

Your Document Title

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14 April, 2024

R Markdown

```
## Registered S3 method overwritten by 'GGally':
##   method from
##   +.gg      ggplot2

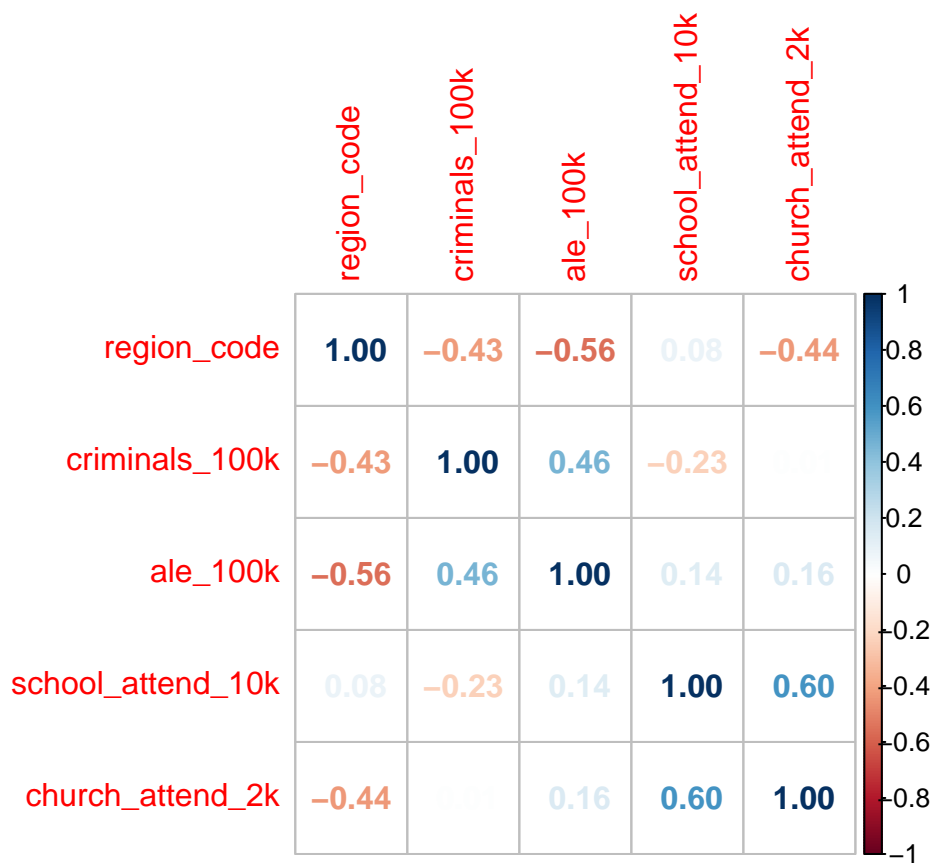
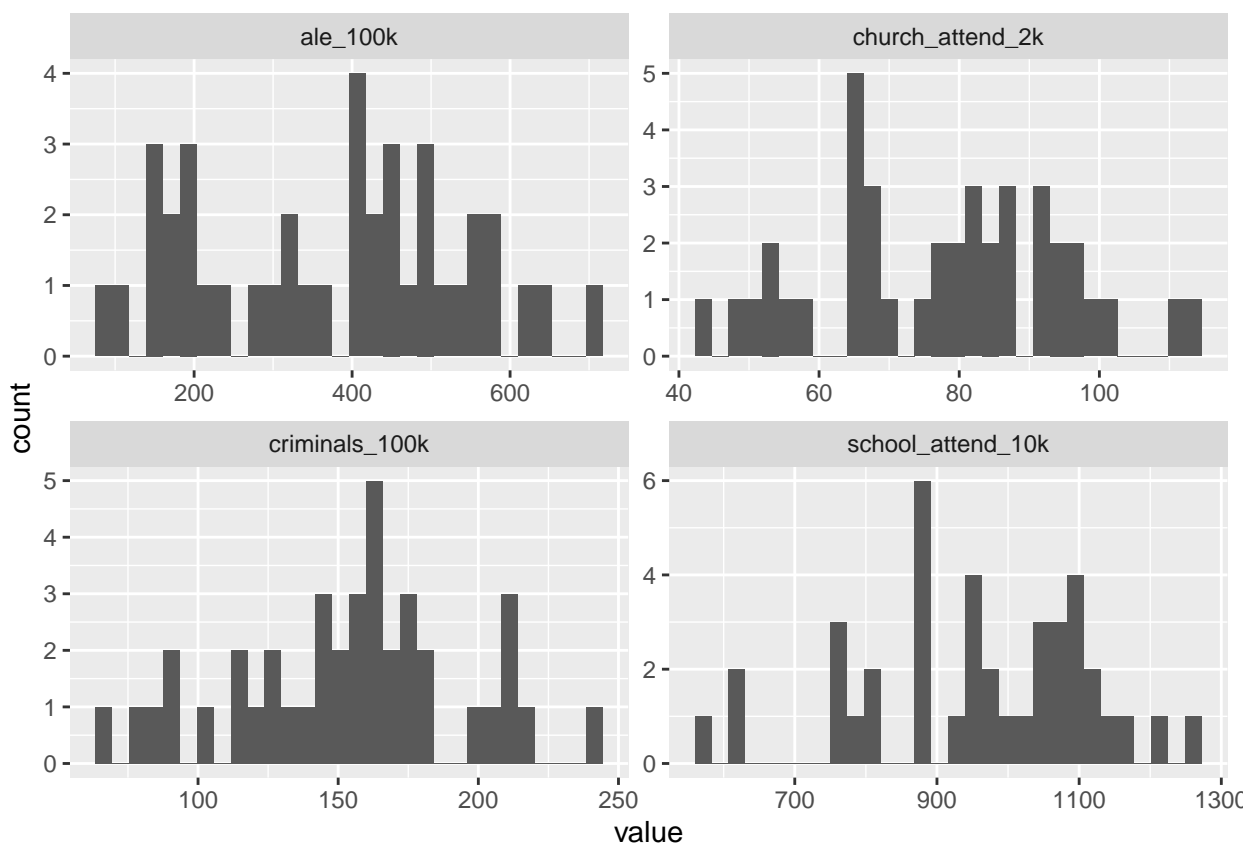
## -- Attaching core tidyverse packages ----- tidyverse 2.0.0
## v dplyr      1.1.3      v readr      2.1.4
## v forcats    1.0.0      v stringr    1.5.0
## v lubridate  1.9.3      v tibble     3.2.1
## v purrr      1.0.2      v tidyr      1.3.0
## corrrplot 0.92 loaded
##
## Loading required package: gridExtra
##
## [conflicted] Will prefer dplyr::filter over any other package.
## [conflicted] Will prefer dplyr::lag over any other package.
##
## First few data elements:
##
## 'data.frame':   40 obs. of  7 variables:
##  $ county      : chr  "Middlesex" "Surrey" "Kent" "Sussex" ...
##  $ region_name  : chr  "SouthEastern" "SouthEastern" "SouthEastern" "S"
##  $ region_code  : int   1 1 1 1 1 1 1 1 1 1 ...
##  $ criminals_100k : int   200 160 160 147 178 205 183 156 173 132 ...
##  $ ale_100k      : int   541 504 552 295 409 568 708 624 463 408 ...
##  $ school_attend_10k: int   560 630 790 820 990 930 1020 1130 950 1090 ...
##  $ church_attend_2k : int    43 48 68 67 79 69 88 97 84 97 ...
##
##      county region_name region_code criminals_100k ale_100k school_attend_10k
## 1 Middlesex SouthEastern      1          200          541
## 2  Surrey SouthEastern      1          160          504
## 3    Kent SouthEastern      1          160          552
## 4  Sussex SouthEastern      1          147          295
## 5    Hants SouthEastern      1          178          409
```

