

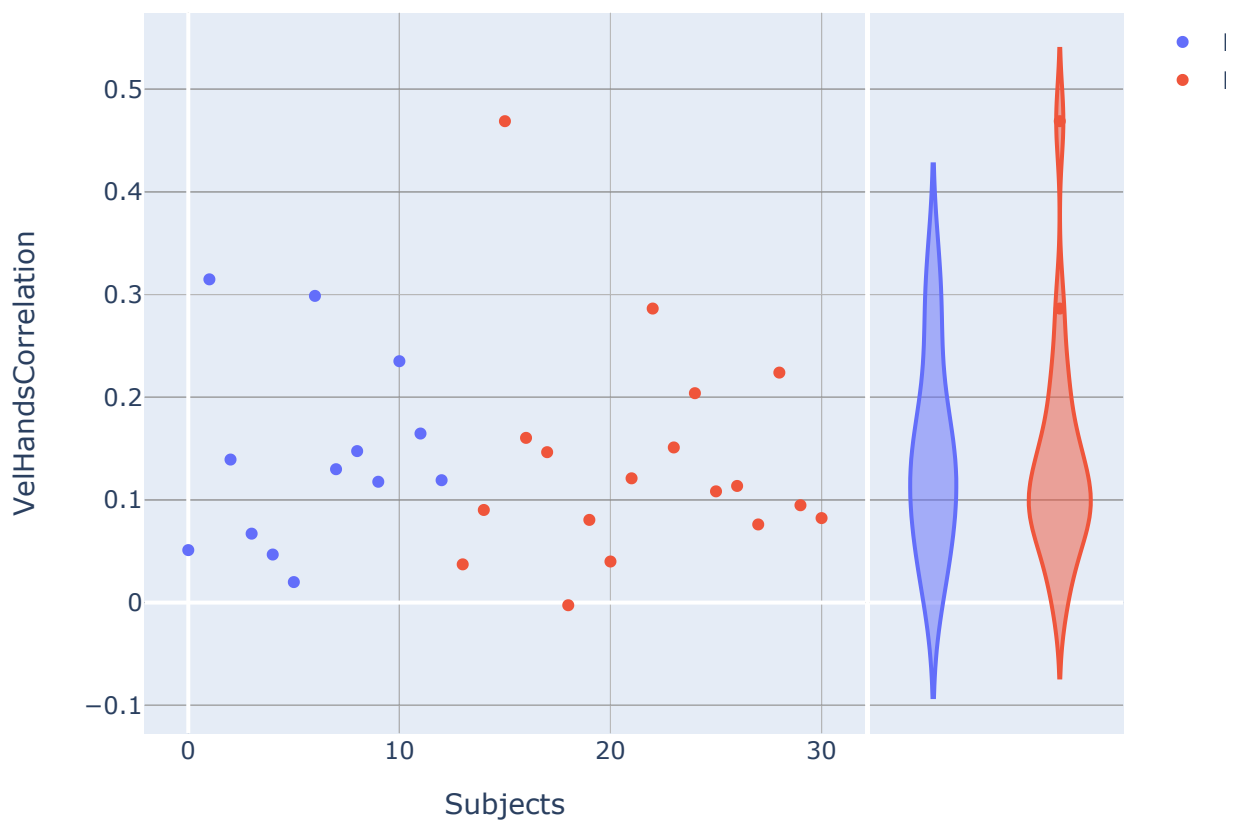
```
[1] import scipy.io
import numpy as np
import pandas as pd
import plotly.io as pio
