

SESSION 2 – INTRODUCTION TO R

ASSIGNMENT 2.3

Date: 21st November 2018

1. How to Import SAS XPORT Files into R With The foreign package

```
library(foreign)
## Not run: ## no XPORT file is installed
read.xport("vb.xpt")
```

2. How to Import SAS Files into R With The haven Package?

The easiest way to get haven is to install the whole tidyverse:

```
install.packages("tidyverse")
```

Alternatively, install just haven:

```
install.packages("haven")
```

```
library(haven)
```

```
read_sas("mtcars.sas7bdat")
```

```
write_sas(mtcars, "mtcars.sas7bdat")
```

3. How to read Weka Attribute-Relation File Format (ARFF) files in R?

```
install.packages("RWeka")
```

```
library(RWeka)
```

```
read.arff(system.file("arff", "contact-lenses.arff"))
```

4. How to read a heavy csv/tsv file using readr package?

```
install.packages("readr")  
library("readr")  
# Read comma (",") separated values  
read_csv(file, col_names = TRUE)  
# Read semicolon (";") separated values  
read_csv2(file, col_names = TRUE)  
# Read tab separated values  
read_tsv(file, col_names = TRUE)
```