BostonHousePrice

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背景

问题介绍

数据集

数据集处理

数据加载

数据集的载入

```
library(MASS)
attach(Boston)
```

查看 Boston 数据集的维数和结构：

```
glimpse(Boston)
```

```
## Rows: 506
## Columns: 14
## $ crim    <dbl> 0.00632, 0.02731, 0.02729, 0.03237, 0.06905, 0.02985, 0.088...
## $ zn      <dbl> 18.0, 0.0, 0.0, 0.0, 0.0, 0.0, 12.5, 12.5, 12.5, 12.5, 12.5...
## $ indus   <dbl> 2.31, 7.07, 7.07, 2.18, 2.18, 2.18, 7.87, 7.87, 7.87, 7.87,...
## $ chas    <int> 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,...
## $ nox     <dbl> 0.538, 0.469, 0.469, 0.458, 0.458, 0.458, 0.524, 0.524, 0.5...
## $ rm      <dbl> 6.575, 6.421, 7.185, 6.998, 7.147, 6.430, 6.012, 6.172, 5.6...
## $ age     <dbl> 65.2, 78.9, 61.1, 45.8, 54.2, 58.7, 66.6, 96.1, 100.0, 85.9...
```

```
## $ dis      <dbl> 4.0900, 4.9671, 4.9671, 6.0622, 6.0622, 6.0622, 5.5605, 5.9...
## $ rad      <int> 1, 2, 2, 3, 3, 3, 5, 5, 5, 5, 5, 5, 5, 4, 4, 4, 4, 4, 4, 4,...
## $ tax      <dbl> 296, 242, 242, 222, 222, 222, 311, 311, 311, 311, 311, 311,...
## $ ptratio  <dbl> 15.3, 17.8, 17.8, 18.7, 18.7, 18.7, 15.2, 15.2, 15.2, 15.2,...
## $ black    <dbl> 396.90, 396.90, 392.83, 394.63, 396.90, 394.12, 395.60, 396...
## $ lstat    <dbl> 4.98, 9.14, 4.03, 2.94, 5.33, 5.21, 12.43, 19.15, 29.93, 17...
## $ medv     <dbl> 24.0, 21.6, 34.7, 33.4, 36.2, 28.7, 22.9, 27.1, 16.5, 18.9,...
```

查看 Boston 数据集的基本统计量

```
summary(Boston)
```

```
##      crim                zn              indus             chas
## Min.   : 0.00632   Min.   :  0.00   Min.   : 0.46   Min.    :0.00000
## 1st Qu.: 0.08205   1st Qu.:  0.00   1st Qu.: 5.19   1st Qu.:0.00000
## Median : 0.25651   Median :  0.00   Median : 9.69   Median :0.00000
## Mean   : 3.61352   Mean   : 11.36   Mean   :11.14   Mean    :0.06917
## 3rd Qu.: 3.67708   3rd Qu.: 12.50   3rd Qu.:18.10   3rd Qu.:0.00000
## Max.   :88.97620   Max.   :100.00   Max.   :27.74   Max.    :1.00000
##      nox               rm              age             dis
## Min.   :0.3850   Min.   :3.561   Min.   :  2.90   Min.   : 1.130
## 1st Qu.:0.4490   1st Qu.:5.886   1st Qu.: 45.02   1st Qu.: 2.100
## Median :0.5380   Median :6.208   Median : 77.50   Median : 3.207
## Mean   :0.5547   Mean   :6.285   Mean   : 68.57   Mean   : 3.795
## 3rd Qu.:0.6240   3rd Qu.:6.623   3rd Qu.: 94.08   3rd Qu.: 5.188
## Max.   :0.8710   Max.   :8.780   Max.   :100.00   Max.   :12.127
##      rad               tax            ptratio           black
## Min.   : 1.000   Min.   :187.0   Min.   :12.60   Min.   :  0.32
## 1st Qu.: 4.000   1st Qu.:279.0   1st Qu.:17.40   1st Qu.:375.38
## Median : 5.000   Median :330.0   Median :19.05   Median :391.44
## Mean   : 9.549   Mean   :408.2   Mean   :18.46   Mean   :356.67
## 3rd Qu.:24.000   3rd Qu.:666.0   3rd Qu.:20.20   3rd Qu.:396.23
## Max.   :24.000   Max.   :711.0   Max.   :22.00   Max.   :396.90
##     lstat            medv
## Min.   : 1.73   Min.   : 5.00
```

```
##  1st Qu.: 6.95   1st Qu.:17.02
##  Median :11.36   Median :21.20
##  Mean   :12.65   Mean   :22.53
##  3rd Qu.:16.95   3rd Qu.:25.00
##  Max.   :37.97   Max.   :50.00
```

数据预处理

检查 Boston 数据集是否包含缺失值或重复值：

```
any(is.na(Boston))
```

```
## [1] FALSE
```

```
any(duplicated(Boston))
```

```
## [1] FALSE
```
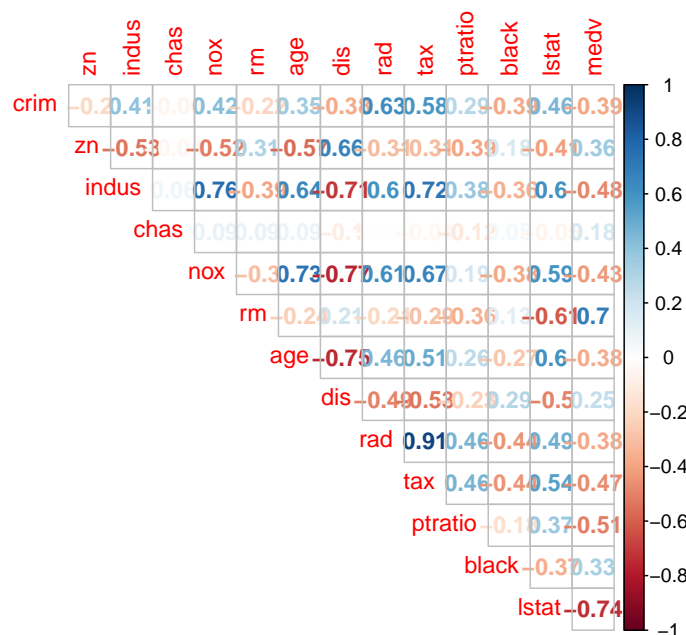
结果均为 FALSE，说明 Boston 数据集无缺失值或重复值，不需要进行数据清洗。

数据可视化与分析

相关性分析

Boston 数据集中包含 14 个变量，首先计算其两两之间的相关系数，得到相关系数矩阵 coor_matrix，并对其进行可视化处理：

```
corr_matrix<-cor(Boston)
corrplot(corr_matrix,method="number", type="upper",diag=FALSE)
```

	zn	indus	chas	nox	rm	age	dis	rad	tax	ptratio	black	lstat	medv
crim	-0.2	0.41	-0.0	0.42	-0.2	0.35	-0.38	0.63	0.58	0.29	-0.39	0.46	-0.39
zn		-0.53		-0.52	0.31	-0.57	0.66	-0.3	-0.31	-0.39	0.18	-0.41	0.36
indus			-0.0	0.76	-0.39	0.64	-0.71	0.6	0.72	0.38	-0.36	0.6	-0.48
chas				0.09	0.09	0.09	-0.1			-0.12	0.05		0.18
nox					-0.3	0.73	-0.77	0.61	0.67	0.19	-0.38	0.59	-0.43
rm						-0.2	0.21	-0.2	-0.29	-0.36	0.13	-0.61	0.7
age							-0.75	0.46	0.51	0.26	-0.27	0.6	-0.38
dis								-0.49	-0.53	-0.23	0.29	-0.5	0.25
rad									0.91	0.46	-0.44	0.49	-0.38
tax										0.46	-0.44	0.54	-0.47
ptratio											-0.18	0.37	-0.51
black												-0.37	0.33
lstat													-0.74

