Using Game Of Thrones Pallette in ggplot2 to perform area plots

This is an R Markdown Notebook. It is part of the personal portfolio of **Sebastian N:**

This script simply exemplifies how I used different color schemes of the **Game of Thrones** R package developed by Alejandro Jiménez. Although simple this script intends to show how these lovely colour schemes can be used in practice.

Access below link for

Full details of the package

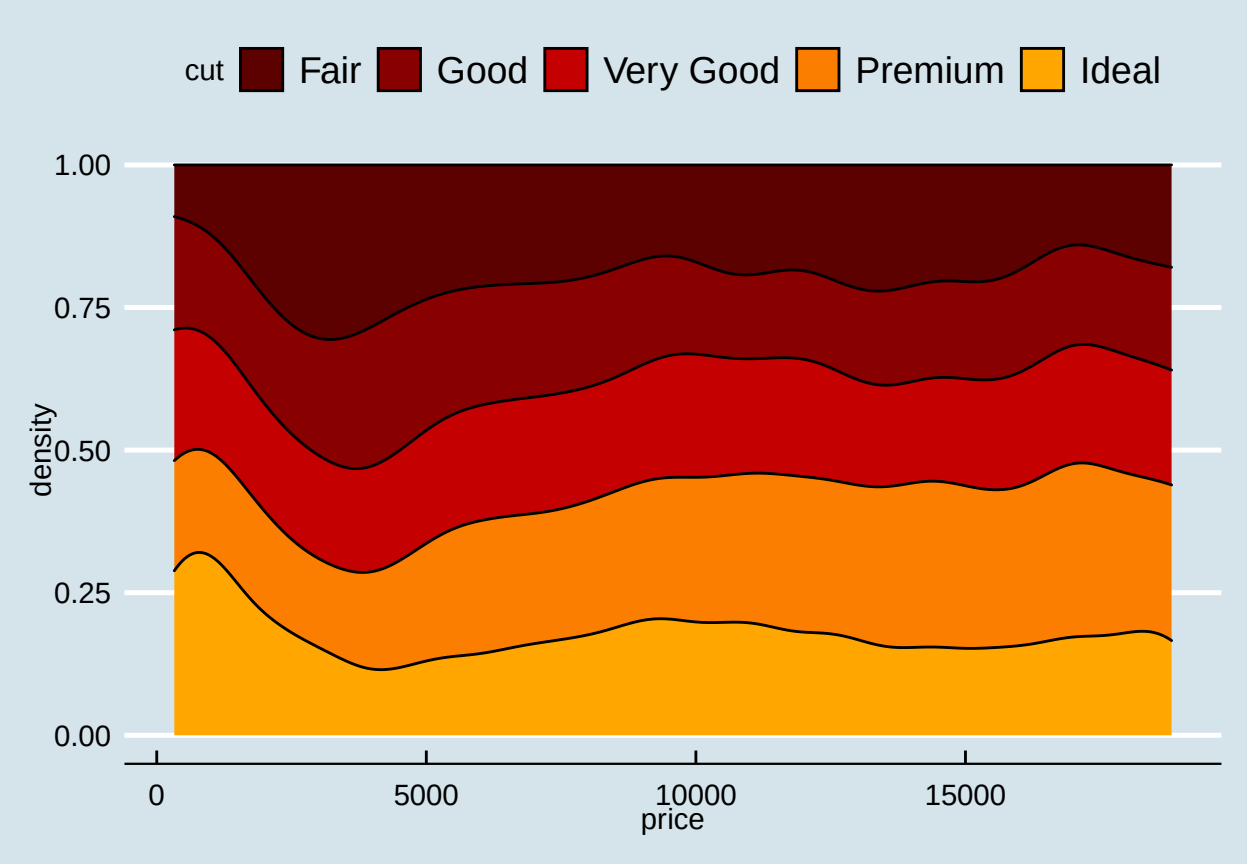
```
library (ggplot2)
library(gameofthrones)
library(RColorBrewer)
library(scales)
library(hexbin)
library(ggthemes)
```

```
diamonds
```

