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Analyses were conducted using the R Statistical language (version 4.1.2; R Core Team, 2021) on Windows 10 x64 (build 22000). Code is available at <https://github.com/Minh-AnhHuynh/Osteosarcoma-Project>.

Code philosophy follows “The tidyverse style guide” written by Hadley Wickham. and usage of tidyverse functions, in order to ensure consistent code readability, usage and naming.

```
tpm_function <- function(counts, len) {
  x <- counts / len
  return(t(t(x) * 1e6 / colSums(x)))
}

##
## The 'cran_repo' argument in shelf() was not set, so it will use
## cran_repo = 'https://cran.r-project.org' by default.
##
## To avoid this message, set the 'cran_repo' argument to a CRAN
## mirror URL (see https://cran.r-project.org/mirrors.html) or set
## 'quiet = TRUE'.

## - Session info -----
## setting value
## version R version 4.2.0 (2022-04-22 ucrt)
## os Windows 10 x64 (build 22000)
## system x86_64, mingw32
## ui RTerm
## language (EN)
## collate French_France.utf8
## ctype French_France.utf8
## tz Europe/Paris
## date 2022-06-22
## pandoc 2.17.1.1 @ C:/Program Files/RStudio/bin/quarto/bin/ (via rmarkdown)
##
## - Packages -----
## package * version date (UTC) lib source
## librarian * 1.8.1 2021-07-12 [1] CRAN (R 4.2.0)
## sessioninfo * 1.2.2 2021-12-06 [1] CRAN (R 4.2.0)
##
## [1] C:/Users/Minh-Anh/AppData/Local/R/win-library/4.2
## [2] C:/Program Files/R/R-4.2.0/library
##
## -----
```