# 创建统计过程控制图表



## 描述

创建SPC（*统计过程控制*）图表。

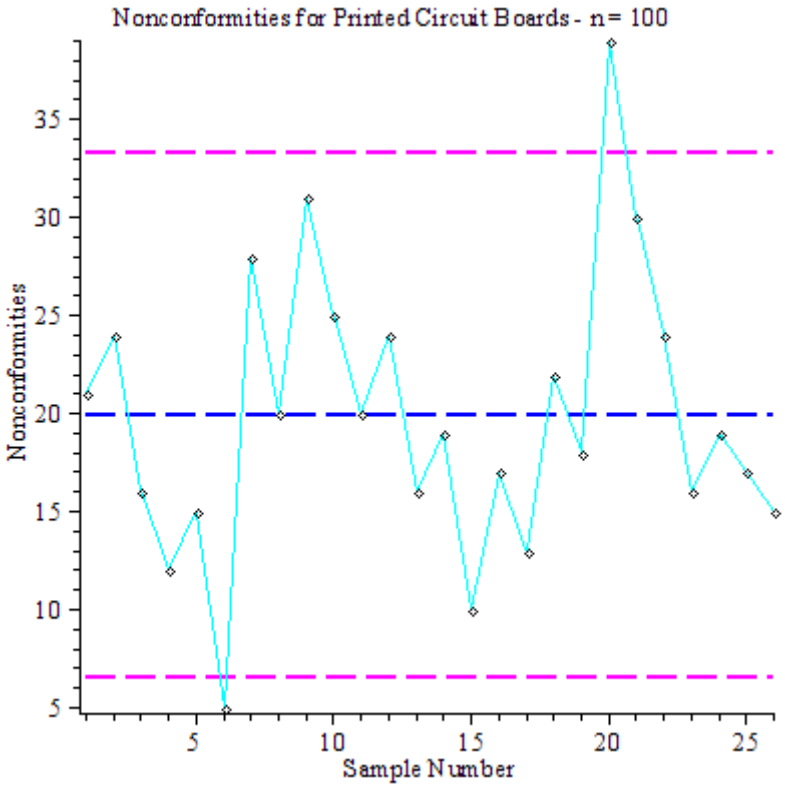
使用工具-分析助手中的输入数据任务助手输入数据文件，或者在命令行中以数组的形式输入数据。

```
> Array([21, 24, 16, 12, 15, 5, 28, 20, 31, 25, 20, 24, 16, 19, 10, 17, 13, 22, 18, 39,
      30, 24, 16, 19, 17, 15])
```

$$\begin{bmatrix} 1 .. 26\ Array \\ Data\ Type: anything \\ Storage: rectangular \\ Order: Fortran\_order \end{bmatrix}$$

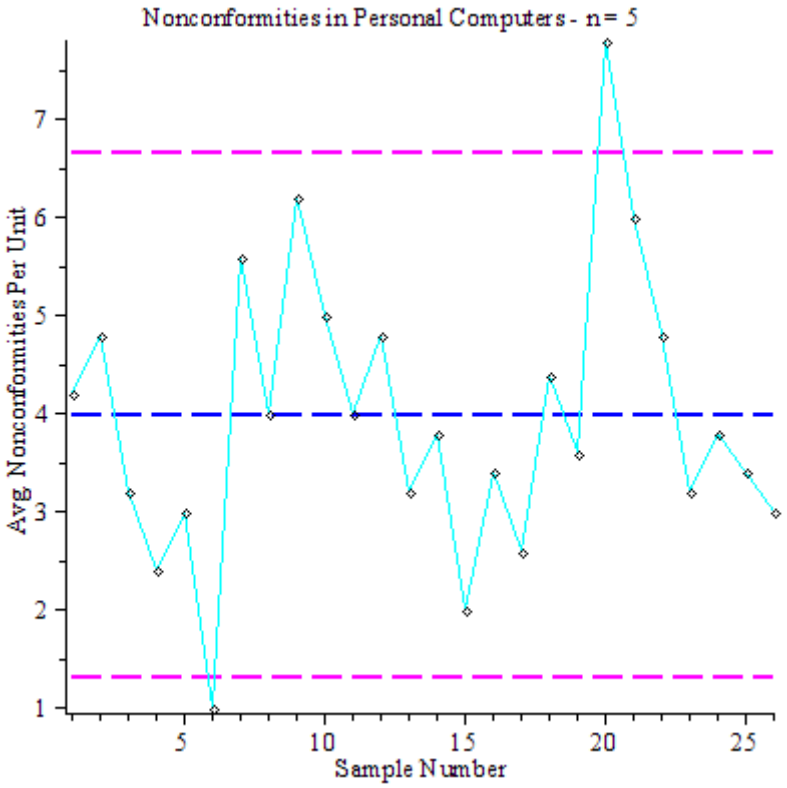
绘制 C 图表。

```
> ProcessControl[CChart]((1), 100, title
      = "Nonconformities for Printed Circuit Boards - n = 100", labels =
      ["Sample Number", "Nonconformities"], labeldirections
      = [horizontal, vertical])
```



