> l <- 6

> j <- 6

> m <- 8

> l\_loss <- 0

> j\_loss <- 0

> m\_loss <- 0

> count <- 0

> for (i in 1:2000) {

+ while (l > 0 & j > 0 & m > 0) {

+ a <- sample(1:6, 1)

+ if (a==1) {

+ l <- l + 1

+ m <- m - 1

+ m\_loss <- m\_loss + 1

+ count <- count + 1

+ print("Louis is first, Jungbin is second, and Min is third")

+ } else if (a==2) {

+ l <- l + 1

+ j <- j - 1

+ j\_loss <- j\_loss + 1

+ count <- count + 1

+ print("Louis is first, Min is second, and Jungbin is third")

+ } else if (a==3) {

+ j <- j + 1

+ m <- m - 1

+ m\_loss <- m\_loss + 1

+ count <- count + 1

+ print("Jungbin is first, Louis is second, and Min is third")

+ } else if (a==4) {

+ m <- m + 1

+ j <- j - 1

+ j\_loss <- j\_loss + 1

+ count <- count + 1

+ print("Min is first, Louis is second, and Jungbin is third")

+ } else if (a==5) {

+ j <- j + 1

+ l <- l - 1

+ l\_loss <- l\_loss + 1

+ count <- count + 1

+ print("Jungbin is first, Min is second, and Louis is third")

+ } else {

+ m <- m + 1

+ l <- l - 1

+ l\_loss <- l\_loss + 1

+ count <- count + 1

+ print("Min is first, Jungbin is second, and Louis is third")

+ }

+ }

+ }

[1] "Min is first, Jungbin is second, and Louis is third"

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> rel\_freq <- l\_loss/count

> rel\_freq

[1] 0.3050847