我们可以发现，到高速路的可达性指数 (rad) 和全价的财产税率 (tax) 相关性最高，高达 0.91，呈现显著的正相关关系。

其中，我们最为关心房价中值 (medv) 和其余变量的相关关系，做它们的散点图：

```r
Boston %>%
  gather(var, val, -medv) %>%
  ggplot(aes(x = val, y = medv)) +
  geom_point() +
  geom_smooth(method = "lm", se = TRUE, col = "blue") +
  facet_wrap(~var, scales = "free") +
  theme_gray() +
  ggtitle("房价中值与其他变量的散点图及拟合")
```

```
## `geom_smooth()` using formula 'y ~ x'

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙橀噺鐨勬暎鐐瑰浘鍙婃嫙鍚'出错：<e6>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间�592鍏朵粙鍙橀噺鐨勬暎鐐瑰浘鍙婃嫙鍚<88>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间592鍏朵粙鍙橀噺鐨勬暎鐐瑰浘鍙婃嫙鍚<bf>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间592鍏朵粙鍙橀噺鐨勬暎鐐瑰浘鍙婃嫙鍚<e4>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间592鍏朵粙鍙橀噺鐨勬暎鐐瑰浘鍙婃嫙鍚<bb>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间592鍏朵粙鍙橀噺鐨勬暎鐐瑰浘鍙婃嫙鍚<b7>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间592鍏朵粙鍙橀噺鐨勬暎鐐瑰浘鍙婃嫙鍚<e4>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间592鍏朵粙鍙橀噺鐨勬暎鐐瑰浘鍙婃嫙鍚<b8>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间592鍏朵粙鍙橀噺鐨勬暎鐐瑰浘鍙婃嫙鍚<ad>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间592鍏朵粙鍙橀噺鐨勬暎鐐瑰浘鍙婃嫙鍚<e5>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间592鍏朵粙鍙橀噺鐨勬暎鐐瑰浘鍙婃嫙鍚<80>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙樻噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<bc>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙樻噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<e4>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙樻噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<b8>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙樻噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<8e>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙樻噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<e5>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙樻噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<85>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙樻噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<b6>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙樻噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<e4>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙樻噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<bb>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙樻噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<96>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竻鍏朵粬鐜槗鐧勬暟鐭瑰湢鍙嫁嫚錫'出错：<e5>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竻鍏朵粬鐜槗鐧勬暟鐭瑰湢鍙嫁嫚錫'出错：<8f>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竻鍏朵粬鐜槗鐧勬暟鐭瑰湢鍙嫁嫚錫'出错：<98>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竻鍏朵粬鐜槗鐧勬暟鐭瑰湢鍙嫁嫚錫'出错：<e9>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竻鍏朵粬鐜槗鐧勬暟鐭瑰湢鍙嫁嫚錫'出错：<87>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竻鍏朵粬鐜槗鐧勬暟鐭瑰湢鍙嫁嫚錫'出错：<8f>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竻鍏朵粬鐜槗鐧勬暟鐭瑰湢鍙嫁嫚錫'出错：<e7>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竻鍏朵粬鐜槗鐧勬暟鐭瑰湢鍙嫁嫚錫'出错：<9a>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竻鍏朵粬鐜槗鐧勬暟鐭瑰湢鍙嫁嫚錫'出错：<84>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竻鍏朵粬鐜槗鐧勬暟鐭瑰湢鍙嫁嫚錫'出错：<e6>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芛鍏朵粬鍙樻嚱嚇鐢勬暟镡瑰浘鍙嫲媺锡 '出错：<95>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芛鍏朵粬鍙樻嚱嚇鐢勬暟镡瑰浘鍙嫲媺锡 '出错：<a3>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芛鍏朵粬鍙樻嚱嚇鐢勬暟镡瑰浘鍙嫲媺锡 '出错：<e7>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芛鍏朵粬鍙樻嚱嚇鐢勬暟镡瑰浘鍙嫲媺锡 '出错：<82>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芛鍏朵粬鍙樻嚱嚇鐢勬暟镡瑰浘鍙嫲媺锡 '出错：<b9>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芛鍏朵粬鍙樻嚱嚇鐢勬暟镡瑰浘鍙嫲媺锡 '出错：<e5>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芛鍏朵粬鍙樻嚱嚇鐢勬暟镡瑰浘鍙嫲媺锡 '出错：<9b>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芛鍏朵粬鍙樻嚱嚇鐢勬暟镡瑰浘鍙嫲媺锡 '出错：<be>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芛鍏朵粬鍙樻嚱嚇鐢勬暟镡瑰浘鍙嫲媺锡 '出错：<e5>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芛鍏朵粬鍙樻嚱嚇鐢勬暟镡瑰浘鍙嫲媺锡 '出错：<8f>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙樺噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<8a>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙樺噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<e6>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙樺噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<8b>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙樺噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<9f>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙樺噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<e5>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙樺噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<90>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙樺噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<88>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙樺噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<e6>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙樺噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<88>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙樺噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<bf>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙樻摬噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<e4>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙樻摬噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<bb>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙樻摬噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<b7>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙樻摬噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<e4>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙樻摬噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<b8>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙樻摬噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<ad>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙樻摬噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<e5>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙樻摬噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<80>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙樻摬噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<bc>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙樻摬噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<e4>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 €间笌鍏朵粬鍙樻噺噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<b8>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 €间笌鍏朵粬鍙樻噺噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<8e>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 €间笌鍏朵粬鍙樻噺噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<e5>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 €间笌鍏朵粬鍙樻噺噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<85>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 €间笌鍏朵粬鍙樻噺噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<b6>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 €间笌鍏朵粬鍙樻噺噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<e4>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 €间笌鍏朵粬鍙樻噺噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<bb>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 €间笌鍏朵粬鍙樻噺噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<96>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 €间笌鍏朵粬鍙樻噺噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<e5>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 €间笌鍏朵粬鍙樻噺噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<8f>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粙鐖楀噷鐒勬暎鐤瑰湴鍙嬶嬶鍚 '出错：<98>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粙鐖楀噷鐒勬暎鐤瑰湴鍙嬶嬶鍚 '出错：<e9>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粙鐖楀噷鐒勬暎鐤瑰湴鍙嬶嬶鍚 '出错：<87>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粙鐖楀噷鐒勬暎鐤瑰湴鍙嬶嬶鍚 '出错：<8f>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粙鐖楀噷鐒勬暎鐤瑰湴鍙嬶嬶鍚 '出错：<e7>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粙鐖楀噷鐒勬暎鐤瑰湴鍙嬶嬶鍚 '出错：<9a>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粙鐖楀噷鐒勬暎鐤瑰湴鍙嬶嬶鍚 '出错：<84>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粙鐖楀噷鐒勬暎鐤瑰湴鍙嬶嬶鍚 '出错：<e6>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粙鐖楀噷鐒勬暎鐤瑰湴鍙嬶嬶鍚 '出错：<95>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粙鐖楀噷鐒勬暎鐤瑰湴鍙嬶嬶鍚 '出错：<a3>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鍙樻彚噛鐨勬暎鐣瑰湞鍌婃嬁嬫鍚 '出错: <e7>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鍙樻彚噛鐨勬暎鐣瑰湞鍌婃嬁嬫鍚 '出错: <82>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鍙樻彚噛鐨勬暎鐣瑰湞鍌婃嬁嬫鍚 '出错: <b9>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鍙樻彚噛鐨勬暎鐣瑰湞鍌婃嬁嬫鍚 '出错: <e5>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鍙樻彚噛鐨勬暎鐣瑰湞鍌婃嬁嬫鍚 '出错: <9b>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鍙樻彚噛鐨勬暎鐣瑰湞鍌婃嬁嬫鍚 '出错: <be>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鍙樻彚噛鐨勬暎鐣瑰湞鍌婃嬁嬫鍚 '出错: <e5>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鍙樻彚噛鐨勬暎鐣瑰湞鍌婃嬁嬫鍚 '出错: <8f>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鍙樻彚噛鐨勬暎鐣瑰湞鍌婃嬁嬫鍚 '出错: <8a>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鍙樻彚噛鐨勬暎鐣瑰湞鍌婃嬁嬫鍚 '出错: <e6>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬�misc噺鐢暎鐐瑰湼鍙婃�immation'出错：<8b>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鐛噺鐢暎鐐瑰湼鍙婃嬫'出错：<9f>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鐛噺鐢暎鐐瑰湼鍙婃嬫'出错：<e5>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鐛噺鐢暎鐐瑰湼鍙婃嬫'出错：<90>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鐛噺鐢暎鐐瑰湼鍙婃嬫'出错：<88>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鐛噺鐢暎鐐瑰湼鍙婃嬫'出错：<e6>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鐛噺鐢暎鐐瑰湼鍙婃嬫'出错：<88>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鐛噺鐢暎鐐瑰湼鍙婃嬫'出错：<bf>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鐛噺鐢暎鐐瑰湼鍙婃嬫'出错：<e4>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鐛噺鐢暎鐐瑰湼鍙婃嬫'出错：<bb>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竿鍏朵粬鍙樻煋嘶鐨勬晥鏀瑰湿鍙嬬嫾鍚 '出错：<b7>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竿鍏朵粬鍙樻煋嘶鐨勬晥鏀瑰湿鍙嬬嫾鍚 '出错：<e4>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竿鍏朵粬鍙樻煋嘶鐨勬晥鏀瑰湿鍙嬬嫾鍚 '出错：<b8>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竿鍏朵粬鍙樻煋嘶鐨勬晥鏀瑰湿鍙嬬嫾鍚 '出错：<ad>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竿鍏朵粬鍙樻煋嘶鐨勬晥鏀瑰湿鍙嬬嫾鍚 '出错：<e5>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竿鍏朵粬鍙樻煋嘶鐨勬晥鏀瑰湿鍙嬬嫾鍚 '出错：<80>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竿鍏朵粬鍙樻煋嘶鐨勬晥鏀瑰湿鍙嬬嫾鍚 '出错：<bc>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竿鍏朵粬鍙樻煋嘶鐨勬晥鏀瑰湿鍙嬬嫾鍚 '出错：<e4>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竿鍏朵粬鍙樻煋嘶鐨勬晥鏀瑰湿鍙嬬嫾鍚 '出错：<b8>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竿鍏朵粬鍙樻煋嘶鐨勬晥鏀瑰湿鍙嬬嫾鍚 '出错：<8e>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竻鍏朵粬鍙樺櫒鐨勬暟鎹瑰湈鍙嫃嫔鍚 '出错：<e5>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竻鍏朵粬鍙樺櫒鐨勬暟鎹瑰湈鍙嫃嫔鍚 '出错：<85>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竻鍏朵粬鍙樺櫒鐨勬暟鎹瑰湈鍙嫃嫔鍚 '出错：<b6>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竻鍏朵粬鍙樺櫒鐨勬暟鎹瑰湈鍙嫃嫔鍚 '出错：<e4>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竻鍏朵粬鍙樺櫒鐨勬暟鎹瑰湈鍙嫃嫔鍚 '出错：<bb>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竻鍏朵粬鍙樺櫒鐨勬暟鎹瑰湈鍙嫃嫔鍚 '出错：<96>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竻鍏朵粬鍙樺櫒鐨勬暟鎹瑰湈鍙嫃嫔鍚 '出错：<e5>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竻鍏朵粬鍙樺櫒鐨勬暟鎹瑰湈鍙嫃嫔鍚 '出错：<8f>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竻鍏朵粬鍙樺櫒鐨勬暟鎹瑰湈鍙嫃嫔鍚 '出错：<98>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竻鍏朵粬鍙樺櫒鐨勬暟鎹瑰湈鍙嫃嫔鍚 '出错：<e9>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竻鍏朵粬鍙橀噺鐨勬暎鐐瑰浘鍙嬪鍚 '出错：<87>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竻鍏朵粬鍙橀噺鐨勬暎鐐瑰浘鍙嬪鍚 '出错：<8f>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竻鍏朵粬鍙橀噺鐨勬暎鐐瑰浘鍙嬪鍚 '出错：<e7>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竻鍏朵粬鍙橀噺鐨勬暎鐐瑰浘鍙嬪鍚 '出错：<9a>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竻鍏朵粬鍙橀噺鐨勬暎鐐瑰浘鍙嬪鍚 '出错：<84>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竻鍏朵粬鍙橀噺鐨勬暎鐐瑰浘鍙嬪鍚 '出错：<e6>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竻鍏朵粬鍙橀噺鐨勬暎鐐瑰浘鍙嬪鍚 '出错：<95>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竻鍏朵粬鍙橀噺鐨勬暎鐐瑰浘鍙嬪鍚 '出错：<a3>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竻鍏朵粬鍙橀噺鐨勬暎鐐瑰浘鍙嬪鍚 '出错：<e7>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竻鍏朵粬鍙橀噺鐨勬暎鐐瑰浘鍙嬪鍚 '出错：<82>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 €间芐鍏朵粬鍙樺噺鐨勬暎鐐瑰浘鍙婂嫙鍚 '出错：<b9>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 €间芐鍏朵粬鍙樺噺鐨勬暎鐐瑰浘鍙婂嫙鍚 '出错：<e5>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 €间芐鍏朵粬鍙樺噺鐨勬暎鐐瑰浘鍙婂嫙鍚 '出错：<9b>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 €间芐鍏朵粬鍙樺噺鐨勬暎鐐瑰浘鍙婂嫙鍚 '出错：<be>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 €间芐鍏朵粬鍙樺噺鐨勬暎鐐瑰浘鍙婂嫙鍚 '出错：<e5>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 €间芐鍏朵粬鍙樺噺鐨勬暎鐐瑰浘鍙婂嫙鍚 '出错：<8f>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 €间芐鍏朵粬鍙樺噺鐨勬暎鐐瑰浘鍙婂嫙鍚 '出错：<8a>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 €间芐鍏朵粬鍙樺噺鐨勬暎鐐瑰浘鍙婂嫙鍚 '出错：<e6>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 €间芐鍏朵粬鍙樺噺鐨勬暎鐐瑰浘鍙婂嫙鍚 '出错：<8b>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 €间芐鍏朵粬鍙樺噺鐨勬暎鐐瑰浘鍙婂嫙鍚 '出错：<9f>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芽鍏朵粬鍙樻嗘鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<e5>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芽鍏朵粬鍙樻嗘鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<90>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芽鍏朵粬鍙樻嗘鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<88>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芽鍏朵粬鍙樻嗘鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<e6>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芽鍏朵粬鍙樻嗘鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<88>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芽鍏朵粬鍙樻嗘鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<bf>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芽鍏朵粬鍙樻嗘鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<e4>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芽鍏朵粬鍙樻嗘鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<bb>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芽鍏朵粬鍙樻嗘鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<b7>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芽鍏朵粬鍙樻嗘鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<e4>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竻鍏朵粬鍙樻噺嚙鐨勬暎鐐瑰浘鍙婄嫾鍗 '出错：<b8>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竻鍏朵粬鍙樻噺嚙鐨勬暎鐐瑰浘鍙婄嫾鍗 '出错：<ad>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竻鍏朵粬鍙樻噺嚙鐨勬暎鐐瑰浘鍙婄嫾鍗 '出错：<e5>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竻鍏朵粬鍙樻噺嚙鐨勬暎鐐瑰浘鍙婄嫾鍗 '出错：<80>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竻鍏朵粬鍙樻噺嚙鐨勬暎鐐瑰浘鍙婄嫾鍗 '出错：<bc>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竻鍏朵粬鍙樻噺嚙鐨勬暎鐐瑰浘鍙婄嫾鍗 '出错：<e4>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竻鍏朵粬鍙樻噺嚙鐨勬暎鐐瑰浘鍙婄嫾鍗 '出错：<b8>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竻鍏朵粬鍙樻噺嚙鐨勬暎鐐瑰浘鍙婄嫾鍗 '出错：<8e>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竻鍏朵粬鍙樻噺嚙鐨勬暎鐐瑰浘鍙婄嫾鍗 '出错：<e5>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竻鍏朵粬鍙樻噺嚙鐨勬暎鐐瑰浘鍙婄嫾鍗 '出错：<85>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芎鍏朵粬鍙楀噣鏆勬暟鏄镙瑰�19鍙婂疄鍚 '出错: <b6>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芎鍏朵粬鍙楀噣鏆勬暟鏄镙瑰�19鍙婂疄鍚 '出错: <e4>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芎鍏朵粬鍙楀噣鏆勬暟鏄镙瑰�19鍙婂疄鍚 '出错: <bb>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芎鍏朵粬鍙楀噣鏆勬暟鏄镙瑰�19鍙婂疄鍚 '出错: <96>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芎鍏朵粬鍙楀噣鏆勬暟鏄镙瑰�19鍙婂疄鍚 '出错: <e5>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芎鍏朵粬鍙楀噣鏆勬暟鏄镙瑰�19鍙婂疄鍚 '出错: <8f>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芎鍏朵粬鍙楀噣鏆勬暟鏄镙瑰�19鍙婂疄鍚 '出错: <98>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芎鍏朵粬鍙楀噣鏆勬暟鏄镙瑰�19鍙婂疄鍚 '出错: <e9>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芎鍏朵粬鍙楀噣鏆勬暟鏄镙瑰�19鍙婂疄鍚 '出错: <87>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芎鍏朵粬鍙楀噣鏆勬暟鏄镙瑰�19鍙婂疄鍚 '出错: <8f>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间�matrix'出错：<e7>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间�matrix'出错：<9a>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间�matrix'出错：<84>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间�matrix'出错：<e6>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笫matrix'出错：<95>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笫matrix'出错：<a3>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笫matrix'出错：<e7>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笫matrix'出错：<82>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笫matrix'出错：<b9>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笫matrix'出错：<e5>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙橀噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<9b>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙橀噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<be>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙橀噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<e5>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙橀噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<8f>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙橀噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<8a>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙橀噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<e6>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙橀噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<8b>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙橀噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<9f>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙橀噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<e5>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙橀噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<90>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竻鍏朵粬鍙樻摐嘶鐨勬暎鐐瑰浘鍙嬪鍚'出错：<88>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竻鍏朵粬鍙樻摐嘶鐨勬暎鐐瑰浘鍙嬪鍚'出错：<e6>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竻鍏朵粬鍙樻摐嘶鐨勬暎鐐瑰浘鍙嬪鍚'出错：<88>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竻鍏朵粬鍙樻摐嘶鐨勬暎鐐瑰浘鍙嬪鍚'出错：<bf>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竻鍏朵粬鍙樻摐嘶鐨勬暎鐐瑰浘鍙嬪鍚'出错：<e4>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竻鍏朵粬鍙樻摐嘶鐨勬暎鐐瑰浘鍙嬪鍚'出错：<bb>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竻鍏朵粬鍙樻摐嘶鐨勬暎鐐瑰浘鍙嬪鍚'出错：<b7>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竻鍏朵粬鍙樻摐嘶鐨勬暎鐐瑰浘鍙嬪鍚'出错：<e4>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竻鍏朵粬鍙樻摐嘶鐨勬暎鐐瑰浘鍙嬪鍚'出错：<b8>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竻鍏朵粬鍙樻摐嘶鐨勬暎鐐瑰浘鍙嬪鍚'出错：<ad>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 €间笌鍏朵粬鍙樻噺噷鐨勭暱鐑瑰湴鍙婃嬀鍚 '出错：<e5>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 €间笌鍏朵粬鍙樻噺噷鐨勭暱鐑瑰湴鍙婃嬀鍚 '出错：<80>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 €间笌鍏朵粬鍙樻噺噷鐨勭暱鐑瑰湴鍙婃嬀鍚 '出错：<bc>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 €间笌鍏朵粬鍙樻噺噷鐨勭暱鐑瑰湴鍙婃嬀鍚 '出错：<e4>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 €间笌鍏朵粬鍙樻噺噷鐨勭暱鐑瑰湴鍙婃嬀鍚 '出错：<b8>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 €间笌鍏朵粬鍙樻噺噷鐨勭暱鐑瑰湴鍙婃嬀鍚 '出错：<8e>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 €间笌鍏朵粬鍙樻噺噷鐨勭暱鐑瑰湴鍙婃嬀鍚 '出错：<e5>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 €间笌鍏朵粬鍙樻噺噷鐨勭暱鐑瑰湴鍙婃嬀鍚 '出错：<85>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 €间笌鍏朵粬鍙樻噺噷鐨勭暱鐑瑰湴鍙婃嬀鍚 '出错：<b6>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 €间笌鍏朵粬鍙樻噺噷鐨勭暱鐑瑰湴鍙婃嬀鍚 '出错：<e4>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鍙楃洰嗘鐨勬暟鎹瑰湢鍙婂煫鍚 '出错：<bb>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鍙楃洰嗘鐨勬暟鎹瑰湢鍙婂煫鍚 '出错：<96>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鍙楃洰嗘鐨勬暟鎹瑰湢鍙婂煫鍚 '出错：<e5>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鍙楃洰嗘鐨勬暟鎹瑰湢鍙婂煫鍚 '出错：<8f>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鍙楃洰嗘鐨勬暟鎹瑰湢鍙婂煫鍚 '出错：<98>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鍙楃洰嗘鐨勬暟鎹瑰湢鍙婂煫鍚 '出错：<e9>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鍙楃洰嗘鐨勬暟鎹瑰湢鍙婂煫鍚 '出错：<87>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鍙楃洰嗘鐨勬暟鎹瑰湢鍙婂煫鍚 '出错：<8f>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鍙楃洰嗘鐨勬暟鎹瑰湢鍙婂煫鍚 '出错：<e7>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鍙楃洰嗘鐨勬暟鎹瑰湢鍙婂煫鍚 '出错：<9a>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芽鍏朵粬鍙樻嚙鐢勬晥鐣瑰�639嫦嫭锡'出错：<84>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芽鍏朵粬鍙樻嚙鐢勬晥鐣瑰湷鍙樺嫦嫭锡'出错：<e6>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芽鍏朵粬鍙樻嚙鐢勬晥鐣瑰湷鍙樺嫦嫭锡'出错：<95>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芽鍏朵粬鍙樻嚙鐢勬晥鐣瑰湷鍙樺嫦嫭锡'出错：<a3>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芽鍏朵粬鍙樻嚙鐢勬晥鐣瑰湷鍙樺嫦嫭锡'出错：<e7>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芽鍏朵粬鍙樻嚙鐢勬晥鐣瑰湷鍙樺嫦嫭锡'出错：<82>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芽鍏朵粬鍙樻嚙鐢勬晥鐣瑰湷鍙樺嫦嫭锡'出错：<b9>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芽鍏朵粬鍙樻嚙鐢勬晥鐣瑰湷鍙樺嫦嫭锡'出错：<e5>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芽鍏朵粬鍙樻嚙鐢勬晥鐣瑰湷鍙樺嫦嫭锡'出错：<9b>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芽鍏朵粬鍙樻嚙鐢勬晥鐣瑰湷鍙樺嫦嫭锡'出错：<be>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芎鍏朵粙鍙槤噷鐟敤鐎瑰湽鍙嬫嬫鍚 '出错：<e5>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芎鍏朵粙鍙槤噷鐟敤鐎瑰湽鍙嬫嬫鍚 '出错：<8f>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芎鍏朵粙鍙槤噷鐟敤鐎瑰湽鍙嬫嬫鍚 '出错：<8a>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芎鍏朵粙鍙槤噷鐟敤鐎瑰湽鍙嬫嬫鍚 '出错：<e6>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芎鍏朵粙鍙槤噷鐟敤鐎瑰湽鍙嬫嬫鍚 '出错：<8b>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芎鍏朵粙鍙槤噷鐟敤鐎瑰湽鍙嬫嬫鍚 '出错：<9f>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芎鍏朵粙鍙槤噷鐟敤鐎瑰湽鍙嬫嬫鍚 '出错：<e5>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芎鍏朵粙鍙槤噷鐟敤鐎瑰湽鍙嬫嬫鍚 '出错：<90>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芎鍏朵粙鍙槤噷鐟敤鐎瑰湽鍙嬫嬫鍚 '出错：<88>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芎鍏朵粙鍙槤噷鐟敤鐎瑰湽鍙嬫嬫鍚 '出错：<e6>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙樻嚙鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<88>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙樻嚙鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<bf>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙樻嚙鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<e4>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙樻嚙鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<bb>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙樻嚙鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<b7>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙樻嚙鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<e4>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙樻嚙鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<b8>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙樻嚙鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<ad>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙樻嚙鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<e5>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙樻嚙鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<80>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鍙樻櫄鍣潪暎鐐瑰浘鍙粽嬫鍚 '出错：<bc>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鍙樻櫄鍣潪暎鐐瑰浘鍙粽嬫鍚 '出错：<e4>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鍙樻櫄鍣潪暎鐐瑰浘鍙粽嬫鍚 '出错：<b8>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鍙樻櫄鍣潪暎鐐瑰浘鍙粽嬫鍚 '出错：<8e>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鍙樻櫄鍣潪暎鐐瑰浘鍙粽嬫鍚 '出错：<e5>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鍙樻櫄鍣潪暎鐐瑰浘鍙粽嬫鍚 '出错：<85>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鍙樻櫄鍣潪暎鐐瑰浘鍙粽嬫鍚 '出错：<b6>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鍙樻櫄鍣潪暎鐐瑰浘鍙粽嬫鍚 '出错：<e4>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鍙樻櫄鍣潪暎鐐瑰浘鍙粽嬫鍚 '出错：<bb>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鍙樻櫄鍣潪暎鐐瑰浘鍙粽嬫鍚 '出错：<96>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芛鍏朵粬鍙樻棆嗏鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<e5>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芛鍏朵粬鍙樻棆嗏鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<8f>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芛鍏朵粬鍙樻棆嗏鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<98>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芛鍏朵粬鍙樻棆嗏鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<e9>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芛鍏朵粬鍙樻棆嗏鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<87>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芛鍏朵粬鍙樻棆嗏鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<8f>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芛鍏朵粬鍙樻棆嗏鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<e7>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芛鍏朵粬鍙樻棆嗏鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<9a>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芛鍏朵粬鍙樻棆嗏鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<84>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芛鍏朵粬鍙樻棆嗏鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<e6>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芐鍏朵粬鍙橀噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错: <95>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芐鍏朵粬鍙橀噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错: <a3>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芐鍏朵粬鍙橀噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错: <e7>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芐鍏朵粬鍙橀噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错: <82>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芐鍏朵粬鍙橀噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错: <b9>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芐鍏朵粬鍙橀噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错: <e5>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芐鍏朵粬鍙橀噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错: <9b>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芐鍏朵粬鍙橀噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错: <be>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芐鍏朵粬鍙橀噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错: <e5>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芐鍏朵粬鍙橀噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错: <8f>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鍙樻噺鐨勬暎鐐瑰浘鐭╅樀 '出错：<8a>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鍙樻噺鐨勬暎鐐瑰浘鐭╅樀 '出错：<e6>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鍙樻噺鐨勬暎鐐瑰浘鐭╅樀 '出错：<8b>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鍙樻噺鐨勬暎鐐瑰浘鐭╅樀 '出错：<9f>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鍙樻噺鐨勬暎鐐瑰浘鐭╅樀 '出错：<e5>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鍙樻噺鐨勬暎鐐瑰浘鐭╅樀 '出错：<90>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鍙樻噺鐨勬暎鐐瑰浘鐭╅樀 '出错：<88>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鍙樻噺鐨勬暎鐐瑰浘鐭╅樀 '出错：<e6>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鍙樻噺鐨勬暎鐐瑰浘鐭╅樀 '出错：<88>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鍙樻噺鐨勬暎鐐瑰浘鐭╅樀 '出错：<bf>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙樻噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错: <e4>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙樻噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错: <bb>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙樻噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错: <b7>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙樻噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错: <e4>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙樻噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错: <b8>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙樻噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错: <ad>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙樻噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错: <e5>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙樻噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错: <80>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙樻噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错: <bc>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙樻噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错: <e4>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竻鍏朵粬鍙橀噺鐨勬暎鐐瑰浘鍙婃嫙鍚'出错: <b8>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竻鍏朵粬鍙橀噺鐨勬暎鐐瑰浘鍙婃嫙鍚'出错: <8e>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竻鍏朵粬鍙橀噺鐨勬暎鐐瑰浘鍙婃嫙鍚'出错: <e5>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竻鍏朵粬鍙橀噺鐨勬暎鐐瑰浘鍙婃嫙鍚'出错: <85>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竻鍏朵粬鍙橀噺鐨勬暎鐐瑰浘鍙婃嫙鍚'出错: <b6>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竻鍏朵粬鍙橀噺鐨勬暎鐐瑰浘鍙婃嫙鍚'出错: <e4>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竻鍏朵粬鍙橀噺鐨勬暎鐐瑰浘鍙婃嫙鍚'出错: <bb>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竻鍏朵粬鍙橀噺鐨勬暎鐐瑰浘鍙婃嫙鍚'出错: <96>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竻鍏朵粬鍙橀噺鐨勬暎鐐瑰浘鍙婃嫙鍚'出错: <e5>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间竻鍏朵粬鍙橀噺鐨勬暎鐐瑰浘鍙婃嫙鍚'出错: <8f>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鐜欐嚟鐨勬暎镳瑰湣鍙嫆嬫锡'出错：<98>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鐜欐嚟鐨勬暎镳瑰湣鍙嫆嬫锡'出错：<e9>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鐜欐嚟鐨勬暎镳瑰湣鍙嫆嬫锡'出错：<87>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鐜欐嚟鐨勬暎镳瑰湣鍙嫆嬫锡'出错：<8f>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鐜欐嚟鐨勬暎镳瑰湣鍙嫆嬫锡'出错：<e7>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鐜欐嚟鐨勬暎镳瑰湣鍙嫆嬫锡'出错：<9a>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鐜欐嚟鐨勬暎镳瑰湣鍙嫆嬫锡'出错：<84>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鐜欐嚟鐨勬暎镳瑰湣鍙嫆嬫锡'出错：<e6>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鐜欐嚟鐨勬暎镳瑰湣鍙嫆嬫锡'出错：<95>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鐜欐嚟鐨勬暎镳瑰湣鍙嫆嬫锡'出错：<a3>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鍙楁噥鐨勬暎鐑瑰湴鍙婃嫙锡 '出错：<e7>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鍙楁噥鐨勬暎鐑瑰湴鍙婃嫙锡 '出错：<82>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鍙楁噥鐨勬暎鐑瑰湴鍙婃嫙锡 '出错：<b9>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鍙楁噥鐨勬暎鐑瑰湴鍙婃嫙锡 '出错：<e5>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鍙楁噥鐨勬暎鐑瑰湴鍙婃嫙锡 '出错：<9b>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鍙楁噥鐨勬暎鐑瑰湴鍙婃嫙锡 '出错：<be>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鍙楁噥鐨勬暎鐑瑰湴鍙婃嫙锡 '出错：<e5>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鍙楁噥鐨勬暎鐑瑰湴鍙婃嫙锡 '出错：<8f>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鍙楁噥鐨勬暎鐑瑰湴鍙婃嫙锡 '出错：<8a>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粬鍙楁噥鐨勬暎鐑瑰湴鍙婃嫙锡 '出错：<e6>代
## 替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 €间笐鍏朵粬鍙樻楗嘲鐠勬暎镶瑰湼鍙悰嫩鍚 '出错：<8b>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 €间笐鍏朵粬鍙樻楗嘲鐠勬暎镶瑰湼鍙悰嫩鍚 '出错：<9f>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 €间笐鍏朵粬鍙樻楗嘲鐠勬暎镶瑰湼鍙悰嫩鍚 '出错：<e5>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 €间笐鍏朵粬鍙樻楗嘲鐠勬暎镶瑰湼鍙悰嫩鍚 '出错：<90>代
## 替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 €间笐鍏朵粬鍙樻楗嘲鐠勬暎镶瑰湼鍙悰嫩鍚 '出错：<88>代
## 替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 €间笐鍏朵粬鍙樻楗嘲鐠勬暎镶瑰湼鍙悰嫩鍚 '出错：<e6>代
## 替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 €间笐鍏朵粬鍙樻楗嘲鐠勬暎镶瑰湼鍙悰嫩鍚 '出错：<88>代
## 替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 €间笐鍏朵粬鍙樻楗嘲鐠勬暎镶瑰湼鍙悰嫩鍚 '出错：<bf>代
## 替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 €间笐鍏朵粬鍙樻楗嘲鐠勬暎镶瑰湼鍙悰嫩鍚 '出错：<e4>代
## 替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 €间笐鍏朵粬鍙樻楗嘲鐠勬暎镶瑰湼鍙悰嫩鍚 '出错：<bb>代
## 替了dot
```

```
## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芽鍏朵粬鍙樻噺噹鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<b7>代
## 替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芽鍏朵粬鍙樻噺噹鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<e4>代
## 替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芽鍏朵粬鍙樻噺噹鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<b8>代
## 替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芽鍏朵粬鍙樻噺噹鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<ad>代
## 替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芽鍏朵粬鍙樻噺噹鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<e5>代
## 替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芽鍏朵粬鍙樻噺噹鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<80>代
## 替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芽鍏朵粬鍙樻噺噹鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<bc>代
## 替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芽鍏朵粬鍙樻噺噹鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<e4>代
## 替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芽鍏朵粬鍙樻噺噹鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<b8>代
## 替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芽鍏朵粬鍙樻噺噹鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<8e>代
## 替了dot
```

```
## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芽鍏朵粬鍙樻噺噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<e5>代
## 替了dot
```

```
## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芽鍏朵粬鍙樻噺噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<85>代
## 替了dot
```

```
## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芽鍏朵粬鍙樻噺噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<b6>代
## 替了dot
```

```
## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芽鍏朵粬鍙樻噺噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<e4>代
## 替了dot
```

```
## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芽鍏朵粬鍙樻噺噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<bb>代
## 替了dot
```

```
## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芽鍏朵粬鍙樻噺噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<96>代
## 替了dot
```

```
## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芽鍏朵粬鍙樻噺噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<e5>代
## 替了dot
```

```
## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芽鍏朵粬鍙樻噺噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<8f>代
## 替了dot
```

```
## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芽鍏朵粬鍙樻噺噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<98>代
## 替了dot
```

```
## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间芽鍏朵粬鍙樻噺噺鐨勬暎鐐瑰浘鍙婃嫙鍚 '出错：<e9>代
## 替了dot
```

```
## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粙鍙橀嚇鐨勬暎鐐瑰浘鍙婃嫙鍚'出错：<87>代
## 替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粙鍙橀嚇鐨勬暎鐐瑰浘鍙婃嫙鍚'出错：<8f>代
## 替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粙鍙橀嚇鐨勬暎鐐瑰浘鍙婃嫙鍚'出错：<e7>代
## 替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粙鍙橀嚇鐨勬暎鐐瑰浘鍙婃嫙鍚'出错：<9a>代
## 替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粙鍙橀嚇鐨勬暎鐐瑰浘鍙婃嫙鍚'出错：<84>代
## 替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粙鍙橀嚇鐨勬暎鐐瑰浘鍙婃嫙鍚'出错：<e6>代
## 替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粙鍙橀嚇鐨勬暎鐐瑰浘鍙婃嫙鍚'出错：<95>代
## 替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粙鍙橀嚇鐨勬暎鐐瑰浘鍙婃嫙鍚'出错：<a3>代
## 替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粙鍙橀嚇鐨勬暎鐐瑰浘鍙婃嫙鍚'出错：<e7>代
## 替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笋鍏朵粙鍙橀嚇鐨勬暎鐐瑰浘鍙婃嫙鍚'出错：<82>代
## 替了dot
```

```
## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙樻櫙噹钻勬暎镔瑰涀鍙婃嫝镪'出错：<b9>代
## 替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙樻櫙噹钻勬暎镔瑰涀鍙婃嫝镪'出错：<e5>代
## 替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙樻櫙噹钻勬暎镔瑰涀鍙婃嫝镪'出错：<9b>代
## 替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙樻櫙噹钻勬暎镔瑰涀鍙婃嫝镪'出错：<be>代
## 替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙樻櫙噹钻勬暎镔瑰涀鍙婃嫝镪'出错：<e5>代
## 替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙樻櫙噹钻勬暎镔瑰涀鍙婃嫝镪'出错：<8f>代
## 替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙樻櫙噹钻勬暎镔瑰涀鍙婃嫝镪'出错：<8a>代
## 替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙樻櫙噹钻勬暎镔瑰涀鍙婃嫝镪'出错：<e6>代
## 替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙樻櫙噹钻勬暎镔瑰涀鍙婃嫝镪'出错：<8b>代
## 替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙樻櫙噹钻勬暎镔瑰涀鍙婃嫝镪'出错：<9f>代
## 替了dot
```

```
## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙橀噺嚈鐨勬暎鐐瑰浘鍙婂嫄'出错：<e5>代
## 替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙橀噺嚈鐨勬暎鐐瑰浘鍙婂嫄'出错：<90>代
## 替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€间笌鍏朵粬鍙橀噺嚈鐨勬暎鐐瑰浘鍙婂嫄'出错：<88>代
## 替了dot
```


可以明显地看到，房价中值 (medv) 和平均房间数 (rm) 具有较为显著的正相关关系，和低收入人口比例 (lstat) 具有较为显著的负相关关系。

结合以上两图我们可以得出结论：

-

房价中值 (medv) 的分析

根据变量 chas，即是否临近 Charles 河，做出房价分布的直方图：

```r
Boston$chas=factor(Boston$chas)
ggplot(Boston, aes(x = medv, fill = chas)) +
  geom_histogram(position = "identity", alpha = 0.4,bins=30)+
  ggtitle("房价中值(medv)的频数分布直方图(按是否临近查尔斯河分类)")
```

Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
'mbcsToSbcs'里转换'鎴夸环涓 € (medv)鐨勯 鏉板垎甯冪洿鏂瑰浘(鎸夋槸锡︿复杩戞煡灏
旀柉娌冲垎绫)'出错：<e6>代替了dot

Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
'mbcsToSbcs'里转换'鎴夸环涓 € (medv)鐨勯 鏉板垎甯冪洿鏂瑰浘(鎸夋槸锡︿复杩戞煡灏
旀柉娌冲垎绫)'出错：<88>代替了dot

Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
'mbcsToSbcs'里转换'鎴夸环涓 € (medv)鐨勯 鏉板垎甯冪洿鏂瑰浘(鎸夋槸锡︿复杩戞煡灏
旀柉娌冲垎绫)'出错：<bf>代替了dot

Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
'mbcsToSbcs'里转换'鎴夸环涓 € (medv)鐨勯 鏉板垎甯冪洿鏂瑰浘(鎸夋槸锡︿复杩戞煡灏
旀柉娌冲垎绫)'出错：<e4>代替了dot

Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
'mbcsToSbcs'里转换'鎴夸环涓 € (medv)鐨勯 鏉板垎甯冪洿鏂瑰浘(鎸夋槸锡︿复杩戞煡灏
旀柉娌冲垎绫)'出错：<bb>代替了dot

Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
'mbcsToSbcs'里转换'鎴夸环涓 € (medv)鐨勯 鏉板垎甯冪洿鏂瑰浘(鎸夋槸锡︿复杩戞煡灏
旀柉娌冲垎绫)'出错：<b7>代替了dot

Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
'mbcsToSbcs'里转换'鎴夸环涓 € (medv)鐨勯 鏉板垎甯冪洿鏂瑰浘(鎸夋槸锡︿复杩戞煡灏
旀柉娌冲垎绫)'出错：<e4>代替了dot

Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
'mbcsToSbcs'里转换'鎴夸环涓 € (medv)鐨勯 鏉板垎甯冪洿鏂瑰浘(鎸夋槸锡︿复杩戞煡灏
旀柉娌冲垎绫)'出错：<b8>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐪勭 鑲板垎甯冪洿鏄剧幇(鎷夋櫠鍚︿复杩戞焕灏
## 旀柊娌冲垟绠)'出错：<ad>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐪勭 鑲板垎甯冪洿鏄剧幇(鎷夋櫠鍚︿复杩戞焕灏
## 旀柊娌冲垟绠)'出错：<e5>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐪勭 鑲板垎甯冪洿鏄剧幇(鎷夋櫠鍚︿复杩戞焕灏
## 旀柊娌冲垟绠)'出错：<80>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐪勭 鑲板垎甯冪洿鏄剧幇(鎷夋櫠鍚︿复杩戞焕灏
## 旀柊娌冲垟绠)'出错：<bc>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐪勭 鑲板垎甯冪洿鏄剧幇(鎷夋櫠鍚︿复杩戞焕灏
## 旀柊娌冲垟绠)'出错：<e7>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐪勭 鑲板垎甯冪洿鏄剧幇(鎷夋櫠鍚︿复杩戞焕灏
## 旀柊娌冲垟绠)'出错：<9a>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐪勭 鑲板垎甯冪洿鏄剧幇(鎷夋櫠鍚︿复杩戞焕灏
## 旀柊娌冲垟绠)'出错：<84>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐪勭 鑲板垎甯冪洿鏄剧幇(鎷夋櫠鍚︿复杩戞焕灏
## 旀柊娌冲垟绠)'出错：<e9>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐪勭 鑲板垎甯冪洿鏄剧幇(鎷夋櫠鍚︿复杩戞焕灏
## 旀柊娌冲垟绠)'出错：<a2>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐪勭 鑲板垎甯冪洿鏄剧幇(鎷夋櫠鍚︿复杩戞焕灏
## 旀柊娌冲垟绠)'出错：<91>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 镶板垎甯冪洿鏂瑰浘(鎼炵槼锡︿复杩戞煡灏
## 旀柉娅冲垎绲)'出错：<e6>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 镶板垎甯冪洿鏂瑰浘(鎼炵槼锡︿复杩戞煡灏
## 旀柉娅冲垎绲)'出错：<95>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 镶板垎甯冪洿鏂瑰浘(鎼炵槼锡︿复杩戞煡灏
## 旀柉娅冲垎绲)'出错：<b0>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 镶板垎甯冪洿鏂瑰浘(鎼炵槼锡︿复杩戞煡灏
## 旀柉娅冲垎绲)'出错：<e5>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 镶板垎甯冪洿鏂瑰浘(鎼炵槼锡︿复杩戞煡灏
## 旀柉娅冲垎绲)'出错：<88>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 镶板垎甯冪洿鏂瑰浘(鎼炵槼锡︿复杩戞煡灏
## 旀柉娅冲垎绲)'出错：<86>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 镶板垎甯冪洿鏂瑰浘(鎼炵槼锡︿复杩戞煡灏
## 旀柉娅冲垎绲)'出错：<e5>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 镶板垎甯冪洿鏂瑰浘(鎼炵槼锡︿复杩戞煡灏
## 旀柉娅冲垎绲)'出错：<b8>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 镶板垎甯冪洿鏂瑰浘(鎼炵槼锡︿复杩戞煡灏
## 旀柉娅冲垎绲)'出错：<83>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 镶板垎甯冪洿鏂瑰浘(鎼炵槼锡︿复杩戞煡灏
## 旀柉娅冲垎绲)'出错：<e7>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鐌夸环涓€(medv)鑽勭 鑻板垎甯冪洿鏂瑰浘(鐫夊楜鍚﹀复杩戞煡灏
## 旀枝娾冲垎缁)'出错：<9b>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鐌夸环涓€(medv)鑽勭 鑻板垎甯冪洿鏂瑰浘(鐫夊楜鍚﹀复杩戞煡灏
## 旀枝娾冲垎缁)'出错：<b4>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鐌夸环涓€(medv)鑽勭 鑻板垎甯冪洿鏂瑰浘(鐫夊楜鍚﹀复杩戞煡灏
## 旀枝娾冲垎缁)'出错：<e6>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鐌夸环涓€(medv)鑽勭 鑻板垎甯冪洿鏂瑰浘(鐫夊楜鍚﹀复杩戞煡灏
## 旀枝娾冲垎缁)'出错：<96>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鐌夸环涓€(medv)鑽勭 鑻板垎甯冪洿鏂瑰浘(鐫夊楜鍚﹀复杩戞煡灏
## 旀枝娾冲垎缁)'出错：<b9>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鐌夸环涓€(medv)鑽勭 鑻板垎甯冪洿鏂瑰浘(鐫夊楜鍚﹀复杩戞煡灏
## 旀枝娾冲垎缁)'出错：<e5>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鐌夸环涓€(medv)鑽勭 鑻板垎甯冪洿鏂瑰浘(鐫夊楜鍚﹀复杩戞煡灏
## 旀枝娾冲垎缁)'出错：<9b>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鐌夸环涓€(medv)鑽勭 鑻板垎甯冪洿鏂瑰浘(鐫夊楜鍚﹀复杩戞煡灏
## 旀枝娾冲垎缁)'出错：<be>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鐌夸环涓€(medv)鑽勭 鑻板垎甯冪洿鏂瑰浘(鐫夊楜鍚﹀复杩戞煡灏
## 旀枝娾冲垎缁)'出错：<e6>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鐌夸环涓€(medv)鑽勭 鑻板垎甯冪洿鏂瑰浘(鐫夊楜鍚﹀复杩戞煡灏
## 旀枝娾冲垎缁)'出错：<8c>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐪勫 镵板垎甯冪洿鏂瑰浘(鐪夊槳鍚︿复枬戞熼灏
## 旀柊娌冲垹绫)'出错：<89>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐪勫 镵板垎甯冪洿鏂瑰浘(鐪夊槳鍚︿复枬戞熼灏
## 旀柊娌冲垹绫)'出错：<e6>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐪勫 镵板垎甯冪洿鏂瑰浘(鐪夊槳鍚︿复枬戞熼灏
## 旀柊娌冲垹绫)'出错：<98>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐪勫 镵板垎甯冪洿鏂瑰浘(鐪夊槳鍚︿复枬戞熼灏
## 旀柊娌冲垹绫)'出错：<af>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐪勫 镵板垎甯冪洿鏂瑰浘(鐪夊槳鍚︿复枬戞熼灏
## 旀柊娌冲垹绫)'出错：<e5>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐪勫 镵板垎甯冪洿鏂瑰浘(鐪夊槳鍚︿复枬戞熼灏
## 旀柊娌冲垹绫)'出错：<90>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐪勫 镵板垎甯冪洿鏂瑰浘(鐪夊槳鍚︿复枬戞熼灏
## 旀柊娌冲垹绫)'出错：<a6>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐪勫 镵板垎甯冪洿鏂瑰浘(鐪夊槳鍚︿复枬戞熼灏
## 旀柊娌冲垹绫)'出错：<e4>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐪勫 镵板垎甯冪洿鏂瑰浘(鐪夊槳鍚︿复枬戞熼灏
## 旀柊娌冲垹绫)'出错：<b8>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐪勫 镵板垎甯冪洿鏂瑰浘(鐪夊槳鍚︿复枬戞熼灏
## 旀柊娌冲垹绫)'出错：<b4>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勯 鏉挎牱甯冪泲鍥惧浘(鐫犲樋鍚︿复杩戞熀灏
## 旀柉娌冲垎缁)'出错：<e8>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勯 鏉挎牱甯冪泲鍥惧浘(鐫犲樋鍚︿复杩戞熀灏
## 旀柉娌冲垎缁)'出错：<bf>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勯 鏉挎牱甯冪泲鍥惧浘(鐫犲樋鍚︿复杩戞熀灏
## 旀柉娌冲垎缁)'出错：<91>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勯 鏉挎牱甯冪泲鍥惧浘(鐫犲樋鍚︿复杩戞熀灏
## 旀柉娌冲垎缁)'出错：<e6>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勯 鏉挎牱甯冪泲鍥惧浘(鐫犲樋鍚︿复杩戞熀灏
## 旀柉娌冲垎缁)'出错：<9f>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勯 鏉挎牱甯冪泲鍥惧浘(鐫犲樋鍚︿复杩戞熀灏
## 旀柉娌冲垎缁)'出错：<a5>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勯 鏉挎牱甯冪泲鍥惧浘(鐫犲樋鍚︿复杩戞熀灏
## 旀柉娌冲垎缁)'出错：<e5>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勯 鏉挎牱甯冪泲鍥惧浘(鐫犲樋鍚︿复杩戞熀灏
## 旀柉娌冲垎缁)'出错：<b0>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勯 鏉挎牱甯冪泲鍥惧浘(鐫犲樋鍚︿复杩戞熀灏
## 旀柉娌冲垎缁)'出错：<94>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勯 鏉挎牱甯冪泲鍥惧浘(鐫犲樋鍚︿复杩戞熀灏
## 旀柉娌冲垎缁)'出错：<e6>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 镞板垎甯冪洿鏂瑰浘(鎼炵樼锡︿复杩戞煡灏
## 旀柉娌冲垎绫)'出错：<96>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 镞板垎甯冪洿鏂瑰浘(鎼炵樼锡︿复杩戞煡灏
## 旀柉娌冲垎绫)'出错：<af>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 镞板垎甯冪洿鏂瑰浘(鎼炵樼锡︿复杩戞煡灏
## 旀柉娌冲垎绫)'出错：<e6>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 镞板垎甯冪洿鏂瑰浘(鎼炵樼锡︿复杩戞煡灏
## 旀柉娌冲垎绫)'出错：<b2>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 镞板垎甯冪洿鏂瑰浘(鎼炵樼锡︿复杩戞煡灏
## 旀柉娌冲垎绫)'出错：<b3>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 镞板垎甯冪洿鏂瑰浘(鎼炵樼锡︿复杩戞煡灏
## 旀柉娌冲垎绫)'出错：<e5>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 镞板垎甯冪洿鏂瑰浘(鎼炵樼锡︿复杩戞煡灏
## 旀柉娌冲垎绫)'出错：<88>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 镞板垎甯冪洿鏂瑰浘(鎼炵樼锡︿复杩戞煡灏
## 旀柉娌冲垎绫)'出错：<86>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 镞板垎甯冪洿鏂瑰浘(鎼炵樼锡︿复杩戞煡灏
## 旀柉娌冲垎绫)'出错：<e7>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 镞板垎甯冪洿鏂瑰浘(鎼炵樼锡︿复杩戞煡灏
## 旀柉娌冲垎绫)'出错：<b1>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐖勭 鑺板垎甯冪洿鐭瑰浘(鑴炎槭鍚︿复杩戞煡灏
## 旀柉娌冲垶绫)'出错：<bb>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐖勭 鑺板垎甯冪洿鐭瑰浘(鑴炎槭鍚︿复杩戞煡灏
## 旀柉娌冲垶绫)'出错：<e6>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐖勭 鑺板垎甯冪洿鐭瑰浘(鑴炎槭鍚︿复杩戞煡灏
## 旀柉娌冲垶绫)'出错：<88>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐖勭 鑺板垎甯冪洿鐭瑰浘(鑴炎槭鍚︿复杩戞煡灏
## 旀柉娌冲垶绫)'出错：<bf>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐖勭 鑺板垎甯冪洿鐭瑰浘(鑴炎槭鍚︿复杩戞煡灏
## 旀柉娌冲垶绫)'出错：<e4>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐖勭 鑺板垎甯冪洿鐭瑰浘(鑴炎槭鍚︿复杩戞煡灏
## 旀柉娌冲垶绫)'出错：<bb>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐖勭 鑺板垎甯冪洿鐭瑰浘(鑴炎槭鍚︿复杩戞煡灏
## 旀柉娌冲垶绫)'出错：<b7>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐖勭 鑺板垎甯冪洿鐭瑰浘(鑴炎槭鍚︿复杩戞煡灏
## 旀柉娌冲垶绫)'出错：<e4>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐖勭 鑺板垎甯冪洿鐭瑰浘(鑴炎槭鍚︿复杩戞煡灏
## 旀柉娌冲垶绫)'出错：<b8>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐖勭 鑺板垎甯冪洿鐭瑰浘(鑴炎槭鍚︿复杩戞煡灏
## 旀柉娌冲垶绫)'出错：<ad>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏋板垎甯冪洿鏂瑰浘(鐪夊樊鍚︿复杩戞煯灏
## 旀桍娌冲垎缁)'出错：<e5>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏋板垎甯冪洿鏂瑰浘(鐪夊樊鍚︿复杩戞煯灏
## 旀桍娌冲垎缁)'出错：<80>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏋板垎甯冪洿鏂瑰浘(鐪夊樊鍚︿复杩戞煯灏
## 旀桍娌冲垎缁)'出错：<bc>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏋板垎甯冪洿鏂瑰浘(鐪夊樊鍚︿复杩戞煯灏
## 旀桍娌冲垎缁)'出错：<e7>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏋板垎甯冪洿鏂瑰浘(鐪夊樊鍚︿复杩戞煯灏
## 旀桍娌冲垎缁)'出错：<9a>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏋板垎甯冪洿鏂瑰浘(鐪夊樊鍚︿复杩戞煯灏
## 旀桍娌冲垎缁)'出错：<84>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏋板垎甯冪洿鏂瑰浘(鐪夊樊鍚︿复杩戞煯灏
## 旀桍娌冲垎缁)'出错：<e9>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏋板垎甯冪洿鏂瑰浘(鐪夊樊鍚︿复杩戞煯灏
## 旀桍娌冲垎缁)'出错：<a2>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏋板垎甯冪洿鏂瑰浘(鐪夊樊鍚︿复杩戞煯灏
## 旀桍娌冲垎缁)'出错：<91>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏋板垎甯冪洿鏂瑰浘(鐪夊樊鍚︿复杩戞煯灏
## 旀桍娌冲垎缁)'出错：<e6>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鎼板垎甯冪洿鏂瑰浘(鎴夎槡锡︿复杩戞煷灏
## 旀柉娌冲垝绫)'出错：<95>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鎼板垎甯冪洿鏂瑰浘(鎴夎槡锡︿复杩戞煷灏
## 旀柉娌冲垝绫)'出错：<b0>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鎼板垎甯冪洿鏂瑰浘(鎴夎槡锡︿复杩戞煷灏
## 旀柉娌冲垝绫)'出错：<e5>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鎼板垎甯冪洿鏂瑰浘(鎴夎槡锡︿复杩戞煷灏
## 旀柉娌冲垝绫)'出错：<88>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鎼板垎甯冪洿鏂瑰浘(鎴夎槡锡︿复杩戞煷灏
## 旀柉娌冲垝绫)'出错：<86>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鎼板垎甯冪洿鏂瑰浘(鎴夎槡锡︿复杩戞煷灏
## 旀柉娌冲垝绫)'出错：<e5>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鎼板垎甯冪洿鏂瑰浘(鎴夎槡锡︿复杩戞煷灏
## 旀柉娌冲垝绫)'出错：<b8>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鎼板垎甯冪洿鏂瑰浘(鎴夎槡锡︿复杩戞煷灏
## 旀柉娌冲垝绫)'出错：<83>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鎼板垎甯冪洿鏂瑰浘(鎴夎槡锡︿复杩戞煷灏
## 旀柉娌冲垝绫)'出错：<e7>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鎼板垎甯冪洿鏂瑰浘(鎴夎槡锡︿复杩戞煷灏
## 旀柉娌冲垝绫)'出错：<9b>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鑽勫 鑻板埅甯冪�[纽(鑴夋�875)'出错：<b4>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鑽勫 鑻板埅甯冪洼块浘(鑴夋�875)'出错：<e6>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鑽勫 鑻板埅甯冪洼块浘(鑴夋�875)'出错：<96>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鑽勫 鑻板埅甯冪洼块浘(鑴夋�875)'出错：<b9>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鑽勫 鑻板埅甯冪洼块浘(鑴夋�875)'出错：<e5>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鑽勫 鑻板埅甯冪洼块浘(鑴夋�875)'出错：<9b>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鑽勫 鑻板埅甯冪洼块浘(鑴夋�875)'出错：<be>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鑽勫 鑻板埅甯冪洼块浘(鑴夋�875)'出错：<e6>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鑽勫 鑻板埅甯冪洼块浘(鑴夋�875)'出错：<8c>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鑽勫 鑻板埅甯冪洼块浘(鑴夋�875)'出错：<89>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鑴板垎甯冪洿鏂瑰浘(鐪佹�暟锡︿复杩戞煍灏
## 旀柊娌冲垯绠)'出错: <e6>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鑴板垎甯冪洿鏂瑰浘(鐪佹椆锡︿复杩戞煍灏
## 旀柊娌冲垯绠)'出错: <98>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鑴板垎甯冪洿鏂瑰浘(鐪佹椆锡︿复杩戞煍灏
## 旀柊娌冲垯绠)'出错: <af>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鑴板垎甯冪洿鏂瑰浘(鐪佹椆锡︿复杩戞煍灏
## 旀柊娌冲垯绠)'出错: <e5>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鑴板垎甯冪洿鏂瑰浘(鐪佹椆锡︿复杩戞煍灏
## 旀柊娌冲垯绠)'出错: <90>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鑴板垎甯冪洿鏂瑰浘(鐪佹椆锡︿复杩戞煍灏
## 旀柊娌冲垯绠)'出错: <a6>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鑴板垎甯冪洿鏂瑰浘(鐪佹椆锡︿复杩戞煍灏
## 旀柊娌冲垯绠)'出错: <e4>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鑴板垎甯冪洿鏂瑰浘(鐪佹椆锡︿复杩戞煍灏
## 旀柊娌冲垯绠)'出错: <b8>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鑴板垎甯冪洿鏂瑰浘(鐪佹椆锡︿复杩戞煍灏
## 旀柊娌冲垯绠)'出错: <b4>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鑴板垎甯冪洿鏂瑰浘(鐪佹椆锡︿复杩戞煍灏
## 旀柊娌冲垯绠)'出错: <e8>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鑻板埆甯冪洿鍥捐凨(鐫夎槸鍚︿复杩戞熆灏
## 旀桇娌冲埆绫)'出错：<bf>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鑻板埆甯冪洿鍥捐凨(鐫夎槸鍚︿复杩戞熆灏
## 旀桇娌冲埆绫)'出错：<91>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鑻板埆甯冪洿鍥捐凨(鐫夎槸鍚︿复杩戞熆灏
## 旀桇娌冲埆绫)'出错：<e6>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鑻板埆甯冪洿鍥捐凨(鐫夎槸鍚︿复杩戞熆灏
## 旀桇娌冲埆绫)'出错：<9f>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鑻板埆甯冪洿鍥捐凨(鐫夎槸鍚︿复杩戞熆灏
## 旀桇娌冲埆绫)'出错：<a5>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鑻板埆甯冪洿鍥捐凨(鐫夎槸鍚︿复杩戞熆灏
## 旀桇娌冲埆绫)'出错：<e5>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鑻板埆甯冪洿鍥捐凨(鐫夎槸鍚︿复杩戞熆灏
## 旀桇娌冲埆绫)'出错：<b0>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鑻板埆甯冪洿鍥捐凨(鐫夎槸鍚︿复杩戞熆灏
## 旀桇娌冲埆绫)'出错：<94>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鑻板埆甯冪洿鍥捐凨(鐫夎槸鍚︿复杩戞熆灏
## 旀桇娌冲埆绫)'出错：<e6>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鑻板埆甯冪洿鍥捐凨(鐫夎槸鍚︿复杩戞熆灏
## 旀桇娌冲埆绫)'出错：<96>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏁板垎甯冪洿鏂瑰浘(鑷夎槸鍚︿复杩戞煡灏
## 旀柉娌冲垎绫)'出错：<af>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏁板垎甯冪洿鏂瑰浘(鑷夎槸鍚︿复杩戞煡灏
## 旀柉娌冲垎绫)'出错：<e6>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏁板垎甯冪洿鏂瑰浘(鑷夎槸鍚︿复杩戞煡灏
## 旀柉娌冲垎绫)'出错：<b2>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏁板垎甯冪洿鏂瑰浘(鑷夎槸鍚︿复杩戞煡灏
## 旀柉娌冲垎绫)'出错：<b3>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏁板垎甯冪洿鏂瑰浘(鑷夎槸鍚︿复杩戞煡灏
## 旀柉娌冲垎绫)'出错：<e5>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏁板垎甯冪洿鏂瑰浘(鑷夎槸鍚︿复杩戞煡灏
## 旀柉娌冲垎绫)'出错：<88>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏁板垎甯冪洿鏂瑰浘(鑷夎槸鍚︿复杩戞煡灏
## 旀柉娌冲垎绫)'出错：<86>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏁板垎甯冪洿鏂瑰浘(鑷夎槸鍚︿复杩戞煡灏
## 旀柉娌冲垎绫)'出错：<e7>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏁板垎甯冪洿鏂瑰浘(鑷夎槸鍚︿复杩戞煡灏
## 旀柉娌冲垎绫)'出错：<b1>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏁板垎甯冪洿鏂瑰浘(鑷夎槸鍚︿复杩戞煡灏
## 旀柉娌冲垎绫)'出错：<bb>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐥勫 鑻板垎甯冪洿鏂圭洰(鐠夋檭鍚︿复枃戞煒灏
## 於枝娌冲垎垯绫)'出错：<e6>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐥勫 鑻板垎甯冪洿鏂圭洰(鐠夋檭鍚︿复枃戞煒灏
## 於枝娌冲垎垯绫)'出错：<88>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐥勫 鑻板垎甯冪洿鏂圭洰(鐠夋檭鍚︿复枃戞煒灏
## 於枝娌冲垎垯绫)'出错：<bf>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐥勫 鑻板垎甯冪洿鏂圭洰(鐠夋檭鍚︿复枃戞煒灏
## 於枝娌冲垎垯绫)'出错：<e4>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐥勫 鑻板垎甯冪洿鏂圭洰(鐠夋檭鍚︿复枃戞煒灏
## 於枝娌冲垎垯绫)'出错：<bb>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐥勫 鑻板垎甯冪洿鏂圭洰(鐠夋檭鍚︿复枃戞煒灏
## 於枝娌冲垎垯绫)'出错：<b7>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐥勫 鑻板垎甯冪洿鏂圭洰(鐠夋檭鍚︿复枃戞煒灏
## 於枝娌冲垎垯绫)'出错：<e4>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐥勫 鑻板垎甯冪洿鏂圭洰(鐠夋檭鍚︿复枃戞煒灏
## 於枝娌冲垎垯绫)'出错：<b8>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐥勫 鑻板垎甯冪洿鏂圭洰(鐠夋檭鍚︿复枃戞煒灏
## 於枝娌冲垎垯绫)'出错：<ad>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐥勫 鑻板垎甯冪洿鏂圭洰(鐠夋檭鍚︿复枃戞煒灏
## 於枝娌冲垎垯绫)'出错：<e5>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐟勭 镴板垎甯冪洿鍥捐凬(鐫夈摗锡︿复杩戞�395灏
## 於柊娌冲垨绶)'出错：<80>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐟勭 镴板垎甯冪洿鍥捐凬(鐫夈摗锡︿复杩戞�395灏
## 於柊娌冲垨绶)'出错：<bc>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐟勭 镴板垎甯冪洿鍥捐凬(鐫夈摗锡︿复杩戞�395灏
## 於柊娌冲垨绶)'出错：<e7>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐟勭 镴板垎甯冪洿鍥捐凬(鐫夈摗锡︿复杩戞�395灏
## 於柊娌冲垨绶)'出错：<9a>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐟勭 镴板垎甯冪洿鍥捐凬(鐫夈摗锡︿复杩戞�395灏
## 於柊娌冲垨绶)'出错：<84>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐟勭 镴板垎甯冪洿鍥捐凬(鐫夈摗锡︿复杩戞�395灏
## 於柊娌冲垨绶)'出错：<e9>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐟勭 镴板垎甯冪洿鍥捐凬(鐫夈摗锡︿复杩戞�395灏
## 於柊娌冲垨绶)'出错：<a2>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐟勭 镴板垎甯冪洿鍥捐凬(鐫夈摗锡︿复杩戞�395灏
## 於柊娌冲垨绶)'出错：<91>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐟勭 镴板垎甯冪洿鍥捐凬(鐫夈摗锡︿复杩戞�395灏
## 於柊娌冲垨绶)'出错：<e6>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐟勭 镴板垎甯冪洿鍥捐凬(鐫夈摗锡︿复杩戞�395灏
## 於柊娌冲垨绶)'出错：<95>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏉板垎甯冪洿鏂瑰浘(鐪夎槭鍚︿复杩戞煷灏
## 旀桥娌冲垎绫)'出错：<b0>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏉板垎甯冪洿鏂瑰浘(鐪夎槭鍚︿复杩戞煷灏
## 旀桥娌冲垎绫)'出错：<e5>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏉板垎甯冪洿鏂瑰浘(鐪夎槭鍚︿复杩戞煷灏
## 旀桥娌冲垎绫)'出错：<88>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏉板垎甯冪洿鏂瑰浘(鐪夎槭鍚︿复杩戞煷灏
## 旀桥娌冲垎绫)'出错：<86>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏉板垎甯冪洿鏂瑰浘(鐪夎槭鍚︿复杩戞煷灏
## 旀桥娌冲垎绫)'出错：<e5>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏉板垎甯冪洿鏂瑰浘(鐪夎槭鍚︿复杩戞煷灏
## 旀桥娌冲垎绫)'出错：<b8>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏉板垎甯冪洿鏂瑰浘(鐪夎槭鍚︿复杩戞煷灏
## 旀桥娌冲垎绫)'出错：<83>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏉板垎甯冪洿鏂瑰浘(鐪夎槭鍚︿复杩戞煷灏
## 旀桥娌冲垎绫)'出错：<e7>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏉板垎甯冪洿鏂瑰浘(鐪夎槭鍚︿复杩戞煷灏
## 旀桥娌冲垎绫)'出错：<9b>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏉板垎甯冪洿鏂瑰浘(鐪夎槭鍚︿复杩戞煷灏
## 旀桥娌冲垎绫)'出错：<b4>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏉挎垎甯冪洿鏂瑰浘(鑳屾櫙鍚︿复杩戞煇灏
## 旀柊娌冲埗绣)'出错：<e6>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏉挎垎甯冪洿鏂瑰浘(鑳屾櫙鍚︿复杩戞煇灏
## 旀柊娌冲埗绣)'出错：<96>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏉挎垎甯冪洿鏂瑰浘(鑳屾櫙鍚︿复杩戞煇灏
## 旀柊娌冲埗绣)'出错：<b9>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏉挎垎甯冪洿鏂瑰浘(鑳屾櫙鍚︿复杩戞煇灏
## 旀柊娌冲埗绣)'出错：<e5>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏉挎垎甯冪洿鏂瑰浘(鑳屾櫙鍚︿复杩戞煇灏
## 旀柊娌冲埗绣)'出错：<9b>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏉挎垎甯冪洿鏂瑰浘(鑳屾櫙鍚︿复杩戞煇灏
## 旀柊娌冲埗绣)'出错：<be>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏉挎垎甯冪洿鏂瑰浘(鑳屾櫙鍚︿复杩戞煇灏
## 旀柊娌冲埗绣)'出错：<e6>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏉挎垎甯冪洿鏂瑰浘(鑳屾櫙鍚︿复杩戞煇灏
## 旀柊娌冲埗绣)'出错：<8c>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏉挎垎甯冪洿鏂瑰浘(鑳屾櫙鍚︿复杩戞煇灏
## 旀柊娌冲埗绣)'出错：<89>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏉挎垎甯冪洿鏂瑰浘(鑳屾櫙鍚︿复杩戞煇灏
## 旀柊娌冲埗绣)'出错：<e6>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 镍板垎甯冪洿鏂瑰浘(鑷爰楸锡乀复杩戞煢灏
## 旀枟娌冲垎垹绋)'出错：<98>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 镍板垎甯冪洿鏂瑰浘(鑷爰楸锡乀复杩戞煢灏
## 旀枟娌冲垎垹绋)'出错：<af>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 镍板垎甯冪洿鏂瑰浘(鑷爰楸锡乀复杩戞煢灏
## 旀枟娌冲垎垹绋)'出错：<e5>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 镍板垎甯冪洿鏂瑰浘(鑷爰楸锡乀复杩戞煢灏
## 旀枟娌冲垎垹绋)'出错：<90>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 镍板垎甯冪洿鏂瑰浘(鑷爰楸锡乀复杩戞煢灏
## 旀枟娌冲垎垹绋)'出错：<a6>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 镍板垎甯冪洿鏂瑰浘(鑷爰楸锡乀复杩戞煢灏
## 旀枟娌冲垎垹绋)'出错：<e4>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 镍板垎甯冪洿鏂瑰浘(鑷爰楸锡乀复杩戞煢灏
## 旀枟娌冲垎垹绋)'出错：<b8>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 镍板垎甯冪洿鏂瑰浘(鑷爰楸锡乀复杩戞煢灏
## 旀枟娌冲垎垹绋)'出错：<b4>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 镍板垎甯冪洿鏂瑰浘(鑷爰楸锡乀复杩戞煢灏
## 旀枟娌冲垎垹绋)'出错：<e8>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 镍板垎甯冪洿鏂瑰浘(鑷爰楸锡乀复杩戞煢灏
## 旀枟娌冲垎垹绋)'出错：<bf>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 镍板垎甯冪洿鏂瑰浘(鐫夋樴锡︿复杩戞煷灏
## 旀枼娌冲垎绫)'出错: <91>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 镍板垎甯冪洿鏂瑰浘(鐫夋樴锡︿复杩戞煷灏
## 旀枼娌冲垎绫)'出错: <e6>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 镍板垎甯冪洿鏂瑰浘(鐫夋樴锡︿复杩戞煷灏
## 旀枼娌冲垎绫)'出错: <9f>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 镍板垎甯冪洿鏂瑰浘(鐫夋樴锡︿复杩戞煷灏
## 旀枼娌冲垎绫)'出错: <a5>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 镍板垎甯冪洿鏂瑰浘(鐫夋樴锡︿复杩戞煷灏
## 旀枼娌冲垎绫)'出错: <e5>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 镍板垎甯冪洿鏂瑰浘(鐫夋樴锡︿复杩戞煷灏
## 旀枼娌冲垎绫)'出错: <b0>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 镍板垎甯冪洿鏂瑰浘(鐫夋樴锡︿复杩戞煷灏
## 旀枼娌冲垎绫)'出错: <94>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 镍板垎甯冪洿鏂瑰浘(鐫夋樴锡︿复杩戞煷灏
## 旀枼娌冲垎绫)'出错: <e6>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 镍板垎甯冪洿鏂瑰浘(鐫夋樴锡︿复杩戞煷灏
## 旀枼娌冲垎绫)'出错: <96>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 镍板垎甯冪洿鏂瑰浘(鐫夋樴锡︿复杩戞煷灏
## 旀枼娌冲垎绫)'出错: <af>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐟勯 鏁板垎甯冩�456瑰浘(鐫夋槸锡冖复杩戞燁灏
## 旀枬娌冲垎缁)'出错：<e6>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐟勯 鏁板垎甯冩�456瑰浘(鐫夋槸锡冖复杩戞燁灏
## 旀枬娌冲垎缁)'出错：<b2>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐟勯 鏁板垎甯冩�456瑰浘(鐫夋槸锡冖复杩戞燁灏
## 旀枬娌冲垎缁)'出错：<b3>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐟勯 鏁板垎甯冩�456瑰浘(鐫夋槸锡冖复杩戞燁灏
## 旀枬娌冲垎缁)'出错：<e5>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐟勯 鏁板垎甯冩�456瑰浘(鐫夋槸锡冖复杩戞燁灏
## 旀枬娌冲垎缁)'出错：<88>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐟勯 鏁板垎甯冩�456瑰浘(鐫夋槸锡冖复杩戞燁灏
## 旀枬娌冲垎缁)'出错：<86>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐟勯 鏁板垎甯冩�456瑰浘(鐫夋槸锡冖复杩戞燁灏
## 旀枬娌冲垎缁)'出错：<e7>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐟勯 鏁板垎甯冩�456瑰浘(鐫夋槸锡冖复杩戞燁灏
## 旀枬娌冲垎缁)'出错：<b1>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐟勯 鏁板垎甯冩�456瑰浘(鐫夋槸锡冖复杩戞燁灏
## 旀枬娌冲垎缁)'出错：<bb>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐟勯 鏁板垎甯冩�456瑰浘(鐫夋槸锡冖复杩戞燁灏
## 旀枬娌冲垎缁)'出错：<e6>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 镍板垎甯冪洿鏂圭洹(鐪夊椡锡︿复杩戞煡灏
## 旂枊娌冲垎绫)'出错：<88>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 镍板垎甯冪洿鏂圭洹(鐪夊椡锡︿复杩戞煡灏
## 旂枊娌冲垎绫)'出错：<bf>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 镍板垎甯冪洿鏂圭洹(鐪夊椡锡︿复杩戞煡灏
## 旂枊娌冲垎绫)'出错：<e4>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 镍板垎甯冪洿鏂圭洹(鐪夊椡锡︿复杩戞煡灏
## 旂枊娌冲垎绫)'出错：<bb>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 镍板垎甯冪洿鏂圭洹(鐪夊椡锡︿复杩戞煡灏
## 旂枊娌冲垎绫)'出错：<b7>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 镍板垎甯冪洿鏂圭洹(鐪夊椡锡︿复杩戞煡灏
## 旂枊娌冲垎绫)'出错：<e4>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 镍板垎甯冪洿鏂圭洹(鐪夊椡锡︿复杩戞煡灏
## 旂枊娌冲垎绫)'出错：<b8>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 镍板垎甯冪洿鏂圭洹(鐪夊椡锡︿复杩戞煡灏
## 旂枊娌冲垎绫)'出错：<ad>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 镍板垎甯冪洿鏂圭洹(鐪夊椡锡︿复杩戞煡灏
## 旂枊娌冲垎绫)'出错：<e5>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 镍板垎甯冪洿鏂圭洹(鐪夊椡锡︿复杩戞煡灏
## 旂枊娌冲垎绫)'出错：<80>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鎼版牱甯冨眬鍥鹃槄(鎼瓟槲鍚︿复枃戞熀灏
## 旀柭娌冲牚绫)'出错：<bc>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鎼版牱甯冨眬鍥鹃槄(鎼瓟槲鍚︿复枃戞熀灏
## 旀柭娌冲牚绫)'出错：<e7>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鎼版牱甯冨眬鍥鹃槄(鎼瓟槲鍚︿复枃戞熀灏
## 旀柭娌冲牚绫)'出错：<9a>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鎼版牱甯冨眬鍥鹃槄(鎼瓟槲鍚︿复枃戞熀灏
## 旀柭娌冲牚绫)'出错：<84>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鎼版牱甯冨眬鍥鹃槄(鎼瓟槲鍚︿复枃戞熀灏
## 旀柭娌冲牚绫)'出错：<e9>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鎼版牱甯冨眬鍥鹃槄(鎼瓟槲鍚︿复枃戞熀灏
## 旀柭娌冲牚绫)'出错：<a2>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鎼版牱甯冨眬鍥鹃槄(鎼瓟槲鍚︿复枃戞熀灏
## 旀柭娌冲牚绫)'出错：<91>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鎼版牱甯冨眬鍥鹃槄(鎼瓟槲鍚︿复枃戞熀灏
## 旀柭娌冲牚绫)'出错：<e6>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鎼版牱甯冨眬鍥鹃槄(鎼瓟槲鍚︿复枃戞熀灏
## 旀柭娌冲牚绫)'出错：<95>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鎼版牱甯冨眬鍥鹃槄(鎼瓟槲鍚︿复枃戞熀灏
## 旀柭娌冲牚绫)'出错：<b0>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏋板垎甯冪洿鏂瑰浘(鑷�◣楋綖复杩戞煡灏
## 旀柉娾冲垯缁)'出错：<e5>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏋板垎甯冪洿鏂瑰浘(鑷�◣楋綖复杩戞煡灏
## 旀柉娾冲垯缁)'出错：<88>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏋板垎甯冪洿鏂瑰浘(鑷�◣楋綖复杩戞煡灏
## 旀柉娾冲垯缁)'出错：<86>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏋板垎甯冪洿鏂瑰浘(鑷�◣楋綖复杩戞煡灏
## 旀柉娾冲垯缁)'出错：<e5>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏋板垎甯冪洿鏂瑰浘(鑷�◣楋綖复杩戞煡灏
## 旀柉娾冲垯缁)'出错：<b8>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏋板垎甯冪洿鏂瑰浘(鑷�◣楋綖复杩戞煡灏
## 旀柉娾冲垯缁)'出错：<83>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏋板垎甯冪洿鏂瑰浘(鑷�◣楋綖复杩戞煡灏
## 旀柉娾冲垯缁)'出错：<e7>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏋板垎甯冪洿鏂瑰浘(鑷�◣楋綖复杩戞煡灏
## 旀柉娾冲垯缁)'出错：<9b>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏋板垎甯冪洿鏂瑰浘(鑷�◣楋綖复杩戞煡灏
## 旀柉娾冲垯缁)'出错：<b4>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏋板垎甯冪洿鏂瑰浘(鑷�◣楋綖复杩戞煡灏
## 旀柉娾冲垯缁)'出错：<e6>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 镙板垎甯冪洿鏂瑰浘(鎸夊楁鍚︿复杩戞煆灏
## 旇桉娌冲垎垎绫)'出错：<96>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 镙板垎甯冪洿鏂瑰浘(鎸夊楁鍚︿复杩戞煆灏
## 旇桉娌冲垎垎绫)'出错：<b9>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 镙板垎甯冪洿鏂瑰浘(鎸夊楁鍚︿复杩戞煆灏
## 旇桉娌冲垎垎绫)'出错：<e5>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 镙板垎甯冪洿鏂瑰浘(鎸夊楁鍚︿复杩戞煆灏
## 旇桉娌冲垎垎绫)'出错：<9b>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 镙板垎甯冪洿鏂瑰浘(鎸夊楁鍚︿复杩戞煆灏
## 旇桉娌冲垎垎绫)'出错：<be>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 