

IA Data by Schools (4) in AF Network

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Read in the data

```
UP <- read.csv(file="/Users/bcarancibia/DATA_eliza/UP.csv", head=TRUE, sep=",")
AMISTAD <- read.csv(file="/Users/bcarancibia/DATA_eliza/AMISTAD.csv", head=TRUE, sep=",")
HARTFORD <- read.csv(file="/Users/bcarancibia/DATA_eliza/HARTFORD.csv", head=TRUE, sep=",")
BHS <- read.csv(file="/Users/bcarancibia/DATA_eliza/BHS.csv", head=TRUE, sep=",")
```

Take a look at the summary information

`summary(UP)`

##	Scholar	Raw.Score..out.of.79.	Percentage
##	Min. : 1.0	Min. :10.0	Min. :12.66
##	1st Qu.:21.5	1st Qu.:33.5	1st Qu.:42.41
##	Median :42.0	Median :49.0	Median :62.03
##	Mean :42.0	Mean :45.9	Mean :58.11
##	3rd Qu.:62.5	3rd Qu.:58.0	3rd Qu.:73.42
##	Max. :83.0	Max. :72.0	Max. :91.14

`summary(AMISTAD)`

##	Scholar	Raw.Score..out.of.79.	Percentage
##	Min. : 1.0	Min. : 8.0	Min. :10.13
##	1st Qu.: 33.5	1st Qu.:38.5	1st Qu.:48.73
##	Median : 66.0	Median :54.0	Median :68.35
##	Mean : 66.0	Mean :50.0	Mean :63.29
##	3rd Qu.: 98.5	3rd Qu.:63.0	3rd Qu.:79.75
##	Max. :131.0	Max. :76.0	Max. :96.20

`summary(HARTFORD)`

##	Scholar	Raw.Score..out.of.79.	Percentage
##	Min. : 1.0	Min. : 9.00	Min. :11.39
##	1st Qu.:12.5	1st Qu.:34.50	1st Qu.:43.67
##	Median :24.0	Median :47.00	Median :59.49
##	Mean :24.0	Mean :47.36	Mean :60.41
##	3rd Qu.:35.5	3rd Qu.:63.00	3rd Qu.:80.38
##	Max. :47.0	Max. :77.00	Max. :97.47

`summary(BHS)`

##	Scholar	Raw.Score..out.of.79.	Percentage
##	Min. : 1.00	Min. :16.00	Min. :20.25
##	1st Qu.: 26.25	1st Qu.:41.00	1st Qu.:51.90

```
## Median : 51.50   Median :56.00   Median :70.89
## Mean   : 51.50   Mean    :52.37   Mean    :66.29
## 3rd Qu.: 76.75   3rd Qu.:64.75   3rd Qu.:81.96
## Max.   :102.00   Max.    :74.00   Max.    :93.67
```

The First column means nothing since it just a list of students.

