Assignment 2 – Lattice Plot

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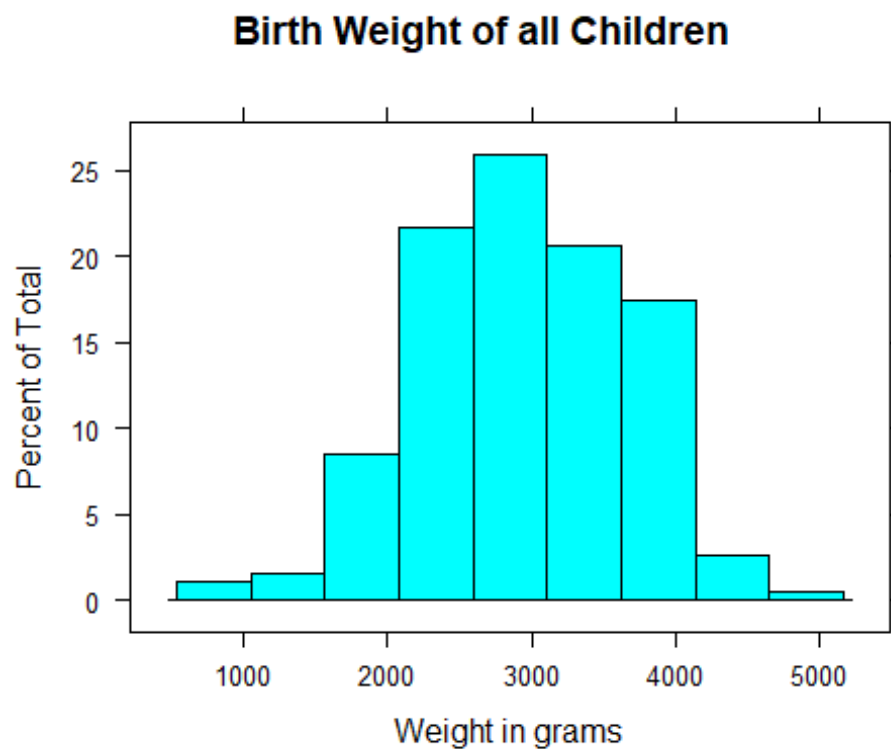
Install MASS package for additional datasets and load the package using the library()
command

```r
install.packages('MASS')
library(MASS)
```

In MASS package there is a dataset **birthwt**. This dataset has the birth eight of child and the
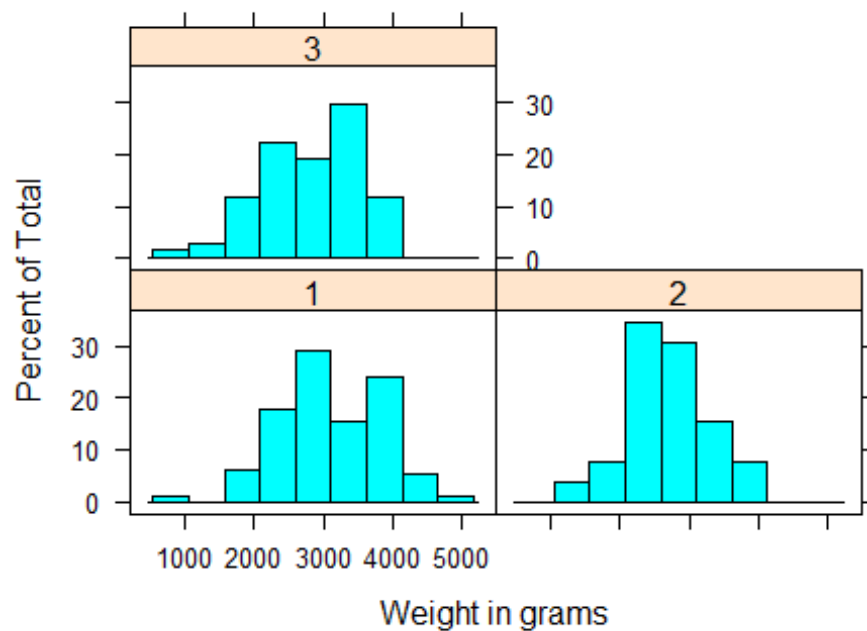information related to mother (such as age, race, smoke etc).