镙板垎甯冪洿鏂瑰浘(鎸夊楁鍚︿复杩戞煆灏
## 旇桉娌冲垎垎绫)'出错：<e6>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 镙板垎甯冪洿鏂瑰浘(鎸夊楁鍚︿复杩戞煆灏
## 旇桉娌冲垎垎绫)'出错：<8c>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 镙板垎甯冪洿鏂瑰浘(鎸夊楁鍚︿复杩戞煆灏
## 旇桉娌冲垎垎绫)'出错：<89>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 镙板垎甯冪洿鏂瑰浘(鎸夊楁鍚︿复杩戞煆灏
## 旇桉娌冲垎垎绫)'出错：<e6>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 镙板垎甯冪洿鏂瑰浘(鎸夊楁鍚︿复杩戞煆灏
## 旇桉娌冲垎垎绫)'出错：<98>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 € (medv)鐪勭 锛板垎甯冪洿鏂归湼(鐫夊枡鍚︿复枂戞熿灏
## 旀柊娌冲垎垎绫)'出错：<af>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 € (medv)鐪勭 锛板垎甯冪洿鏂归湼(鐫夊枡鍚︿复枂戞熿灏
## 旀柊娌冲垎垎绫)'出错：<e5>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 € (medv)鐪勭 锛板垎甯冪洿鏂归湼(鐫夊枡鍚︿复枂戞熿灏
## 旀柊娌冲垎垎绫)'出错：<90>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 € (medv)鐪勭 锛板垎甯冪洿鏂归湼(鐫夊枡鍚︿复枂戞熿灏
## 旀柊娌冲垎垎绫)'出错：<a6>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 € (medv)鐪勭 锛板垎甯冪洿鏂归湼(鐫夊枡鍚︿复枂戞熿灏
## 旀柊娌冲垎垎绫)'出错：<e4>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 € (medv)鐪勭 锛板垎甯冪洿鏂归湼(鐫夊枡鍚︿复枂戞熿灏
## 旀柊娌冲垎垎绫)'出错：<b8>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 € (medv)鐪勭 锛板垎甯冪洿鏂归湼(鐫夊枡鍚︿复枂戞熿灏
## 旀柊娌冲垎垎绫)'出错：<b4>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 € (medv)鐪勭 锛板垎甯冪洿鏂归湼(鐫夊枡鍚︿复枂戞熿灏
## 旀柊娌冲垎垎绫)'出错：<e8>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 € (medv)鐪勭 锛板垎甯冪洿鏂归湼(鐫夊枡鍚︿复枂戞熿灏
## 旀柊娌冲垎垎绫)'出错：<bf>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 € (medv)鐪勭 锛板垎甯冪洿鏂归湼(鐫夊枡鍚︿复枂戞熿灏
## 旀柊娌冲垎垎绫)'出错：<91>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鑷板垎甯冪洿鏂瑰浘(鎻忓槴鍚︿复杩戞煙灏
## 旀柊娌冲垎缁)'出错：<e6>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鑷板垎甯冪洿鏂瑰浘(鎻忓槴鍚︿复杩戞煙灏
## 旀柊娌冲垎缁)'出错：<9f>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鑷板垎甯冪洿鏂瑰浘(鎻忓槴鍚︿复杩戞煙灏
## 旀柊娌冲垎缁)'出错：<a5>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鑷板垎甯冪洿鏂瑰浘(鎻忓槴鍚︿复杩戞煙灏
## 旀柊娌冲垎缁)'出错：<e5>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鑷板垎甯冪洿鏂瑰浘(鎻忓槴鍚︿复杩戞煙灏
## 旀柊娌冲垎缁)'出错：<b0>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鑷板垎甯冪洿鏂瑰浘(鎻忓槴鍚︿复杩戞煙灏
## 旀柊娌冲垎缁)'出错：<94>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鑷板垎甯冪洿鏂瑰浘(鎻忓槴鍚︿复杩戞煙灏
## 旀柊娌冲垎缁)'出错：<e6>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鑷板垎甯冪洿鏂瑰浘(鎻忓槴鍚︿复杩戞煙灏
## 旀柊娌冲垎缁)'出错：<96>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鑷板垎甯冪洿鏂瑰浘(鎻忓槴鍚︿复杩戞煙灏
## 旀柊娌冲垎缁)'出错：<af>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鑷板垎甯冪洿鏂瑰浘(鎻忓槴鍚︿复杩戞煙灏
## 旀柊娌冲垎缁)'出错：<e6>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鑽勫 鑻板垎甯冪洿鏂规浘(鐫夊楜鍚︿复杩戞煡灏
## 旀枝娌冲垎绫 )'出错：<b2>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鑽勫 鑻板垎甯冪洿鏂规浘(鐫夊楜鍚︿复杩戞煡灏
## 旀枝娌冲垎绫 )'出错：<b3>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鑽勫 鑻板垎甯冪洿鏂规浘(鐫夊楜鍚︿复杩戞煡灏
## 旀枝娌冲垎绫 )'出错：<e5>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鑽勫 鑻板垎甯冪洿鏂规浘(鐫夊楜鍚︿复杩戞煡灏
## 旀枝娌冲垎绫 )'出错：<88>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鑽勫 鑻板垎甯冪洿鏂规浘(鐫夊楜鍚︿复杩戞煡灏
## 旀枝娌冲垎绫 )'出错：<86>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鑽勫 鑻板垎甯冪洿鏂规浘(鐫夊楜鍚︿复杩戞煡灏
## 旀枝娌冲垎绫 )'出错：<e7>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鑽勫 鑻板垎甯冪洿鏂规浘(鐫夊楜鍚︿复杩戞煡灏
## 旀枝娌冲垎绫 )'出错：<b1>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鑽勫 鑻板垎甯冪洿鏂规浘(鐫夊楜鍚︿复杩戞煡灏
## 旀枝娌冲垎绫 )'出错：<bb>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鑽勫 鑻板垎甯冪洿鏂规浘(鐫夊楜鍚︿复杩戞煡灏
## 旀枝娌冲垎绫 )'出错：<e6>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鑽勫 鑻板垎甯冪洿鏂规浘(鐫夊楜鍚︿复杩戞煡灏
## 旀枝娌冲垎绫 )'出错：<88>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏍板垎甯冪洿鏂瑰�घ(鑴夊楋錫︿复杩戞煡灏
## 旀桠娌冲垎缁)'出错：<bf>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏍板垎甯冪洿鏂瑰浘(鑴夊楋錫︿复杩戞煡灏
## 旀桠娌冲垎缁)'出错：<e4>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏍板垎甯冪洿鏂瑰浘(鑴夊楋錫︿复杩戞煡灏
## 旀桠娌冲垎缁)'出错：<bb>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏍板垎甯冪洿鏂瑰浘(鑴夊楋錫︿复杩戞煡灏
## 旀桠娌冲垎缁)'出错：<b7>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏍板垎甯冪洿鏂瑰浘(鑴夊楋錫︿复杩戞煡灏
## 旀桠娌冲垎缁)'出错：<e4>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏍板垎甯冪洿鏂瑰浘(鑴夊楋錫︿复杩戞煡灏
## 旀桠娌冲垎缁)'出错：<b8>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏍板垎甯冪洿鏂瑰浘(鑴夊楋錫︿复杩戞煡灏
## 旀桠娌冲垎缁)'出错：<ad>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏍板垎甯冪洿鏂瑰浘(鑴夊楋錫︿复杩戞煡灏
## 旀桠娌冲垎缁)'出错：<e5>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏍板垎甯冪洿鏂瑰浘(鑴夊楋錫︿复杩戞煡灏
## 旀桠娌冲垎缁)'出错：<80>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏍板垎甯冪洿鏂瑰浘(鑴夊楋錫︿复杩戞煡灏
## 旀桠娌冲垎缁)'出错：<bc>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 镶板垎甯冪洿鏋瑰浘(鐫夊幙鍚︿复杩戞煡灏
## 旀枊娌冲垎垎绂 )'出错：<e7>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 镶板垎甯冪洿鏋瑰浘(鐫夊幙鍚︿复杩戞煡灏
## 旀枊娌冲垎垎绂 )'出错：<9a>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 镶板垎甯冪洿鏋瑰浘(鐫夊幙鍚︿复杩戞煡灏
## 旀枊娌冲垎垎绂 )'出错：<84>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 镶板垎甯冪洿鏋瑰浘(鐫夊幙鍚︿复杩戞煡灏
## 旀枊娌冲垎垎绂 )'出错：<e9>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 镶板垎甯冪洿鏋瑰浘(鐫夊幙鍚︿复杩戞煡灏
## 旀枊娌冲垎垎绂 )'出错：<a2>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 镶板垎甯冪洿鏋瑰浘(鐫夊幙鍚︿复杩戞煡灏
## 旀枊娌冲垎垎绂 )'出错：<91>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 镶板垎甯冪洿鏋瑰浘(鐫夊幙鍚︿复杩戞煡灏
## 旀枊娌冲垎垎绂 )'出错：<e6>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 镶板垎甯冪洿鏋瑰浘(鐫夊幙鍚︿复杩戞煡灏
## 旀枊娌冲垎垎绂 )'出错：<95>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 镶板垎甯冪洿鏋瑰浘(鐫夊幙鍚︿复杩戞煡灏
## 旀枊娌冲垎垎绂 )'出错：<b0>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 镶板垎甯冪洿鏋瑰浘(鐫夊幙鍚︿复杩戞煡灏
## 旀枊娌冲垎垎绂 )'出错：<e5>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勬 鏃板垎甯冩洿鍥炬祦(鐪夋樆鍡︿复杩戞煡灏
## 旀枔娌冲垎缁)'出错：<88>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勬 鏃板垎甯冩洿鍥炬祦(鐪夋樆鍡︿复杩戞煡灏
## 旀枔娌冲垎缁)'出错：<86>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勬 鏃板垎甯冩洿鍥炬祦(鐪夋樆鍡︿复杩戞煡灏
## 旀枔娌冲垎缁)'出错：<e5>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勬 鏃板垎甯冩洿鍥炬祦(鐪夋樆鍡︿复杩戞煡灏
## 旀枔娌冲垎缁)'出错：<b8>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勬 鏃板垎甯冩洿鍥炬祦(鐪夋樆鍡︿复杩戞煡灏
## 旀枔娌冲垎缁)'出错：<83>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勬 鏃板垎甯冩洿鍥炬祦(鐪夋樆鍡︿复杩戞煡灏
## 旀枔娌冲垎缁)'出错：<e7>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勬 鏃板垎甯冩洿鍥炬祦(鐪夋樆鍡︿复杩戞煡灏
## 旀枔娌冲垎缁)'出错：<9b>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勬 鏃板垎甯冩洿鍥炬祦(鐪夋樆鍡︿复杩戞煡灏
## 旀枔娌冲垎缁)'出错：<b4>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勬 鏃板垎甯冩洿鍥炬祦(鐪夋樆鍡︿复杩戞煡灏
## 旀枔娌冲垎缁)'出错：<e6>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勬 鏃板垎甯冩洿鍥炬祦(鐪夋樆鍡︿复杩戞煡灏
## 旀枔娌冲垎缁)'出错：<96>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏀板埌甯冪洿鎺瑰浘(鐫夋樉鍚︿复杩戞煡灏
## 旀枃娌冲垎缁)'出错：<b9>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏀板埌甯冪洿鎺瑰浘(鐫夋樉鍚︿复杩戞煡灏
## 旀枃娌冲垎缁)'出错：<e5>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏀板埌甯冪洿鎺瑰浘(鐫夋樉鍚︿复杩戞煡灏
## 旀枃娌冲垎缁)'出错：<9b>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏀板埌甯冪洿鎺瑰浘(鐫夋樉鍚︿复杩戞煡灏
## 旀枃娌冲垎缁)'出错：<be>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏀板埌甯冪洿鎺瑰浘(鐫夋樉鍚︿复杩戞煡灏
## 旀枃娌冲垎缁)'出错：<e6>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏀板埌甯冪洿鎺瑰浘(鐫夋樉鍚︿复杩戞煡灏
## 旀枃娌冲垎缁)'出错：<8c>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏀板埌甯冪洿鎺瑰浘(鐫夋樉鍚︿复杩戞煡灏
## 旀枃娌冲垎缁)'出错：<89>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏀板埌甯冪洿鎺瑰浘(鐫夋樉鍚︿复杩戞煡灏
## 旀枃娌冲垎缁)'出错：<e6>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏀板埌甯冪洿鎺瑰浘(鐫夋樉鍚︿复杩戞煡灏
## 旀枃娌冲垎缁)'出错：<98>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏀板埌甯冪洿鎺瑰浘(鐫夋樉鍚︿复杩戞煡灏
## 旀枃娌冲垎缁)'出错：<af>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 镍板垎甯冪洿鏂瑰浘(鑴氭樼鍚〞复杩戞煡灏
## 旀柉娌冲垎绂)'出错：<e5>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 镍板垎甯冪洿鏂瑰浘(鑴氭樼鍚〞复杩戞煡灏
## 旀柉娌冲垎绂)'出错：<90>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 镍板垎甯冪洿鏂瑰浘(鑴氭樼鍚〞复杩戞煡灏
## 旀柉娌冲垎绂)'出错：<a6>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 镍板垎甯冪洿鏂瑰浘(鑴氭樼鍚〞复杩戞煡灏
## 旀柉娌冲垎绂)'出错：<e4>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 镍板垎甯冪洿鏂瑰浘(鑴氭樼鍚〞复杩戞煡灏
## 旀柉娌冲垎绂)'出错：<b8>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 镍板垎甯冪洿鏂瑰浘(鑴氭樼鍚〞复杩戞煡灏
## 旀柉娌冲垎绂)'出错：<b4>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 镍板垎甯冪洿鏂瑰浘(鑴氭樼鍚〞复杩戞煡灏
## 旀柉娌冲垎绂)'出错：<e8>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 镍板垎甯冪洿鏂瑰浘(鑴氭樼鍚〞复杩戞煡灏
## 旀柉娌冲垎绂)'出错：<bf>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 镍板垎甯冪洿鏂瑰浘(鑴氭樼鍚〞复杩戞煡灏
## 旀柉娌冲垎绂)'出错：<91>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 镍板垎甯冪洿鏂瑰浘(鑴氭樼鍚〞复杩戞煡灏
## 旀柉娌冲垎绂)'出错：<e6>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鑻板垎甯冪洿鏂瑰浘(鐫夊槸锡︺复杩戞煡灏
## 旀枴娌冲垳缍)'出错：<9f>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鑻板垎甯冪洿鏂瑰浘(鐫夊槸锡︺复杩戞煡灏
## 旀枴娌冲垳缍)'出错：<a5>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鑻板垎甯冪洿鏂瑰浘(鐫夊槸锡︺复杩戞煡灏
## 旀枴娌冲垳缍)'出错：<e5>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鑻板垎甯冪洿鏂瑰浘(鐫夊槸锡︺复杩戞煡灏
## 旀枴娌冲垳缍)'出错：<b0>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鑻板垎甯冪洿鏂瑰浘(鐫夊槸锡︺复杩戞煡灏
## 旀枴娌冲垳缍)'出错：<94>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鑻板垎甯冪洿鏂瑰浘(鐫夊槸锡︺复杩戞煡灏
## 旀枴娌冲垳缍)'出错：<e6>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鑻板垎甯冪洿鏂瑰浘(鐫夊槸锡︺复杩戞煡灏
## 旀枴娌冲垳缍)'出错：<96>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鑻板垎甯冪洿鏂瑰浘(鐫夊槸锡︺复杩戞煡灏
## 旀枴娌冲垳缍)'出错：<af>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鑻板垎甯冪洿鏂瑰浘(鐫夊槸锡︺复杩戞煡灏
## 旀枴娌冲垳缍)'出错：<e6>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鑻板垎甯冪洿鏂瑰浘(鐫夊槸锡︺复杩戞煡灏
## 旀枴娌冲垳缍)'出错：<b2>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏁板垎甯冪洿鏂瑰浘(鐪夊槜锡︿复杩戞煍灏
## 旀枟娌冲垎绛)'出错：<b3>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏁板垎甯冪洿鏂瑰浘(鐪夊槜锡︿复杩戞煍灏
## 旀枟娌冲垎绛)'出错：<e5>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏁板垎甯冪洿鏂瑰浘(鐪夊槜锡︿复杩戞煍灏
## 旀枟娌冲垎绛)'出错：<88>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏁板垎甯冪洿鏂瑰浘(鐪夊槜锡︿复杩戞煍灏
## 旀枟娌冲垎绛)'出错：<86>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏁板垎甯冪洿鏂瑰浘(鐪夊槜锡︿复杩戞煍灏
## 旀枟娌冲垎绛)'出错：<e7>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏁板垎甯冪洿鏂瑰浘(鐪夊槜锡︿复杩戞煍灏
## 旀枟娌冲垎绛)'出错：<b1>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏁板垎甯冪洿鏂瑰浘(鐪夊槜锡︿复杩戞煍灏
## 旀枟娌冲垎绛)'出错：<bb>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏁板垎甯冪洿鏂瑰浘(鐪夊槜锡︿复杩戞煍灏
## 旀枟娌冲垎绛)'出错：<e6>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏁板垎甯冪洿鏂瑰浘(鐪夊槜锡︿复杩戞煍灏
## 旀枟娌冲垎绛)'出错：<88>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏁板垎甯冪洿鏂瑰浘(鐪夊槜锡︿复杩戞煍灏
## 旀枟娌冲垎绛)'出错：<bf>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏉垮坊甯冪泲鍥炬湡(鑴夊樼鍚︿复杩戞煡灏
## 旂枔娌冲垎绲)'出错：<e4>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏉垮坊甯冪泲鍥炬湡(鑴夊樼鍚︿复杩戞煡灏
## 旂枔娌冲垎绲)'出错：<bb>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏉垮坊甯冪泲鍥炬湡(鑴夊樼鍚︿复杩戞煡灏
## 旂枔娌冲垎绲)'出错：<b7>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏉垮坊甯冪泲鍥炬湡(鑴夊樼鍚︿复杩戞煡灏
## 旂枔娌冲垎绲)'出错：<e4>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏉垮坊甯冪泲鍥炬湡(鑴夊樼鍚︿复杩戞煡灏
## 旂枔娌冲垎绲)'出错：<b8>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏉垮坊甯冪泲鍥炬湡(鑴夊樼鍚︿复杩戞煡灏
## 旂枔娌冲垎绲)'出错：<ad>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏉垮坊甯冪泲鍥炬湡(鑴夊樼鍚︿复杩戞煡灏
## 旂枔娌冲垎绲)'出错：<e5>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏉垮坊甯冪泲鍥炬湡(鑴夊樼鍚︿复杩戞煡灏
## 旂枔娌冲垎绲)'出错：<80>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏉垮坊甯冪泲鍥炬湡(鑴夊樼鍚︿复杩戞煡灏
## 旂枔娌冲垎绲)'出错：<bc>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏉垮坊甯冪泲鍥炬湡(鑴夊樼鍚︿复杩戞煡灏
## 旂枔娌冲垎绲)'出错：<e7>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏍板垎甯冪洿鏂瑰浘(鐢氳嚦鍞︿复杩戞煆灏
## 旀枟娌冲垎甯绘)'出错：<9a>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏍板垎甯冪洿鏂瑰浘(鐢氳嚦鍞︿复杩戞煆灏
## 旀枟娌冲垎甯绘)'出错：<84>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏍板垎甯冪洿鏂瑰浘(鐢氳嚦鍞︿复杩戞煆灏
## 旀枟娌冲垎甯绘)'出错：<e9>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏍板垎甯冪洿鏂瑰浘(鐢氳嚦鍞︿复杩戞煆灏
## 旀枟娌冲垎甯绘)'出错：<a2>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏍板垎甯冪洿鏂瑰浘(鐢氳嚦鍞︿复杩戞煆灏
## 旀枟娌冲垎甯绘)'出错：<91>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏍板垎甯冪洿鏂瑰浘(鐢氳嚦鍞︿复杩戞煆灏
## 旀枟娌冲垎甯绘)'出错：<e6>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏍板垎甯冪洿鏂瑰浘(鐢氳嚦鍞︿复杩戞煆灏
## 旀枟娌冲垎甯绘)'出错：<95>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏍板垎甯冪洿鏂瑰浘(鐢氳嚦鍞︿复杩戞煆灏
## 旀枟娌冲垎甯绘)'出错：<b0>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏍板垎甯冪洿鏂瑰浘(鐢氳嚦鍞︿复杩戞煆灏
## 旀枟娌冲垎甯绘)'出错：<e5>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏍板垎甯冪洿鏂瑰浘(鐢氳嚦鍞︿复杩戞煆灏
## 旀枟娌冲垎甯绘)'出错：<88>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐟勭 鏍板垎甯冪洿鏂圭浘(鐫夋樉鍚︿复杩戞煡灏
## 旀柉娌冲垎绂)'出错：<86>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐟勭 鏍板垎甯冪洿鏂圭浘(鐫夋樉鍚︿复杩戞煡灏
## 旀柉娌冲垎绂)'出错：<e5>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐟勭 鏍板垎甯冪洿鏂圭浘(鐫夋樉鍚︿复杩戞煡灏
## 旀柉娌冲垎绂)'出错：<b8>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐟勭 鏍板垎甯冪洿鏂圭浘(鐫夋樉鍚︿复杩戞煡灏
## 旀柉娌冲垎绂)'出错：<83>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐟勭 鏍板垎甯冪洿鏂圭浘(鐫夋樉鍚︿复杩戞煡灏
## 旀柉娌冲垎绂)'出错：<e7>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐟勭 鏍板垎甯冪洿鏂圭浘(鐫夋樉鍚︿复杩戞煡灏
## 旀柉娌冲垎绂)'出错：<9b>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐟勭 鏍板垎甯冪洿鏂圭浘(鐫夋樉鍚︿复杩戞煡灏
## 旀柉娌冲垎绂)'出错：<b4>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐟勭 鏍板垎甯冪洿鏂圭浘(鐫夋樉鍚︿复杩戞煡灏
## 旀柉娌冲垎绂)'出错：<e6>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐟勭 鏍板垎甯冪洿鏂圭浘(鐫夋樉鍚︿复杩戞煡灏
## 旀柉娌冲垎绂)'出错：<96>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐟勭 鏍板垎甯冪洿鏂圭浘(鐫夋樉鍚︿复杩戞煡灏
## 旀柉娌冲垎绂)'出错：<b9>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏋板垝甯冪洿鍥瑰浘(鎷夊樻鍚︿复杩戞煄灏
## 旀桉娌冲垎缁 )'出错：<e5>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏋板垝甯冪洿鍥瑰浘(鎷夊樻鍚︿复杩戞煄灏
## 旀桉娌冲垎缁 )'出错：<9b>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏋板垝甯冪洿鍥瑰浘(鎷夊樻鍚︿复杩戞煄灏
## 旀桉娌冲垎缁 )'出错：<be>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏋板垝甯冪洿鍥瑰浘(鎷夊樻鍚︿复杩戞煄灏
## 旀桉娌冲垎缁 )'出错：<e6>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏋板垝甯冪洿鍥瑰浘(鎷夊樻鍚︿复杩戞煄灏
## 旀桉娌冲垎缁 )'出错：<8c>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏋板垝甯冪洿鍥瑰浘(鎷夊樻鍚︿复杩戞煄灏
## 旀桉娌冲垎缁 )'出错：<89>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏋板垝甯冪洿鍥瑰浘(鎷夊樻鍚︿复杩戞煄灏
## 旀桉娌冲垎缁 )'出错：<e6>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏋板垝甯冪洿鍥瑰浘(鎷夊樻鍚︿复杩戞煄灏
## 旀桉娌冲垎缁 )'出错：<98>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏋板垝甯冪洿鍥瑰浘(鎷夊樻鍚︿复杩戞煄灏
## 旀桉娌冲垎缁 )'出错：<af>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏋板垝甯冪洿鍥瑰浘(鎷夊樻鍚︿复杩戞煄灏
## 旀桉娌冲垎缁 )'出错：<e5>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 € (medv)鐨勫 鑺板垎甯冪洿鏂硅浘(鐫夋樼鍚︿复杩戞煡灏
## 旀柉娌冲垎绘)'出错： <90>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 € (medv)鐨勫 鑺板垎甯冪洿鏂硅浘(鐫夋樼鍚︿复杩戞煡灏
## 旀柉娌冲垎绘)'出错： <a6>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 € (medv)鐨勫 鑺板垎甯冪洿鏂硅浘(鐫夋樼鍚︿复杩戞煡灏
## 旀柉娌冲垎绘)'出错： <e4>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 € (medv)鐨勫 鑺板垎甯冪洿鏂硅浘(鐫夋樼鍚︿复杩戞煡灏
## 旀柉娌冲垎绘)'出错： <b8>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 € (medv)鐨勫 鑺板垎甯冪洿鏂硅浘(鐫夋樼鍚︿复杩戞煡灏
## 旀柉娌冲垎绘)'出错： <b4>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 € (medv)鐨勫 鑺板垎甯冪洿鏂硅浘(鐫夋樼鍚︿复杩戞煡灏
## 旀柉娌冲垎绘)'出错： <e8>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 € (medv)鐨勫 鑺板垎甯冪洿鏂硅浘(鐫夋樼鍚︿复杩戞煡灏
## 旀柉娌冲垎绘)'出错： <bf>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 € (medv)鐨勫 鑺板垎甯冪洿鏂硅浘(鐫夋樼鍚︿复杩戞煡灏
## 旀柉娌冲垎绘)'出错： <91>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 € (medv)鐨勫 鑺板垎甯冪洿鏂硅浘(鐫夋樼鍚︿复杩戞煡灏
## 旀柉娌冲垎绘)'出错： <e6>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 € (medv)鐨勫 鑺板垎甯冪洿鏂硅浘(鐫夋樼鍚︿复杩戞煡灏
## 旀柉娌冲垎绘)'出错： <9f>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 镤板垯甯冪泻鐧瑰浘(鐫夋棥锡︿复杩戣熆灏
## 旀柊娌冲垯绫)'出错：<a5>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 镤板垯甯冪泻鐧瑰浘(鐫夋棥锡︿复杩戣熆灏
## 旀柊娌冲垯绫)'出错：<e5>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 镤板垯甯冪泻鐧瑰浘(鐫夋棥锡︿复杩戣熆灏
## 旀柊娌冲垯绫)'出错：<b0>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 镤板垯甯冪泻鐧瑰浘(鐫夋棥锡︿复杩戣熆灏
## 旀柊娌冲垯绫)'出错：<94>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 镤板垯甯冪泻鐧瑰浘(鐫夋棥锡︿复杩戣熆灏
## 旀柊娌冲垯绫)'出错：<e6>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 镤板垯甯冪泻鐧瑰浘(鐫夋棥锡︿复杩戣熆灏
## 旀柊娌冲垯绫)'出错：<96>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 镤板垯甯冪泻鐧瑰浘(鐫夋棥锡︿复杩戣熆灏
## 旀柊娌冲垯绫)'出错：<af>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 镤板垯甯冪泻鐧瑰浘(鐫夋棥锡︿复杩戣熆灏
## 旀柊娌冲垯绫)'出错：<e6>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 镤板垯甯冪泻鐧瑰浘(鐫夋棥锡︿复杩戣熆灏
## 旀柊娌冲垯绫)'出错：<b2>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 镤板垯甯冪泻鐧瑰浘(鐫夋棥锡︿复杩戣熆灏
## 旀柊娌冲垯绫)'出错：<b3>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏌板垎甯冪洿鏂瑰浘(鎹夊楗鍚︿复杩戞煡灏
## 旀柉娌冲垎绾)'出错：<e5>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏌板垎甯冪洿鏂瑰浘(鎹夊楗鍚︿复杩戞煡灏
## 旀柉娌冲垎绾)'出错：<88>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏌板垎甯冪洿鏂瑰浘(鎹夊楗鍚︿复杩戞煡灏
## 旀柉娌冲垎绾)'出错：<86>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏌板垎甯冪洿鏂瑰浘(鎹夊楗鍚︿复杩戞煡灏
## 旀柉娌冲垎绾)'出错：<e7>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏌板垎甯冪洿鏂瑰浘(鎹夊楗鍚︿复杩戞煡灏
## 旀柉娌冲垎绾)'出错：<b1>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏌板垎甯冪洿鏂瑰浘(鎹夊楗鍚︿复杩戞煡灏
## 旀柉娌冲垎绾)'出错：<bb>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏌板垎甯冪洿鏂瑰浘(鎹夊楗鍚︿复杩戞煡灏
## 旀柉娌冲垎绾)'出错：<e6>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏌板垎甯冪洿鏂瑰浘(鎹夊楗鍚︿复杩戞煡灏
## 旀柉娌冲垎绾)'出错：<88>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏌板垎甯冪洿鏂瑰浘(鎹夊楗鍚︿复杩戞煡灏
## 旀柉娌冲垎绾)'出错：<bf>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏌板垎甯冪洿鏂瑰浘(鎹夊楗鍚︿复杩戞煡灏
## 旀柉娌冲垎绾)'出错：<e4>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鐹夸环涓€(medv)鐖勫 镵板垎甯冪浌鏂瑰浘(鐫夋槸鍚︿复杩戞熑灏
## 旀柊娌冲垎绘)'出错：<bb>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鐹夸环涓€(medv)鐖勫 镵板垎甯冪浌鏂瑰浘(鐫夋槸鍚︿复杩戞熑灏
## 旀柊娌冲垎绘)'出错：<b7>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鐹夸环涓€(medv)鐖勫 镵板垎甯冪浌鏂瑰浘(鐫夋槸鍚︿复杩戞熑灏
## 旀柊娌冲垎绘)'出错：<e4>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鐹夸环涓€(medv)鐖勫 镵板垎甯冪浌鏂瑰浘(鐫夋槸鍚︿复杩戞熑灏
## 旀柊娌冲垎绘)'出错：<b8>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鐹夸环涓€(medv)鐖勫 镵板垎甯冪浌鏂瑰浘(鐫夋槸鍚︿复杩戞熑灏
## 旀柊娌冲垎绘)'出错：<ad>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鐹夸环涓€(medv)鐖勫 镵板垎甯冪浌鏂瑰浘(鐫夋槸鍚︿复杩戞熑灏
## 旀柊娌冲垎绘)'出错：<e5>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鐹夸环涓€(medv)鐖勫 镵板垎甯冪浌鏂瑰浘(鐫夋槸鍚︿复杩戞熑灏
## 旀柊娌冲垎绘)'出错：<80>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鐹夸环涓€(medv)鐖勫 镵板垎甯冪浌鏂瑰浘(鐫夋槸鍚︿复杩戞熑灏
## 旀柊娌冲垎绘)'出错：<bc>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鐹夸环涓€(medv)鐖勫 镵板垎甯冪浌鏂瑰浘(鐫夋槸鍚︿复杩戞熑灏
## 旀柊娌冲垎绘)'出错：<e7>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鐹夸环涓€(medv)鐖勫 镵板垎甯冪浌鏂瑰浘(鐫夋槸鍚︿复杩戞熑灏
## 旀柊娌冲垎绘)'出错：<9a>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐟勮 鑷板埍甯冨洖鍠瑰湻(鐫夊檧鍚︿复枬戞焾灏
## 旀枟娌冲垎绫)'出错：<84>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐟勮 鑷板埍甯冨洖鍠瑰湻(鐫夊檧鍚︿复枬戞焾灏
## 旀枟娌冲垎绫)'出错：<e9>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐟勮 鑷板埍甯冨洖鍠瑰湻(鐫夊檧鍚︿复枬戞焾灏
## 旀枟娌冲垎绫)'出错：<a2>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐟勮 鑷板埍甯冨洖鍠瑰湻(鐫夊檧鍚︿复枬戞焾灏
## 旀枟娌冲垎绫)'出错：<91>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐟勮 鑷板埍甯冨洖鍠瑰湻(鐫夊檧鍚︿复枬戞焾灏
## 旀枟娌冲垎绫)'出错：<e6>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐟勮 鑷板埍甯冨洖鍠瑰湻(鐫夊檧鍚︿复枬戞焾灏
## 旀枟娌冲垎绫)'出错：<95>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐟勮 鑷板埍甯冨洖鍠瑰湻(鐫夊檧鍚︿复枬戞焾灏
## 旀枟娌冲垎绫)'出错：<b0>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐟勮 鑷板埍甯冨洖鍠瑰湻(鐫夊檧鍚︿复枬戞焾灏
## 旀枟娌冲垎绫)'出错：<e5>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐟勮 鑷板埍甯冨洖鍠瑰湻(鐫夊檧鍚︿复枬戞焾灏
## 旀枟娌冲垎绫)'出错：<88>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐟勮 鑷板埍甯冨洖鍠瑰湻(鐫夊檧鍚︿复枬戞焾灏
## 旀枟娌冲垎绫)'出错：<86>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鑹叉牱寮忓鏋瑰浘(鐪佺渻鍚﹀复杩戞煿灏
## 旀柉娌冲垮绫)'出错：<e5>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鑹叉牱寮忓鏋瑰浘(鐪佺渻鍚﹀复杩戞煿灏
## 旀柉娌冲垮绫)'出错：<b8>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鑹叉牱寮忓鏋瑰浘(鐪佺渻鍚﹀复杩戞煿灏
## 旀柉娌冲垮绫)'出错：<83>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鑹叉牱寮忓鏋瑰浘(鐪佺渻鍚﹀复杩戞煿灏
## 旀柉娌冲垮绫)'出错：<e7>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鑹叉牱寮忓鏋瑰浘(鐪佺渻鍚﹀复杩戞煿灏
## 旀柉娌冲垮绫)'出错：<9b>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鑹叉牱寮忓鏋瑰浘(鐪佺渻鍚﹀复杩戞煿灏
## 旀柉娌冲垮绫)'出错：<b4>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鑹叉牱寮忓鏋瑰浘(鐪佺渻鍚﹀复杩戞煿灏
## 旀柉娌冲垮绫)'出错：<e6>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鑹叉牱寮忓鏋瑰浘(鐪佺渻鍚﹀复杩戞煿灏
## 旀柉娌冲垮绫)'出错：<96>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鑹叉牱寮忓鏋瑰浘(鐪佺渻鍚﹀复杩戞煿灏
## 旀柉娌冲垮绫)'出错：<b9>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鑹叉牱寮忓鏋瑰浘(鐪佺渻鍚﹀复杩戞煿灏
## 旀柉娌冲垮绫)'出错：<e5>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏁板垎甯冪洿鏂瑰浘(鐫炵楸鍚︿复枵戞煪灏
## 旀枔娌冲垎绫)'出错：<9b>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏁板垎甯冪洿鏂瑰浘(鐫炵楸鍚︿复枵戞煪灏
## 旀枔娌冲垎绫)'出错：<be>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏁板垎甯冪洿鏂瑰浘(鐫炵楸鍚︿复枵戞煪灏
## 旀枔娌冲垎绫)'出错：<e6>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏁板垎甯冪洿鏂瑰浘(鐫炵楸鍚︿复枵戞煪灏
## 旀枔娌冲垎绫)'出错：<8c>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏁板垎甯冪洿鏂瑰浘(鐫炵楸鍚︿复枵戞煪灏
## 旀枔娌冲垎绫)'出错：<89>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏁板垎甯冪洿鏂瑰浘(鐫炵楸鍚︿复枵戞煪灏
## 旀枔娌冲垎绫)'出错：<e6>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏁板垎甯冪洿鏂瑰浘(鐫炵楸鍚︿复枵戞煪灏
## 旀枔娌冲垎绫)'出错：<98>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏁板垎甯冪洿鏂瑰浘(鐫炵楸鍚︿复枵戞煪灏
## 旀枔娌冲垎绫)'出错：<af>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏁板垎甯冪洿鏂瑰浘(鐫炵楸鍚︿复枵戞煪灏
## 旀枔娌冲垎绫)'出错：<e5>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏁板垎甯冪洿鏂瑰浘(鐫炵楸鍚︿复枵戞煪灏
## 旀枔娌冲垎绫)'出错：<90>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鑹插浘瀹冪洿鏂鐡溿渮(鐪夊榭鍚︿复杩戞煡灏
## 旀柉娌冲垎绫)'出错：<a6>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鑹插浘瀹冪洿鏂鐡溿渮(鐪夊榭鍚︿复杩戞煡灏
## 旀柉娌冲垎绫)'出错：<e4>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鑹插浘瀹冪洿鏂鐡溿渮(鐪夊榭鍚︿复杩戞煡灏
## 旀柉娌冲垎绫)'出错：<b8>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鑹插浘瀹冪洿鏂鐡溿渮(鐪夊榭鍚︿复杩戞煡灏
## 旀柉娌冲垎绫)'出错：<b4>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鑹插浘瀹冪洿鏂鐡溿渮(鐪夊榭鍚︿复杩戞煡灏
## 旀柉娌冲垎绫)'出错：<e8>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鑹插浘瀹冪洿鏂鐡溿渮(鐪夊榭鍚︿复杩戞煡灏
## 旀柉娌冲垎绫)'出错：<bf>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鑹插浘瀹冪洿鏂鐡溿渮(鐪夊榭鍚︿复杩戞煡灏
## 旀柉娌冲垎绫)'出错：<91>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鑹插浘瀹冪洿鏂鐡溿渮(鐪夊榭鍚︿复杩戞煡灏
## 旀柉娌冲垎绫)'出错：<e6>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鑹插浘瀹冪洿鏂鐡溿渮(鐪夊榭鍚︿复杩戞煡灏
## 旀柉娌冲垎绫)'出错：<9f>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鑹插浘瀹冪洿鏂鐡溿渮(鐪夊榭鍚︿复杩戞煡灏
## 旀柉娌冲垎绫)'出错：<a5>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 镤板垎甯冪洿鏂瑰浘(鐫夋椂鍚︿复杩戞煡灏
## 旀柉娌冲垎绉)'出错：<e5>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 镤板垎甯冪洿鏂瑰浘(鐫夋椂鍚︿复杩戞煡灏
## 旀柉娌冲垎绉)'出错：<b0>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 镤板垎甯冪洿鏂瑰浘(鐫夋椂鍚︿复杩戞煡灏
## 旀柉娌冲垎绉)'出错：<94>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 镤板垎甯冪洿鏂瑰浘(鐫夋椂鍚︿复杩戞煡灏
## 旀柉娌冲垎绉)'出错：<e6>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 镤板垎甯冪洿鏂瑰浘(鐫夋椂鍚︿复杩戞煡灏
## 旀柉娌冲垎绉)'出错：<96>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 镤板垎甯冪洿鏂瑰浘(鐫夋椂鍚︿复杩戞煡灏
## 旀柉娌冲垎绉)'出错：<af>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 镤板垎甯冪洿鏂瑰浘(鐫夋椂鍚︿复杩戞煡灏
## 旀柉娌冲垎绉)'出错：<e6>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 镤板垎甯冪洿鏂瑰浘(鐫夋椂鍚︿复杩戞煡灏
## 旀柉娌冲垎绉)'出错：<b2>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 镤板垎甯冪洿鏂瑰浘(鐫夋椂鍚︿复杩戞煡灏
## 旀柉娌冲垎绉)'出错：<b3>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 镤板垎甯冪洿鏂瑰浘(鐫夋椂鍚︿复杩戞煡灏
## 旀柉娌冲垎绉)'出错：<e5>代替了dot
```

