

plotly-signif

A python example of drawing a box plot based on the plotly package, with freely definable statistical annotations

How to use

```
from plotly_signif import *
import pandas as pd
iris = pd.read_csv('https://raw.githubusercontent.com/mwaskom/seaborn-
data/master/iris.csv')
df1 = iris.groupby("species").mean()
df2 = iris.groupby("species").sem()
```

```
test = plotly_signif(data=df1,error=df2,text={"x":"","y":""})
test.plot()
# Add statistical annotation
annotation_list = [[0,1,1],[2,0,3,-1],[2,1,2,2],[0,1,3,6],[0,2,3,10]]
test.add_annotations(annotation_list = annotation_list,text="***")
test.add_annotations(annotation_list = [[1,2,3,4]],text="🌀",sign_d_index=2)
test.add_annotations(annotation_list = [[1,1,2,5]],text="🕒",sign_d_index=2)
test.add_annotations(annotation_list =
[[1,0,2,2]],text="☆☆☆",sign_d_index=2,size=12)
test.add_annotations(annotation_list = [[1,2,0]],text="ns",size=14,sign_d_index=2)
# draw/save
test.show(save_path="./image/example.png") # Save usage properties save_path =
"./image/example.png"
```

