LLL Notes

Data generation

n = sampleSize #= 100 # number of observations in our simulation

east = runif(n) # create a location variable

north = runif(n) # create another location variable

x0 = rep(1, n) # create a vector of 1's to serve as the intercept column

x1 = runif(n) # create a vector for x1 values

x2 = runif(n) # create a vector for x2 values

error = rnorm(n, 0, .5) # create an error term

Coefficient generation

B0 <- east + north

B1 <- 3\*east - 2\*north

B2 <- 2\*east - 3\*north