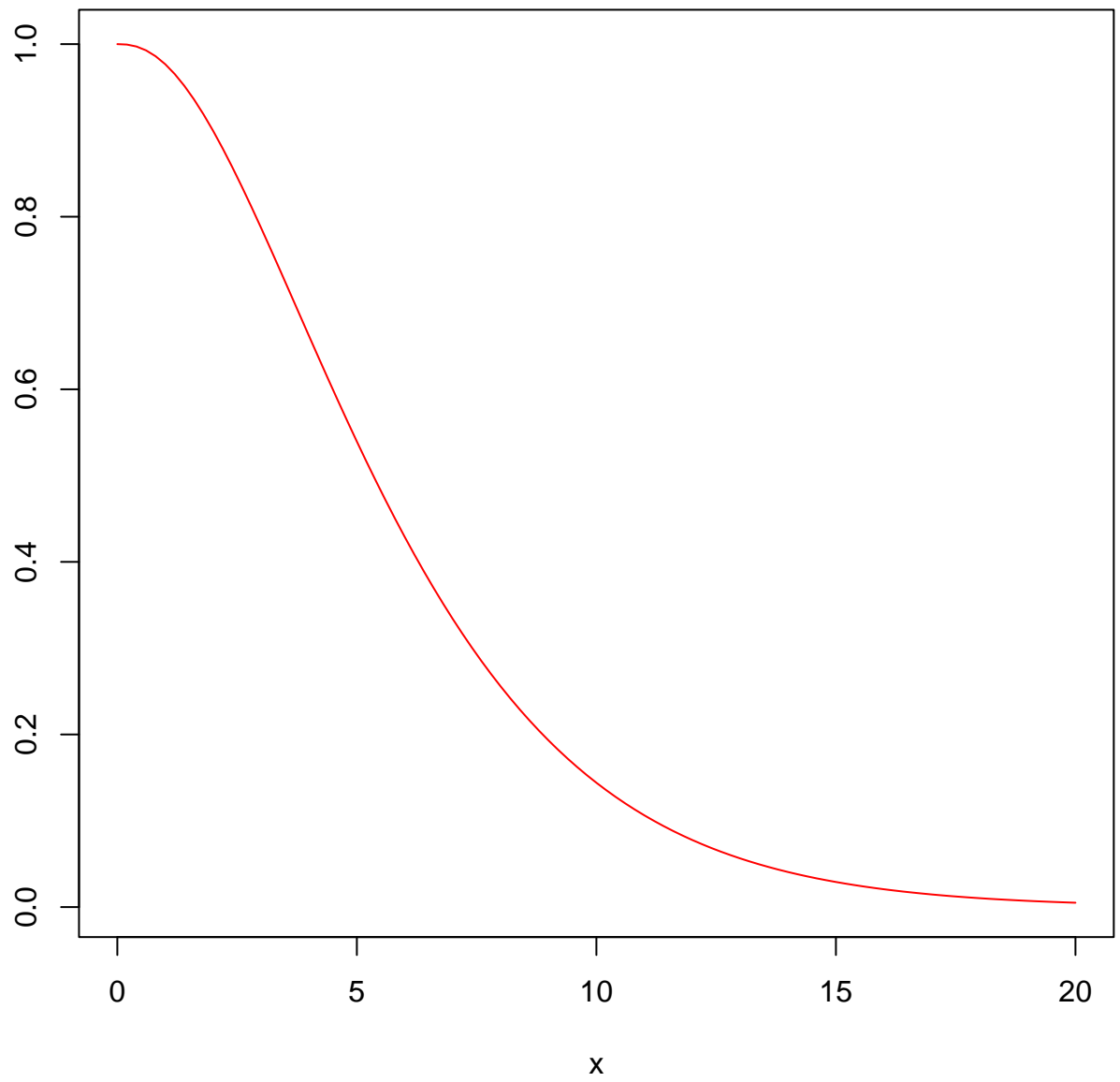
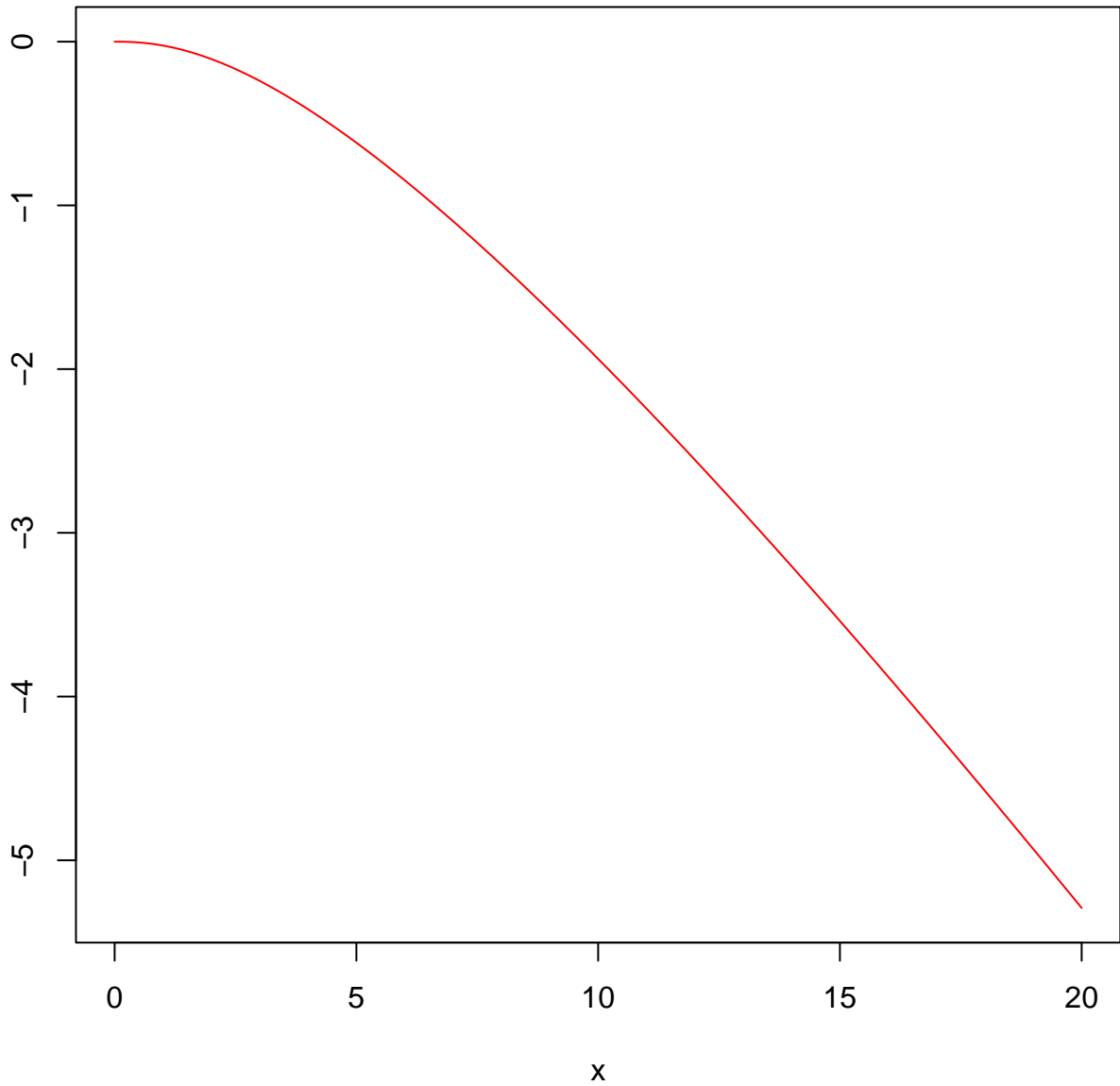


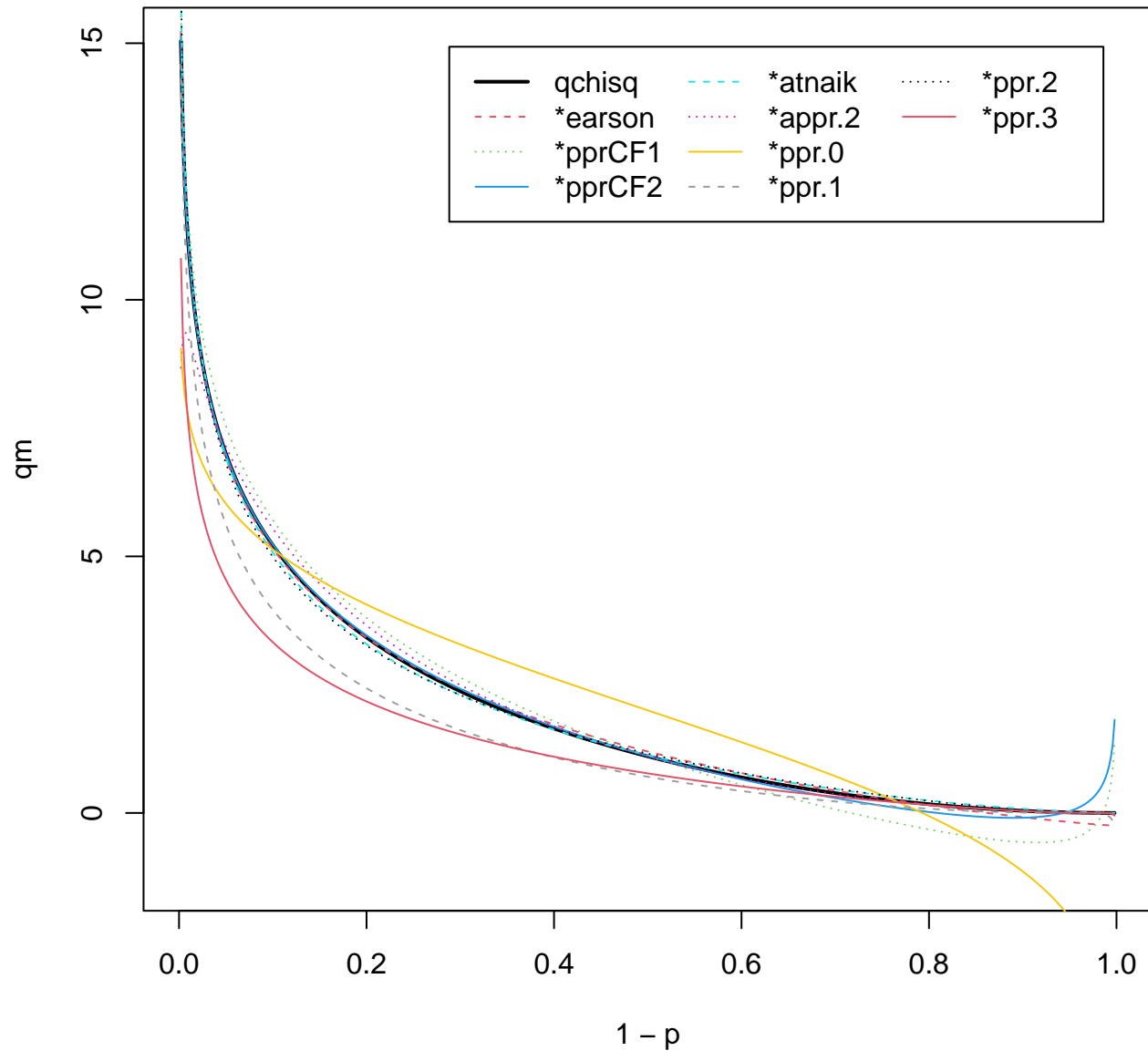
```
pncR <- pchisq(x, 5, ncp = 1.1, lower = FALSE)
```



LpncR <- pchisq(x, 5, ncp = 1.1, lower = FALSE, log = TRUE)

