

18-11-24.R

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```
library(UsingR)
```

```
## Loading required package: MASS
```

```
## Loading required package: HistData
```

```
## Loading required package: Hmisc
```

```
##
```

```
## Attaching package: 'Hmisc'
```

```
## The following objects are masked from 'package:base':
```

```
##
```

```
##      format.pval, units
```

```
data("grades")
```

```
table(grades)
```

```
##      grade
## prev  A  A-  B+  B   B-  C+  C   D   F
##  A    15   3   1   4   0   0   3   2   0
##  A-    3   1   1   0   0   0   0   0   0
##  B+    0   2   2   1   2   0   0   1   1
##  B     0   1   1   4   3   1   3   0   2
##  B-    0   1   0   2   0   0   1   0   0
##  C+    1   1   0   0   0   0   1   0   0
##  C     1   0   0   1   1   3   5   9   7
##  D     0   0   0   1   0   0   4   3   1
##  F     1   0   0   1   1   1   3   4  11
```

```
table(grades$grade)
```

```
##
```

```
##  A  A-  B+  B   B-  C+  C   D   F
##  21   9   5  14   7   5  20  19  22
```

```
mosaicplot(table(grades), main="Mosaic Plot of Grades")
```

Mosaic Plot of Grades

