An example of an R script that a user can copy to call the *calc\_IEU* function and save the output files:

## Load library

library("Luminescence")

## Input data

setwd("C:/Users/Documents/R/EXAMPLE")

data <- read.table("Example.txt", header = F)

## Calculate the IEU model

pdf(paste0("IEU\_Plots.pdf"))

IEU <- calc\_IEU(data = data, a = 0.30, b = 0.01, interval = 5, trace = FALSE, verbose = TRUE, plot = TRUE)

dev.off()

## Write tables

tables <- get\_RLum.Results(IEU, "tables")

for(i in seq\_along(tables)) {

write.table(tables[[i]], file = paste0(names(tables)[i], ".txt"))

}