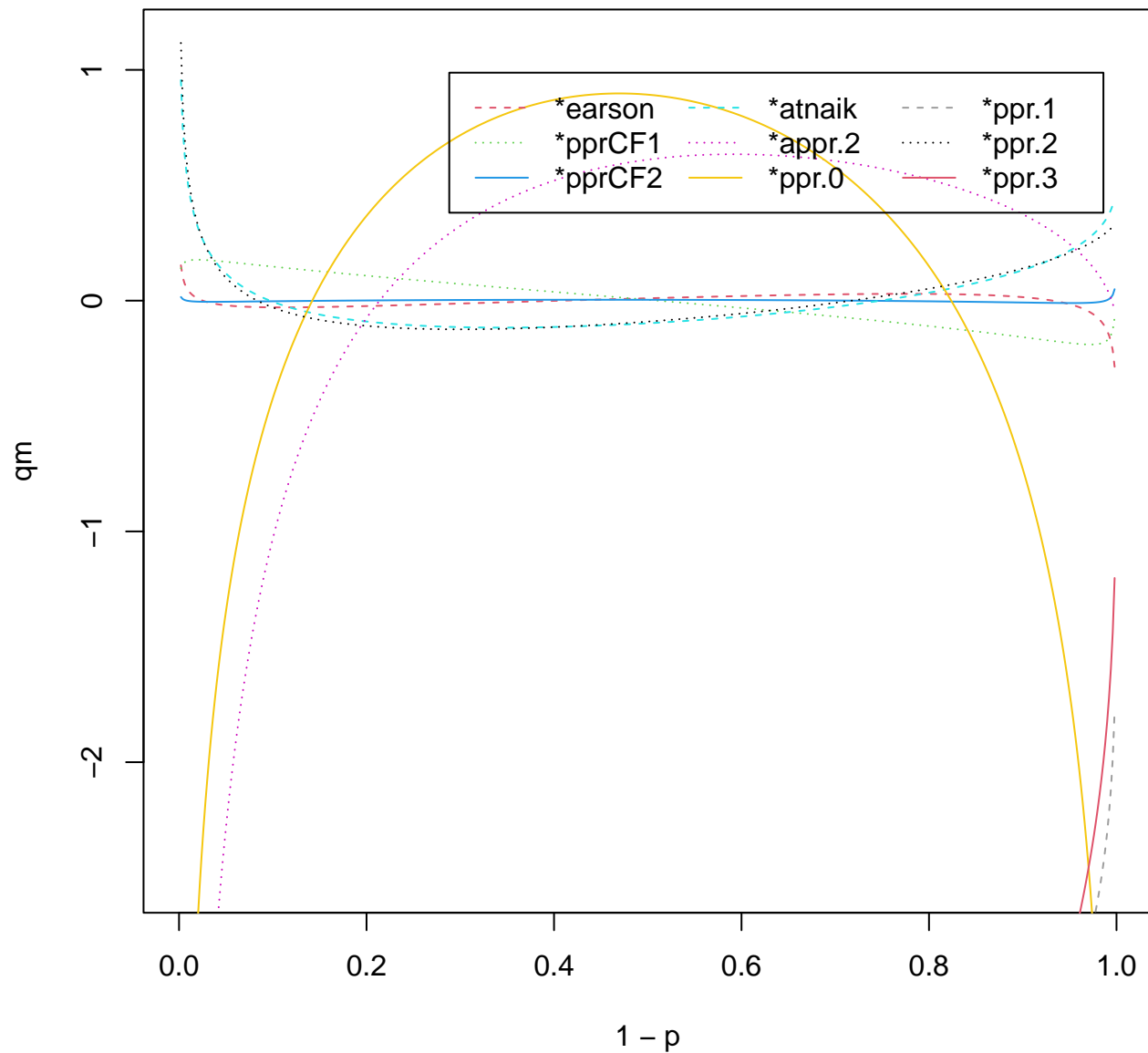


**p.qappr(p = pU, df = 1, ncp = 1)**  
different approximations to qchisq()

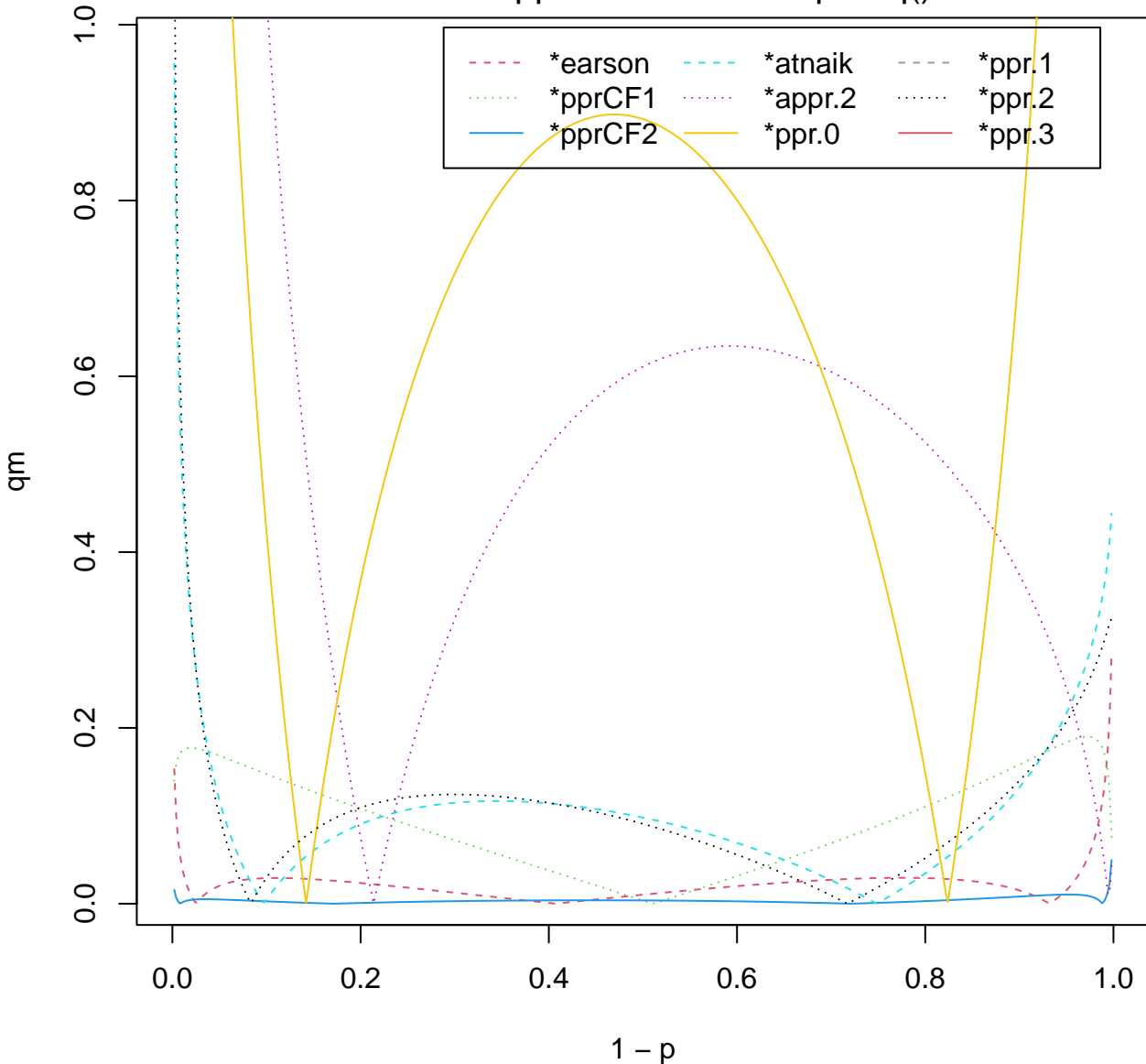




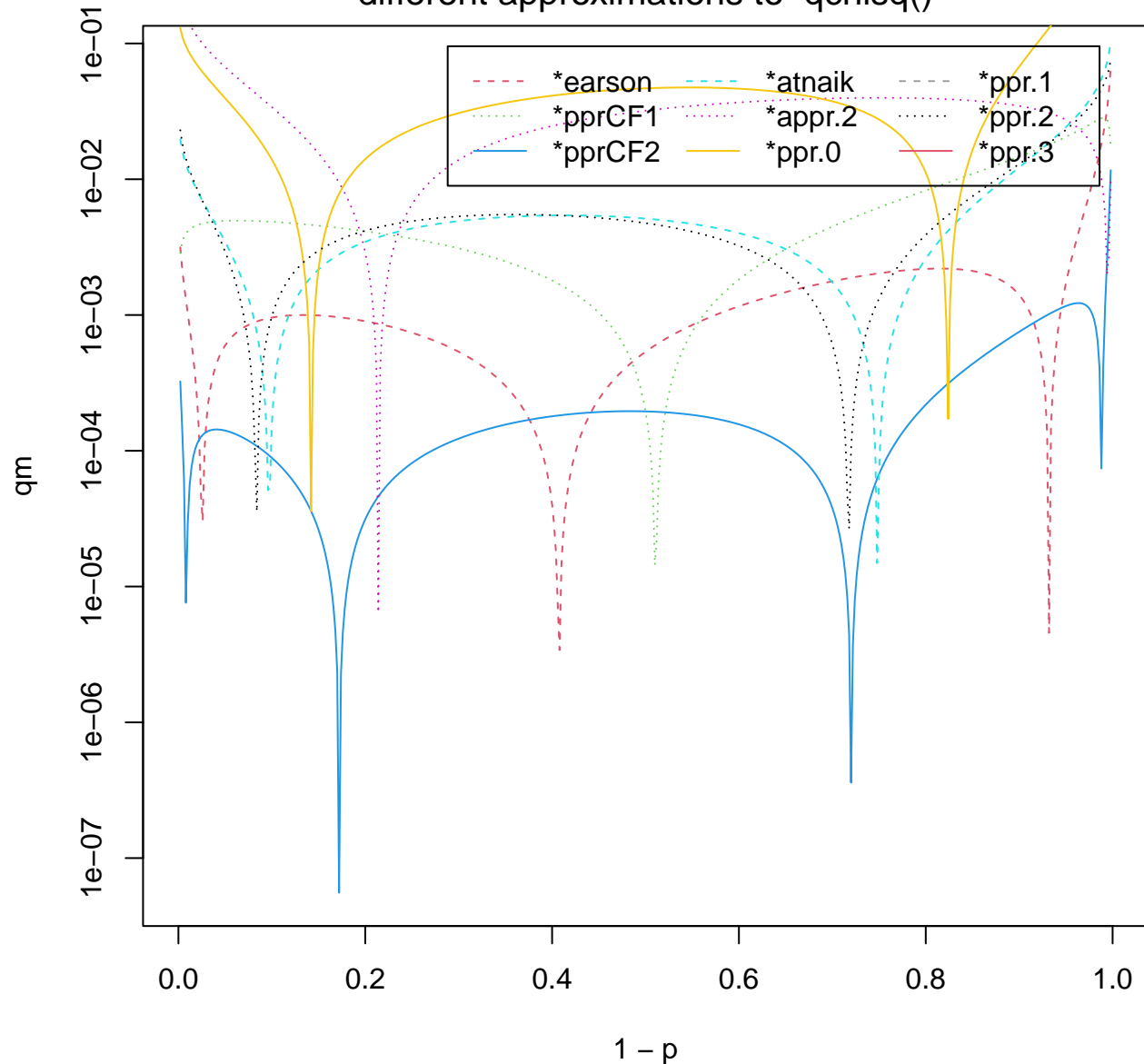
**p.qappr(p = pU, df = 10, ncp = 10, kind = "diff", ylim.range = 1)**  
different approximations to qchisq()