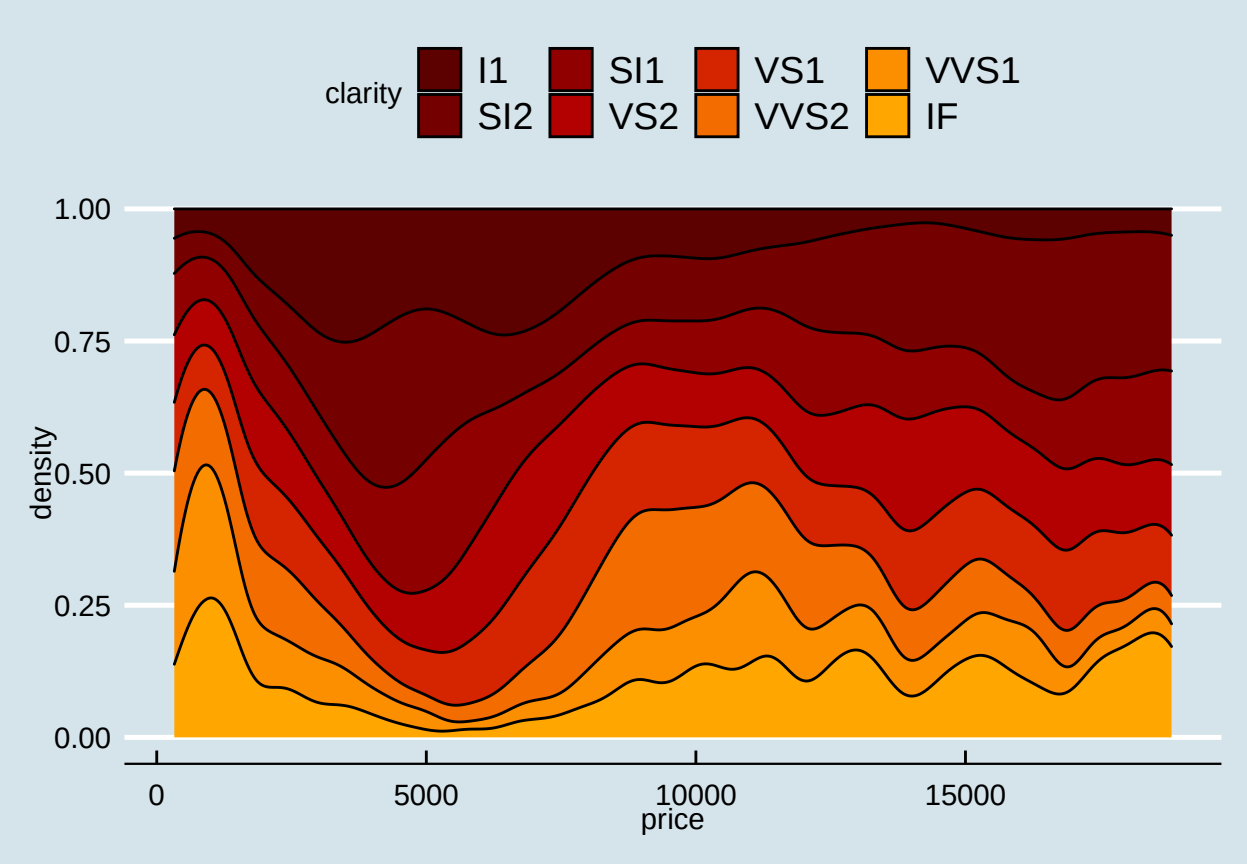
```
## # A tibble: 53,940 x 10
##    carat cut       color clarity depth table price     x     y     z
##    <dbl> <ord>     <ord> <ord>   <dbl> <dbl> <int> <dbl> <dbl> <dbl>
##  1 0.23  Ideal     E     SI2      61.5    55   326  3.95  3.98  2.43
##  2 0.21  Premium   E     SI1      59.8    61   326  3.89  3.84  2.31
##  3 0.23  Good      E     VS1      56.9    65   327  4.05  4.07  2.31
##  4 0.290 Premium   I     VS2      62.4    58   334  4.2   4.23  2.63
##  5 0.31  Good      J     SI2      63.3    58   335  4.34  4.35  2.75
##  6 0.24  Very Good J     VVS2     62.8    57   336  3.94  3.96  2.48
##  7 0.24  Very Good I     VVS1     62.3    57   336  3.95  3.98  2.47
##  8 0.26  Very Good H     SI1      61.9    55   337  4.07  4.11  2.53
##  9 0.22  Fair      E     VS2      65.1    61   337  3.87  3.78  2.49
## 10 0.23  Very Good H     VS1      59.4    61   338  4     4.05  2.39
## # ... with 53,930 more rows
```

Theme Lannister

```
# Stacked density plot:

p <- ggplot(data=diamonds, aes(x=price, group=cut, fill=cut)) + theme_economist()+
    geom_density(adjust=1.5, position="fill") +  scale_fill_got(discrete = TRUE, option = "Lannister")
p
```

