# List of R commands introduced in Tutorials

## Week1

|  |  |  |
| --- | --- | --- |
| Function | Package | Comments |
| data | utils |  |
| View | utils |  |
| write.csv | utils |  |
| read.csv | utils |  |
| head | utils |  |
| class | base |  |
| lapply | base |  |
| as.character | base |  |
| read\_csv | readr |  |
| read\_population | gstudio |  |
| df2genind | adegenet |  |
| dim | base |  |

## Week2

|  |  |  |
| --- | --- | --- |
| Function | Package | Comments |
| %>% | dplyr |  |
| group\_by | dplyr |  |
| summarize | dplyr |  |
| n | dplyr |  |
| filter | dplyr |  |
| left\_join | dplyr |  |
| ==, >, <= | base |  |
| != | base |  |
| sum | base |  |
| merge | base |  |
| names | base |  |
| slotNames | methods |  |
| coordinates | sp |  |
| proj4string | sp |  |
| bubble | sp |  |
| extract | raster |  |

## Week3

|  |  |  |
| --- | --- | --- |
| Function | Package | Comments |
| table | base |  |
| range | base |  |
| split | base |  |
| length | base |  |
| nrow | base |  |
| sapply | base |  |
| matrix | base |  |
| dimnames | base |  |
| Reduce | base |  |
| rbind, cbind | base |  |
| list | base |  |
| t | base |  |
| [ , ] | base |  |
| is.na | base |  |
| != | base |  |
| seppop | adegenet |  |
| propTyped | adegenet |  |
| apply | base |  |
| mean | base |  |