```
## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏉板垎甯冩洿鏀瑰浘(鐫夊槦鍚︿复杩戣煡灏
## 旀桉娌冲垎绂 )'出错: <88>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏉板垎甯冩洿鏀瑰浘(鐫夊槦鍚︿复杩戣煡灏
## 旀桉娌冲垎绂 )'出错: <86>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏉板垎甯冩洿鏀瑰浘(鐫夊槦鍚︿复杩戣煡灏
## 旀桉娌冲垎绂 )'出错: <e7>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏉板垎甯冩洿鏀瑰浘(鐫夊槦鍚︿复杩戣煡灏
## 旀桉娌冲垎绂 )'出错: <b1>代替了dot

## Warning in grid.Call(C_textBounds, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏉板垎甯冩洿鏀瑰浘(鐫夊槦鍚︿复杩戣煡灏
## 旀桉娌冲垎绂 )'出错: <bb>代替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏉板垎甯冩洿鏀瑰浘(鐫夊槦鍚︿复杩戣煡灏
## 旀桉娌冲垎绂 )'出错: <e6>代替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏉板垎甯冩洿鏀瑰浘(鐫夊槦鍚︿复杩戣煡灏
## 旀桉娌冲垎绂 )'出错: <88>代替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏉板垎甯冩洿鏀瑰浘(鐫夊槦鍚︿复杩戣煡灏
## 旀桉娌冲垎绂 )'出错: <bf>代替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏉板垎甯冩洿鏀瑰浘(鐫夊槦鍚︿复杩戣煡灏
## 旀桉娌冲垎绂 )'出错: <e4>代替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏉板垎甯冩洿鏀瑰浘(鐫夊槦鍚︿复杩戣煡灏
## 旀桉娌冲垎绂 )'出错: <bb>代替了dot
```

