
OceanHeatFlux PDF analysis

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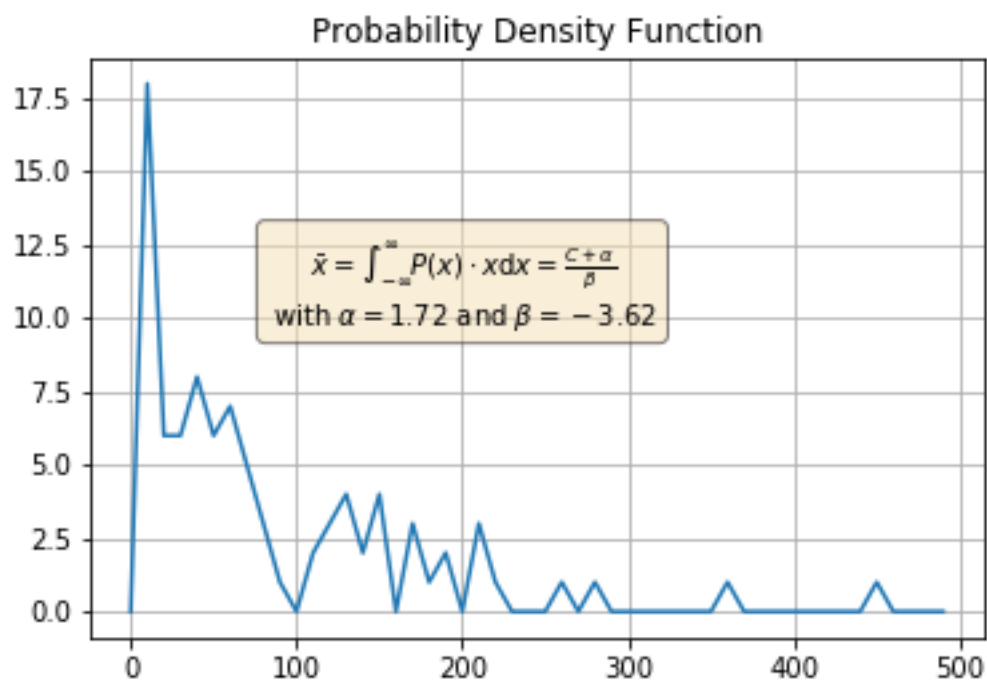
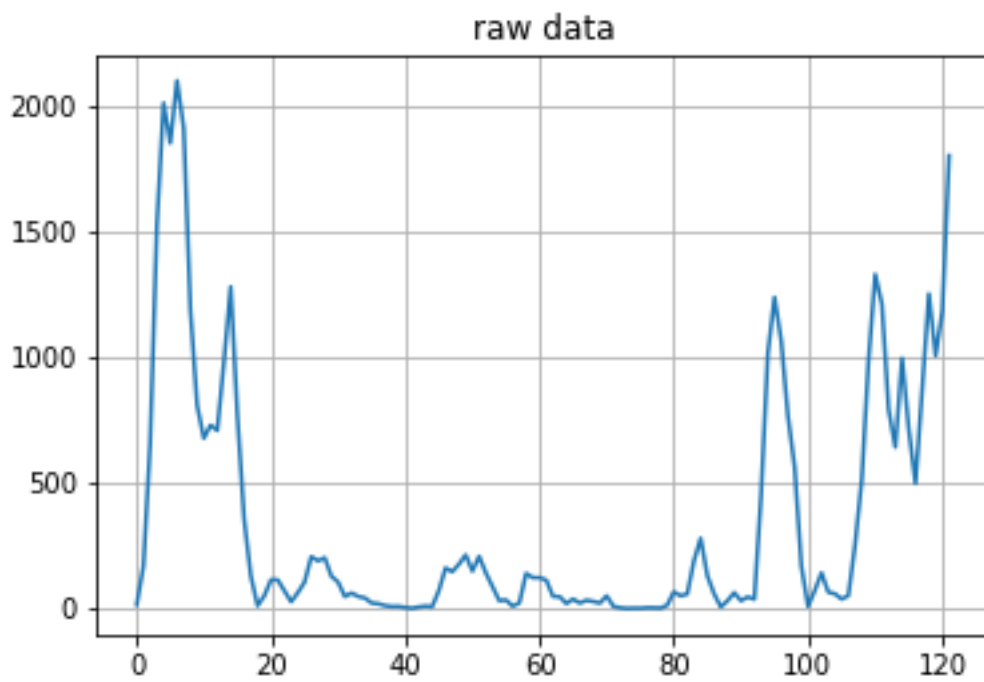
You can use this lib to compute distribution parameters (width, center and height) from air-sea heat fluxes timeseries

1.1 library usage

To use the method :MFT_compute: you can do like this:

```
from OHF_MFT_compute import MFT_compute
import logging
import numpy
tsfile = "../docs/static/Gulev_timeSerie_test.dat"
fid = open(tsfile)
tsdata = fid.readlines()
fid.close()
tsdata_num = []
tsdata_num = [float(x.replace('/', '')) for x in tsdata]
tsdata_num = numpy.array(tsdata_num)
resu = MFT_compute(tsdata_num, 'SULHF')
print "beta", resu['beta']
print 'apha', resu['alpha']
print resu.keys()
```

```
[out] beta -3.61935079661
[out] apha 1.7162575696
[out] ['binedges', 'dataPdf', 'xxx', 'dataCdf', 'hist', 'beta', 'alpha']
```



1.2 about

This library has been developed at IFREMER LOPS SIAM laboratory in the framework of OceanHeatFlux ESA project. <https://wwz.ifremer.fr/oceanheatflux/>

2.1 lib.OHF_MFT_compute

CHAPTER 3

Indices and tables

- `genindex`
- `modindex`
- `search`