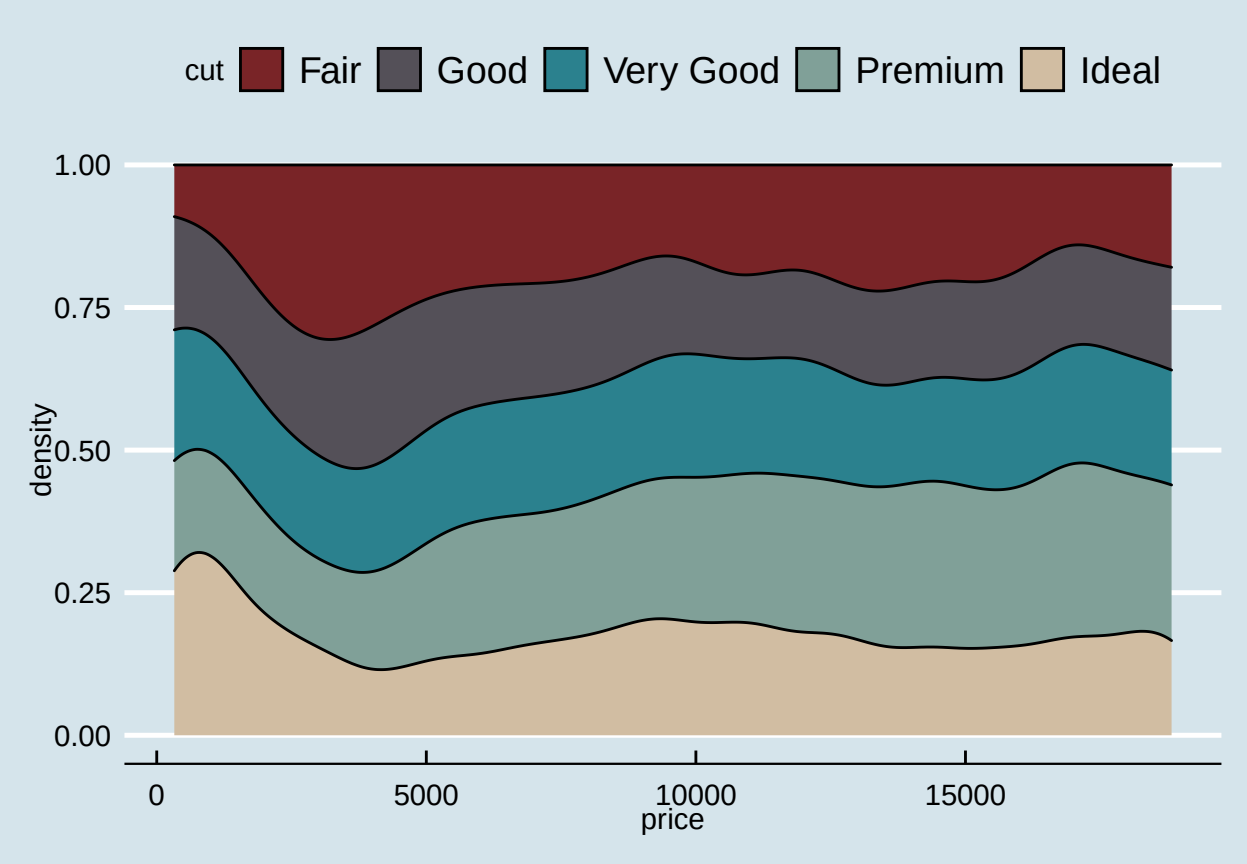



```
# Stacked density plot:

p <- ggplot(data=diamonds, aes(x=price, group=clarity, fill=clarity)) + theme_economist()+
    geom_density(adjust=1.5, position="fill") +  scale_fill_got(discrete = TRUE, option = "Lannister")
p
```



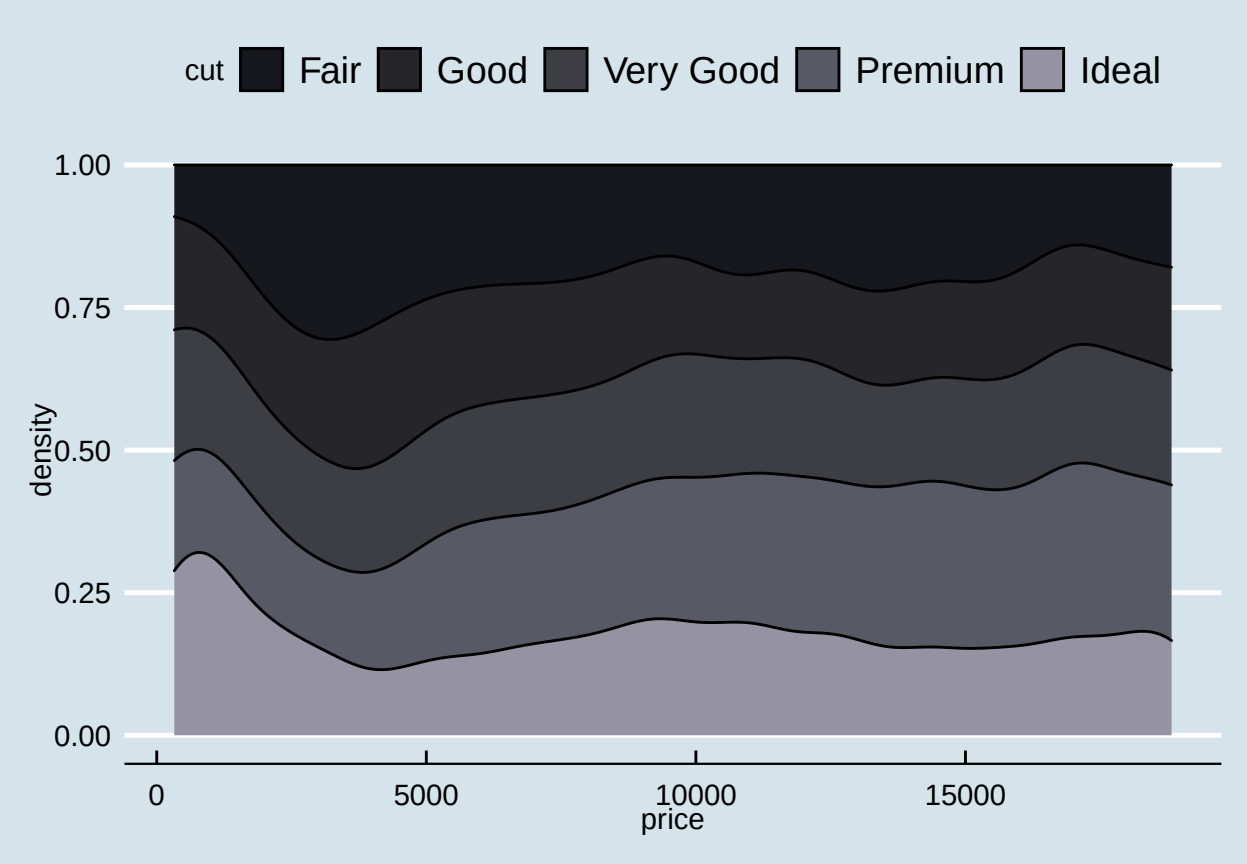
Theme Daenerys

```
# Stacked density plot:

p <- ggplot(data=diamonds, aes(x=price, group=cut, fill=cut))  + theme_economist()+
    geom_density(adjust=1.5, position="fill") +  scale_fill_got(discrete = TRUE, option = "Daenerys")
p
```



