

The Other Packages Gallery

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Contents

1	Introduction	2
2	The zoo package	2
3	The survival package	3

1 Introduction

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

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

2 The zoo package

```
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)
```

Time Series: Start = 1 End = 5 Frequency = 1 [1] 12084 12086 12090 12092 12097

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

	Value
12084	-1.21
12085	
12086	0.28
12087	
12088	
12089	
12090	1.08
12091	
12092	-2.35
12093	
12094	
12095	
12096	
12097	0.43

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

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1954							2	2	2	2	2	3
1955	3	3	4	6	7	7	7	7	10	11	12	13
1956	14	14	14	16	16	17	17	19	20	20	20	19
1957	19	18	18	19	20	22	22	22	23	23	23	23
1958	23	23	24	23	23	23	23	24	26	29	29	32
1959	32	34	38	39	39	40	43	43	45	47	48	49
1960	50	51	53	56	57	57	57	58	59	60	61	61
1961	62	64	66	68	69	70	70	71	72	75	77	78
1962	79	79	81	83	86	87	88	89	89	89		

```
tempZoo <- as.zoo(tempTs)
xtable(tempZoo, digits = 0)
```

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1954							2	2	2	2	2	3
1955	3	3	4	6	7	7	7	7	10	11	12	13
1956	14	14	14	16	16	17	17	19	20	20	20	19
1957	19	18	18	19	20	22	22	22	23	23	23	23
1958	23	23	24	23	23	23	23	24	26	29	29	32
1959	32	34	38	39	39	40	43	43	45	47	48	49
1960	50	51	53	56	57	57	57	58	59	60	61	61
1961	62	64	66	68	69	70	70	71	72	75	77	78
1962	79	79	81	83	86	87	88	89	89	89		

3 The survival package

```
library(survival)
## Warning: package 'survival' was built under R version 3.5.3
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))
coxFit <- coxph(Surv(time, status) ~ x + strata(sex), test1)
xtable(coxFit)
```

	coef	exp(coef)	se(coef)	z	p
x	0.80	2.23	0.82	0.98	0.33