import plotly.express as px
import matplotlib.pyplot as plt
import os
import sys

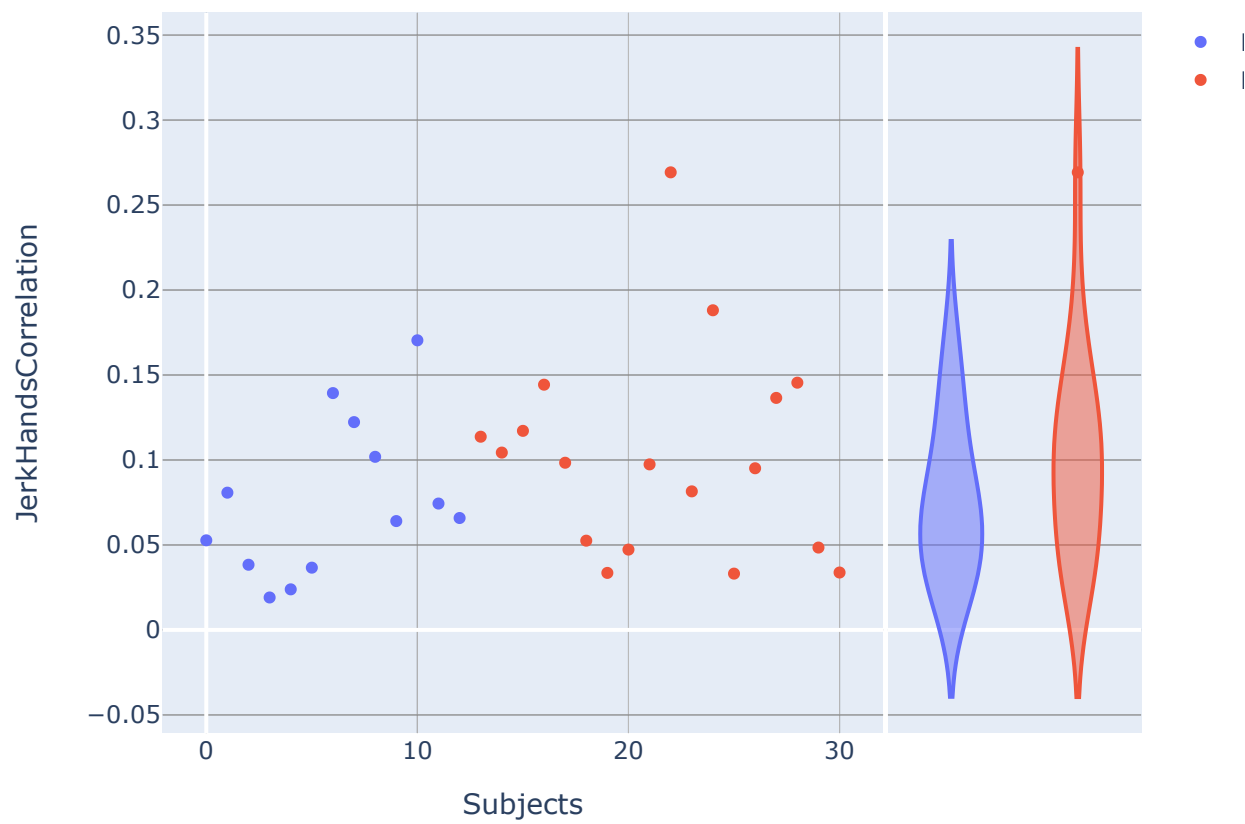