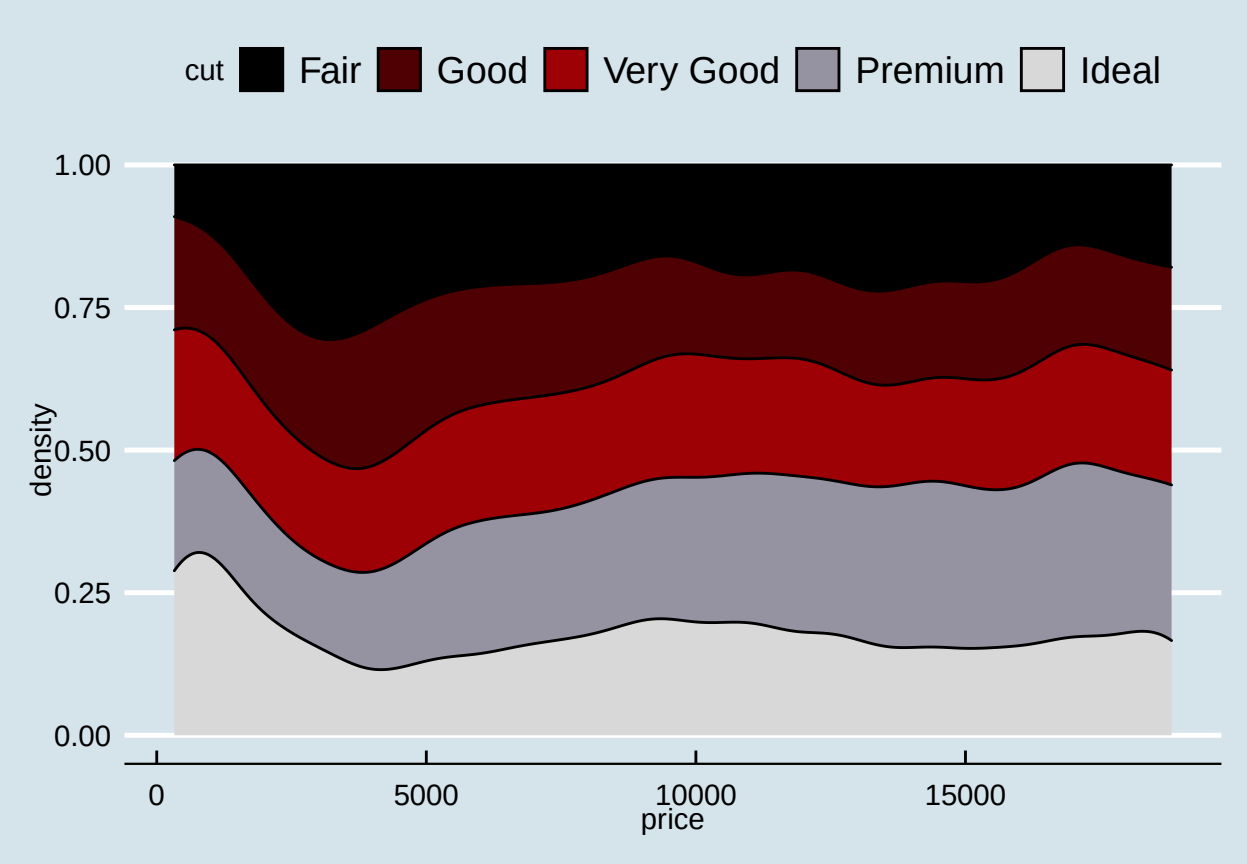
Theme Stark

```
# Stacked density plot:

p <- ggplot(data=diamonds, aes(x=price, group=cut, fill=cut))  + theme_economist()+
    geom_density(adjust=1.5, position="fill") +  scale_fill_got(discrete = TRUE, option = "Stark")
p
```



