```
geom_histogram()


geom_histogram(
  mapping = NULL,
  data = NULL,
  stat = "bin",
  position = "stack",
  ...,
  binwidth = NULL,
  bins = NULL,
  na.rm = FALSE,
  orientation = NA,
  show.legend = NA,
  inherit.aes = TRUE
)
```

Computed variables

count

number of points in bin

density

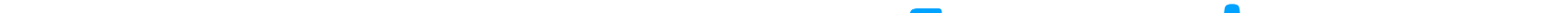
density of points in bin, scaled to integrate to 1

ncount

count, scaled to maximum of 1

ndensity

density, scaled to maximum of 1


aes(y=stat(density))

geom_histogram()

```
geom_histogram(
  mapping = NULL,
  data = NULL,
  stat = "bin",
  position = "stack",
  ...,
  binwidth = NULL,
  bins = NULL,
  na.rm = FALSE,
  orientation = NA,
  show.legend = NA,
  inherit.aes = TRUE
)
```

Computed variables

count
: number of points in bin

density
: density of points in bin, scaled to integrate to 1

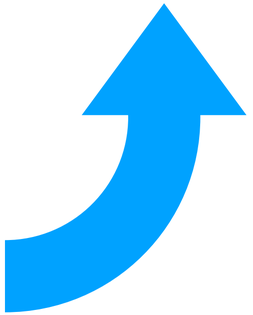
ncount
: count, scaled to maximum of 1

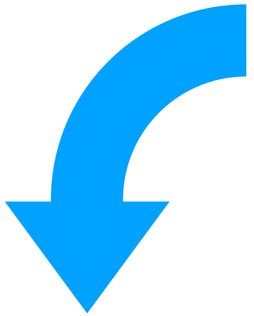
ndensity
: density, scaled to maximum of 1

```
aes(y=stat(density))
```

```
ggplot(mpg, aes(hwy)) +
  geom_histogram(bins=20, aes(y=stat(density)))
```

Function *Inside* `aes()`:
use a variable computed
by the stat





Argument *Outside* `aes()`:
which stat should be used

```
ggplot(mpg, aes(hwy)) +
  geom_histogram(stat="bin", bins=20)
```