**p.qappr(p = pU, df = 10, ncp = 10, kind = "abs", ylim.range = 0.01)**  
different approximations to qchisq()



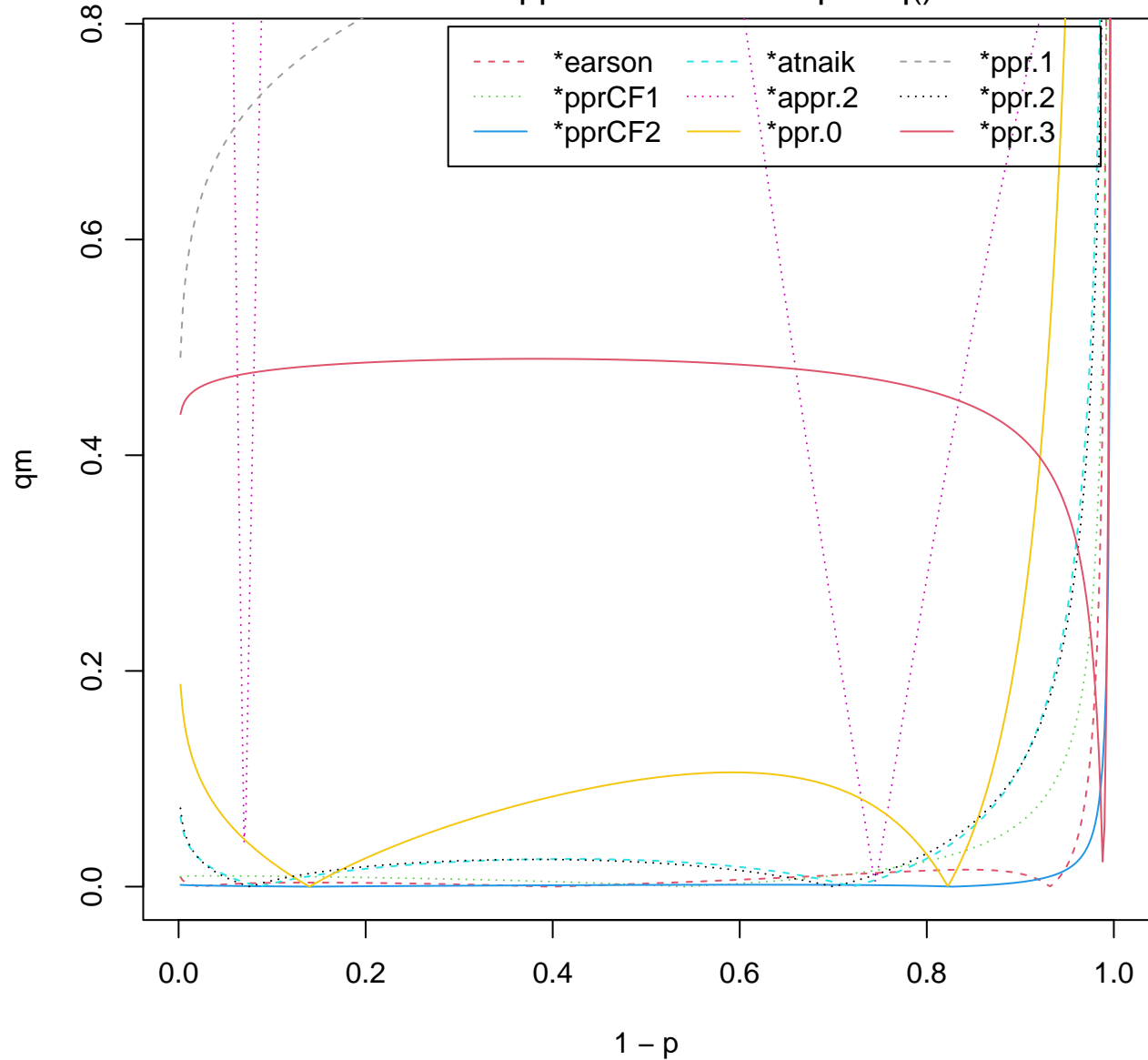
**p.qappr(p = pU, df = 10, ncp = 10, kind = "rel", log = "y")**  
different approximations to qchisq()



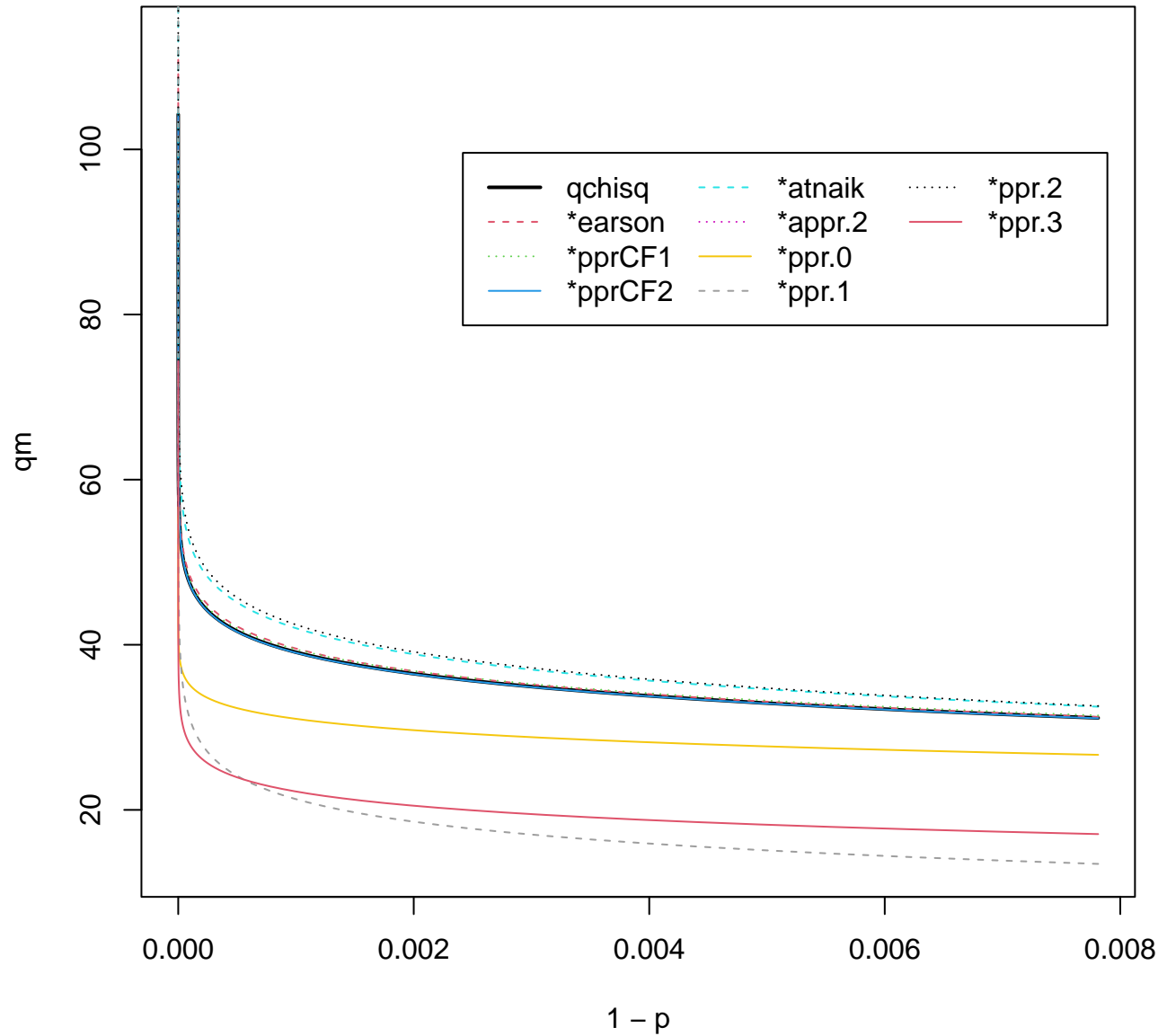




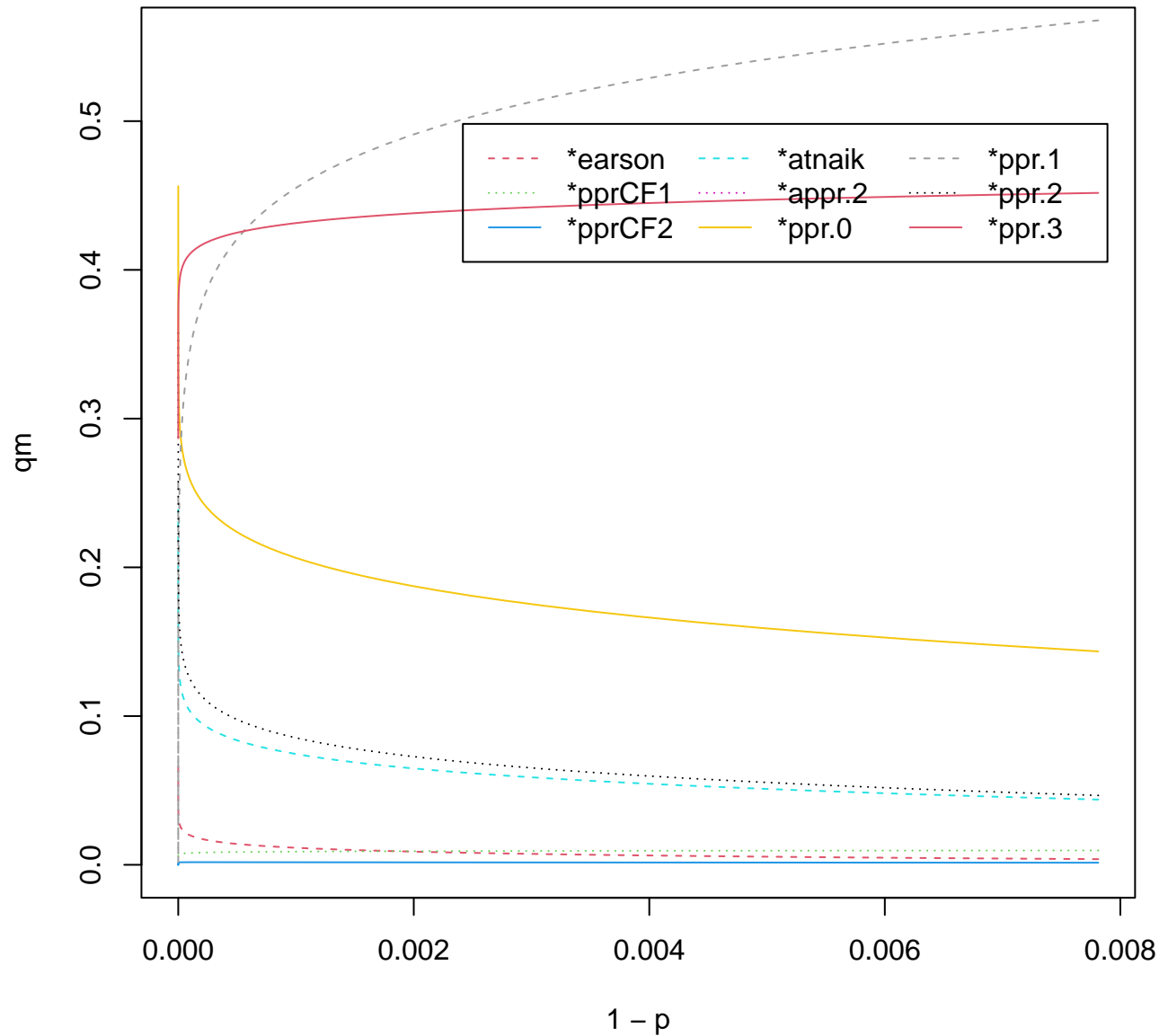
**p.qappr(p = pU, df = 1, ncp = 10, kind = "rel")**  
different approximations to qchisq()



