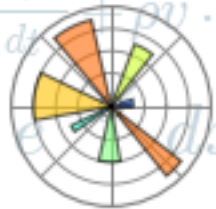




Py4Science 4 @ UND 2009-06-25



IP[y]:



matplotlib



IPython from Python

```
import IPython
```

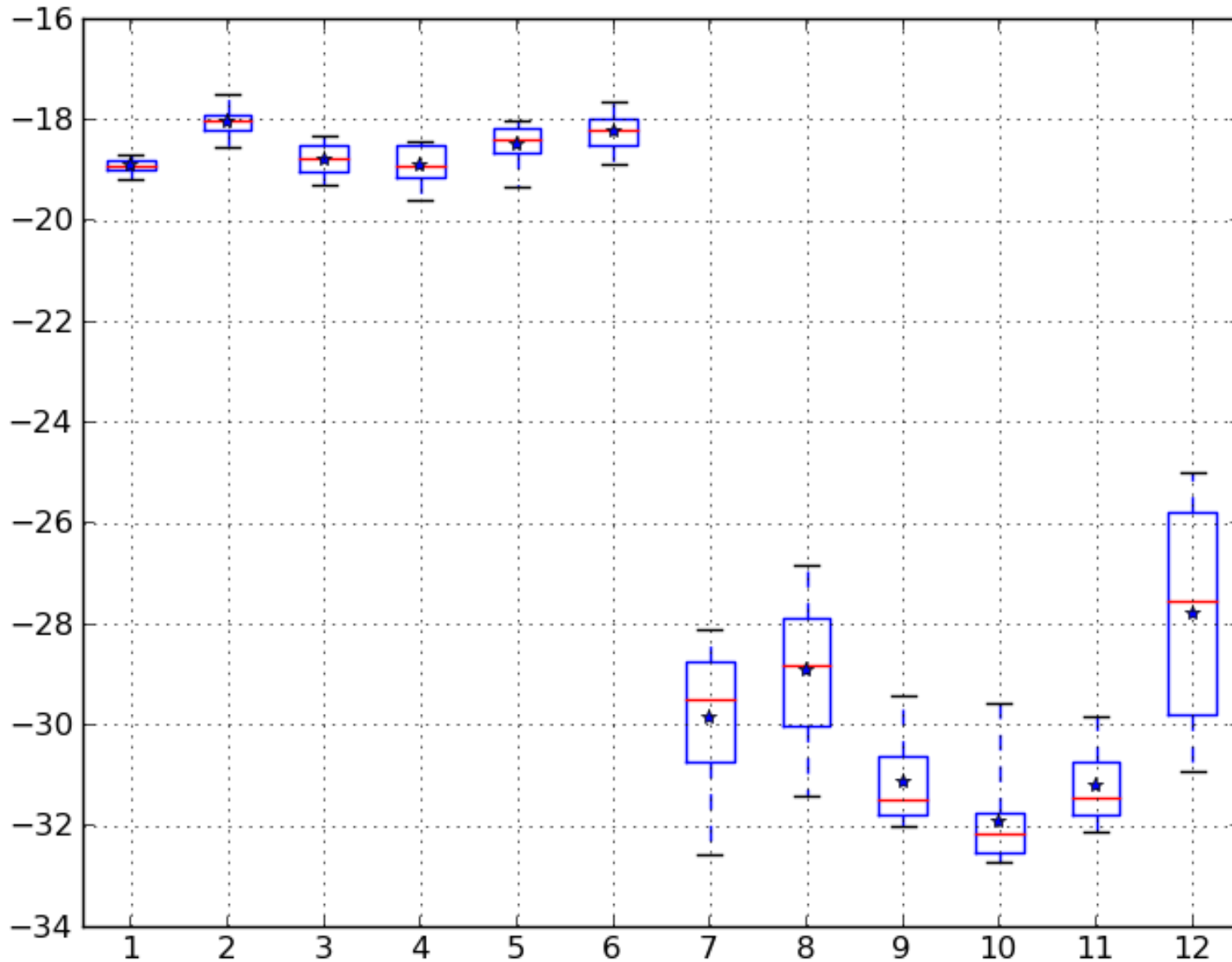
```
ipy = IPython.Shell.start()
```

```
### Your code goes here...
```

```
ipy.mainloop()
```

Little hack in the code for always "pylab"

Boxplots with SPlot



IP[y]: More Tricks...

In [1]: run m.py

In [2]: edit -x m.py

In [3]: run -d debug.py

In [4]: %lsmagic
p, pinfo, psource, ?, ??



A Demo...

```
[gsever@ccn sage-4.0.2]$ ./sage
```

```
| Sage Version 4.0.2, Release Date: 2009-06-18
```

```
| Type notebook() for the GUI, and license() for information.
```

```
sage: notebook()
```

["Sage: Unifying Mathematical Software"](#), [video part 1](#), [video part 2](#)