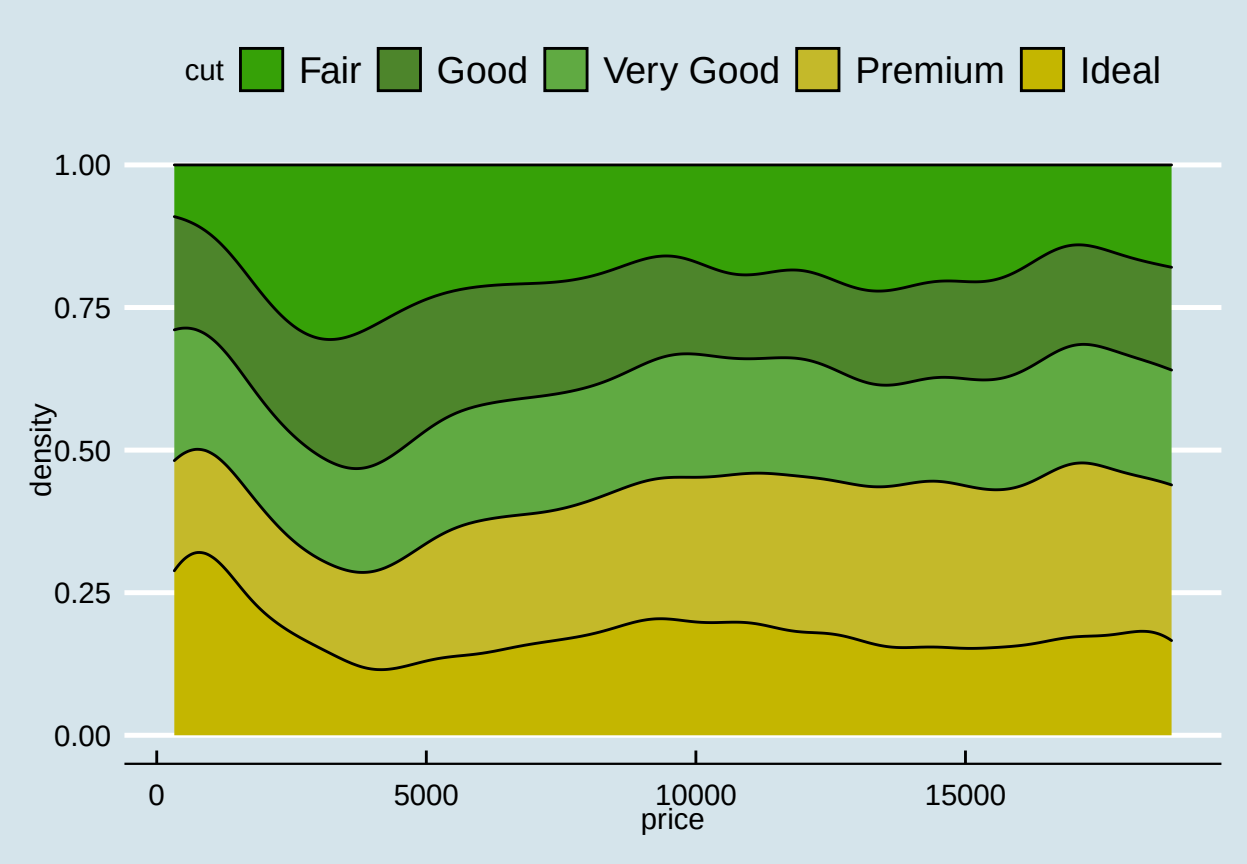
Theme Targaryen

```
# Stacked density plot:

p <- ggplot(data=diamonds, aes(x=price, group=cut, fill=cut)) + theme_economist()+
    geom_density(adjust=1.5, position="fill") +  scale_fill_got(discrete = TRUE, option = "targaryen")
p
```



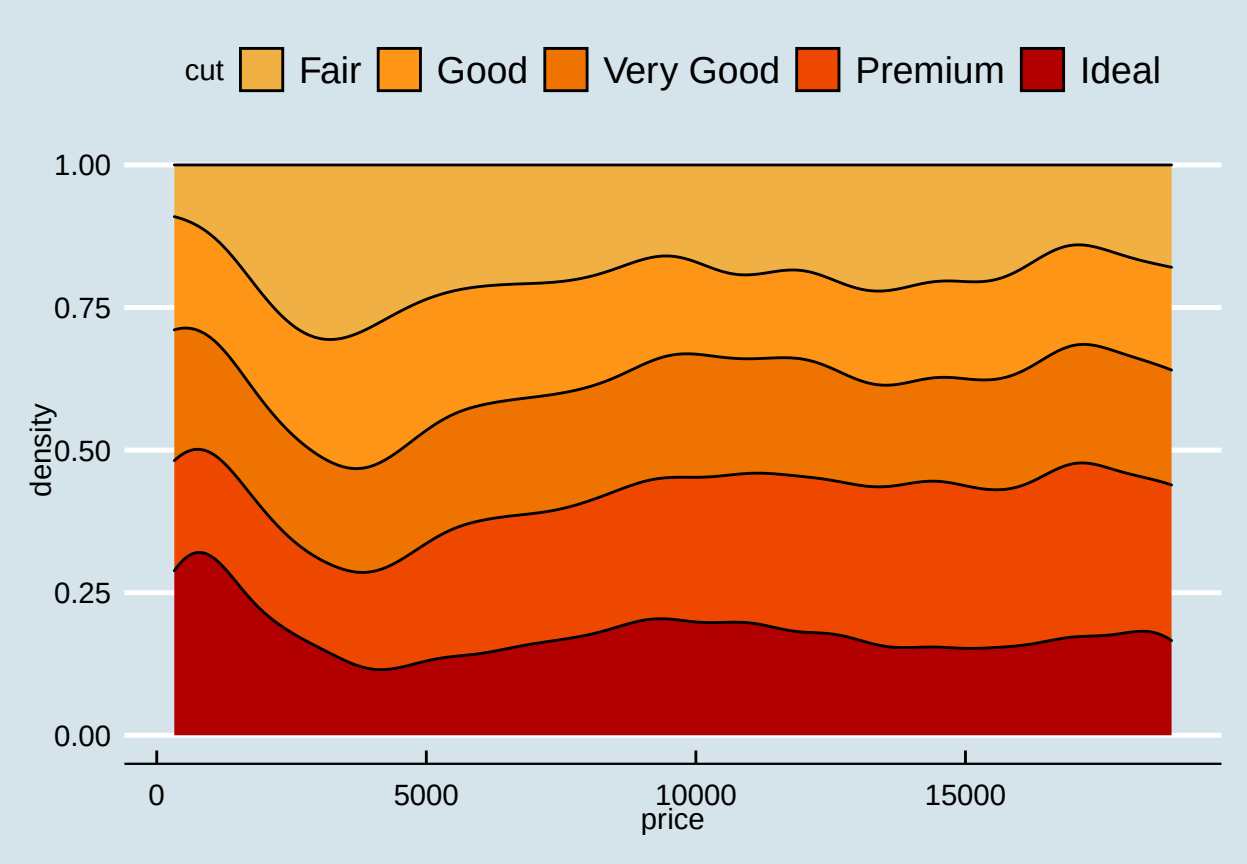
Theme Tyrell

```
# Stacked density plot:

p <- ggplot(data=diamonds, aes(x=price, group=cut, fill=cut)) + theme_economist()+
    geom_density(adjust=1.5, position="fill") +
    scale_fill_got(discrete = TRUE, option = "tyrell")
p
```



