

Assignment 1

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library(tidyverse)

## -- Attaching packages ----

## v ggplot2 3.1.0      v purrr   0.3.0
## v tibble   2.0.1      v dplyr    0.8.0.1
## v tidyverse 0.8.2     v stringr  1.4.0
## v readr    1.3.1      vforcats  0.4.0

## Warning: package 'tibble' was built under R version 3.5.2
## Warning: package 'readr' was built under R version 3.5.2
## Warning: package 'purrr' was built under R version 3.5.2
## Warning: package 'dplyr' was built under R version 3.5.2
## Warning: package 'stringr' was built under R version 3.5.2
## Warning: package 'forcats' was built under R version 3.5.2

## -- Conflicts ----
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()    masks stats::lag()

t1 = read_csv("../data/table_1.csv")

## Parsed with column specification:
## cols(
##   rank = col_double(),
##   country = col_character(),
##   invasion_threat = col_double()
## )

t2 = read_csv("../data/table_2.csv")

## Parsed with column specification:
## cols(
##   country = col_character(),
##   invasion_cost = col_double(),
##   rank = col_double()
## )

t3 = read_csv("../data/table_3.csv")

## Parsed with column specification:
## cols(
##   country = col_character(),
##   invasion_cost = col_double(),
##   gdp_mean = col_double(),
##   gdp_proportion = col_double(),
##   rank = col_double()
## )
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t4 = read_csv("../data/table_4.csv")

## Parsed with column specification:
## cols(
##   country = col_character(),
##   invasion_cost = col_double(),
##   rank = col_double()
## )

t6 = read_csv("../data/table_6.csv")

## Parsed with column specification:
## cols(
##   species = col_character(),
##   max_impact_percent = col_double(),
##   rank = col_double()
## )

t1;t2;t3;t4;t6

## # A tibble: 124 x 3
##       rank country      invasion_threat
##   <dbl> <chr>          <dbl>
## 1     1 Mongolia        0.992
## 2     2 Guinea-Bissau  0.990
## 3     3 Nepal           0.986
## 4     4 Bangladesh      0.980
## 5     5 Cambodia         0.969
## 6     6 Denmark          0.966
## 7     7 Albania          0.963
## 8     8 Chile             0.961
## 9     9 Mauritius        0.960
## 10    10 Vietnam          0.954
## # ... with 114 more rows

## # A tibble: 124 x 3
##   country invasion_cost   rank
##   <chr>      <dbl> <dbl>
## 1 China      117290000000  1
## 2 USA        70381000000  2
## 3 Brazil     33760000000  3
## 4 India      33065000000  4
## 5 Japan      23490000000  5
## 6 Korea      14349000000  6
## 7 Turkey     13267000000  7
## 8 Argentina  13204000000  8
## 9 France     12532000000  9
## 10 Mexico    11277000000  10
## # ... with 114 more rows

## # A tibble: 124 x 5
##   country invasion_cost gdp_mean gdp_proportion   rank
##   <chr>      <dbl>      <dbl>          <dbl> <dbl>
## 1 Malawi     1071000000 30000000000 0.357      1
## 2 Burundi    398000000 11210000000 0.355      2
## 3 Guinea     978000000 33800000000 0.289      3

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## 4 Guinea          114000000 513000000 0.223 4
## 5 Mozambique     1218000000 6423000000 0.190 5
## 6 Madagascar     1074000000 5842000000 0.184 6
## 7 Cambodia        1121000000 6487000000 0.173 7
## 8 Nepal           1411000000 8411000000 0.168 8
## 9 Laos            5080000000 3134000000 0.162 9
## 10 Ethiopia       2312000000 14344000000 0.161 10
## # ... with 114 more rows

## # A tibble: 124 x 3
##   country invasion_cost rank
##   <chr>          <dbl> <dbl>
## 1 China         222590000000  1
## 2 USA           181730000000  2
## 3 Japan          120750000000  3
## 4 Germany        85864000000  4
## 5 Italy          44228000000  5
## 6 France         38159000000  6
## 7 Korea          37620000000  7
## 8 India          36913000000  8
## 9 Russian        34336000000  9
## 10 United        25670000000 10
## # ... with 114 more rows

## # A tibble: 140 x 3
##   species          max_impact_percent rank
##   <chr>          <dbl> <dbl>
## 1 Apiognomonia veneta      0     1
## 2 Atherigona miliaceae    0.3    2
## 3 Cryptophlebia illepida   4     3
## 4 Conogethes punctiferalis 5     4
## 5 Dysaphis plantaginea    5.2    5
## 6 Bathycocelia thalassina  9     6
## 7 Amrasca biguttula biguttula 9.2    7
## 8 Apiosporina morbosa     10    8
## 9 Argyrotaenia citrana    10    9
## 10 Ascochyta sorghi      10    10
## # ... with 130 more rows

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