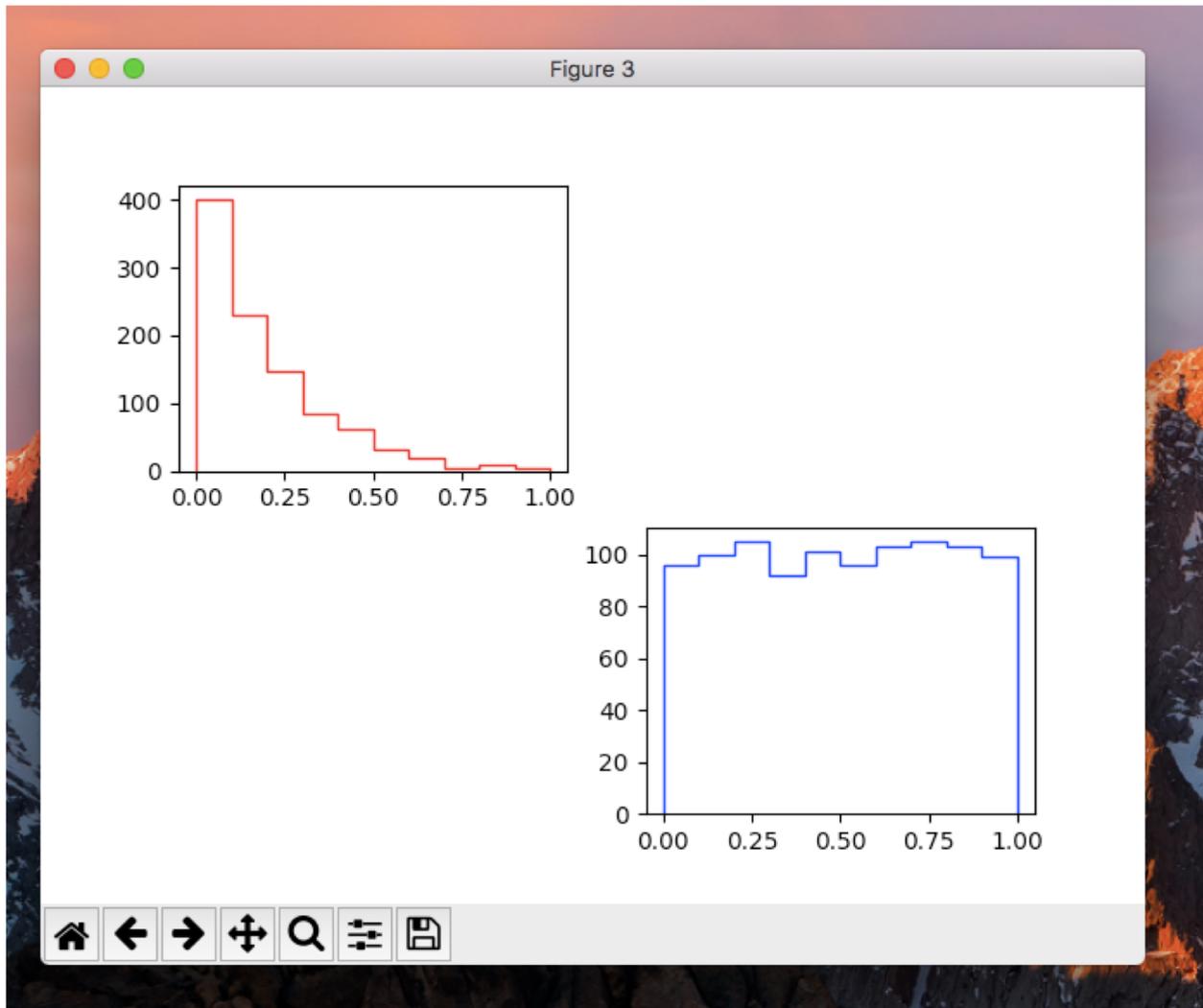
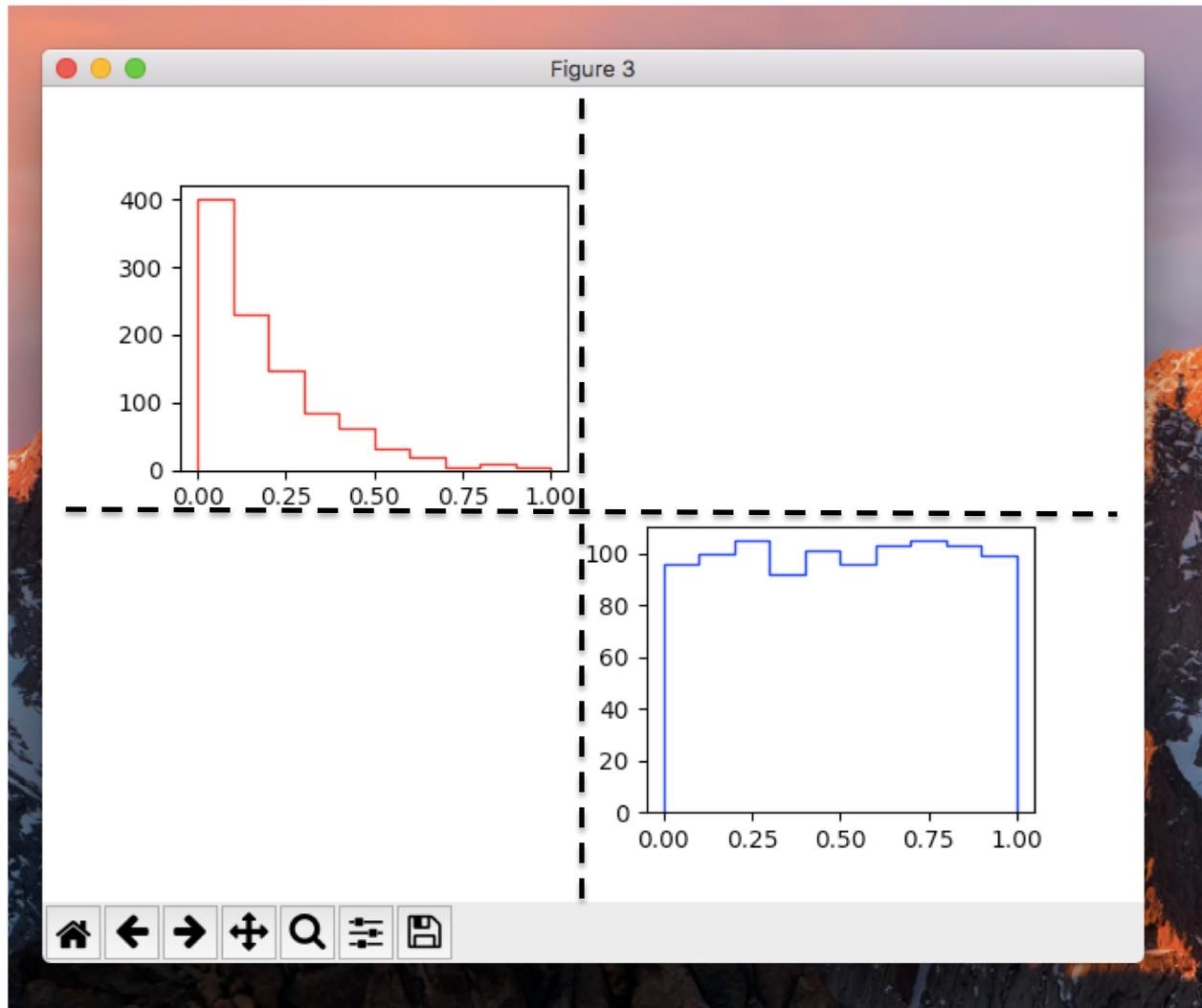


Screenshot of my desktop, showing a “figure”



This figure is divided in a 2x2 grid of “Axes”



```
import matplotlib.pyplot as plt  
fig, ax = plt.subplots(2,2)
```

```
import matplotlib.pyplot as plt
```

```
fig, ax = plt.subplots(2,2)
```

returns a “Figure” object and an array of “Axes” objects

- or just a single Axes if the Figure only has one Axes

- `fig, ax = plt.subplot()` or `fig, ax = plt.subplots(1,1)`

- To access individual axes (if more than one):

- `topLeftAx = ax[0][0]` etc etc

every other element “belongs” to the Axes, e.g,

- Histogram: `ax.hist(.....)`

Put figure on screen with `fig.show()` or `plt.show()`

- In 1st case execution continues and plot disappears when execution is completed

- In 2nd case execution stops until you dismiss the window

- `plt.savefig('blah.png')` saves it to a file

Anatomy of a figure