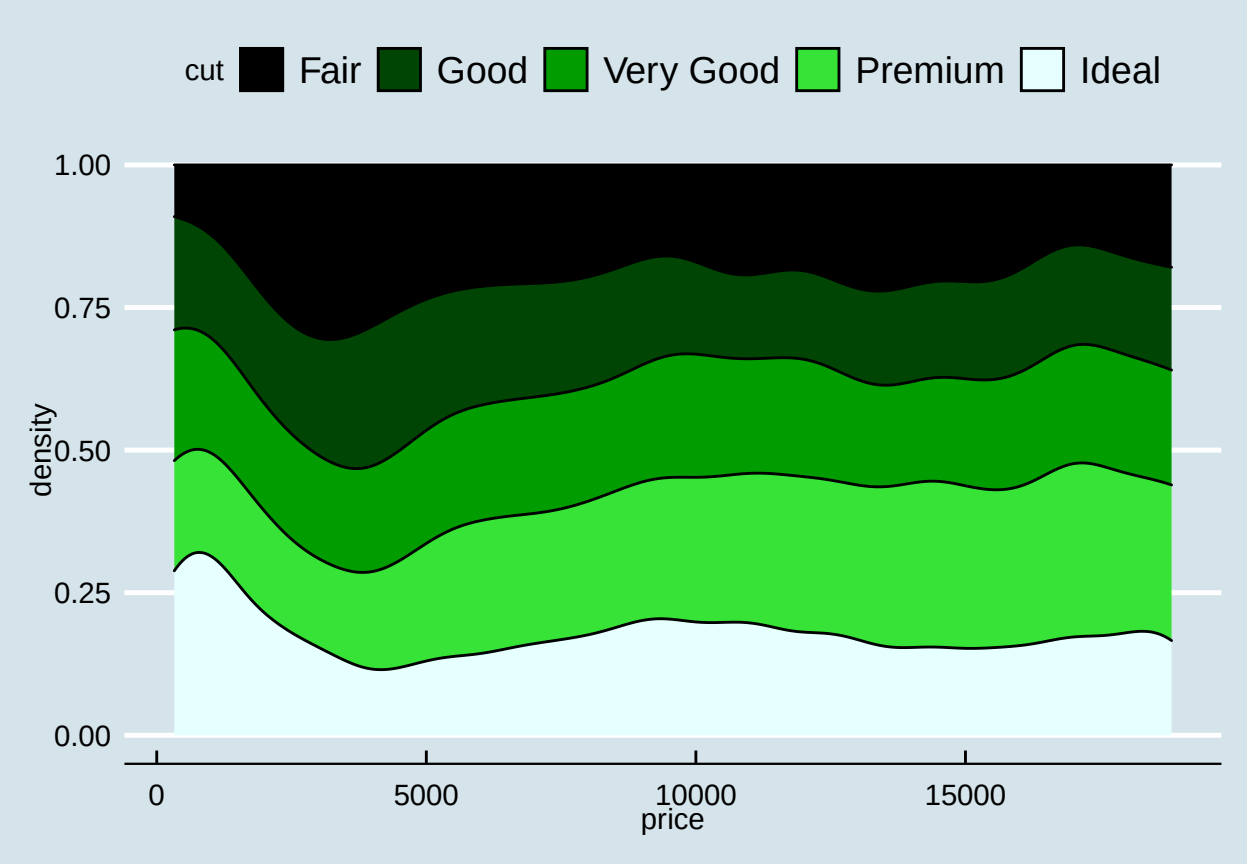
Theme Martell

```
# Stacked density plot:

p <- ggplot(data=diamonds, aes(x=price, group=cut, fill=cut))  + theme_economist()+
    geom_density(adjust=1.5, position="fill") +  scale_fill_got(discrete = TRUE, option = "Martell")
p
```



