Household Economy

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Data

```
library(knitr)
load("./hh_econ_10th.RData")
kable(format(hh.econ.10th.11/1000, digits = 1, nsmall = 1, justify = "right", big.mar
k = ","), align = "r")
```

	1분위	2분위	3분위	4분위	5분위	6분위	7분위	8분위	9분위	10분위
소득	831.4	1,678.2	2,289.5	2,811.3	3,268.6	3,742.0	4,268.8	4,913.1	5,914.1	8,692.1
소비지출	1,000.3	1,437.0	1,763.9	2,074.7	2,302.2	2,399.0	2,706.6	2,977.3	3,251.7	4,011.5
처분가능소득	646.8	1,389.7	1,898.0	2,338.3	2,708.0	3,098.2	3,476.6	3,988.7	4,713.3	6,930.2

```
kable(format(hh.econ.10th.11.2/1000, digits = 1, nsmall = 1, justify = "right", big.m
ark = ","), align = "r")
```
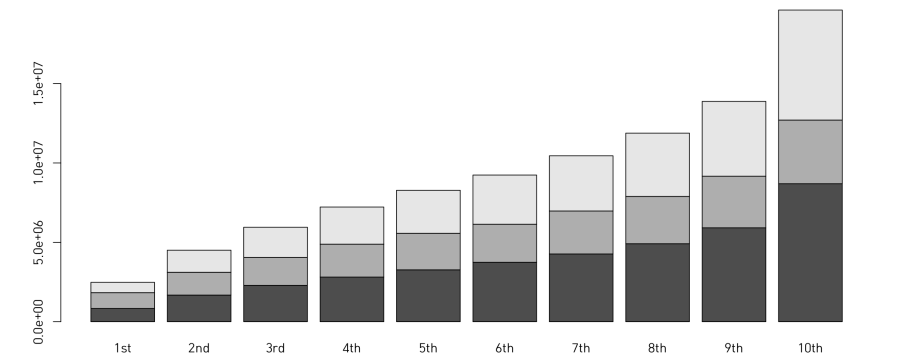
	1분위	2분위	3분위	4분위	5분위	6분위	7분위	8분위	9분위	10분위
소득	831.4	1,678.2	2,289.5	2,811.3	3,268.6	3,742.0	4,268.8	4,913.1	5,914.1	8,692.1
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```
rownames(hh.econ.10th.11) <- c("Market Income", "Expenditure", "Disposable Income")
colnames(hh.econ.10th.11) <- c("1st", "2nd", "3rd", paste(4:10, "th", sep = ""))
kable(format(hh.econ.10th.11/1000, digits = 1, nsmall = 1, justify = "right", big.mar
k = ","), align = "r")
```
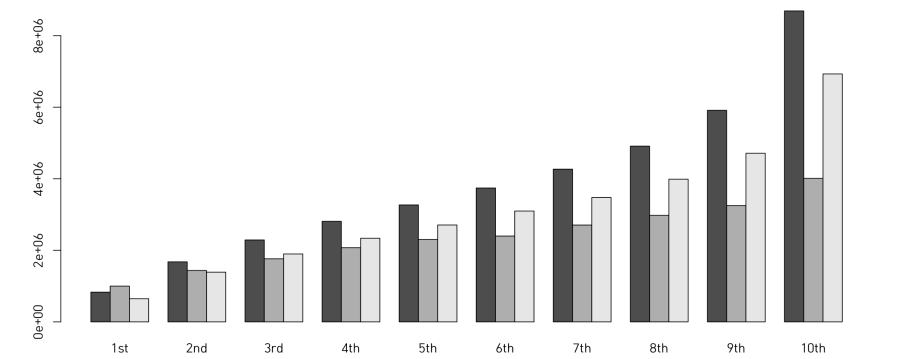
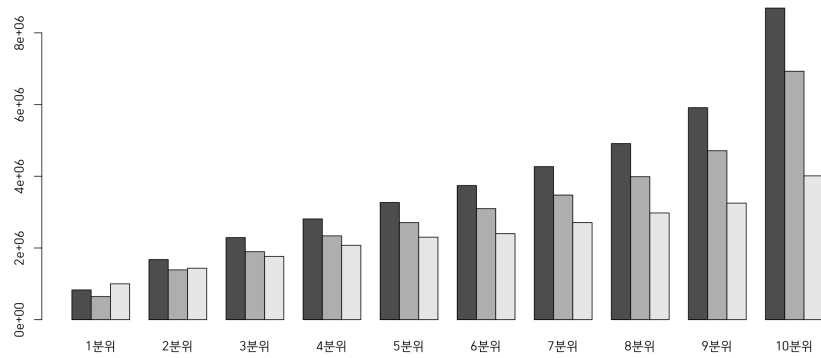|	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th
Market Income	831.4	1,678.2	2,289.5	2,811.3	3,268.6	3,742.0	4,268.8	4,913.1	5,914.1	8,692.1
Expenditure	1,000.3	1,437.0	1,763.9	2,074.7	2,302.2	2,399.0	2,706.6	2,977.3	3,251.7	4,011.5
Disposable Income	646.8	1,389.7	1,898.0	2,338.3	2,708.0	3,098.2	3,476.6	3,988.7	4,713.3	6,930.2

Bar Plots

