EXERCISE FORMATTING

The following formatting guidelines are suggested for reporting the solutions to the exercises at the end of the chapters. In general, the .pdf-file should have the following characteristics:

1. All pages should be in portrait with no title page.
2. The font should be either Times New Roman or Arial for the text and interpretation. The R/RStudio output must be formatted using a monospaced font such as Courier New.

R/RStudio provide output which is important to include in the report. For example, if a t-test is conducted on whether the price of an all-wheel drive car is higher than a rear-wheel drive version of the same car, the following R/RStudio output must be included:

```
      Welch Two Sample t-test

data:  bmw$price by bmw$allwheeldrive
t = 0.3015, df = 25.347, p-value = 0.7655
alternative hypothesis: true difference in means is not equal to 0
95 percent confidence interval:
 -2455.990  3299.062
sample estimates:
mean in group 0 mean in group 1
       29811.79        29390.25
```

The grey background box is not required and is only added to highlight the example. For a second example, suppose that you run a regression with home value as the dependent variable and bedroom as well as square footage as independent variables. The answer could look as follows:

```
Call:
lm(formula = price ~ bed + sqft, data = meridianhills2)

Coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  70999.55  233324.84   0.304    0.765
bed         -77786.77   62909.96  -1.236    0.235
sqft           221.91      28.09   7.901    1e-06 ***
---
Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

Residual standard error: 232300 on 15 degrees of freedom
Multiple R-squared:  0.8257,     Adjusted R-squared:  0.8025
F-statistic: 35.53 on 2 and 15 DF,  p-value: 2.039e-06
```

All answers must include an interpretation of the output. Do not simply copy-and-paste the output without explaining the results. Also, do not spent time on typing the values that clearly listed in the R-output in the solution to the exercises.