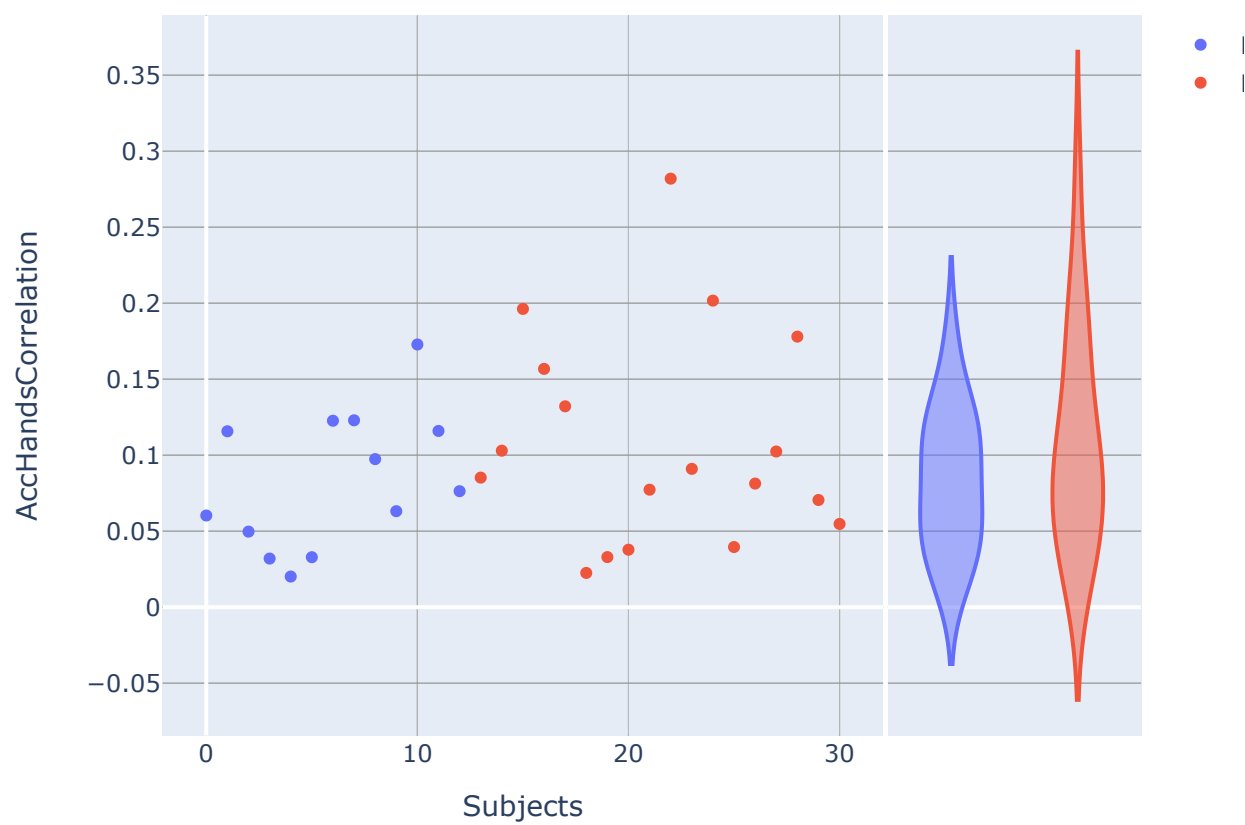
#pio.templates.default = "plotly_white"
#theme = "plotly_white" #"plotly_dark",