```
par(family = "HCR Dotum LVT")
barplot(hh.econ.10th.11)
```



```
par(family = "HCR Dotum LVT")
barplot(hh.econ.10th.11, beside = TRUE)
```
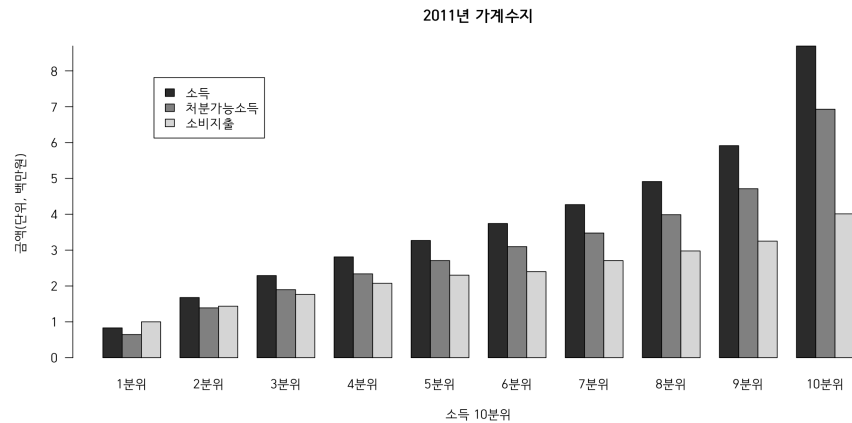
```
par(family = "HCR Dotum LVT")
barplot(hh.econ.10th.11.2, beside = TRUE)
```


Axes and Titles

```
par(family = "HCR Dotum LVT")
barplot(hh.econ.10th.11.2, beside = TRUE, yaxt = "n", col = gray(c(1/6, 1/2, 5/6)))
axis(side = 2, at = seq(0, 10000000, by = 1000000), labels = 0:10, las = 1)
legend("topleft", inset = 0.1, legend = rownames(hh.econ.10th.11.2), fill = gray(c(1/6,
 1/2, 5/6)))
title(main = "2011년 가계수지", xlab = "소득 10분위", ylab = "금액(단위, 백만원)")
```


Lines, colors

```
par(family = "HCR Dotum LVT")
# b <- barplot(hh.econ.10th.11.2, beside = TRUE, yaxt = "n", col = gray(c(1/6, 1/2,
 5/6)))
b <- barplot(hh.econ.10th.11.2, beside = TRUE, yaxt = "n", col = c("blue", "cyan", "r
ed"))
axis(side = 2, at = seq(0, 10000000, by = 1000000), labels = 0:10, las = 1)
# legend("topleft", inset = 0.1, legend = rownames(hh.econ.10th.11), fill = gray(c(1/
6, 1/2, 5/6)))
legend("topleft", inset = 0.1, legend = rownames(hh.econ.10th.11.2), fill = c("blue",
 "cyan", "red"))
title(main = "2011년 가계수지", xlab = "소득 10분위", ylab = "금액(단위, 백만원)")
# lines(x = seq(2.5, 38.5, length.out=10), y = hh.econ.10th.11[2, ], lwd=5, col=gray
(1/2))
lines(x = b[2, ], y = hh.econ.10th.11.2[2, ], type = "b", pch = 24, bg = "white", col
 = "black", lwd = 4)
# lines(x = b[2, ], y = hh.econ.10th.11[2, ], lwd = 8, col = gray(1/2))
lines(x = b[3, ], y = hh.econ.10th.11.2[3, ], type = "b", pch = 25, bg = "white", col
 = "black", lwd = 4)
```