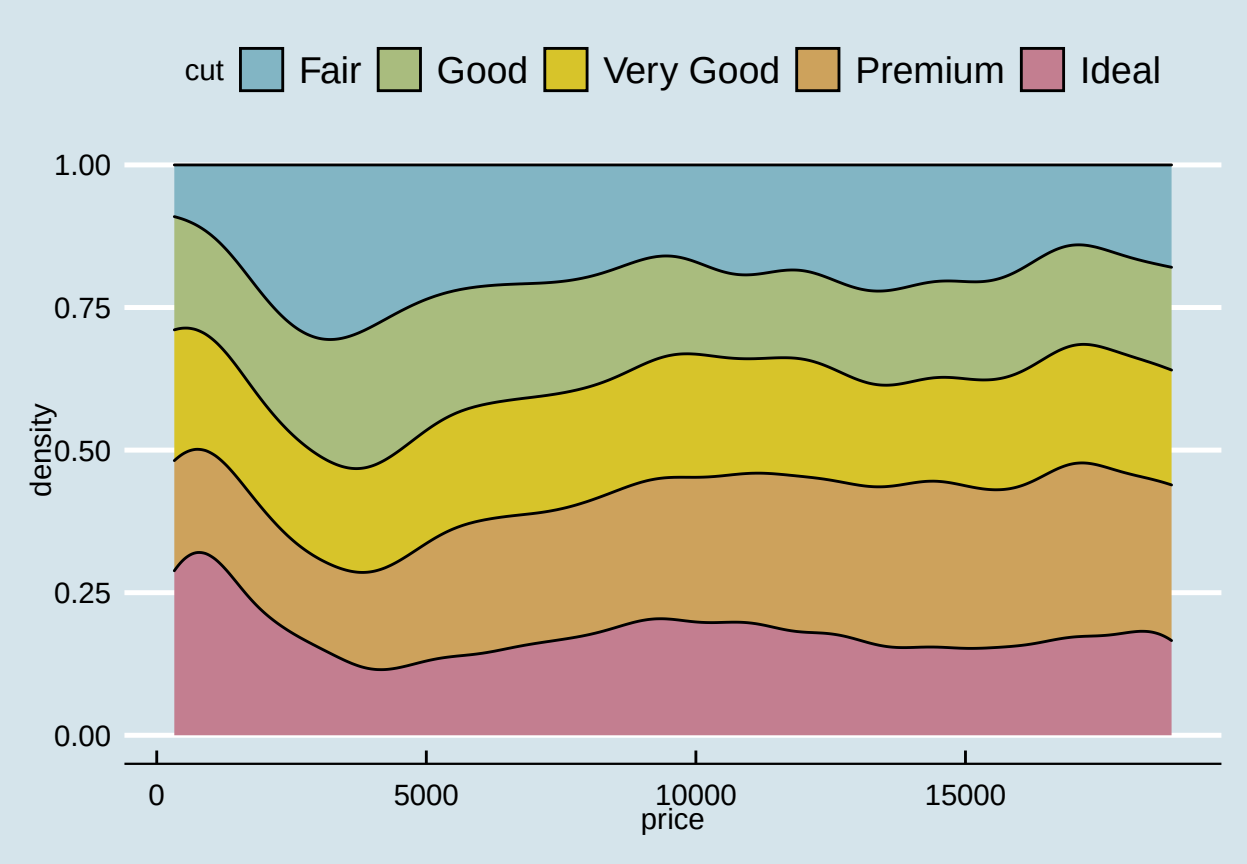
Theme Wildfire

```
# Stacked density plot:

p <- ggplot(data=diamonds, aes(x=price, group=cut, fill=cut)) + theme_economist()+
    geom_density(adjust=1.5, position="fill") +
    scale_fill_got(discrete = TRUE, option = "Wildfire")

p
```

