

Manip 4: Utilisation de Matplotlib

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In [8]: import glob
import numpy as np
import matplotlib.pyplot as plt
import os
filenames=glob.glob("*.csv")
listing=filenames[0:3]
```

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In [9]: for f in listing:
        print (f)
        data = np.loadtxt(fname=f, delimiter=',')

        fig = plt.figure(figsize=(10.0, 3.0))

        # séparer en 1 ligne et 3 colonnes pour le placement
        axes1 = fig.add_subplot(1, 3, 1)
        axes2 = fig.add_subplot(1, 3, 2)
        axes3 = fig.add_subplot(1, 3, 3)

        axes1.set_ylabel('moyenne')
        axes1.plot(data.mean(axis=0))

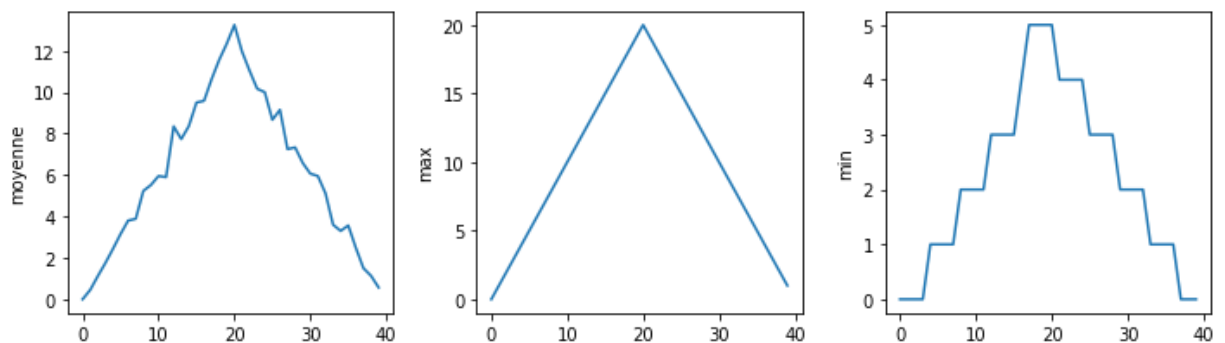
        axes2.set_ylabel('max')
        axes2.plot(data.max(axis=0))

        axes3.set_ylabel('min')
        axes3.plot(data.min(axis=0))

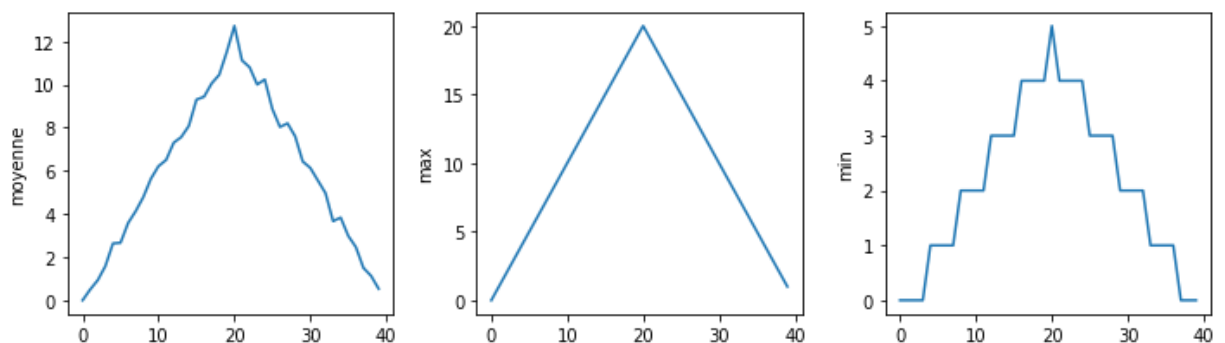
        fig.tight_layout()
        plt.show(fig)

```

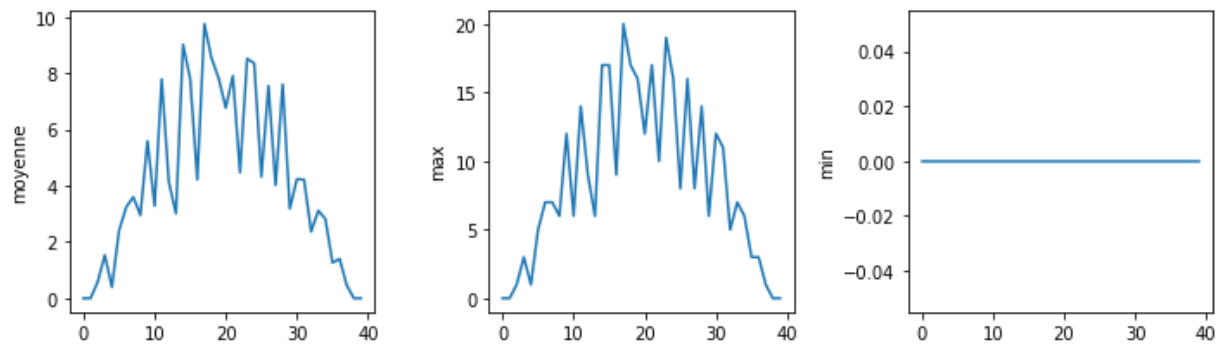
inflammation-01.csv



inflammation-02.csv



inflammation-03.csv



In []: