The Other Packages Gallery

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1 Introduction

This document represents a test of the functions in \texttt{xtable} which deal with other packages. The first step is to load the package and set some options for this document.

```r
library(xtable)
options(xtable.floating = FALSE)
options(xtable.timestamp = "")
options(width = 60)
set.seed(1234)
```

2 The \texttt{zoo} package

```r
library(zoo)

## Warning: package 'zoo' was built under R version 3.5.3
##
## Attaching package: 'zoo'
## The following objects are masked from 'package:base':
##
## as.Date, as.Date.numeric

xDate <- as.Date("2003-02-01") + c(1, 3, 7, 9, 14) - 1
as.ts(xDate)

x <- zoo(rnorm(5), xDate)
xtable(x)
```

```r
tempTs <- ts(cumsum(1 + round(rnorm(100), 0)),
             start = c(1954, 7), frequency = 12)
tempTable <- xtable(tempTs, digits = 0)
tempTable
```
### 3 The survival package

```r
library(survival)
```

```r
## Warning: package 'survival' was built under R version 3.5.3
```

```r
test1 <- list(time=c(4,3,1,1,2,2,3),
              status=c(1,1,1,0,1,1,0),
              x=c(0,2,1,1,1,0,0),
              sex=c(0,0,0,0,1,1,1))
```

```r
coxFit <- coxph(Surv(time, status) ~ x + strata(sex), test1)
```

```r
xtable(coxFit)
```

<table>
<thead>
<tr>
<th>coef</th>
<th>exp(coef)</th>
<th>se(coef)</th>
<th>z</th>
<th>p</th>
</tr>
</thead>
<tbody>
<tr>
<td>x</td>
<td>0.80</td>
<td>2.23</td>
<td>0.82</td>
<td>0.98</td>
</tr>
</tbody>
</table>
```