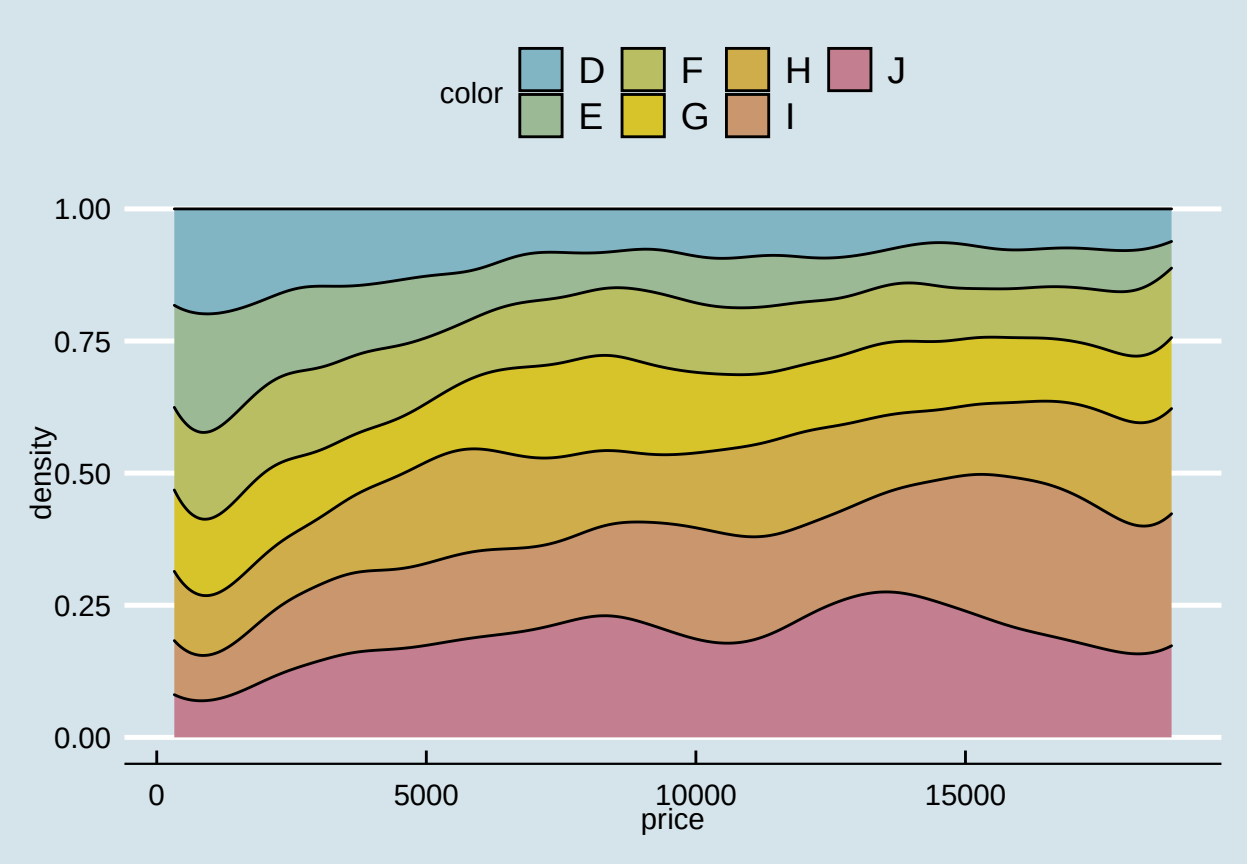


Theme Margaery

```
# Stacked density plot:

p <- ggplot(data=diamonds, aes(x=price, group=cut, fill=cut)) + theme_economist()+
    geom_density(adjust=1.5, position="fill") +  scale_fill_got(discrete = TRUE, option = "Margaery")
p
```

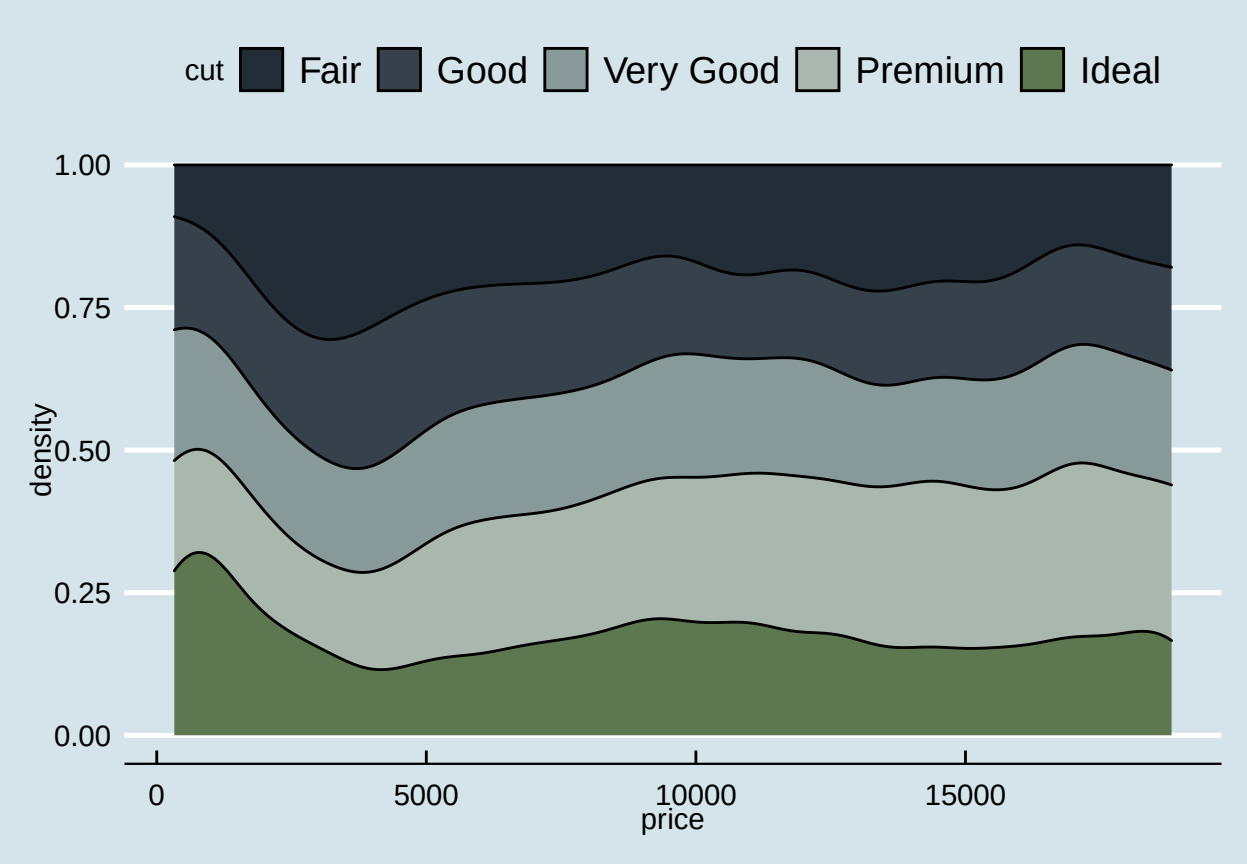



```
# Stacked density plot:

p <- ggplot(data=diamonds, aes(x=price, group=color, fill=color)) + theme_economist()+
    geom_density(adjust=1.5, position="fill") +  scale_fill_got(discrete = TRUE, option = "Margaery")
p
```



Theme Arya

```
# Stacked density plot:

p <- ggplot(data=diamonds, aes(x=price, group=cut, fill=cut)) + theme_economist()+
    geom_density(adjust=1.5, position="fill") +  scale_fill_got(discrete = TRUE, option = "Arya")
p
```


cut
Fair
Good
Very Good
Premium
Ideal
1.00
0.75
0.50
0.25
0.00
density
0
5000
10000
15000
price