Question 1:

Using the Lattice Plot commands, plot the histogram of birth weights: (Dataset used or this
plot is **birthwt** , which is available in MASS package)

Question 2:

Draw the following plots to see if there is any difference in the birth weights by the race of
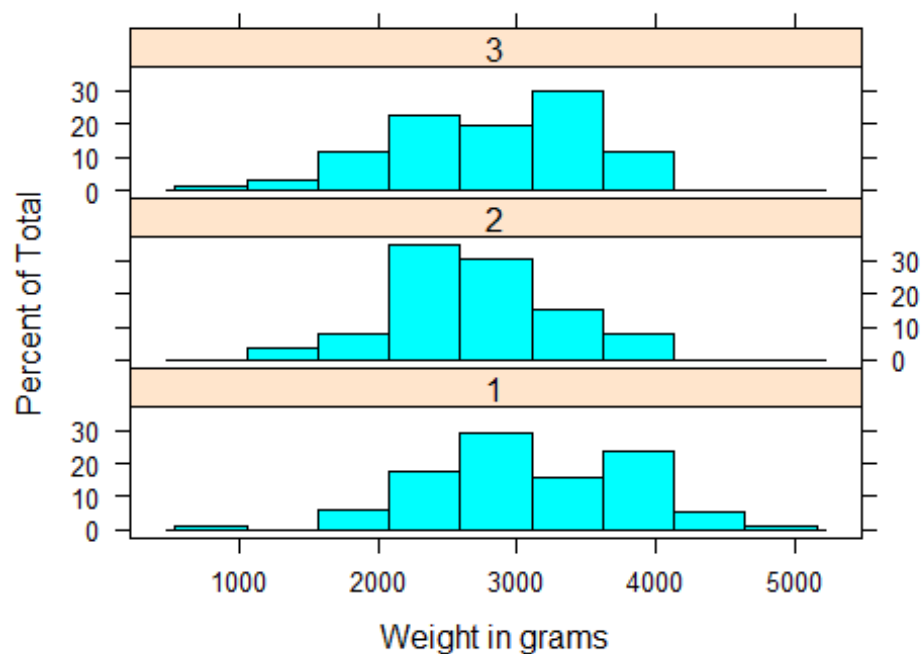mothers?

ght Children by Mothers Race:(1 = white, 2 = black, 3

Question 3:

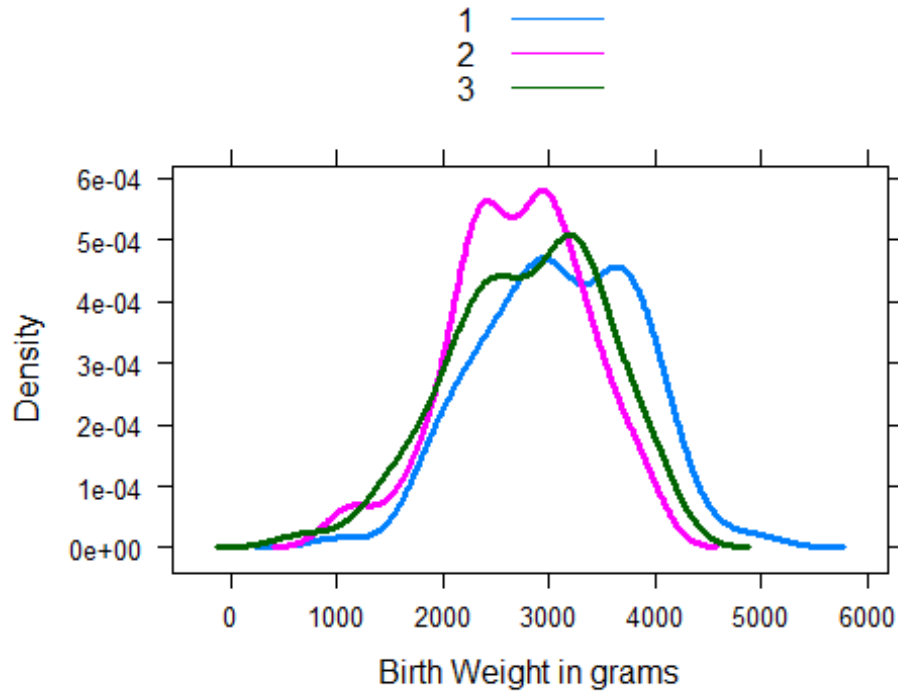Draw the above plot in a single column (in a vertical format)

ght Children by Mothers Race:(1 = white, 2 = black, 3

Question 4:

Draw the density plot by race in a single window

ıt of Child by mother's race (1 = white, 2 = black, 3 = ɑ

1 ————
2 ————
3 ————

Hints: 1. You can remove the dots at the bottom of the densityplot using the argument plot.points = FALSE

2. You can make the lines thicker by using the line width argument lwd. In the above plot I have used lwd = 3