**p.qappr(p = pU, df = 1, ncp = 10)**  
different approximations to qchisq()

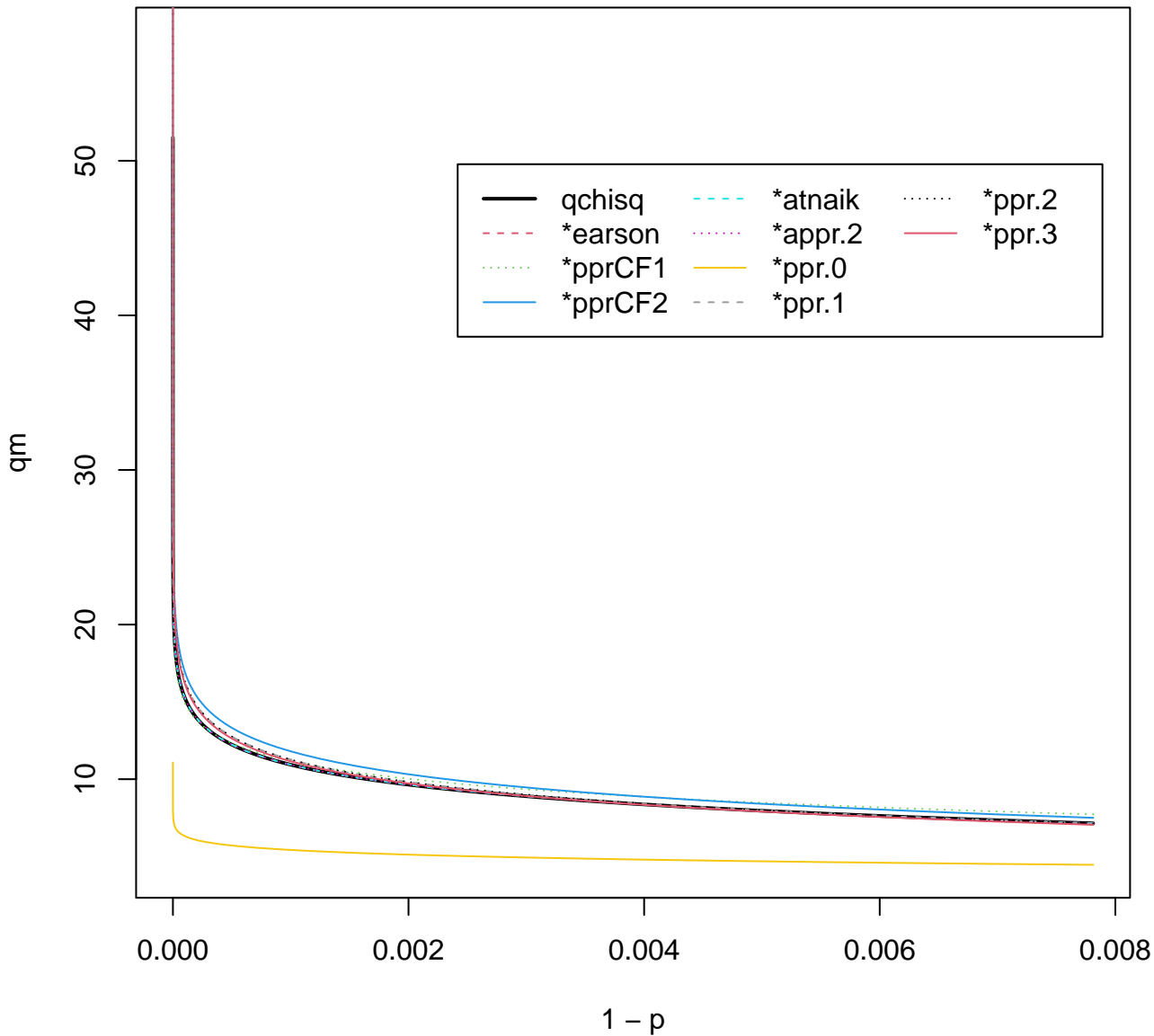


**p.qappr(p = pU, df = 1, ncp = 10, kind = "rel")**  
different approximations to qchisq()

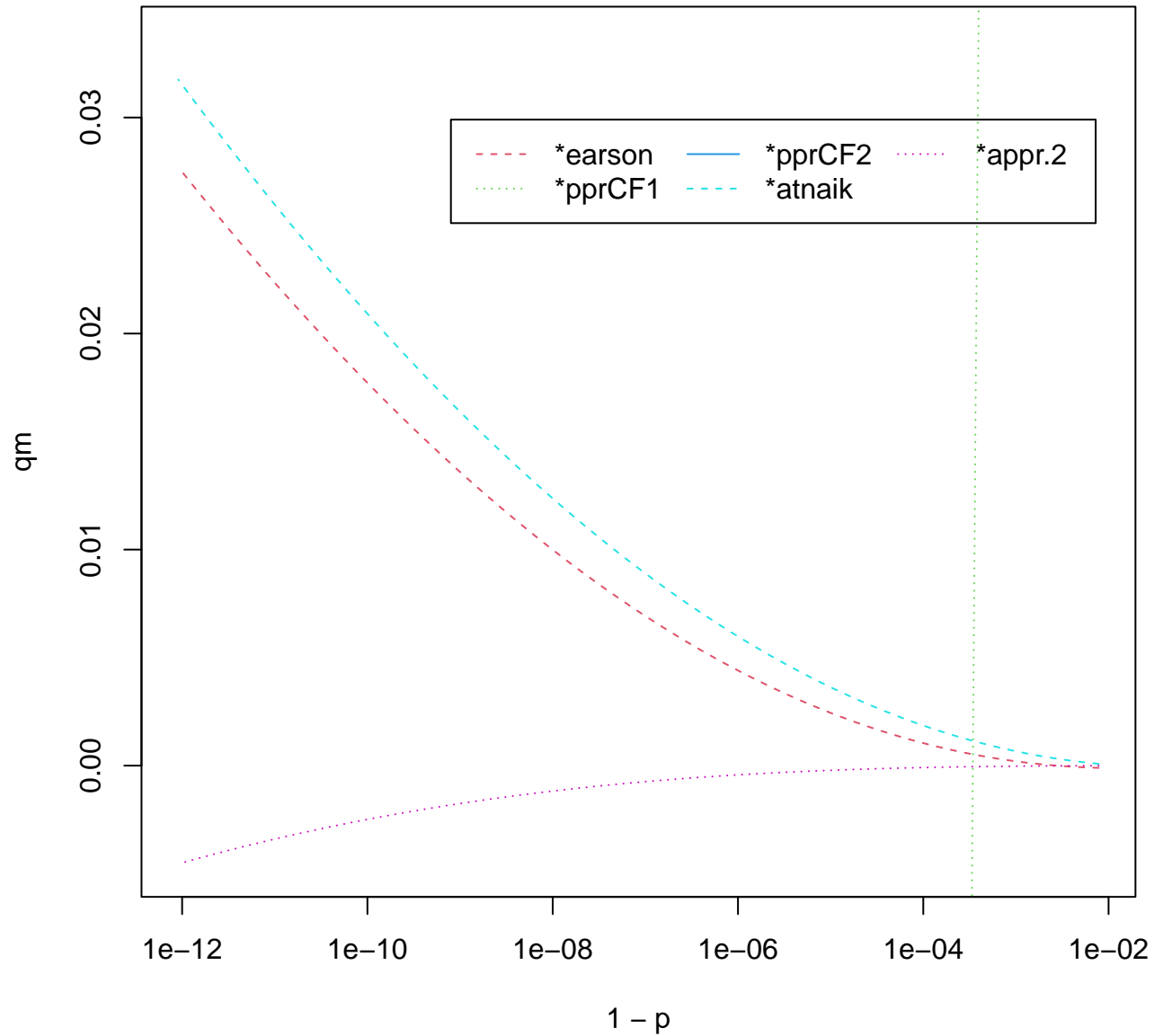




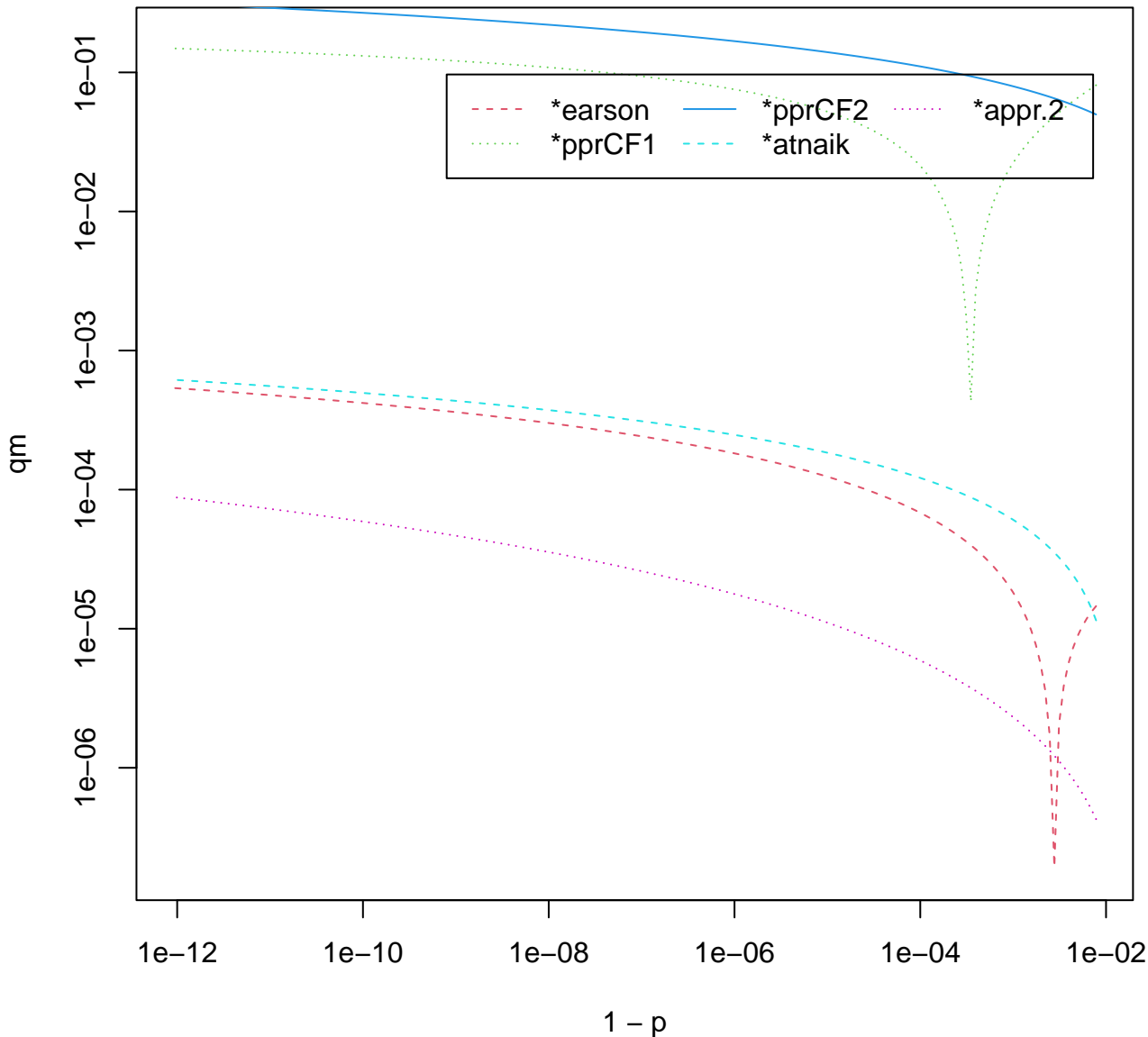
**p.qappr(p = pU, df = 1, ncp = 0.01)**  
different approximations to qchisq()