Time to graph it

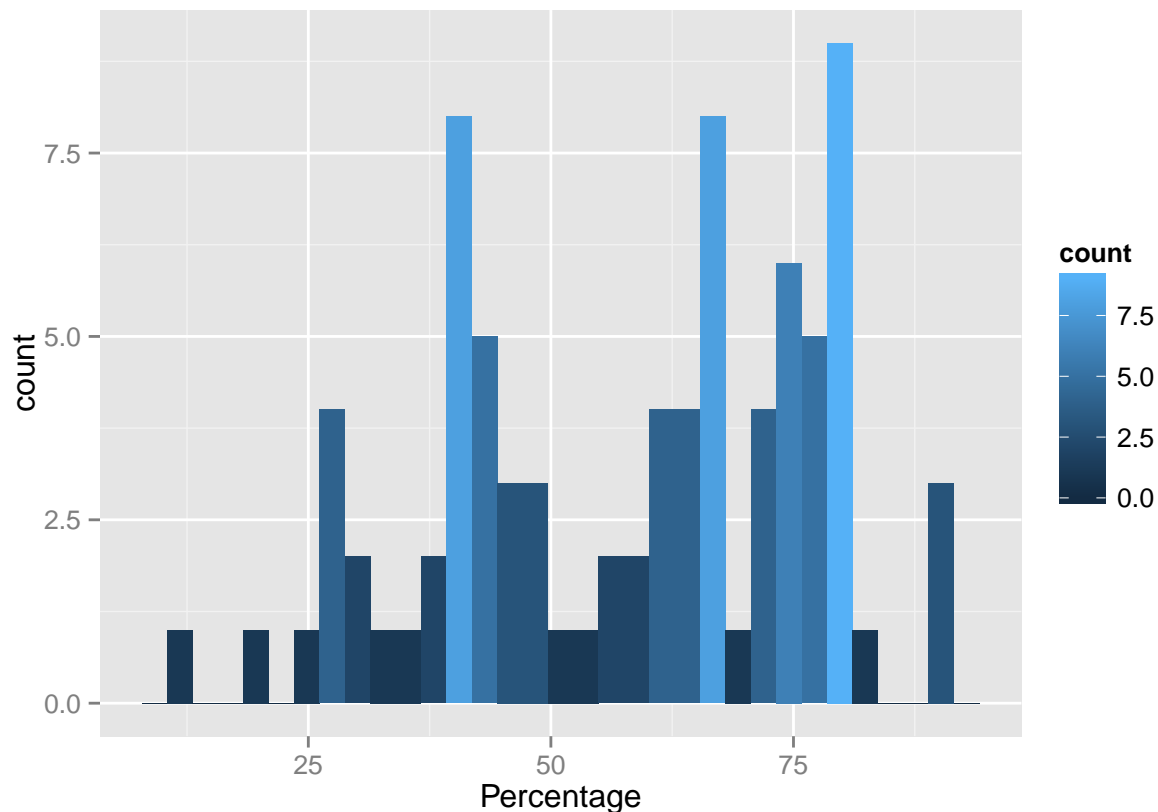
```
require(ggplot2)
```

```
## Loading required package: ggplot2
```

```
up_fig1 <- ggplot(UP, aes(x=Percentage)) + geom_histogram(aes(fill = ..count..))
amistad_fig1 <- ggplot(AMISTAD, aes(x=Percentage)) + geom_histogram(aes(fill = ..count..))
hartford_fig1 <- ggplot(HARTFORD, aes(x=Percentage)) + geom_histogram(aes(fill = ..count..))
bhs_fig1 <- ggplot(BHS, aes(x=Percentage)) + geom_histogram(aes(fill = ..count..))

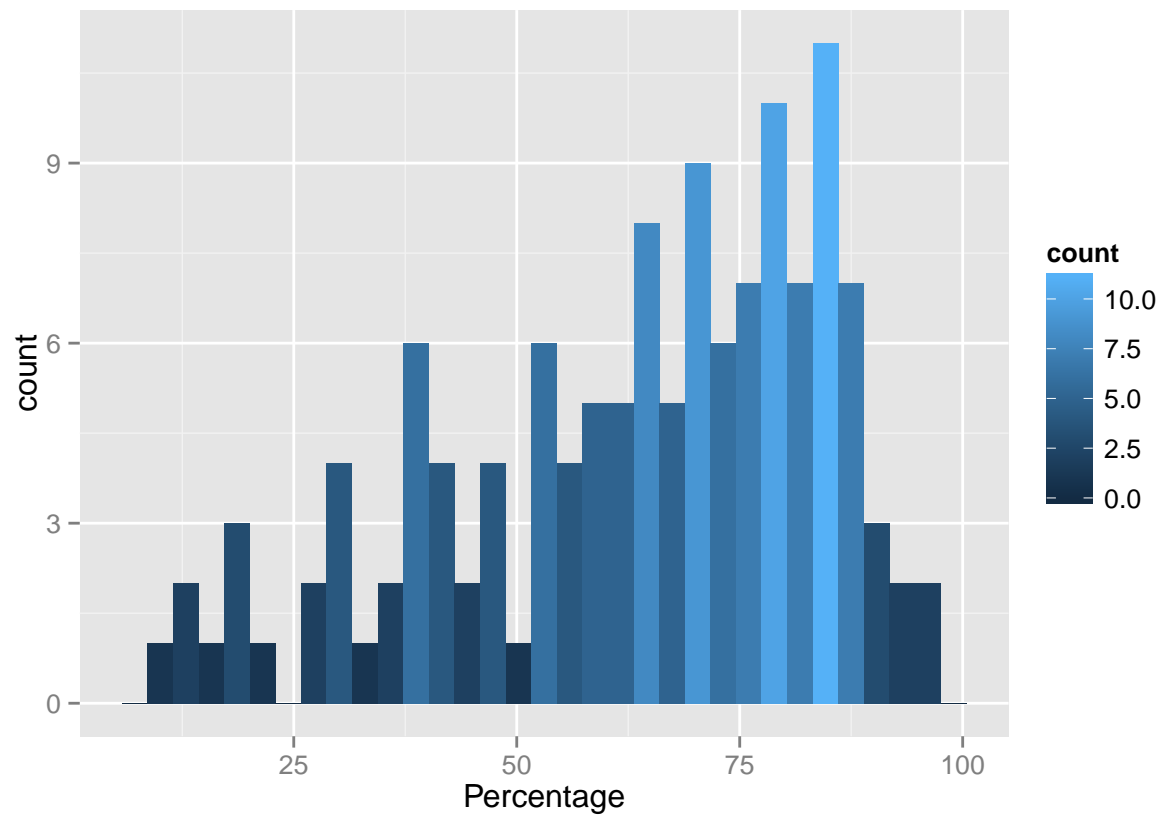
up_fig1
```

```
## stat_bin: binwidth defaulted to range/30. Use 'binwidth = x' to adjust this.
```



