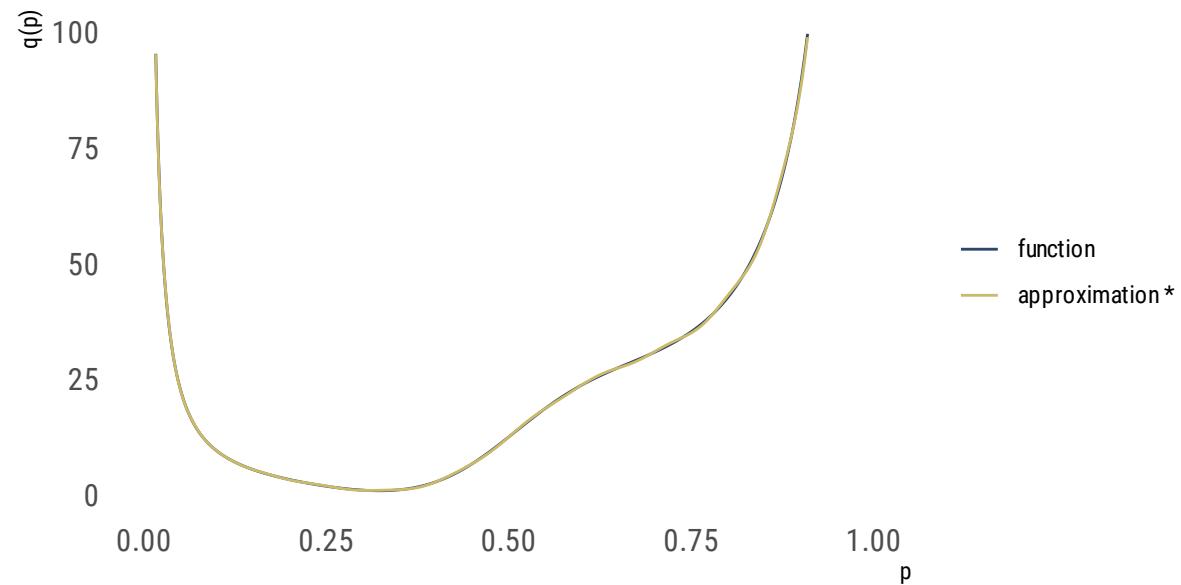**Valid quantile distribution**
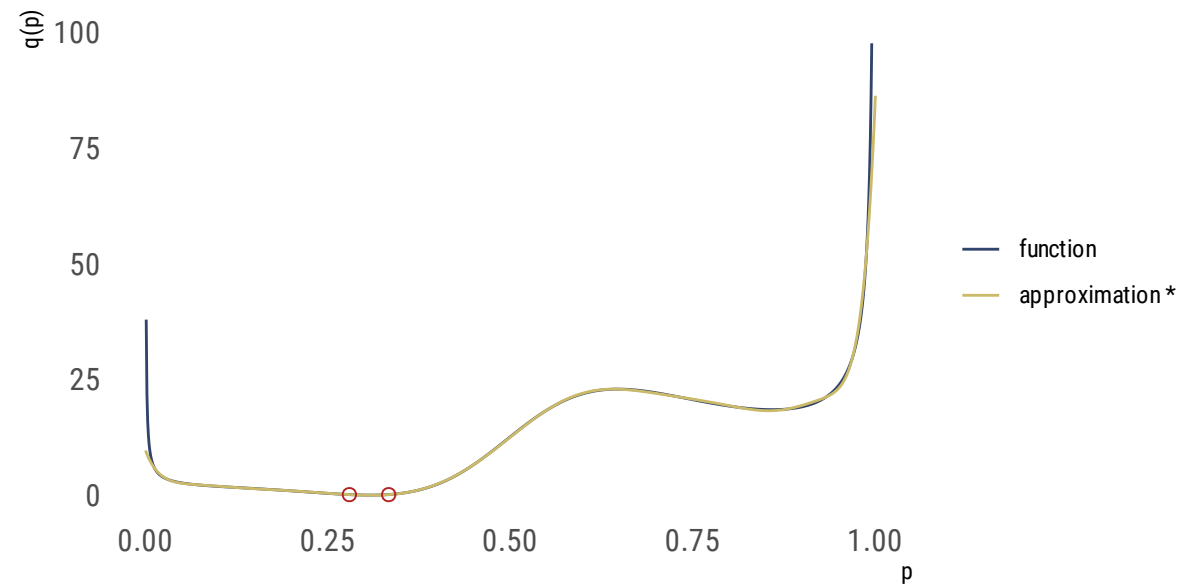
gnh(5, 5, 0.8, 5, 0.25)

* approximated with Chebyshev polynomial with n=30

Invalid quantile distribution

gnk(5, 5, 0.8, 5, -0.38)

* approximated with Chebyshev polynomial with n=15