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## 6      Berks SouthEastern      1      205      568
## church_attend_2k
## 1      43
## 2      48
## 3      68
## 4      67
## 5      79
## 6      69

## Data summary:

##      county      region_name      region_code      criminals_100k
## Length:40      Length:40      Min.      :1.00      Min.      : 66.0
## Class :character Class :character 1st Qu.:1.00      1st Qu.:127.0
## Mode  :character Mode  :character Median :3.00      Median :157.5
##                                     Mean  :3.45      Mean  :152.9
##                                     3rd Qu.:5.00      3rd Qu.:174.2
##                                     Max.  :8.00      Max.  :241.0
##      ale_100k      school_attend_10k church_attend_2k
## Min.      : 87.0      Min.      : 560.0      Min.      : 43.0
## 1st Qu.:209.0      1st Qu.: 880.0      1st Qu.: 65.0
## Median :407.0      Median : 965.0      Median : 79.5
## Mean  :374.9      Mean  : 957.8      Mean  : 77.5
## 3rd Qu.:490.8      3rd Qu.:1082.5      3rd Qu.: 91.0
## Max.  :708.0      Max.  :1250.0      Max.  :113.0

## `stat_bin()` using `bins = 30`. Pick better value with `binwidth`.
```



```
## `geom_smooth()` using formula = 'y ~ x'
```

```
## `geom_smooth()` using formula = 'y ~ x'  
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```

