
Subject: Re: Boxplots?

Posted by [jg1ifj](#) on Wed, 28 Jul 1993 14:50:41 GMT

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Here is a short procedure which draws Boxplot. You may want to change line width by "thick" parameter (ex. plots,[1,1],[1,2],thick=4)

example:

```
WAVE> plot,[1,2],/nodata,yr=[0,10],xr=[0,10]
```

```
WAVE> box_plot, 2, [1,3,4,6,8,9,5], 0.5
```

```
-----  
pro box_plot, x, y, w
```

```
w2 = float(w)/2
```

```
xx = [x-w2, x+w2]
```

```
for i=0, 4 do begin
```

```
    plots, xx, [y(i), y(i)]
```

```
endfor
```

```
plots, [x, x], [y(0), y(1)]
```

```
plots, [x, x], [y(3), y(4)]
```

```
plots, [x-w2, x-w2], [y(1), y(3)]
```

```
plots, [x+w2, x+w2], [y(1), y(3)]
```

```
plots, [x, x], [y(5), y(5)], psym=2
```

```
end  
-----
```

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