**p.qappr(p = pU, df = 1, ncp = 0.01, kind = "dif", nF = 6, log = "x")**  
different approximations to qchisq()

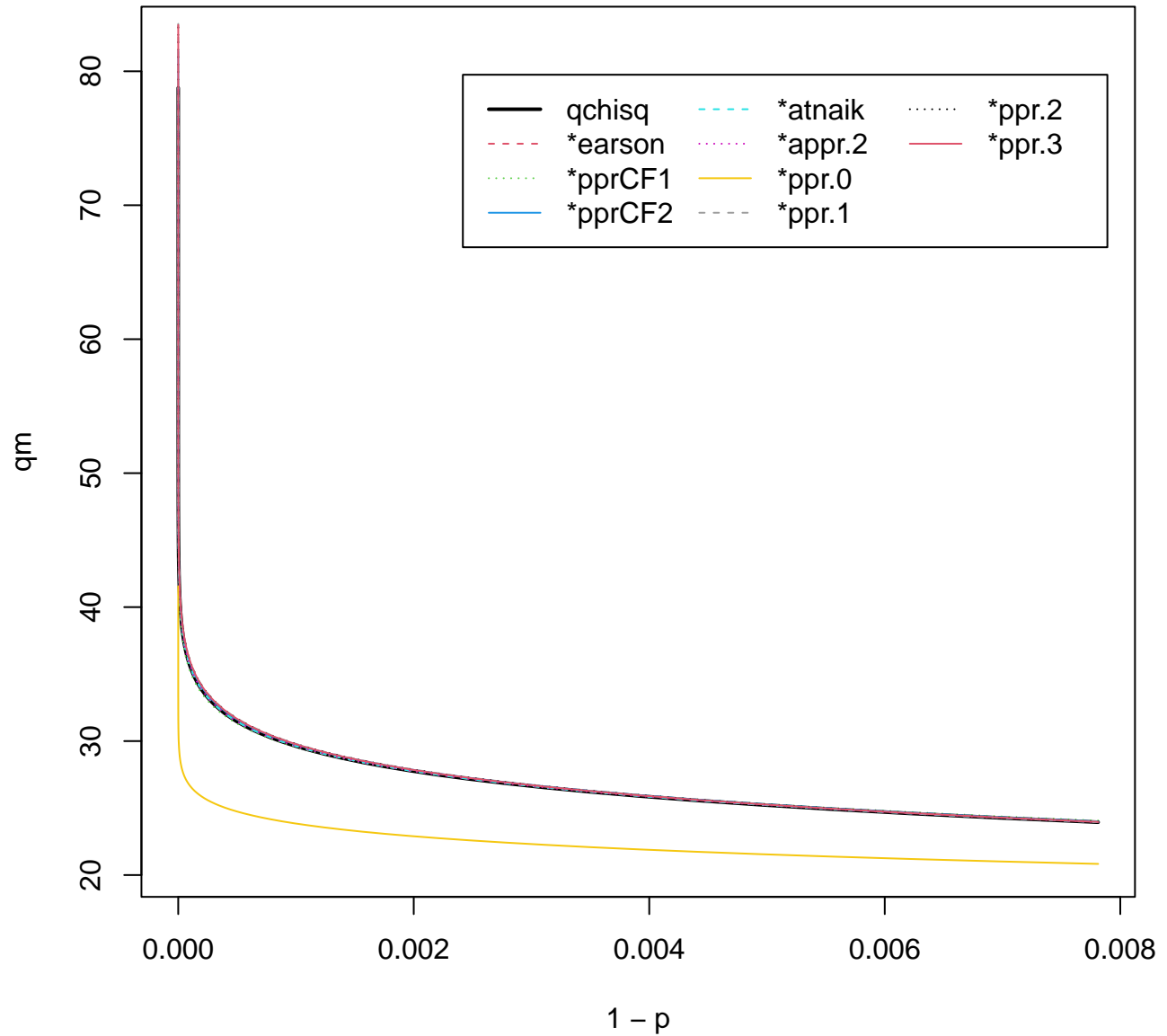


**p.qappr(p = pU, df = 1, ncp = 0.01, kind = "rel", nF = 6, log = "xy")**  
different approximations to qchisq()

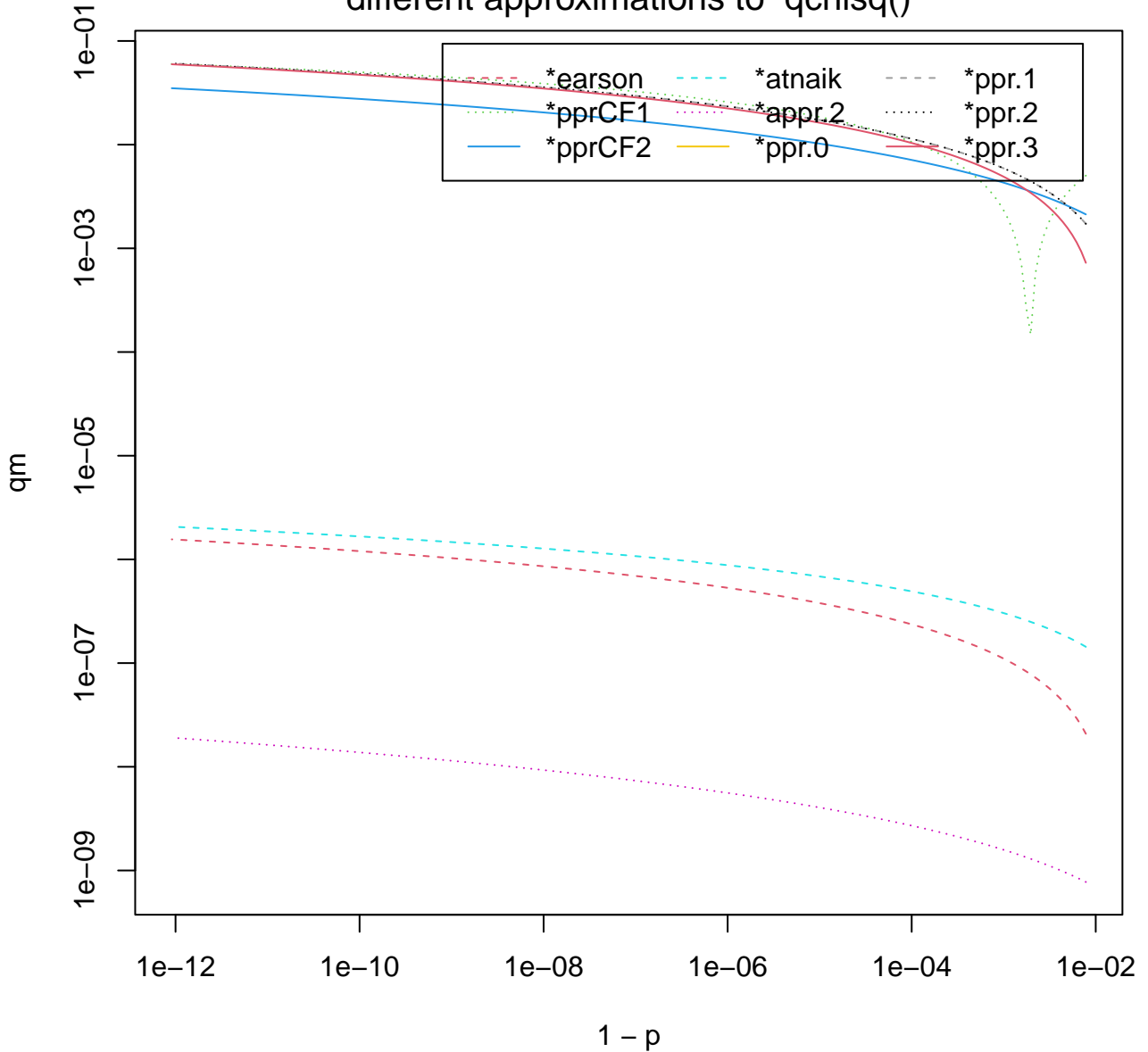




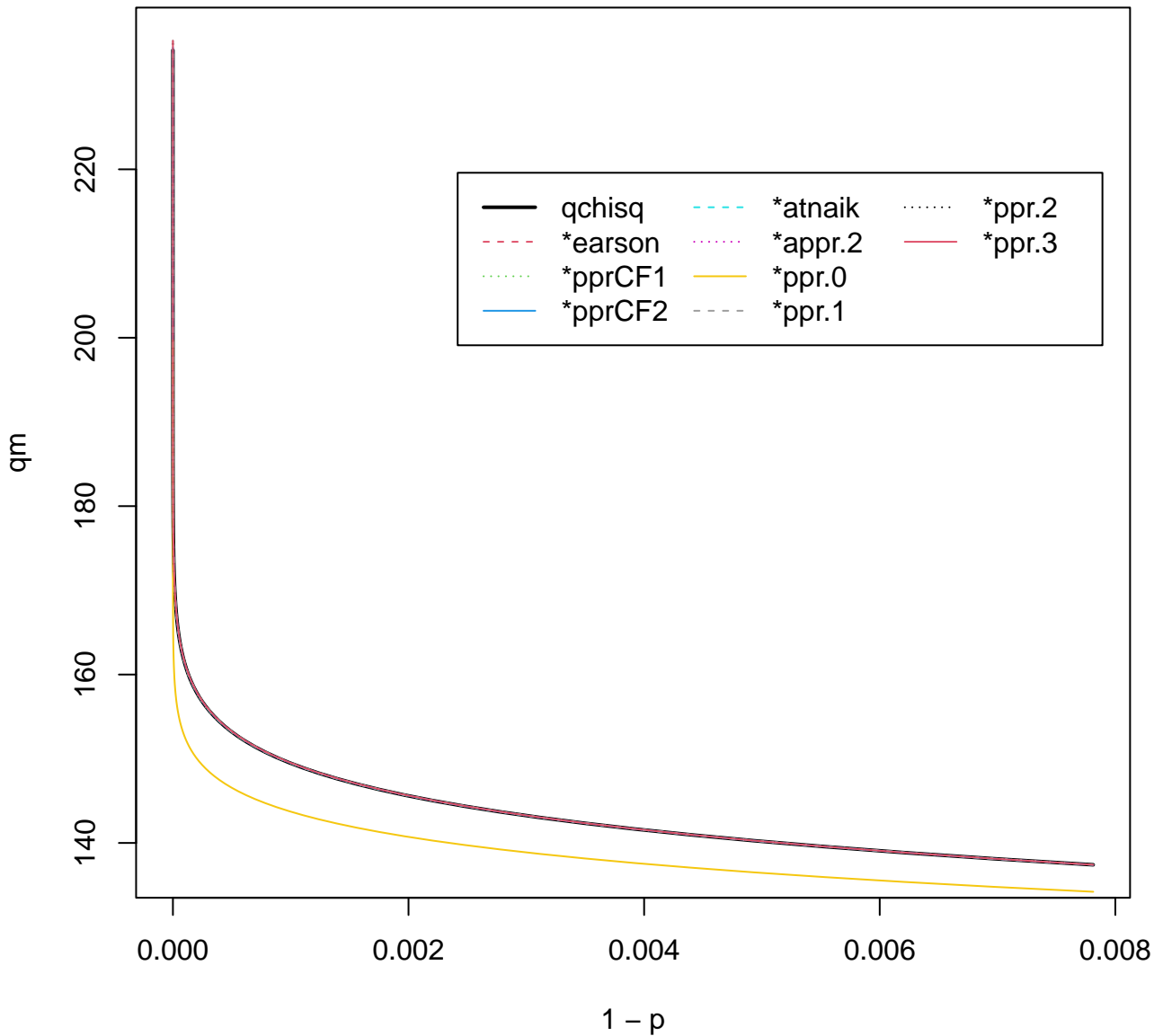
**p.qappr(p = pU, df = 10, ncp = 0.01)**  
different approximations to qchisq()



