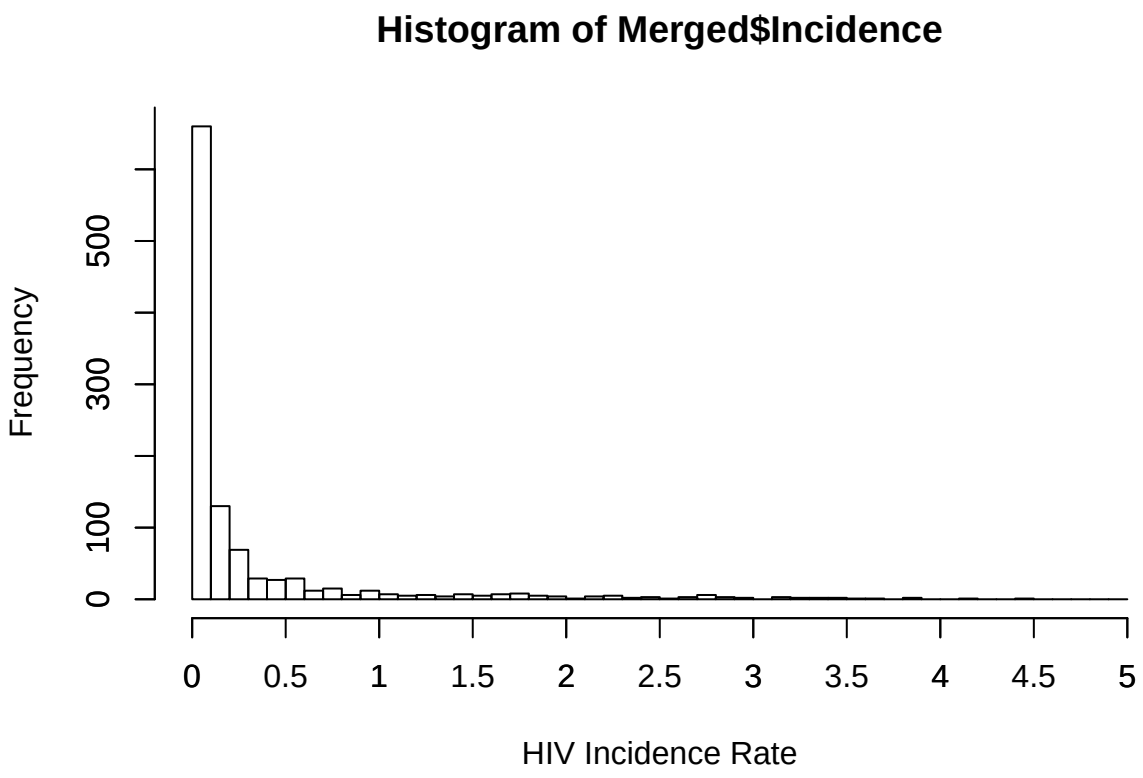
Collaborative Research Project - Assignment 3

