

Solutions to Exercises from Chapter 12

1.1-. `rnorm()`.

1.2-. `rnorm(n, mean=2, sd=sqrt(10))` generates n realizations of a random variable with $\mathcal{N}(2, 10)$ distribution.

1.3-. `qchisq()`.

1.4-. `df()`.

1.5-. `qt()`.

1.6-. `pnorm(5, mean=2, sd=sqrt(2)) - pnorm(3, mean=2, sd=sqrt(2))`

1.7-. `qnorm(0.95)`