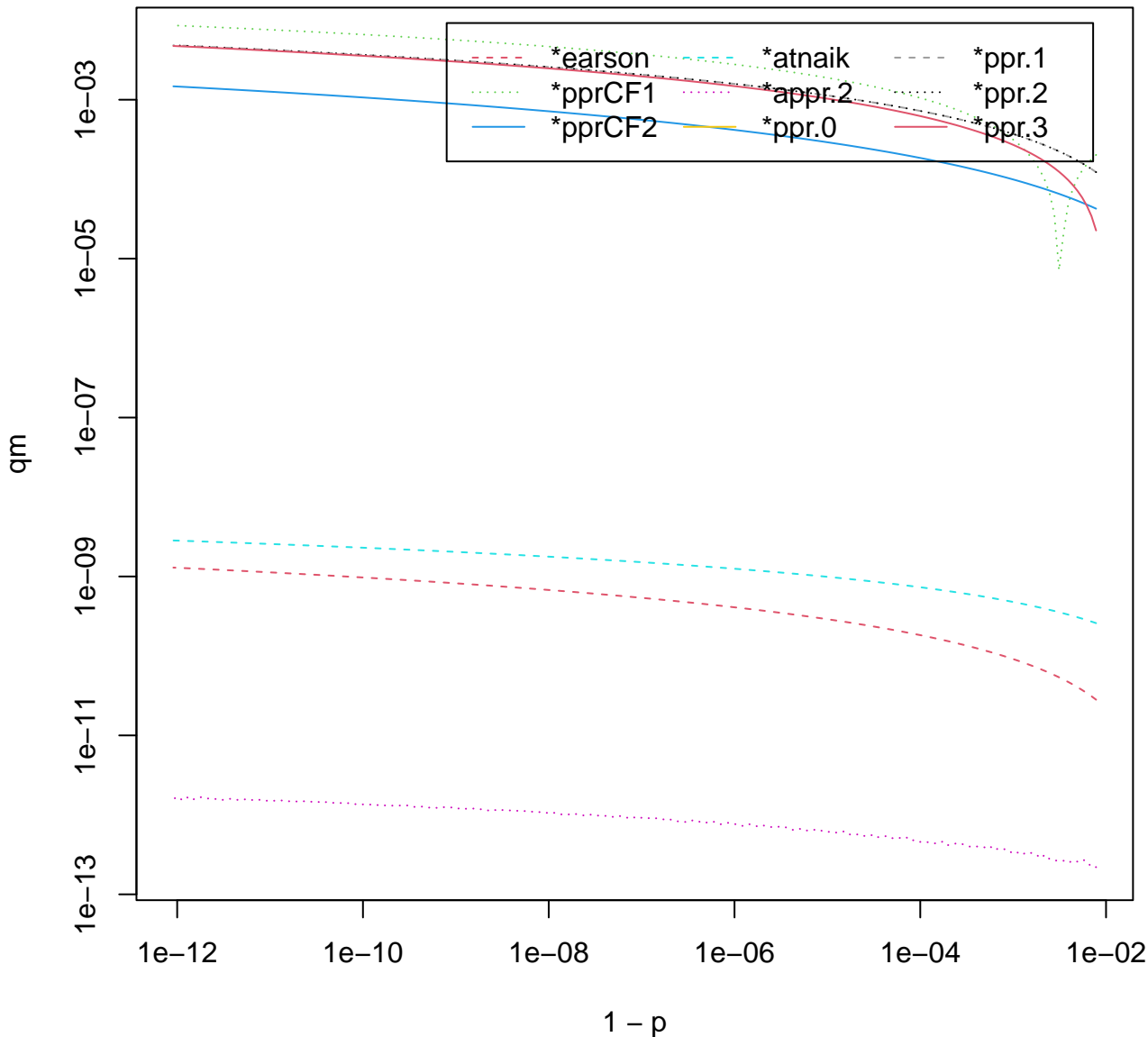
**p.qappr(p = pU, df = 10, ncp = 0.01, kind = "rel", log = "xy")**  
different approximations to qchisq()



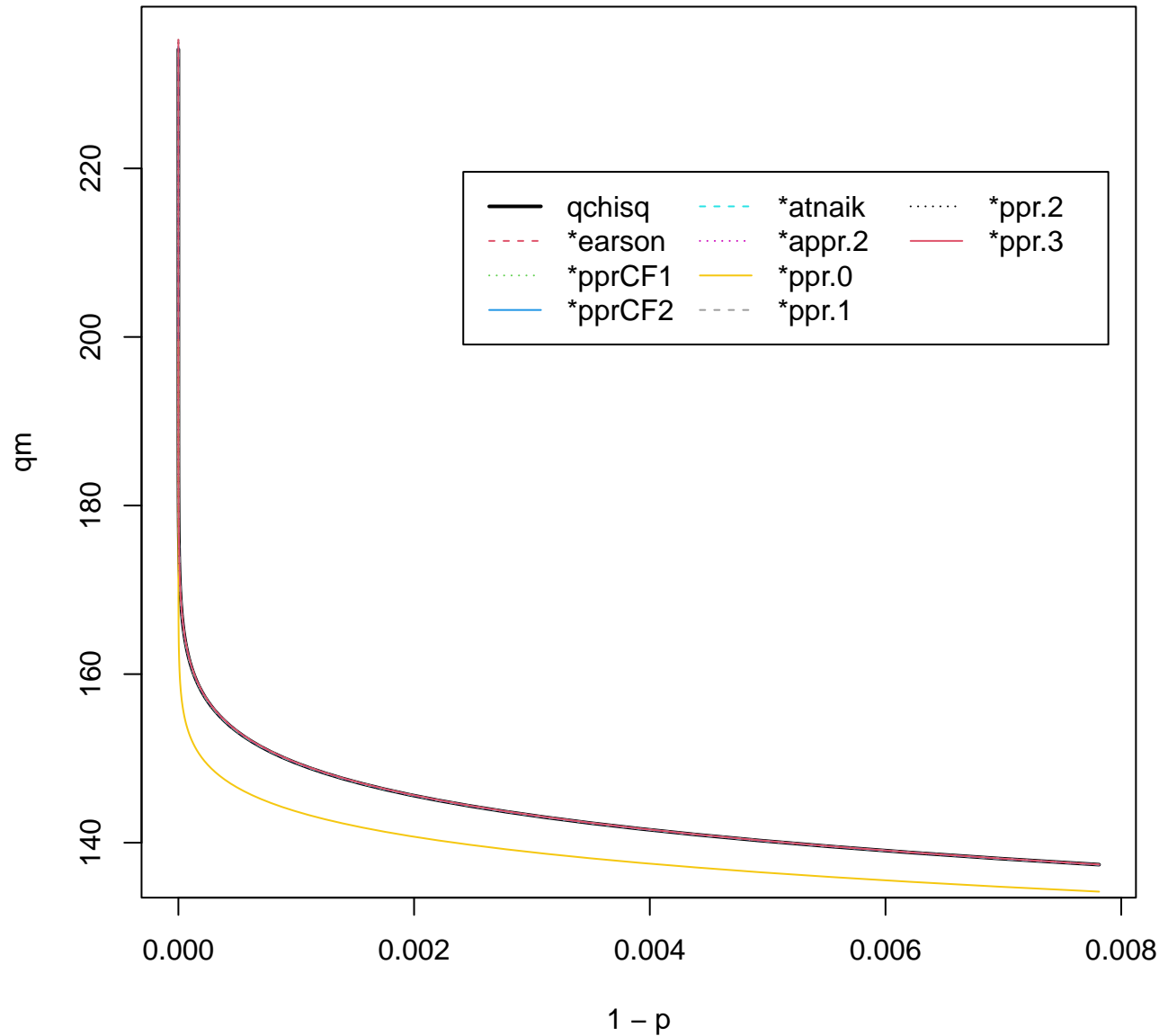
**p.qappr(p = pU, df = 100, ncp = 0.01)**  
different approximations to qchisq()



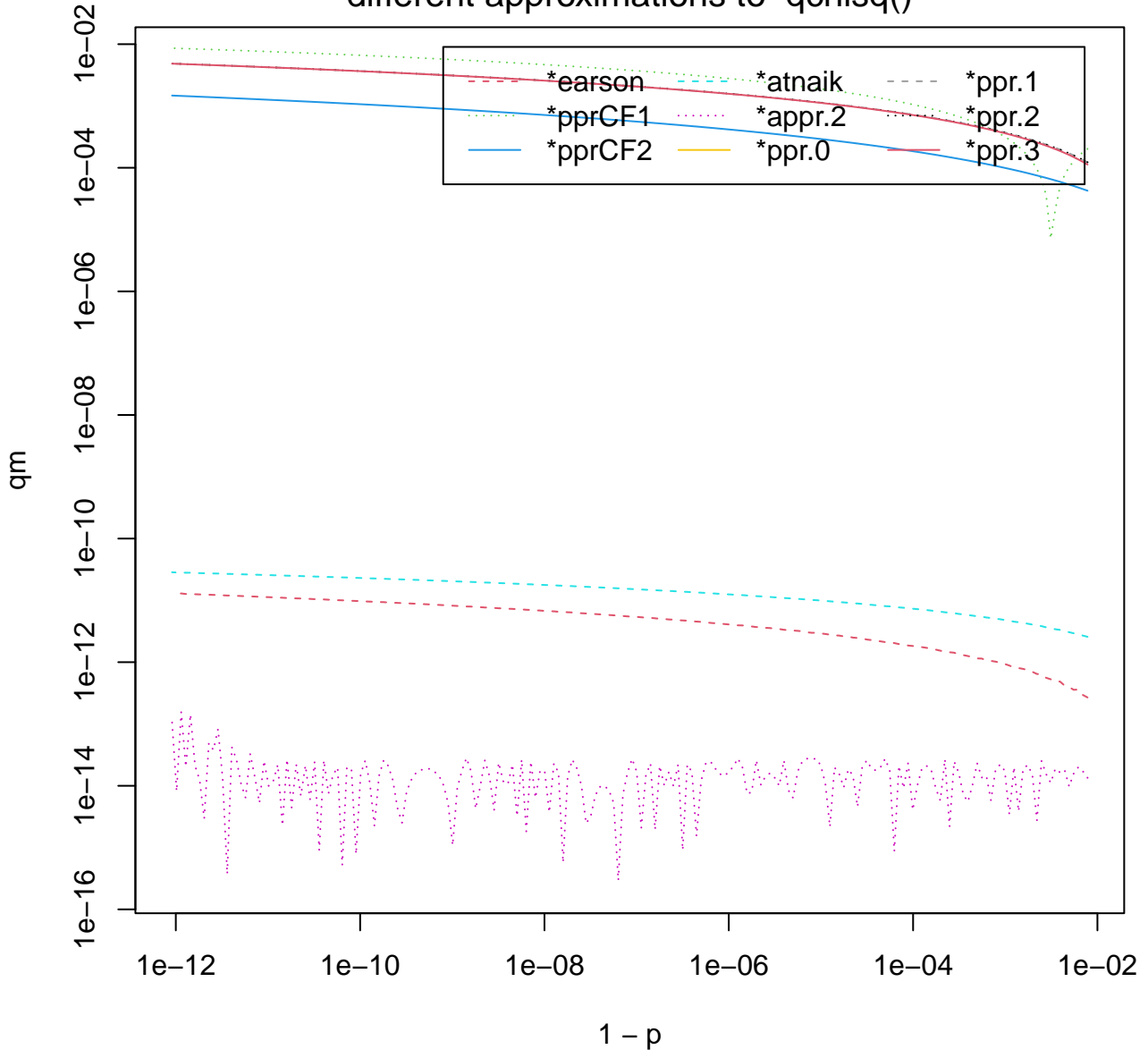
**p.qappr(p = pU, df = 100, ncp = 0.01, kind = "rel", log = "xy")**  
different approximations to qchisq()



