

File Edit View Insert Cell Kernel Help

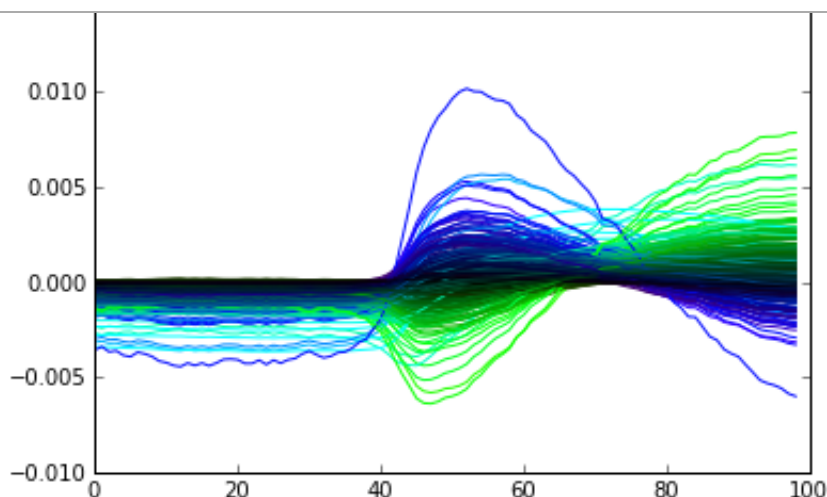









Code ▼ Cell Toolbar: None ▼



NMF

In [137]: `from thunder import NMF`

In [139]: `model = NMF(k=3, maxiter=20).fit(ts)`

```

-----
-----
TypeError                                Traceback (most recent call last)
<ipython-input-139-2e704998be47> in <module>()
----> 1 model = NMF(k=3, maxiter=20).fit(ts)

/root/thunder/python/thunder/factorization/nmf.pyc in fit(self, mat)
    166             # normalize the rows of H
    167             # noinspection PyUnresolvedReferences
--> 168             h = np.dot(np.diag(1 / np.maximum(np.linalg.
norm(h, axis=1), 0.001)), h)
    169
    170             # estimate convergence

TypeError: norm() got an unexpected keyword argument 'axis'

Initializing NMF

```

ICA

In [140]: `from thunder import ICA`

In [141]: `model = ICA(k=10,c=10).fit(ts)`

```
In [142]: plt.plot(model.a);
```

