

1 Chapter 1

Some important functions in R

- `rnorm(n)`: generate n realisations of the normal distribution

- `rbinom(n)`

Multinomial Distribution

$$P(X_1 = x_1, \dots, X_r = x_r) = \binom{n}{x_1, \dots, x_r} \prod_{i=1}^r p_i^{x_i}$$