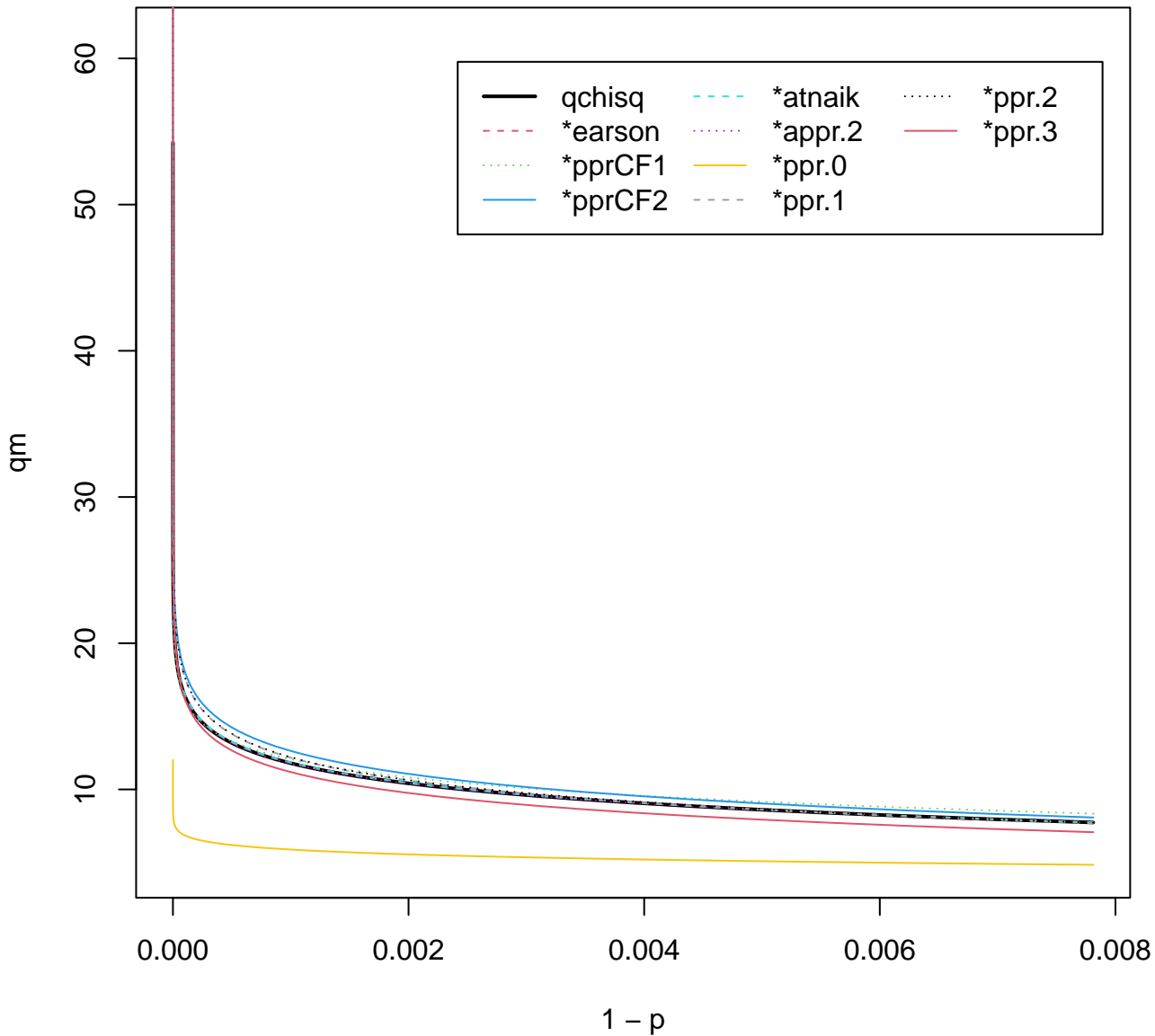
**p.qappr(p = pU, df = 100, ncp = 0.001)**  
different approximations to qchisq()



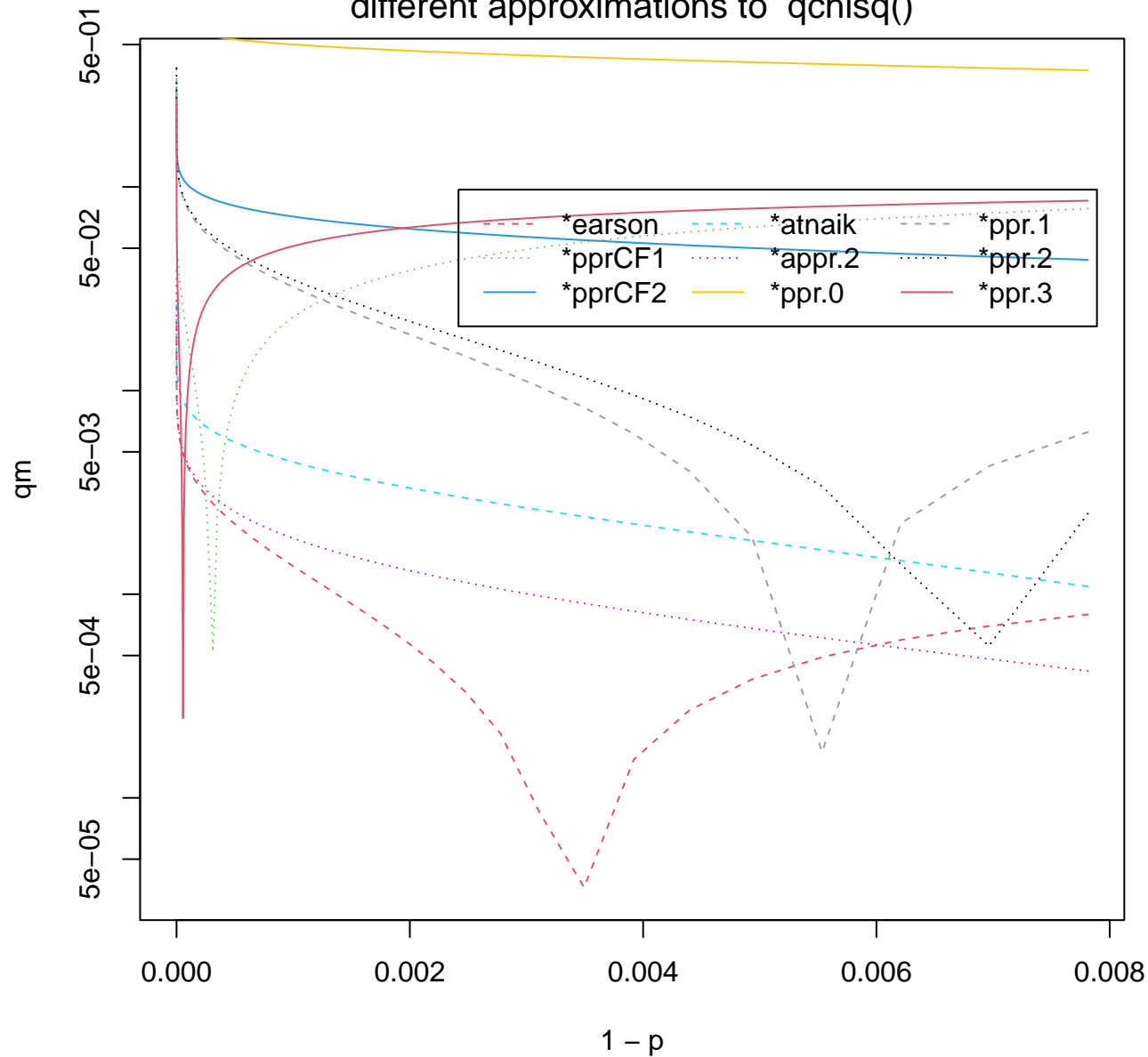
**p.qappr(p = pU, df = 100, ncp = 0.001, kind = "rel", log = "xy")**  
different approximations to qchisq()