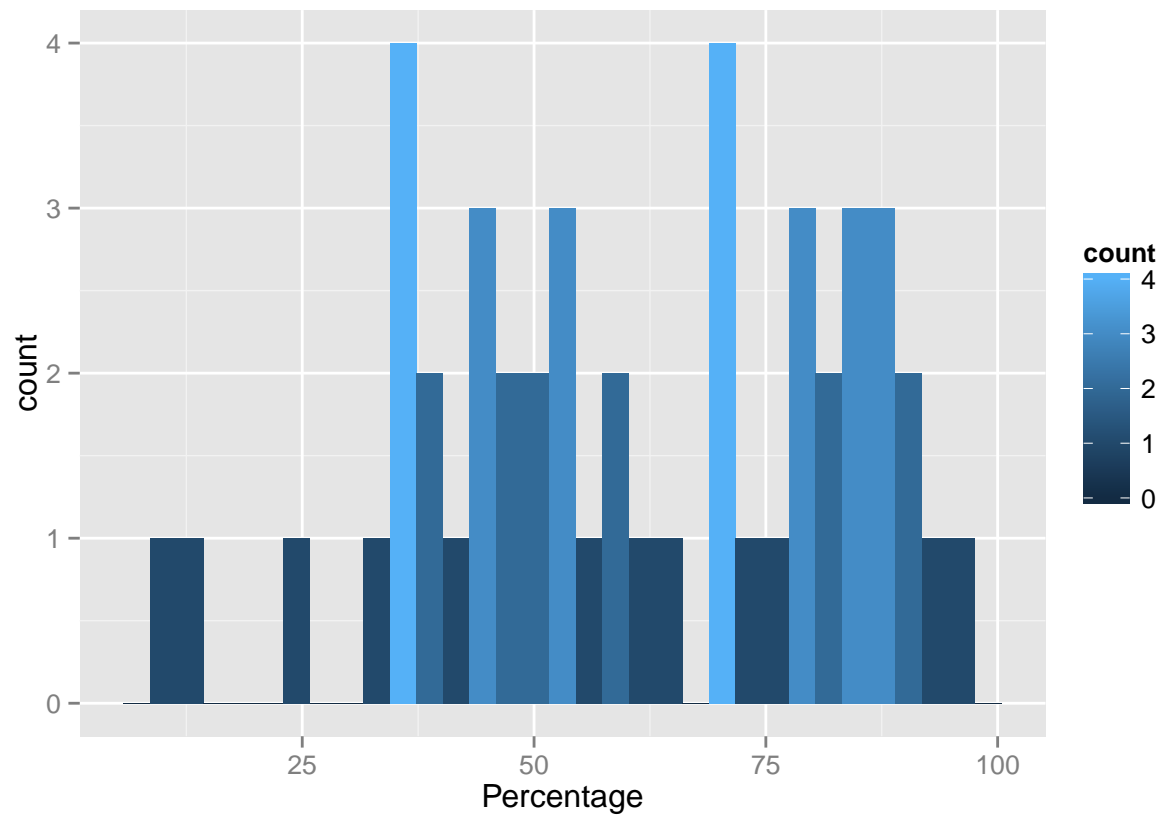
```
amistad_fig1
```

```
## stat_bin: binwidth defaulted to range/30. Use 'binwidth = x' to adjust this.
```



```
hartford_fig1
```

```
## stat_bin: binwidth defaulted to range/30. Use 'binwidth = x' to adjust this.
```



```
bhs_fig1
```

```
## stat_bin: binwidth defaulted to range/30. Use 'binwidth = x' to adjust this.
```