```
## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 € (medv)鐕勫 鑻板垎甯冪洿鏂瑰浘(鐎夋槸鍚︿复杩戞熸灏
## 旀枑娌冲垎缁 )'出错：<b7>代替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 € (medv)鐕勫 鑻板垎甯冪洿鏂瑰浘(鐎夋槸鍚︿复杩戞熸灏
## 旀枑娌冲垎缁 )'出错：<e4>代替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 € (medv)鐕勫 鑻板垎甯冪洿鏂瑰浘(鐎夋槸鍚︿复杩戞熸灏
## 旀枑娌冲垎缁 )'出错：<b8>代替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 € (medv)鐕勫 鑻板垎甯冪洿鏂瑰浘(鐎夋槸鍚︿复杩戞熸灏
## 旀枑娌冲垎缁 )'出错：<ad>代替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 € (medv)鐕勫 鑻板垎甯冪洿鏂瑰浘(鐎夋槸鍚︿复杩戞熸灏
## 旀枑娌冲垎缁 )'出错：<e5>代替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 € (medv)鐕勫 鑻板垎甯冪洿鏂瑰浘(鐎夋槸鍚︿复杩戞熸灏
## 旀枑娌冲垎缁 )'出错：<80>代替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 € (medv)鐕勫 鑻板垎甯冪洿鏂瑰浘(鐎夋槸鍚︿复杩戞熸灏
## 旀枑娌冲垎缁 )'出错：<bc>代替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 € (medv)鐕勫 鑻板垎甯冪洿鏂瑰浘(鐎夋槸鍚︿复杩戞熸灏
## 旀枑娌冲垎缁 )'出错：<e7>代替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 € (medv)鐕勫 鑻板垎甯冪洿鏂瑰浘(鐎夋槸鍚︿复杩戞熸灏
## 旀枑娌冲垎缁 )'出错：<9a>代替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 € (medv)鐕勫 鑻板垎甯冪洿鏂瑰浘(鐎夋槸鍚︿复杩戞熸灏
## 旀枑娌冲垎缁 )'出错：<84>代替了dot
```

```
## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鎼板垎甯冪洿鏀圭浘(鐪佸煄锡︿复杩戞煋灏
## 旀杈娳冲垎缁)'出错：<e9>代替了dot
```

```
## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鎼板垎甯冪洿鏀圭浘(鐪佸煄锡︿复杩戞煋灏
## 旀杈娳冲垎缁)'出错：<a2>代替了dot
```

```
## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鎼板垎甯冪洿鏀圭浘(鐪佸煄锡︿复杩戞煋灏
## 旀杈娳冲垎缁)'出错：<91>代替了dot
```

```
## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鎼板垎甯冪洿鏀圭浘(鐪佸煄锡︿复杩戞煋灏
## 旀杈娳冲垎缁)'出错：<e6>代替了dot
```

```
## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鎼板垎甯冪洿鏀圭浘(鐪佸煄锡︿复杩戞煋灏
## 旀杈娳冲垎缁)'出错：<95>代替了dot
```

```
## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鎼板垎甯冪洿鏀圭浘(鐪佸煄锡︿复杩戞煋灏
## 旀杈娳冲垎缁)'出错：<b0>代替了dot
```

```
## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鎼板垎甯冪洿鏀圭浘(鐪佸煄锡︿复杩戞煋灏
## 旀杈娳冲垎缁)'出错：<e5>代替了dot
```

```
## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鎼板垎甯冪洿鏀圭浘(鐪佸煄锡︿复杩戞煋灏
## 旀杈娳冲垎缁)'出错：<88>代替了dot
```

```
## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鎼板垎甯冪洿鏀圭浘(鐪佸煄锡︿复杩戞煋灏
## 旀杈娳冲垎缁)'出错：<86>代替了dot
```

```
## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鎼板垎甯冪洿鏀圭浘(鐪佸煄锡︿复杩戞煋灏
## 旀杈娳冲垎缁)'出错：<e5>代替了dot
```

```
## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏉垮垎甯冪洿鏂瑰浘(鎷夊櫙鍚︿复杩戞煡灏
## 旀柉娓冲垎缁)'出错：<b8>代替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏉垮垎甯冪洿鏂瑰浘(鎷夊櫙鍚︿复杩戞煡灏
## 旀柉娓冲垎缁)'出错：<83>代替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏉垮垎甯冪洿鏂瑰浘(鎷夊櫙鍚︿复杩戞煡灏
## 旀柉娓冲垎缁)'出错：<e7>代替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏉垮垎甯冪洿鏂瑰浘(鎷夊櫙鍚︿复杩戞煡灏
## 旀柉娓冲垎缁)'出错：<9b>代替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏉垮垎甯冪洿鏂瑰浘(鎷夊櫙鍚︿复杩戞煡灏
## 旀柉娓冲垎缁)'出错：<b4>代替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏉垮垎甯冪洿鏂瑰浘(鎷夊櫙鍚︿复杩戞煡灏
## 旀柉娓冲垎缁)'出错：<e6>代替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏉垮垎甯冪洿鏂瑰浘(鎷夊櫙鍚︿复杩戞煡灏
## 旀柉娓冲垎缁)'出错：<96>代替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏉垮垎甯冪洿鏂瑰浘(鎷夊櫙鍚︿复杩戞煡灏
## 旀柉娓冲垎缁)'出错：<b9>代替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏉垮垎甯冪洿鏂瑰浘(鎷夊櫙鍚︿复杩戞煡灏
## 旀柉娓冲垎缁)'出错：<e5>代替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏉垮垎甯冪洿鏂瑰浘(鎷夊櫙鍚︿复杩戞煡灏
## 旀柉娓冲垎缁)'出错：<9b>代替了dot
```

```
## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏁板垎甯冪洿鏂瑰浘(鎺夊楸锡︿复杩戞煡灏
## 旀杈娌冲垎绫)'出错: <be>代替了dot
```

```
## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏁板垎甯冪洿鏂瑰浘(鎺夊楸锡︿复杩戞煡灏
## 旀杈娌冲垎绫)'出错: <e6>代替了dot
```

```
## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏁板垎甯冪洿鏂瑰浘(鎺夊楸锡︿复杩戞煡灏
## 旀杈娌冲垎绫)'出错: <8c>代替了dot
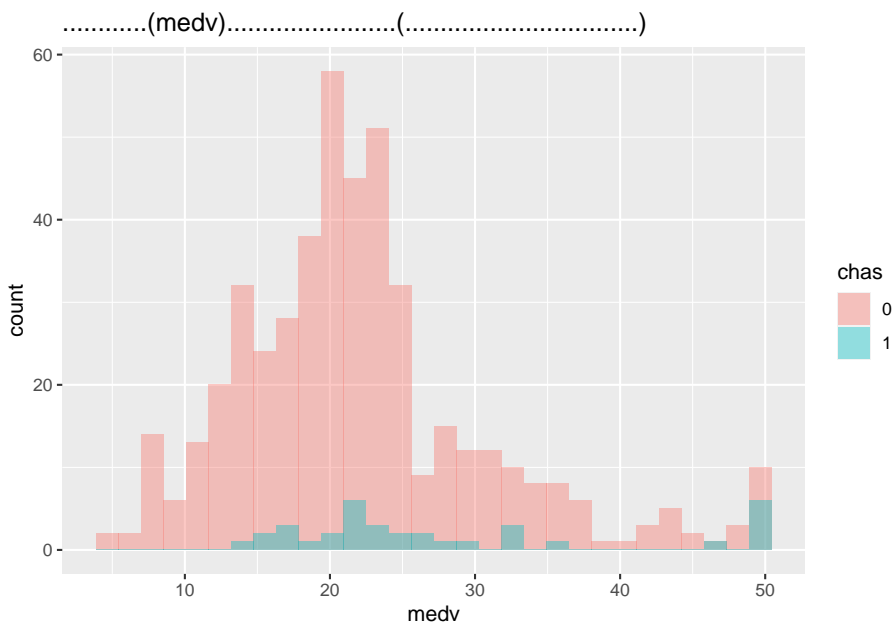```

```
## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏁板垎甯冪洿鏂瑰浘(鎺夊楸锡︿复杩戞煡灏
## 旀杈娌冲垎绫)'出错: <89>代替了dot
```

```
## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏁板垎甯冪洿鏂瑰浘(鎺夊楸锡︿复杩戞煡灏
## 旀杈娌冲垎绫)'出错: <e6>代替了dot
```

```
## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏁板垎甯冪洿鏂瑰浘(鎺夊楸锡︿复杩戞煡灏
## 旀杈娌冲垎绫)'出错: <98>代替了dot
```

```
## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏁板垎甯冪洿鏂瑰浘(鎺夊楸锡︿复杩戞煡灏
## 旀杈娌冲垎绫)'出错: <af>代替了dot
```

```
## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏁板垎甯冪洿鏂瑰浘(鎺夊楸锡︿复杩戞煡灏
## 旀杈娌冲垎绫)'出错: <e5>代替了dot
```

```
## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏁板垎甯冪洿鏂瑰浘(鎺夊楸锡︿复杩戞煡灏
## 旀杈娌冲垎绫)'出错: <90>代替了dot
```

```
## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勫 鏁板垎甯冪洿鏂瑰浘(鎺夊楸锡︿复杩戞煡灏
## 旀杈娌冲垎绫)'出错: <a6>代替了dot
```

```
## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 € (medv)鐪勭 鏁板埆甯冪洿鍖瑰湦(鐫佹槬鍚 乚 复枟戞熯灏
## 旀桠娌冲垎绂 )'出错：<e4>代替了 dot
```

```
## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 € (medv)鐪勭 鏁板埆甯冪洿鍖瑰湦(鐫佹槬鍚 乚 复枟戞熯灏
## 旀桠娌冲垎绂 )'出错：<b8>代替了 dot
```

```
## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 € (medv)鐪勭 鏁板埆甯冪洿鍖瑰湦(鐫佹槬鍚 乚 复枟戞熯灏
## 旀桠娌冲垎绂 )'出错：<b4>代替了 dot
```

```
## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 € (medv)鐪勭 鏁板埆甯冪洿鍖瑰湦(鐫佹槬鍚 乚 复枟戞熯灏
## 旀桠娌冲垎绂 )'出错：<e8>代替了 dot
```

```
## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 € (medv)鐪勭 鏁板埆甯冪洿鍖瑰湦(鐫佹槬鍚 乚 复枟戞熯灏
## 旀桠娌冲垎绂 )'出错：<bf>代替了 dot
```

```
## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 € (medv)鐪勭 鏁板埆甯冪洿鍖瑰湦(鐫佹槬鍚 乚 复枟戞熯灏
## 旀桠娌冲垎绂 )'出错：<91>代替了 dot
```

```
## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 € (medv)鐪勭 鏁板埆甯冪洿鍖瑰湦(鐫佹槬鍚 乚 复枟戞熯灏
## 旀桠娌冲垎绂 )'出错：<e6>代替了 dot
```

```
## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 € (medv)鐪勭 鏁板埆甯冪洿鍖瑰湦(鐫佹槬鍚 乚 复枟戞熯灏
## 旀桠娌冲垎绂 )'出错：<9f>代替了 dot
```

```
## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 € (medv)鐪勭 鏁板埆甯冪洿鍖瑰湦(鐫佹槬鍚 乚 复枟戞熯灏
## 旀桠娌冲垎绂 )'出错：<a5>代替了 dot
```

```
## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓 € (medv)鐪勭 鏁板埆甯冪洿鍖瑰湦(鐫佹槬鍚 乚 复枟戞熯灏
## 旀桠娌冲垎绂 )'出错：<e5>代替了 dot
```

```
## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鑲板煰甯冪�đ鍥瑰浘(鎸夊楀鍚︿复枛戞煷灏
## 旀枊娌冲垎绉)'出错：<b0>代替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鑲板煰甯冪�đ鍥瑰浘(鎸夊楀鍚︿复枛戞煷灏
## 旀枊娌冲垎绉)'出错：<94>代替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鑲板煰甯冪�đ鍥瑰浘(鎸夊楀鍚︿复枛戞煷灏
## 旀枊娌冲垎绉)'出错：<e6>代替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鑲板煰甯冪�đ鍥瑰浘(鎸夊楀鍚︿复枛戞煷灏
## 旀枊娌冲垎绉)'出错：<96>代替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鑲板煰甯冪�đ鍥瑰浘(鎸夊楀鍚︿复枛戞煷灏
## 旀枊娌冲垎绉)'出错：<af>代替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鑲板煰甯冪�đ鍥瑰浘(鎸夊楀鍚︿复枛戞煷灏
## 旀枊娌冲垎绉)'出错：<e6>代替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鑲板煰甯冪�đ鍥瑰浘(鎸夊楀鍚︿复枛戞煷灏
## 旀枊娌冲垎绉)'出错：<b2>代替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鑲板煰甯冪�đ鍥瑰浘(鎸夊楀鍚︿复枛戞煷灏
## 旀枊娌冲垎绉)'出错：<b3>代替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鑲板煰甯冪�đ鍥瑰浘(鎸夊楀鍚︿复枛戞煷灏
## 旀枊娌冲垎绉)'出错：<e5>代替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鑲板煰甯冪�đ鍥瑰浘(鎸夊楀鍚︿复枛戞煷灏
## 旀枊娌冲垎绉)'出错：<88>代替了dot
```

```
## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏁板垎甯冪洿鏂瑰浘(鑹叉槧鍒︿复妗戞燁灏
## 旀柷娌冲垹垎绘)'出错: <86>代替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏁板垎甯冪洿鏂瑰浘(鑹叉槧鍒︿复妗戞燁灏
## 旀柷娌冲垹垎绘)'出错: <e7>代替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏁板垎甯冪洿鏂瑰浘(鑹叉槧鍒︿复妗戞燁灏
## 旀柷娌冲垹垎绘)'出错: <b1>代替了dot

## Warning in grid.Call.graphics(C_text, as.graphicsAnnot(x$label), x$x, x$y, :
## 'mbcsToSbcs'里转换'鎴夸环涓€(medv)鐨勭 鏁板垎甯冪洿鏂瑰浘(鑹叉槧鍒︿复妗戞燁灏
## 旀柷娌冲垹垎绘)'出错: <bb>代替了dot
```


medv 的相关统计量为:

```
summary(Boston$medv)
```

```
##    Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
##    5.00   17.02   21.20   22.53   25.00   50.00
```

房价预测模型

将数据按 3:1 划分为训练集 Boston.train 和测试集 Boston.test

```r
data(Boston)
smp_size<-floor(0.75*nrow(Boston))
set.seed(12)
train_index<-sample(seq_len(nrow(Boston)), size=smp_size)
Boston.train<-Boston[train_index, ]
Boston.test<-Boston[-train_index, ]
```

我们利用训练集的数据进行参数拟合，并在测试集上测试模型的拟合效果。对于模型的选取，我们首先尝试简单的单变量线性回归模型、单变量非线性回归模型以及多变量回归模型。

简单单变量线性回归模型

对于模型变量的选择，根据上一节的相关性分析，低收入人口比例 lstat 与 medv 的相关性最为显著，因此我们优先选择该变量来构造简单单变量线性回归模型。

```r
model.slm=lm(medv~lstat,data=Boston.train)
```

查看其统计量：

```r
summary(model.slm)
```

```
##
## Call:
## lm(formula = medv ~ lstat, data = Boston.train)
##
## Residuals:
##     Min      1Q  Median      3Q     Max
## -14.800  -3.753  -1.161   1.690  24.242
##
## Coefficients:
```

```
##               Estimate Std. Error t value Pr(>|t|)
## (Intercept) 34.12056    0.63739    53.53   <2e-16 ***
## lstat       -0.94171    0.04372   -21.54   <2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 6.007 on 377 degrees of freedom
## Multiple R-squared:  0.5517, Adjusted R-squared:  0.5505
## F-statistic:   464 on 1 and 377 DF,  p-value: < 2.2e-16
```