**p.qappr(p = pU, df = 1, ncp = 0.1)**  
different approximations to qchisq()

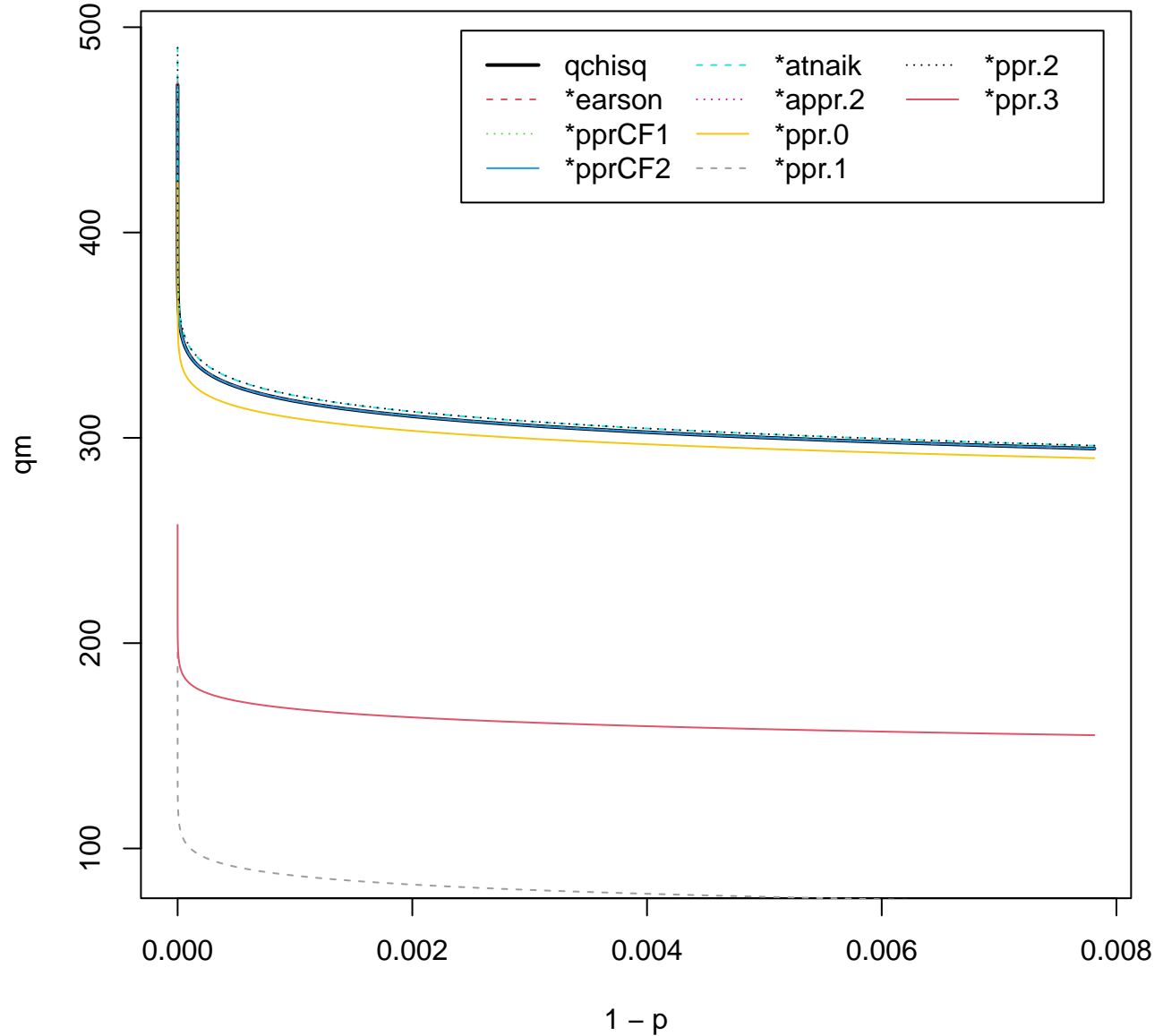


**p.qappr(p = pU, df = 1, ncp = 0.1, kind = "rel", log = "y")**  
different approximations to qchisq()





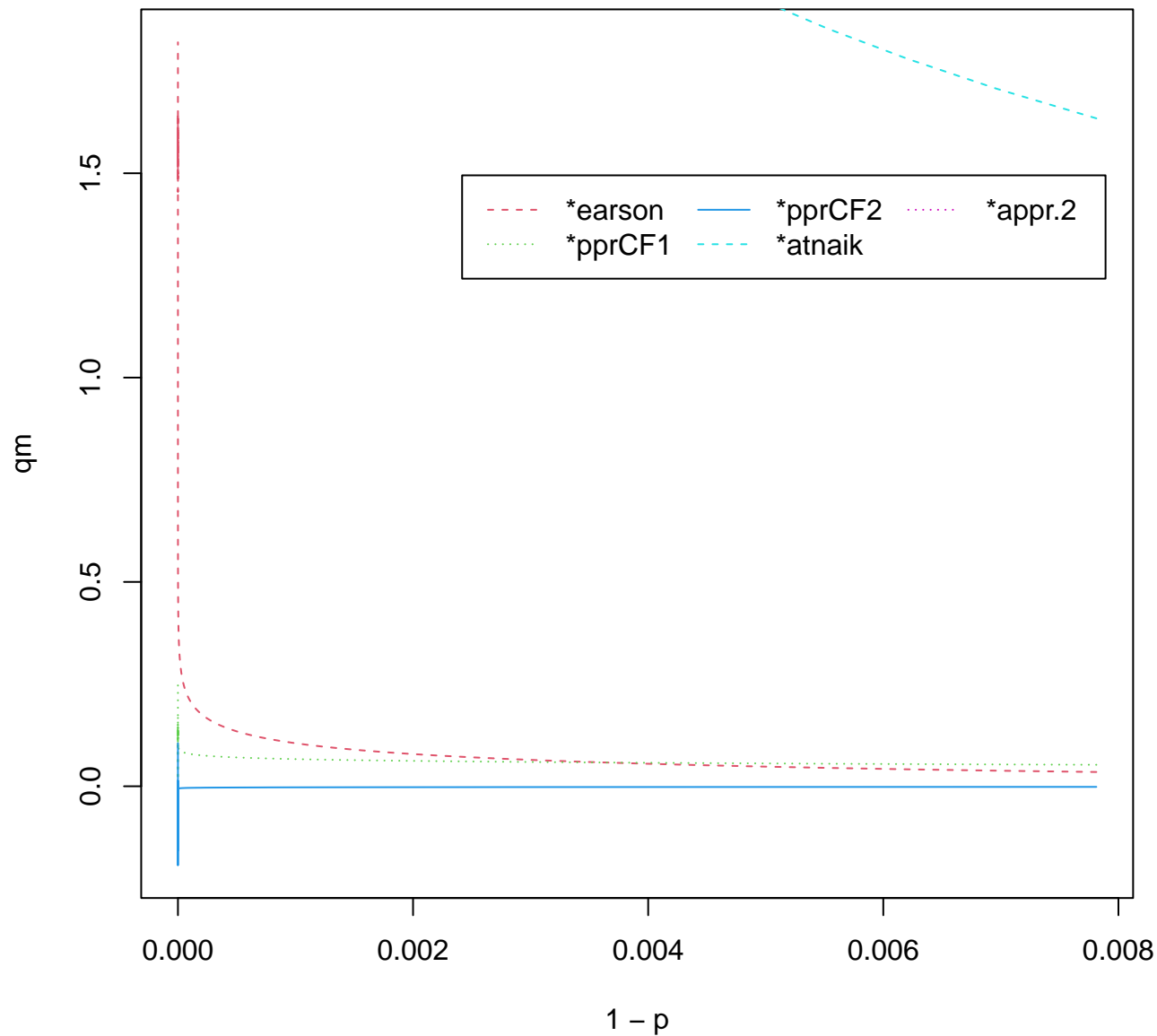
**p.qappr(p = pU, df = 20, ncp = 200)**  
different approximations to qchisq()



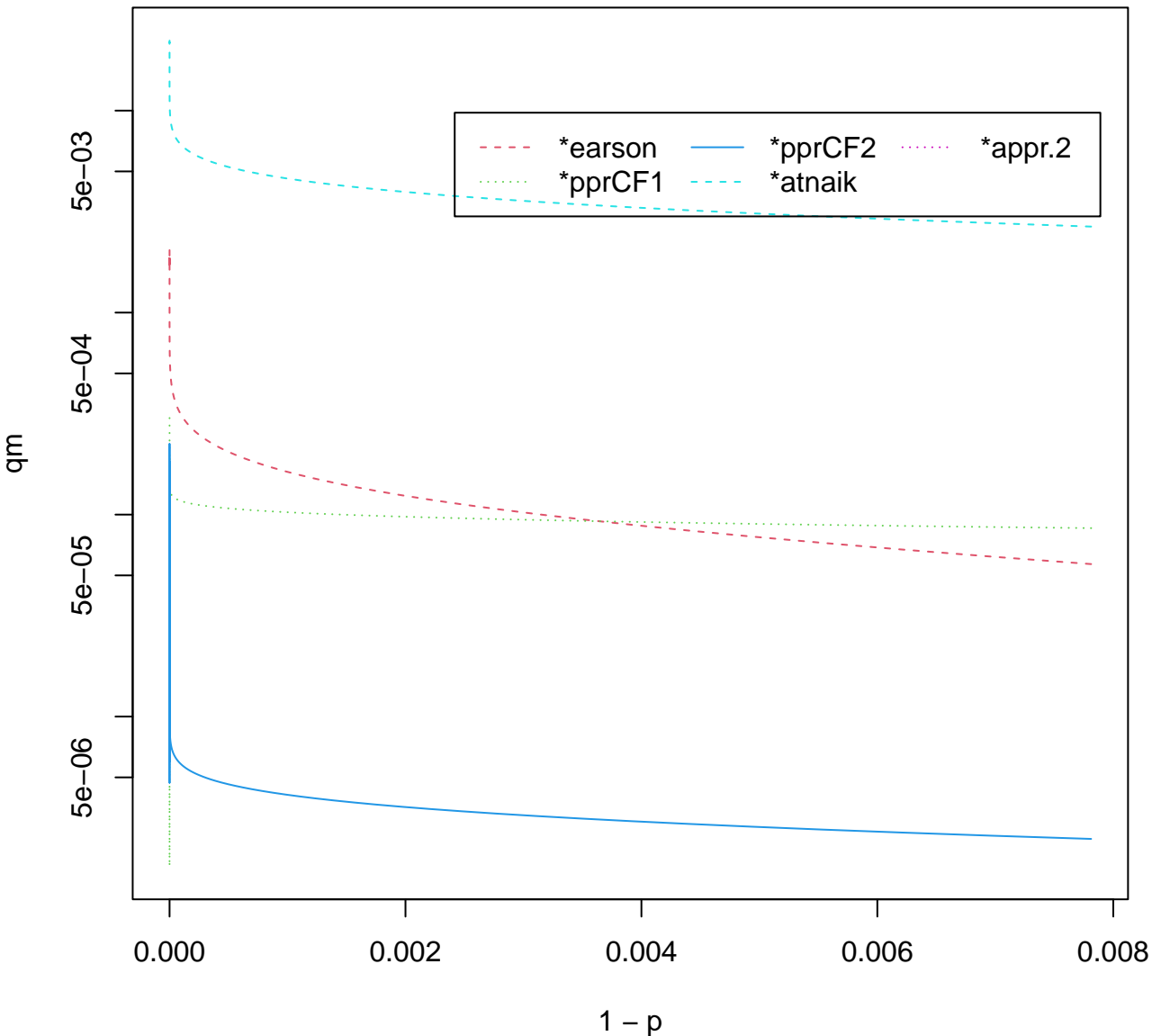




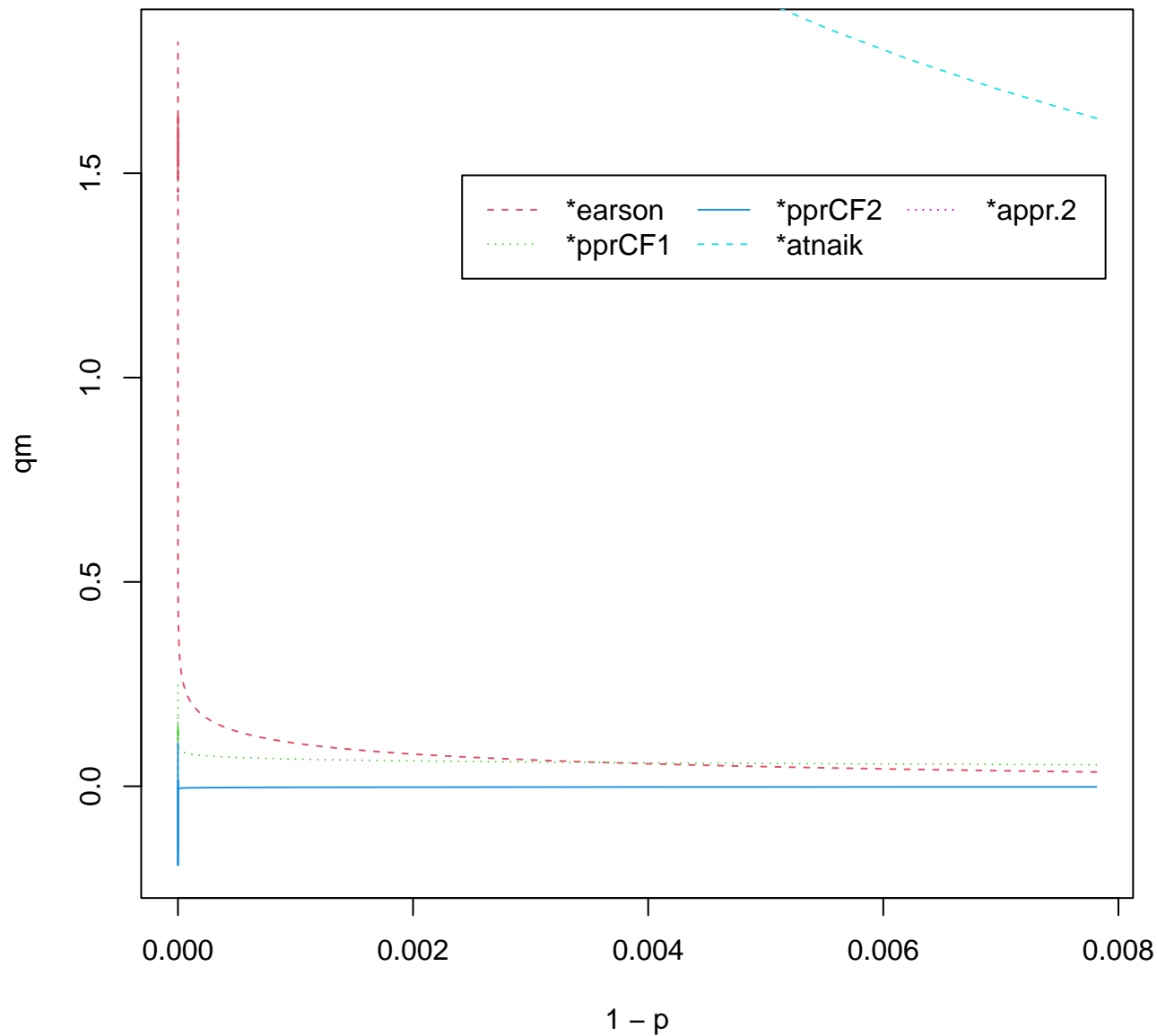
**p.qappr(p = pU, df = 0.1, ncp = 500, kind = "dif", nF = 6)**  
different approximations to qchisq()



**p.qappr(p = pU, df = 0.1, ncp = 500, kind = "rel", nF = 6, log = "y")**  
different approximations to qchisq()



**p.qappr(p = pU, df = 0.1, ncp = 500, kind = "dif", nF = 6)**  
different approximations to qchisq()



**p.qappr(p = pU, df = 0.1, ncp = 500, kind = "rel", nF = 6, log = "y")**  
different approximations to qchisq()