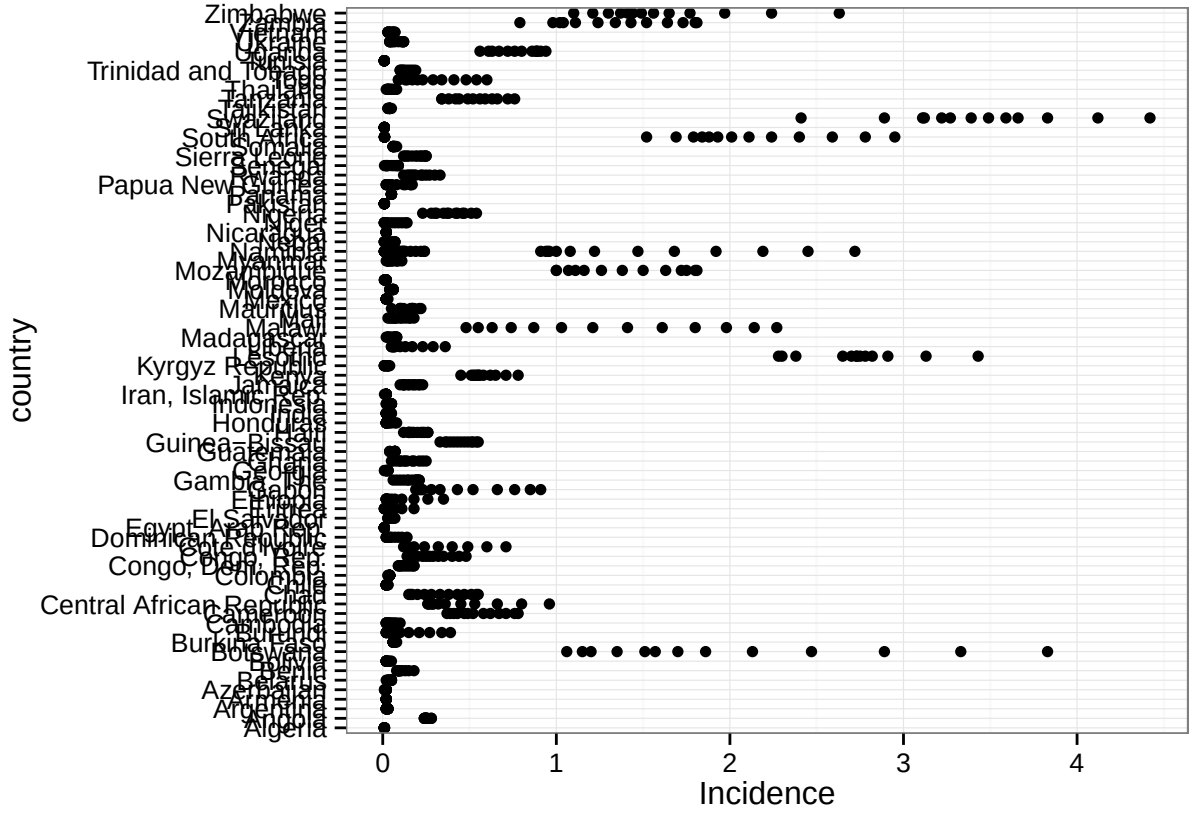
24 October 2014

Contents

```
## 'data.frame':    1092 obs. of  45 variables:
##  $ X              : int  1 2 3 4 5 6 7 8 9 10 ...
##  $ iso2c          : Factor w/ 75 levels "AM","AO","AR",..: 1 1 1 1 1 1 1 1 1 1 ...
##  $ year           : int  2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 ...
##  $ country        : Factor w/ 76 levels "Algeria","Angola",..: 4 4 4 4 4 4 4 4 4 4 ...
##  $ GDP            : num  2.75e+09 3.02e+09 3.42e+09 3.90e+09 4.30e+09 ...
##  $ GDPpc          : num  2919 3214 3654 4182 4635 ...
##  $ Rural          : num  35.3 35.6 35.7 35.8 35.8 ...
##  $ CO2            : num  1.127 1.158 0.999 1.129 1.205 ...
##  $ HCexpend       : num  6.25 5.94 5.4 5.56 5.5 ...
##  $ Water          : num  92.6 93.1 93.7 94.3 94.9 95.5 96.1 96.7 97.3 98 ...
##  $ Sanitation     : num  88.9 89 89.2 89.3 89.4 89.6 89.7 89.8 90 90.1 ...
##  $ Unemploym      : num  24.7 35.9 27.8 28.6 32.3 ...
##  $ Primary        : num  98.5 102.2 95.6 94.3 94.6 ...
##  $ HCexpendpc     : num  38.9 41.1 42.1 51.4 65 ...
##  $ FemUnempl      : num  29 40.1 33.8 35.2 36.3 ...
##  $ FemSchool      : num  98.3 103.1 96.5 96 97.4 ...
##  $ LifeExpect     : num  71.3 71.8 72.2 72.6 73 ...
##  $ DPT            : int  93 94 94 94 91 90 87 88 89 93 ...
##  $ Measles        : int  92 93 91 94 92 94 92 92 94 96 ...
##  $ Population     : num  3076098 3059960 3047002 3036032 3025652 ...
##  $ iso3c          : Factor w/ 76 levels "AGO","ARG","ARM",..: 3 3 3 3 3 3 3 3 3 3 ...
##  $ region         : Factor w/ 6 levels "East Asia & Pacific (all income levels)",..: 2 2 2 2 2 2 2 2
##  $ capital        : int  210 210 210 210 210 210 210 210 210 210 ...
##  $ longitude      : int  175 175 175 175 175 175 175 175 175 175 ...
##  $ latitude       : int  141 141 141 141 141 141 141 141 141 141 ...
##  $ income         : int  5 5 5 5 5 5 5 5 5 5 ...
##  $ lending        : int  2 2 2 2 2 2 2 2 2 2 ...
##  $ GDPdummy       : int  1 1 1 1 1 1 1 1 1 1 ...
##  $ GDPpcdummy     : int  1 1 1 1 1 1 1 1 1 1 ...
##  $ Ruraldummy     : int  1 1 1 1 1 1 1 1 1 1 ...
##  $ CO2dummy       : int  1 1 1 1 1 1 1 1 1 1 ...
##  $ HCexpenddummy  : int  1 1 1 1 1 1 1 1 1 1 ...
##  $ Waterdummy     : int  1 1 1 1 1 1 1 1 1 1 ...
##  $ Sanitationdummy: int  1 1 1 1 1 1 1 1 1 1 ...
##  $ Unemploymdummy : int  1 1 1 1 1 1 1 1 1 1 ...
##  $ Primarydummy   : int  1 1 1 1 1 1 1 1 1 1 ...
##  $ FemUnempldummy : int  1 1 1 1 1 1 1 1 1 1 ...
##  $ FemSchooldummy : int  1 1 1 1 1 1 1 1 1 1 ...
##  $ LifeExpectdummy: int  1 1 1 1 1 1 1 1 1 1 ...
##  $ DPTdummy       : int  1 1 1 1 1 1 1 1 1 1 ...
##  $ Measlesdummy   : int  1 1 1 1 1 1 1 1 1 1 ...
##  $ DummySum       : int  14 14 14 14 14 14 14 14 14 14 ...
##  $ Country        : Factor w/ 84 levels "Algeria","Angola",..: 4 4 4 4 4 4 4 4 4 4 ...
##  $ Incidence      : num  0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 ...
##  $ dummy          : int  0 0 0 0 0 0 0 0 0 0 ...
```

```
## Warning in title(main = main, sub = sub, xlab = xlab, ylab = ylab, ...):
## "fig.width" is not a graphical parameter

## Warning in title(main = main, sub = sub, xlab = xlab, ylab = ylab, ...):
## "fig.height" is not a graphical parameter

## Warning in axis(1, ...): "fig.width" is not a graphical parameter

## Warning in axis(1, ...): "fig.height" is not a graphical parameter

## Warning in axis(2, ...): "fig.width" is not a graphical parameter

## Warning in axis(2, ...): "fig.height" is not a graphical parameter
```




country
Incidence
0
1
2
3
4
Zimbabwe
Trinidad and Tobago
Papua New Guinea
Kyrgyz Republic
Iran, Islamic Rep.
Guinea-Bissau
Gambia, The
El Salvador
Egypt, Arab Rep.
Congo, Dem. Rep.
Central African Republic
Burkina Faso
Algeria