通过查看模型的结果数据，我们可以发现通过 T 检验的截距和自变量 lstat 都是非常显著。我们首先在测试集上进行预测和误差分析：

```
library(Metrics)
model1.evaluate<-predict(model.slm, Boston.test)
ggplot(data = Boston.test) +
  geom_point(aes(x = lstat, y = medv),col="black") +
  geom_line(aes(x = lstat, y = model1.evaluate),col="orange") +
  labs(title = "medv vs lstat - model1",
       y = "medv($1000s)",
       x = "lstat")
```

medv vs lstat – model1
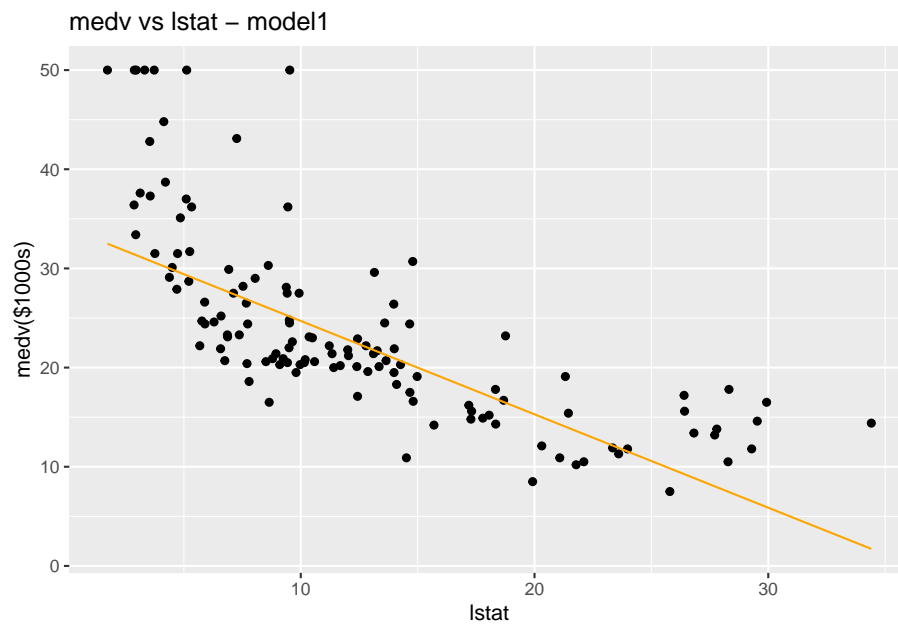
```
model1.rmse<-rmse(Boston.test[,14],model1.evaluate)
model1.rmse
```

```
## [1] 6.83024
```

查看其统计检验图像：

```
plot(model.slm)
```

Residuals vs Fitted

Fitted values
lm(medv ~ lstat)

Normal Q–Q

Theoretical Quantiles
lm(medv ~ lstat)
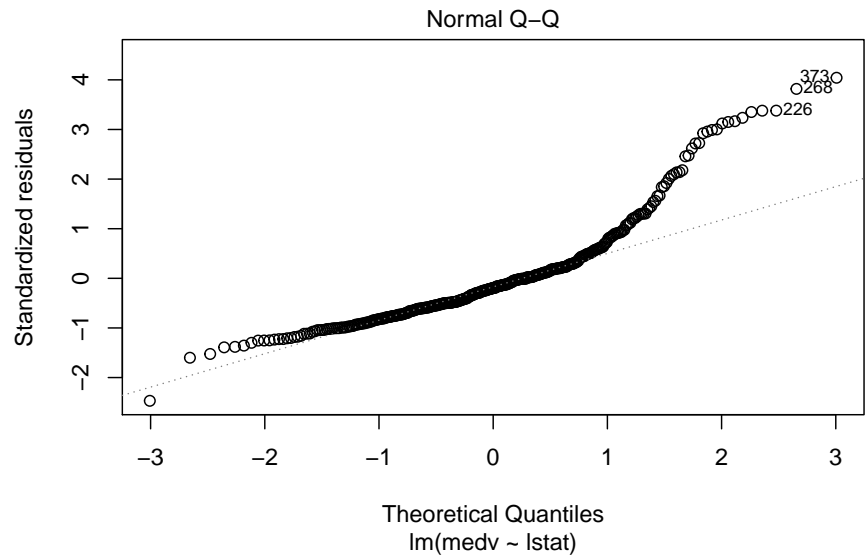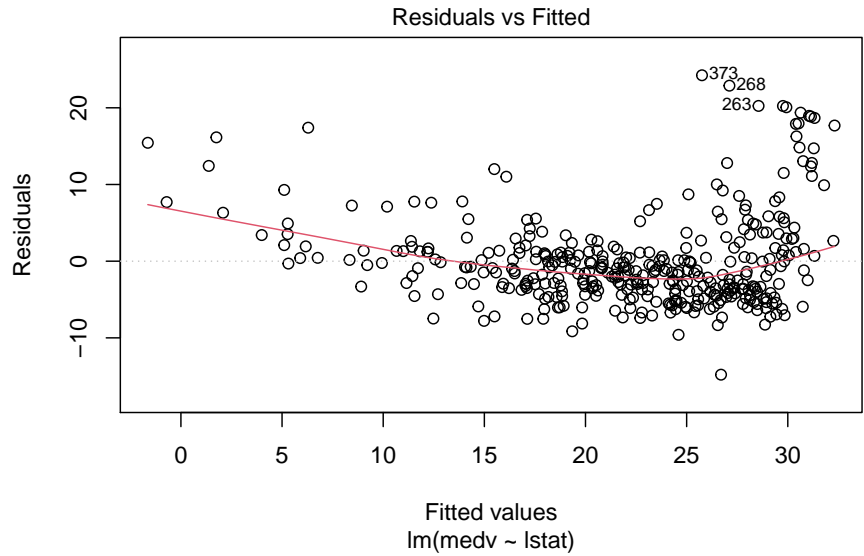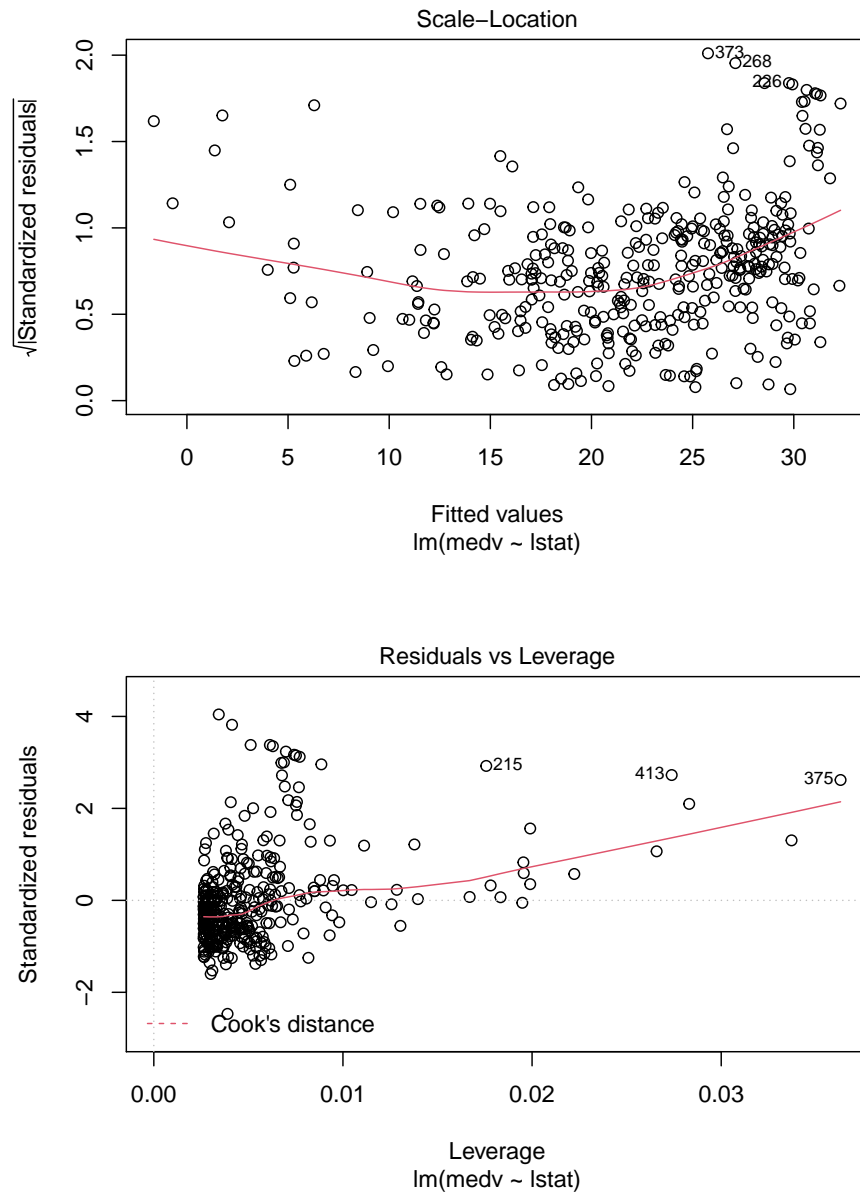
第一张图表明在 medv 和 lstat 之间存在非线性项，因此我们考虑构造单变量非线性回归模型。

单变量非线性回归模型

在单变量线性回归模型 medv~lstat 的基础上，我们添加 lstat 的非线性项 $lstat^2$，即：

```
model.snlm=lm(medv~lstat+I(lstat^2),data=Boston.train)
```

同样，查看其统计量：

```
summary(model.snlm)
```

```
##
## Call:
## lm(formula = medv ~ lstat + I(lstat^2), data = Boston.train)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -15.0041  -3.8585  -0.6233   2.3328  24.6350
##
## Coefficients:
##               Estimate Std. Error t value Pr(>|t|)
## (Intercept) 41.791558   0.988539  42.276   <2e-16 ***
## lstat       -2.199963   0.137861 -15.958   <2e-16 ***
## I(lstat^2)   0.039428   0.004141   9.522   <2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 5.399 on 376 degrees of freedom
## Multiple R-squared:  0.6388, Adjusted R-squared:  0.6369
## F-statistic: 332.5 on 2 and 376 DF,  p-value: < 2.2e-16
```

结果显示 T 检验的截距和自变量 lstat 都是非常显著，且相比于线性模型，相关系数的 R^2 检验值也显著增加。接下来在测试集上进行预测：

```r
model2.evaluate<-predict(model.snlm, Boston.test)
ggplot(data = Boston.test) +
  geom_point(aes(x = lstat, y = medv),col="black") +
  geom_line(aes(x = lstat, y = model2.evaluate),col="orange") +
  labs(title = "medv vs lstat - model2",
       y = "medv($1000s)",
       x = "lstat")
```
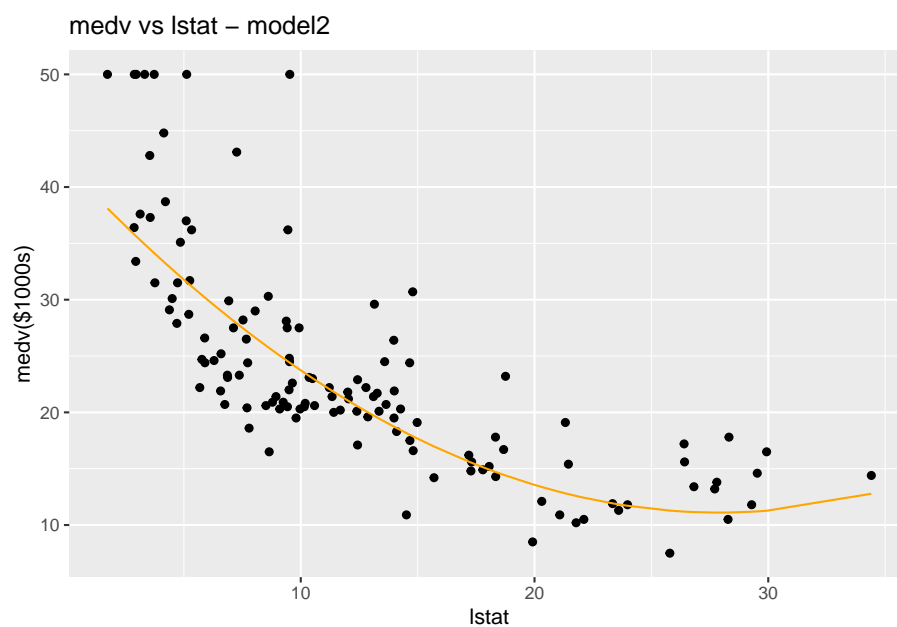

拟合效果明显优于简单的单变量线性模型。最后，计算其均方根误差：

```r
model2.rmse<-rmse(Boston.test[,14],model2.evaluate)
model2.rmse
```

```
## [1] 5.924323
```

查看其 Diagnostics plot：

```r
plot(model.snlm)
```

Residuals vs Fitted

Fitted values
lm(medv ~ lstat + I(lstat^2))

Normal Q–Q

Theoretical Quantiles
lm(medv ~ lstat + I(lstat^2))

Scale−Location

lm(medv ~ lstat + I(lstat^2))

Residuals vs Leverage

lm(medv ~ lstat + I(lstat^2))
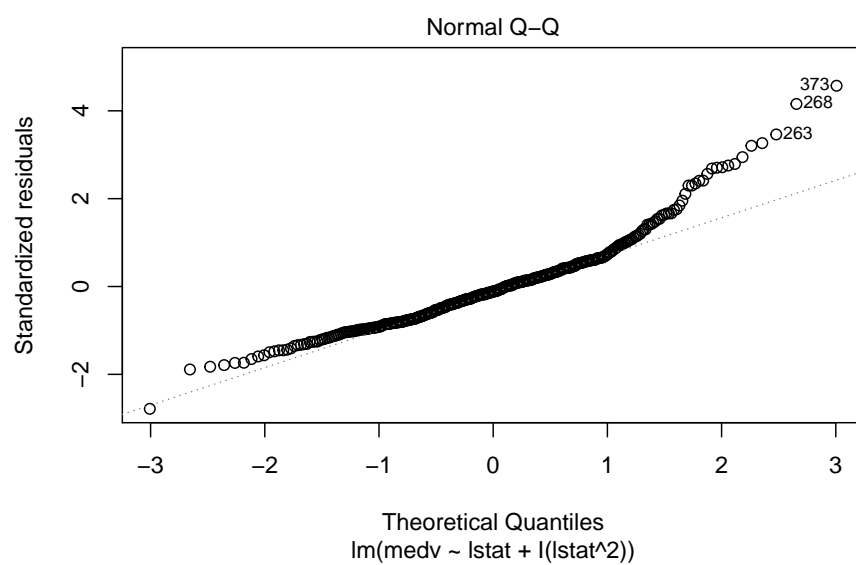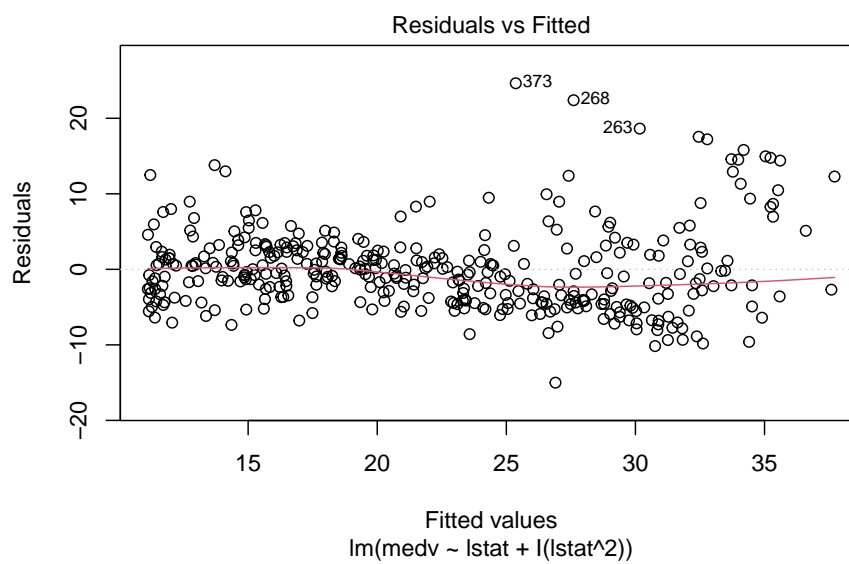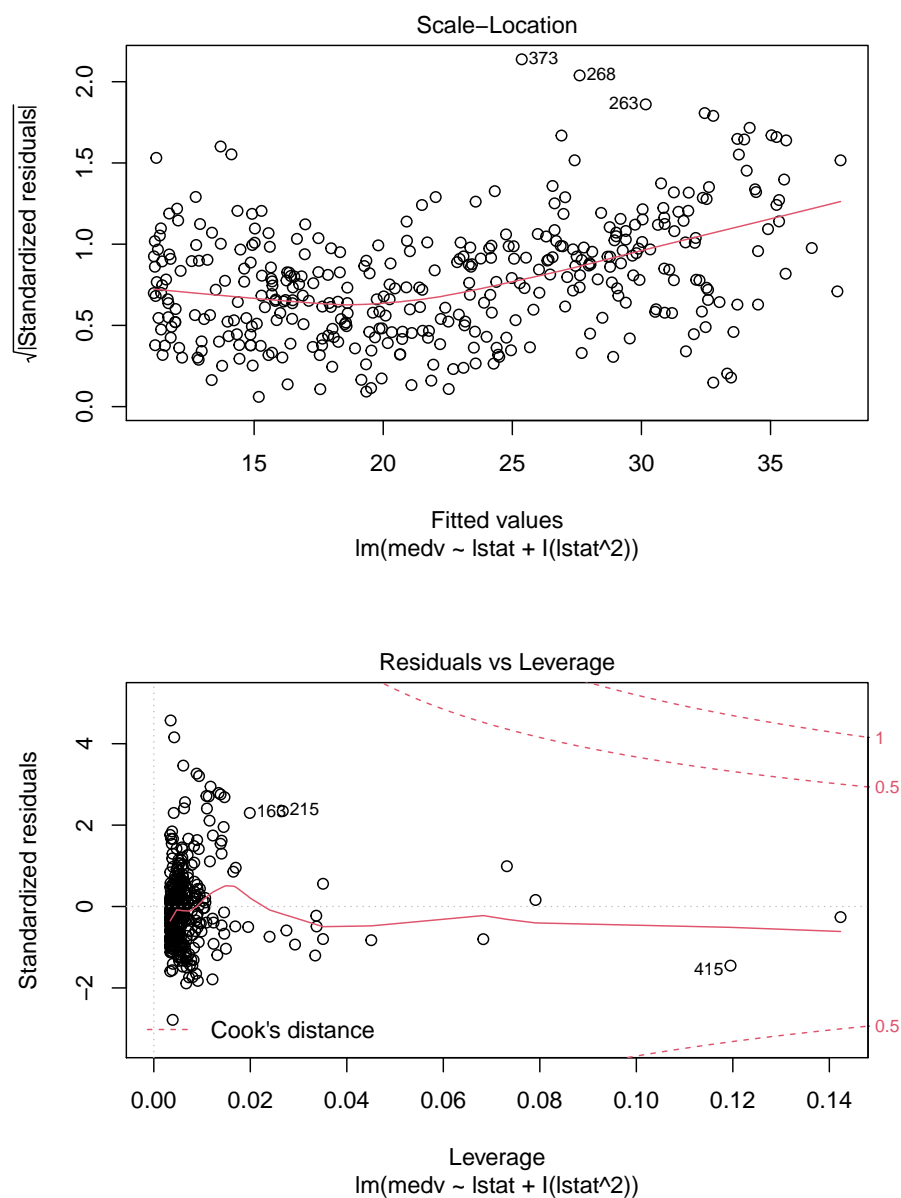
通过添加非线性因子，我们将模型在测试集上预测的均方根误差有效降低，同时显著提高了对于模型的拟合效果。同时，上面图一显示模型需要进一步修改，我们考虑引入更多的变量来改进我们的模型。

多变量回归模型

通过引入更多的变量构造多变量回归模型，我们有两种思路：一是在上一节中拟合效果已经较好的的单变量非线性模型上添加变量；二是考虑使用广义加性模型 Generalized Additive Models(GAM)。

单变量非线性回归模型基础上添加变量

在不了解其经济社会学原理的情况下，将所有变量纳入考虑进行回归是最为稳妥的做法。即：

```r
model.mrm=lm(medv~crim+zn+indus+chas+nox+rm+age+dis+rad+tax+
                ptratio+black+lstat+I(lstat^2),data=Boston.train)
```

查看其统计量：

```r
summary(model.mrm)
```

```
##
## Call:
## lm(formula = medv ~ crim + zn + indus + chas + nox + rm + age +
##     dis + rad + tax + ptratio + black + lstat + I(lstat^2), data = Boston.train)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -15.5528  -2.3805  -0.3195   1.7342  24.7913
##
## Coefficients:
##               Estimate Std. Error t value Pr(>|t|)
## (Intercept)  43.799421   5.151894   8.502 4.89e-16 ***
## crim         -0.135197   0.030422  -4.444 1.17e-05 ***
## zn            0.024778   0.014222   1.742 0.082318 .
## indus         0.043005   0.060892   0.706 0.480485
## chas          2.213046   0.889561   2.488 0.013301 *
## nox         -19.393777   4.040227  -4.800 2.32e-06 ***
## rm            3.329732   0.448026   7.432 7.71e-13 ***
```

```
## age             0.021802    0.013471    1.618 0.106438
## dis            -1.187884    0.214759   -5.531 6.08e-08 ***
## rad             0.334585    0.069606    4.807 2.25e-06 ***
## tax            -0.014200    0.003915   -3.627 0.000328 ***
## ptratio        -0.863652    0.130906   -6.598 1.48e-10 ***
## black           0.006460    0.002552    2.531 0.011787 *
## lstat          -1.504056    0.143232  -10.501  < 2e-16 ***
## I(lstat^2)      0.029150    0.003678    7.925 2.82e-14 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 4.156 on 364 degrees of freedom
## Multiple R-squared:  0.7928, Adjusted R-squared:  0.7848
## F-statistic: 99.47 on 14 and 364 DF,  p-value: < 2.2e-16
```

根据结果可以看出，zn,indus,chas,age 和 black 这些变量的 T 检验是不显著的，其余的变量的 T 检验都是显著的。回归的整体 R^2 检验值相比较单变量非线性模型有所提高。

其次查看其在测试集上的表现：

```
model3.evaluate<-predict(model.mrm, Boston.test)
ggplot(data = Boston.test) +
  geom_point(aes(x = lstat, y = medv),col="black") +
  geom_line(aes(x = lstat, y = model3.evaluate),col="orange") +
  labs(title = "medv vs lstat - model3",
       y = "medv($1000s)",
       x = "lstat")
```

medv vs lstat – model3
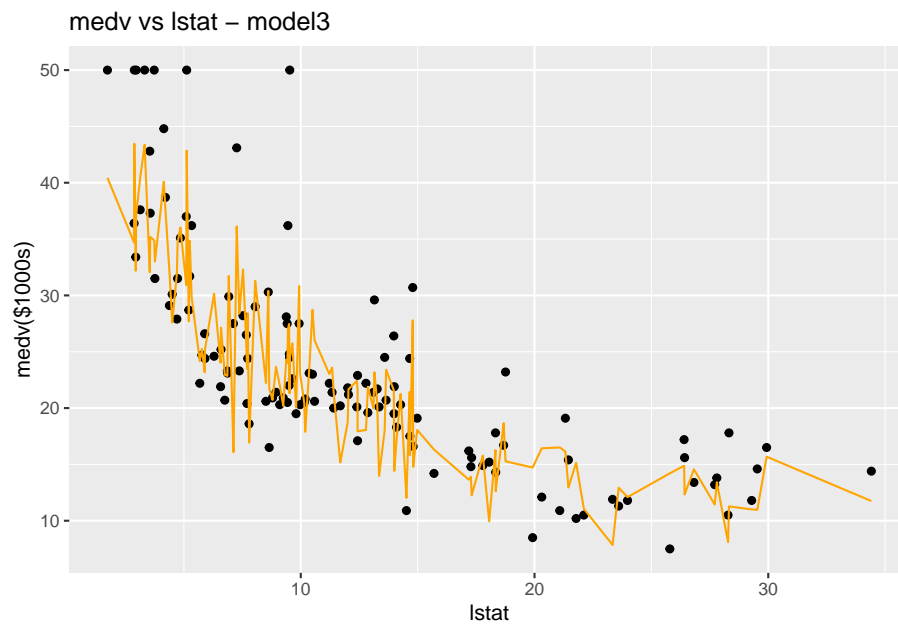
计算其在测试集上的 RMSE，相比之前有了进一步的下降:

```
model3.rmse<-rmse(Boston.test[,14],model3.evaluate)
model3.rmse
```

```
## [1] 4.792194
```

```
plot(model.mrm)
```

Residuals vs Fitted

Fitted values
lm(medv ~ crim + zn + indus + chas + nox + rm + age + dis + rad + tax + ptr ...