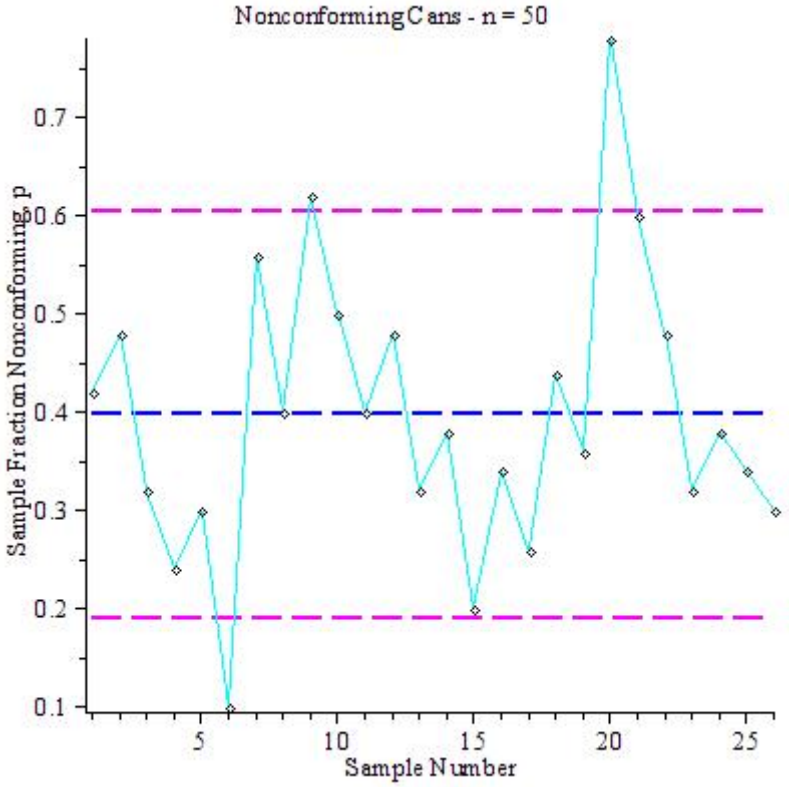
绘制 U 图表。

```
> ProcessControl[CChart]((1), 100, title
    = "Nonconformities for Printed Circuit Boards - n = 100", labels =
    ["Sample Number", "Nonconformities"], labeldirections
    = [horizontal, vertical])
```



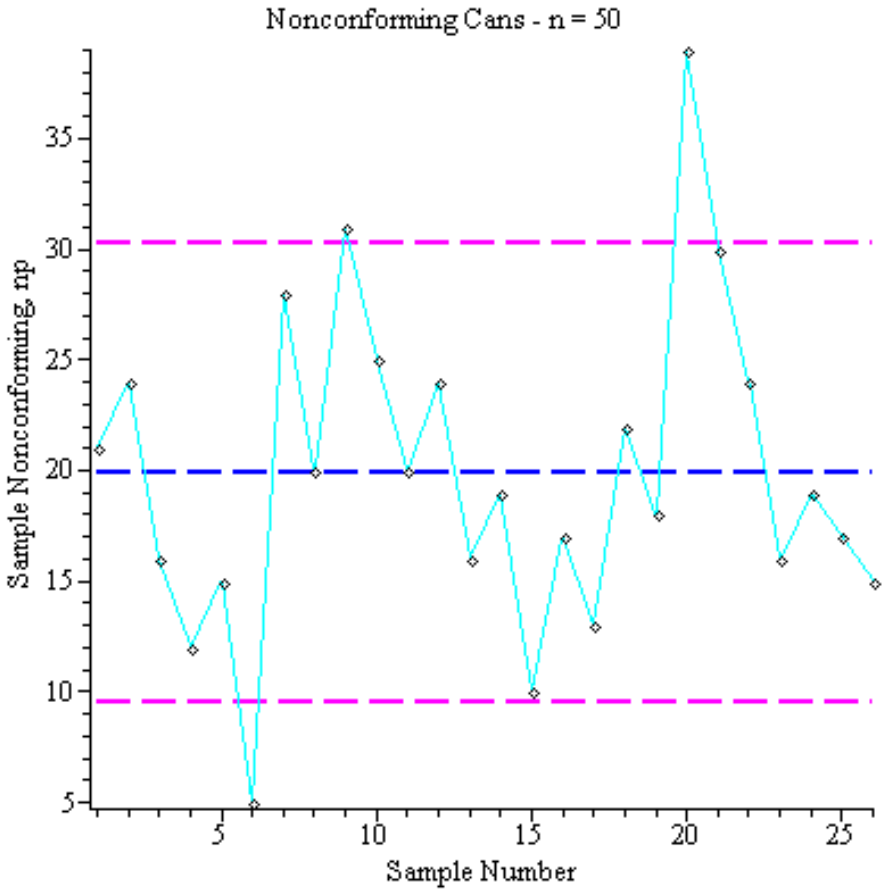

绘制 P 图表。

```
> ProcessControl[PChart]((1), 50, title
    = "Nonconforming Cans - n = 50", labels = ["Sample Number",
    "Sample Fraction Nonconforming, p"], labeldirections
    = [horizontal, vertical])
```




绘制 NP 图表。

```
> ProcessControl[NPChart]((1), 50, title
    = "Nonconforming Cans - n = 50", labels = ["Sample Number",
    "Sample Nonconforming, np"], labeldirections = [horizontal,
    vertical])
```




## 所用命令

Array, ProcessControl[CChart], ProcessControl[NPChart], ProcessControl[PChart], ProcessControl[UChart]

## 参见

ProcessControl, ProcessControl[CControlLimits], ProcessControl[NPControlLimits], ProcessControl[PControlLimits], ProcessControl[UControlLimits], Statistics

本文件位置：文件 -> 新建… -> 模版.. -> CreatSPCCharts.mw
更多资料：www.cca-es.com