Normal Q–Q

Theoretical Quantiles
lm(medv ~ crim + zn + indus + chas + nox + rm + age + dis + rad + tax + ptr ...

Scale−Location

Fitted values
lm(medv ~ crim + zn + indus + chas + nox + rm + age + dis + rad + tax + ptr ...

Residuals vs Leverage

Leverage
lm(medv ~ crim + zn + indus + chas + nox + rm + age + dis + rad + tax + ptr ...
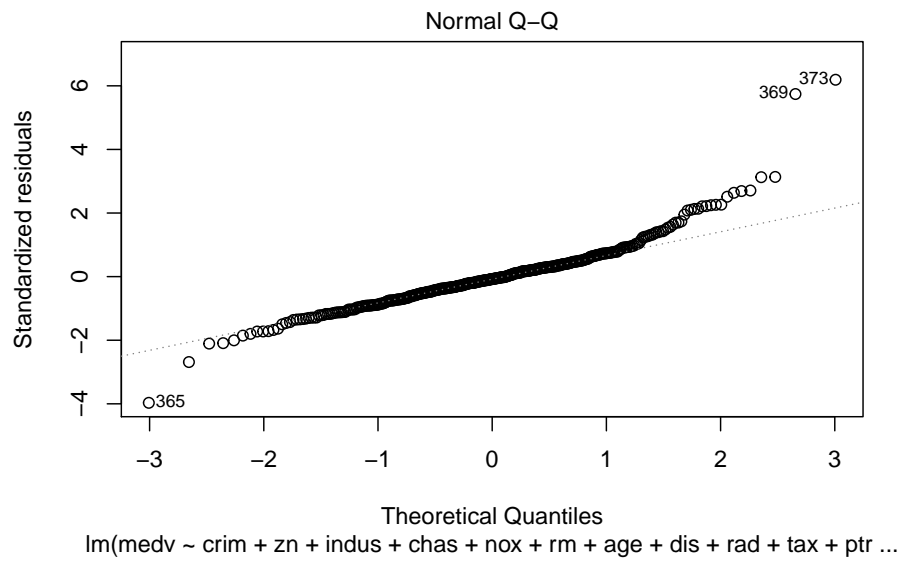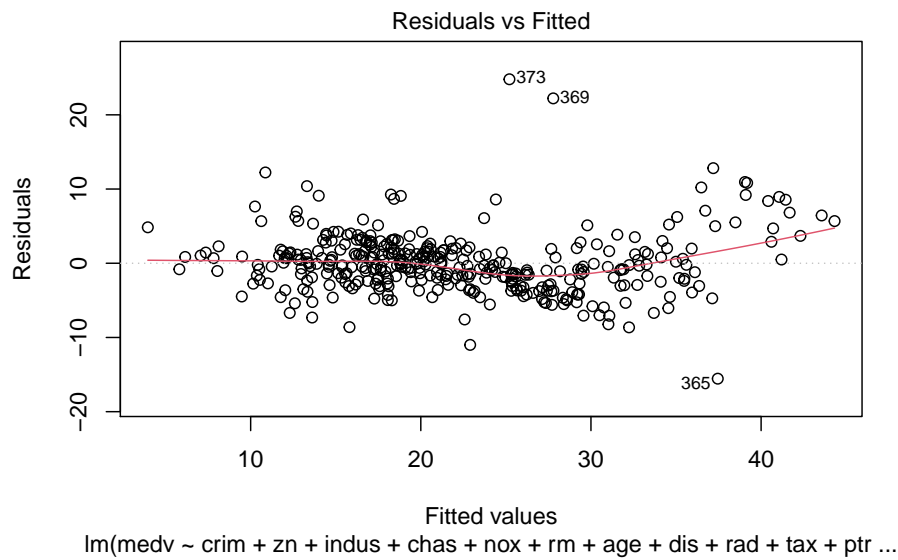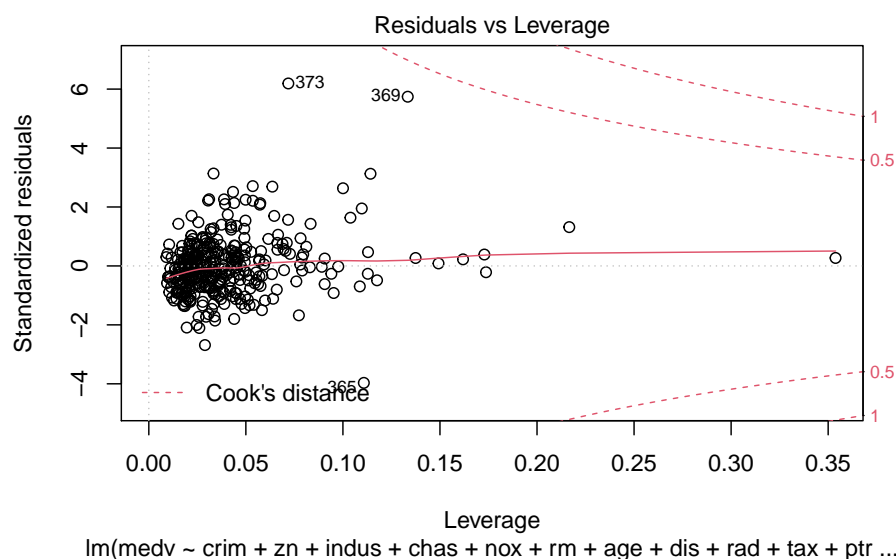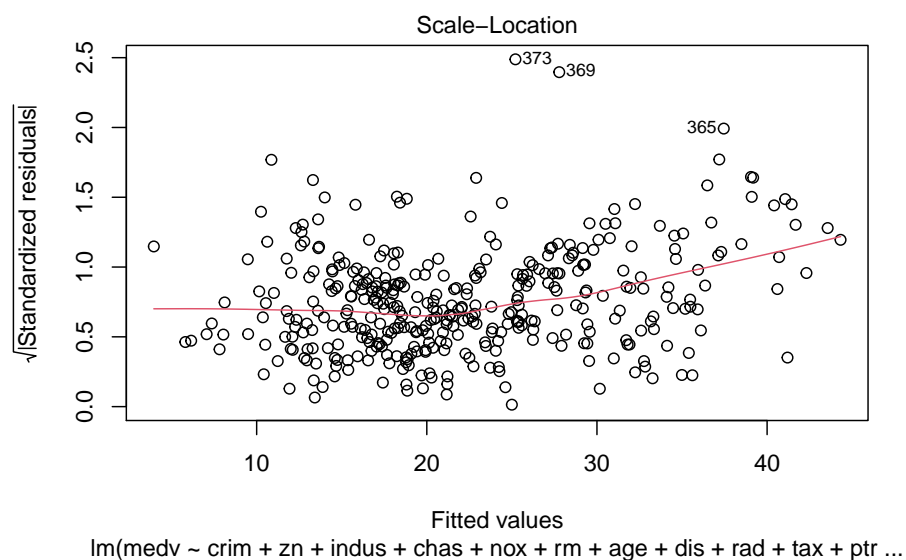
图一显示，模型中某些变量和 medv 并不是线性关系，我们仍需要进一步改进模型，因而考虑引入广义加性模型。

广义加性模型 GAM

在上面的多变量回归中，除 lstat 外，新引入的变量均以线性形式存在，然而实际情况并不一定如此，但我们并不清楚其具体的存在形式，因此我们考虑利用 GAM，对部分变量使用光滑样条函数来拟合。

首先，变量 chas 和 rad 是不连续的，因此不适宜使用光滑样条函数拟合，除此之外的变量我们尝试均用样条函数拟合，建立模型：

```r
library(mgcv)
```

```
## Loading required package: nlme

##
## Attaching package: 'nlme'

## The following object is masked from 'package:dplyr':
##
##     collapse

## This is mgcv 1.8-31. For overview type 'help("mgcv-package")'.
```

```r
model.gam.0 <- gam(medv ~ s(crim) + s(zn) + s(indus) + s(nox) +
                   s(rm) + s(age) + s(dis) +
                   s(tax) + s(ptratio) + s(black) +
                   s(lstat) + chas + rad, data = Boston.train)
summary(model.gam.0)
```

```
##
## Family: gaussian
## Link function: identity
##
## Formula:
## medv ~ s(crim) + s(zn) + s(indus) + s(nox) + s(rm) + s(age) +
##     s(dis) + s(tax) + s(ptratio) + s(black) + s(lstat) + chas +
##     rad
##
## Parametric coefficients:
##             Estimate Std. Error t value Pr(>|t|)
```

```
## (Intercept)  17.6497    1.0417  16.943   < 2e-16 ***
## chas           0.4137    0.7019   0.589     0.556
## rad            0.4537    0.1054   4.304  2.22e-05 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Approximate significance of smooth terms:
##                 edf Ref.df      F  p-value
## s(crim)       3.073  3.838 10.275 1.85e-07 ***
## s(zn)         1.000  1.000  1.267    0.261
## s(indus)      4.009  4.910  1.018    0.452
## s(nox)        8.800  8.976 11.651 4.92e-16 ***
## s(rm)         8.119  8.763 27.424   < 2e-16 ***
## s(age)        1.000  1.000  0.145    0.704
## s(dis)        8.679  8.963  5.737 2.23e-07 ***
## s(tax)        3.254  3.932  7.250 1.49e-05 ***
## s(ptratio)    1.000  1.000 38.074 1.87e-09 ***
## s(black)      1.497  1.832  1.766    0.261
## s(lstat)      4.638  5.767 21.709   < 2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## R-sq.(adj) =  0.888   Deviance explained = 90.2%
## GCV = 10.293  Scale est. = 8.9876    n = 379
```

edf 统计量接近 1 的变量可能和 medv 具有线性关系，因此再结合 p 检验值分析，上述结果中的 zn，age，black 以及 ptratio 同 medv 可能是线性关系，其他的变量仍用样条函数拟合，同时剔除 indus，对模型调整如下：

```
model.gam.1 <- gam(medv ~ s(crim) + zn  + s(nox) +
                   s(rm) + age + s(dis) +
                   s(tax) + ptratio + black +
                   s(lstat) + chas + rad, data = Boston.train)
summary(model.gam.1)
```

```
##
## Family: gaussian
## Link function: identity
##
## Formula:
## medv ~ s(crim) + zn + s(nox) + s(rm) + age + s(dis) + s(tax) +
##     ptratio + black + s(lstat) + chas + rad
##
## Parametric coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept) 30.485739   2.540361  12.001  < 2e-16 ***
## zn           0.012390   0.013494   0.918    0.359
## age         -0.007073   0.011298  -0.626    0.532
## ptratio     -0.717569   0.111394  -6.442 4.09e-10 ***
## black        0.002959   0.002097   1.411    0.159
## chas         0.562623   0.686614   0.819    0.413
## rad          0.426652   0.081793   5.216 3.20e-07 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Approximate significance of smooth terms:
##            edf Ref.df      F  p-value
## s(crim)  3.088  3.869 10.484 8.29e-08 ***
## s(nox)   8.562  8.923 10.890 2.76e-15 ***
## s(rm)    8.006  8.722 28.486  < 2e-16 ***
## s(dis)   8.745  8.978  6.310 2.64e-08 ***
## s(tax)   3.073  3.716  7.371 2.31e-05 ***
## s(lstat) 4.682  5.819 21.655  < 2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## R-sq.(adj) =  0.886   Deviance explained = 89.9%
## GCV = 10.283  Scale est. = 9.1122    n = 379
```

进一步，剔除显著性极低的 zn,age,black 和 chas 变量，调整模型为：

```r
model.gam <- gam(medv ~ s(crim)  + s(nox) +s(rm) + s(dis) +
            s(tax) + ptratio + s(lstat)  + rad,
            data = Boston.train)
summary(model.gam)
```

```
##
## Family: gaussian
## Link function: identity
##
## Formula:
## medv ~ s(crim) + s(nox) + s(rm) + s(dis) + s(tax) + ptratio +
##     s(lstat) + rad
##
## Parametric coefficients:
##             Estimate Std. Error t value Pr(>|t|)
## (Intercept) 31.65564    2.20861  14.333  < 2e-16 ***
## ptratio     -0.74255    0.10864  -6.835 3.81e-11 ***
## rad          0.42896    0.08124   5.280 2.31e-07 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Approximate significance of smooth terms:
##             edf Ref.df      F  p-value
## s(crim)   3.079  3.857 12.125 5.61e-09 ***
## s(nox)    8.545  8.917 11.329 8.03e-16 ***
## s(rm)     8.005  8.722 29.441  < 2e-16 ***
## s(dis)    8.766  8.981  7.375 6.67e-10 ***
## s(tax)    3.137  3.794  7.447 1.59e-05 ***
## s(lstat)  4.796  5.936 28.008  < 2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
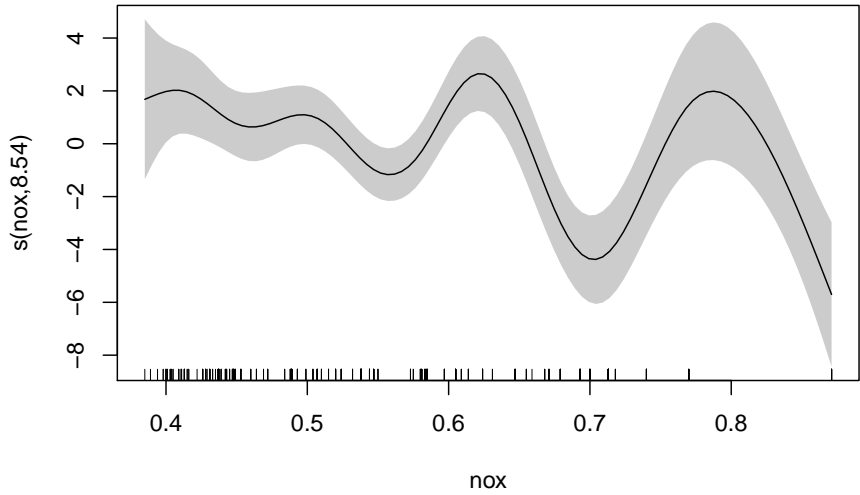##
```

```
## R-sq.(adj) =  0.887   Deviance explained = 89.8%
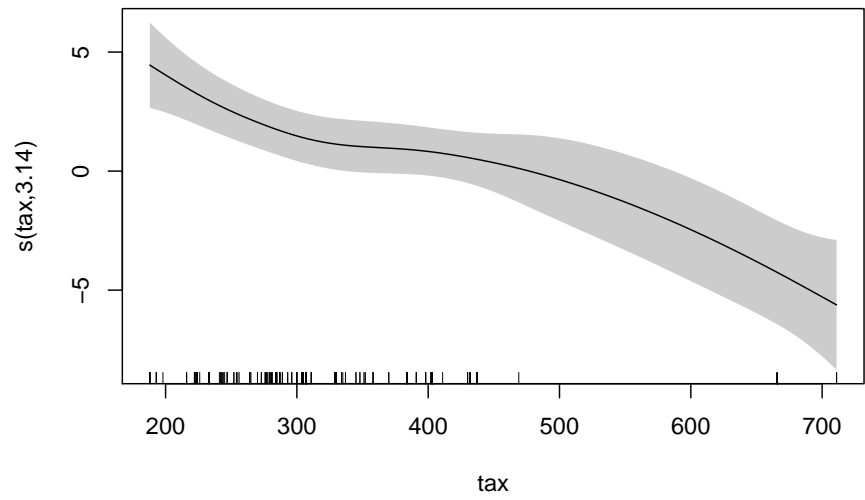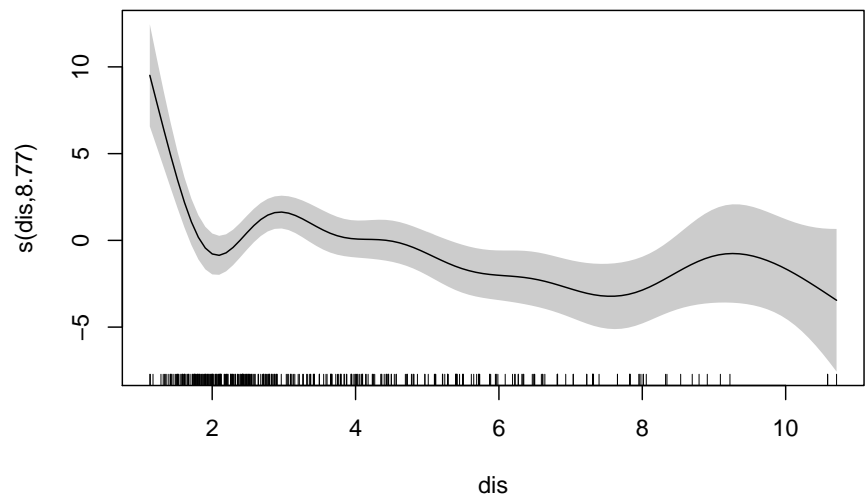## GCV = 10.141  Scale est. = 9.0884     n = 379
```

　　可见各变量的显著程度明显增大，且 R^2 检验值相比之前显著提高，拟合程度优良，且各变量的显著性都很高，得到了较好的统计性质。

　　GAM 模型中个变量和 medv 的非线性关系如下图所示：

```
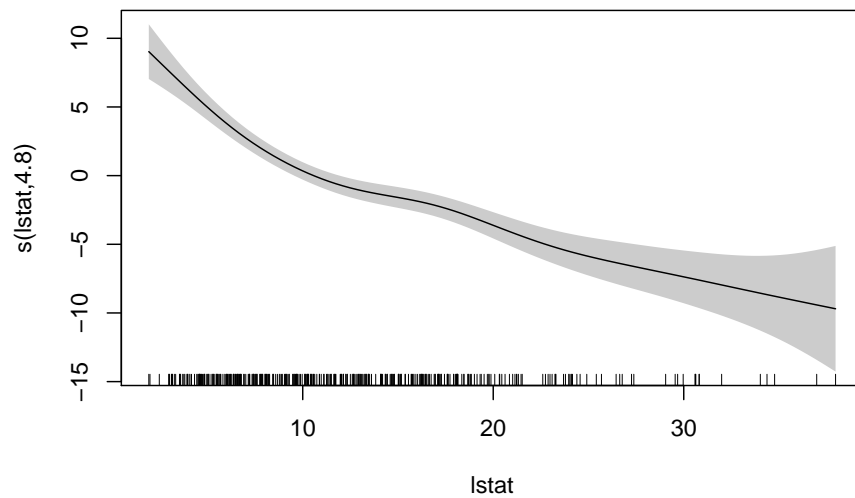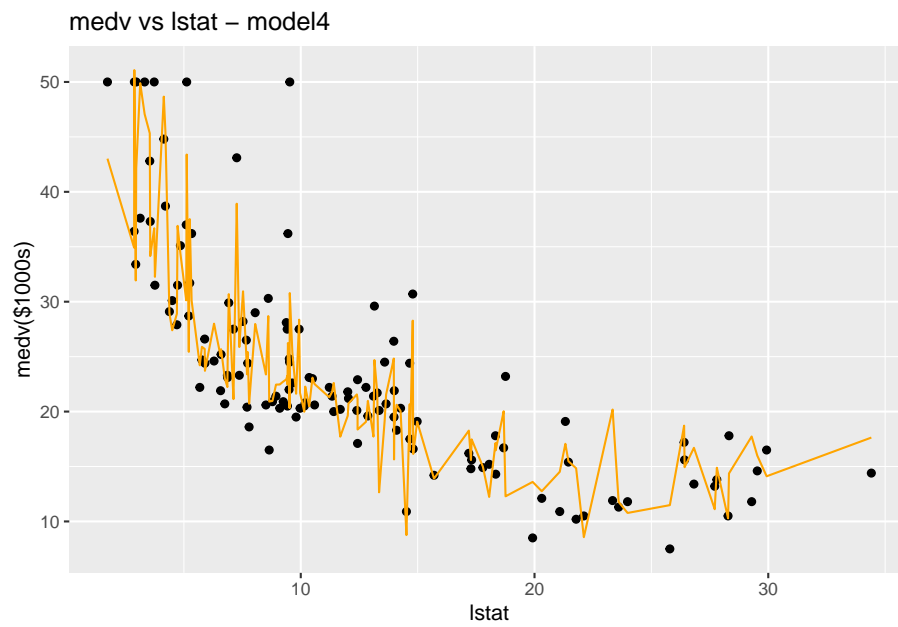plot(model.gam, shade = TRUE, seWithMean = TRUE, scale = 0)
```
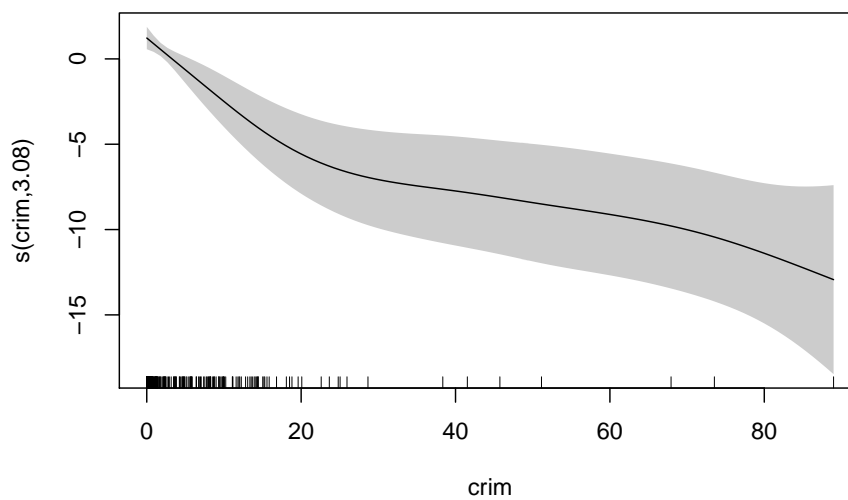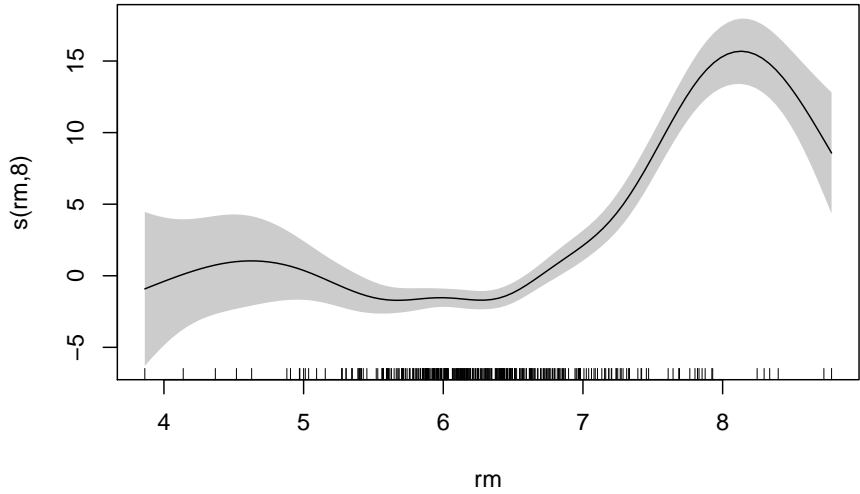
观察 GAM 模型在测试集上的表现：

```r
model4.evaluate<-predict(model.gam, Boston.test)
ggplot(data = Boston.test) +
  geom_point(aes(x = lstat, y = medv),col="black") +
  geom_line(aes(x = lstat, y = model4.evaluate),col="orange") +
  labs(title = "medv vs lstat - model4",
       y = "medv($1000s)",
       x = "lstat")
```

medv vs lstat – model4

计算其在测试集上的 RMSE，相比之前的模型有显著降低：

```
model4.rmse<-rmse(Boston.test[,14],model4.evaluate)
model4.rmse
```

```
## [1] 4.056175
```

结论

参考文献