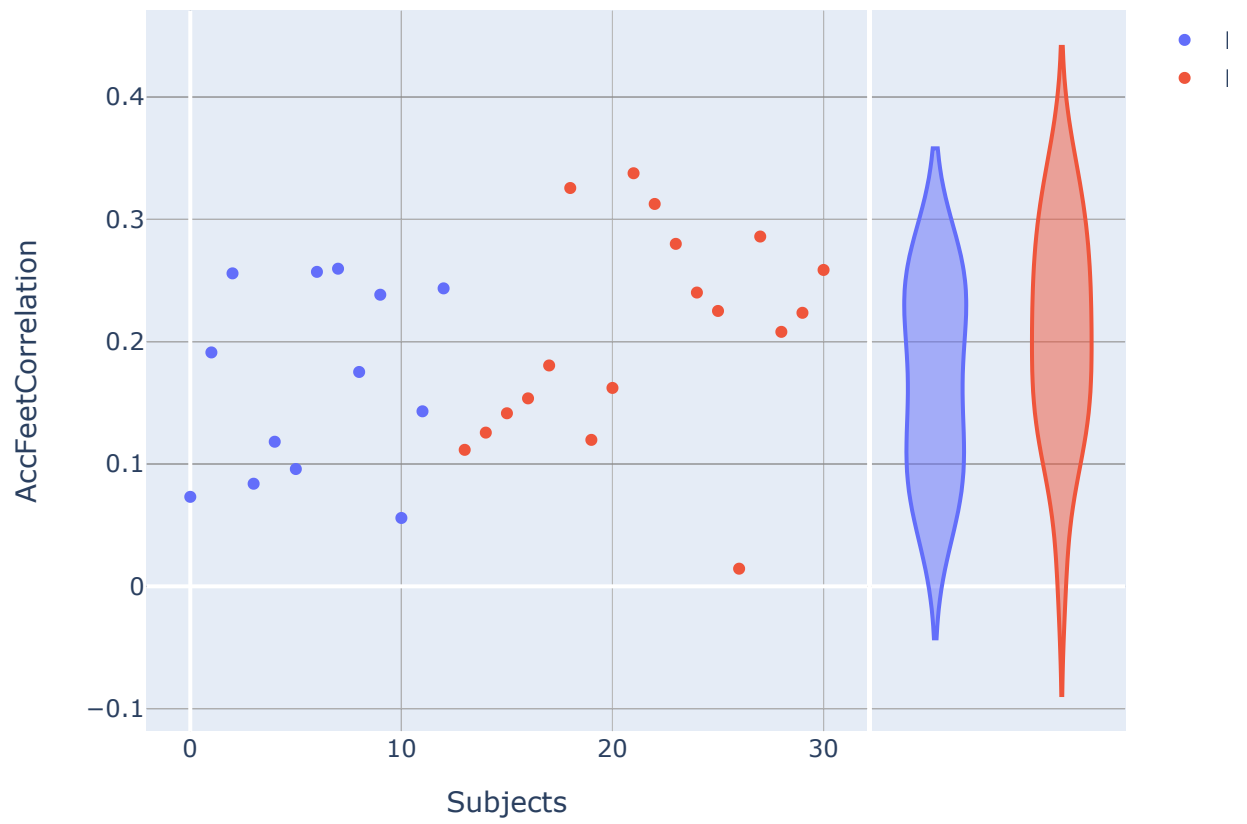
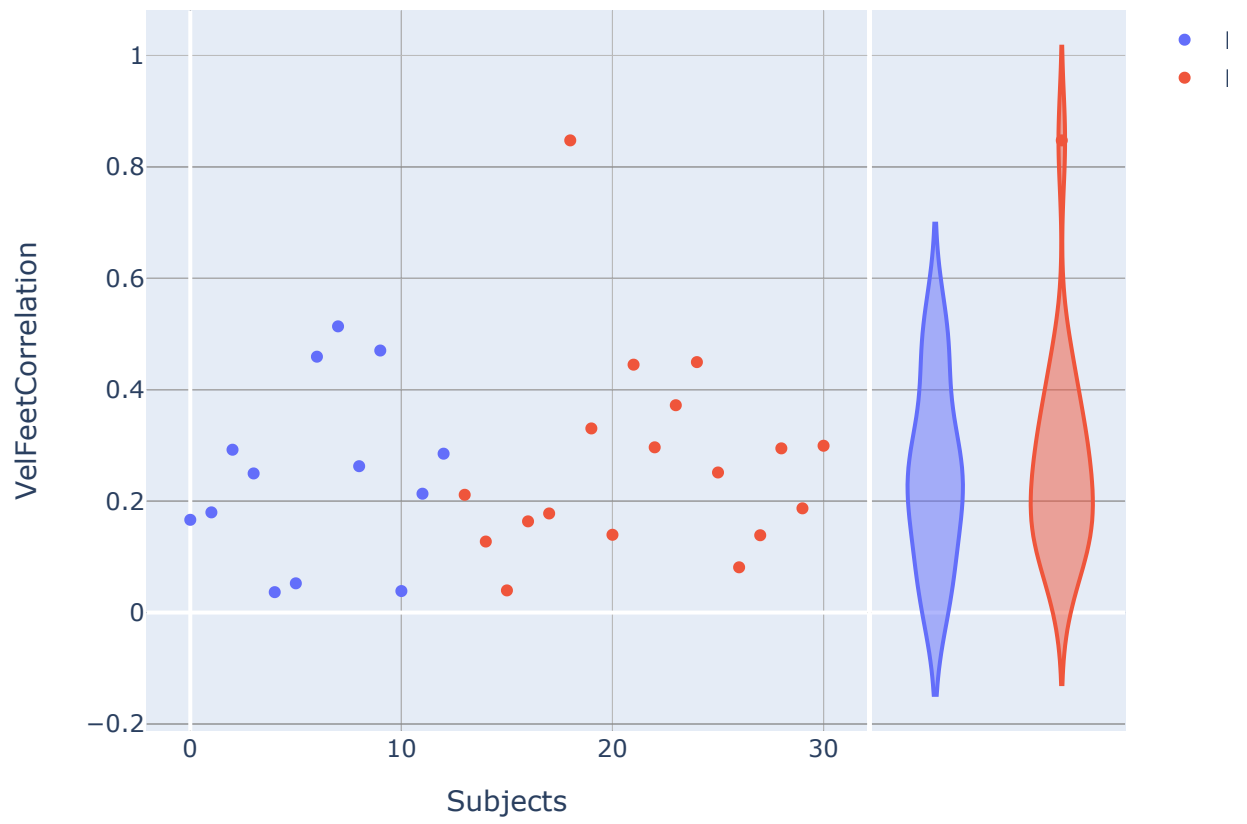
os.chdir("/Users/lucagarello/Desktop/Classifier")

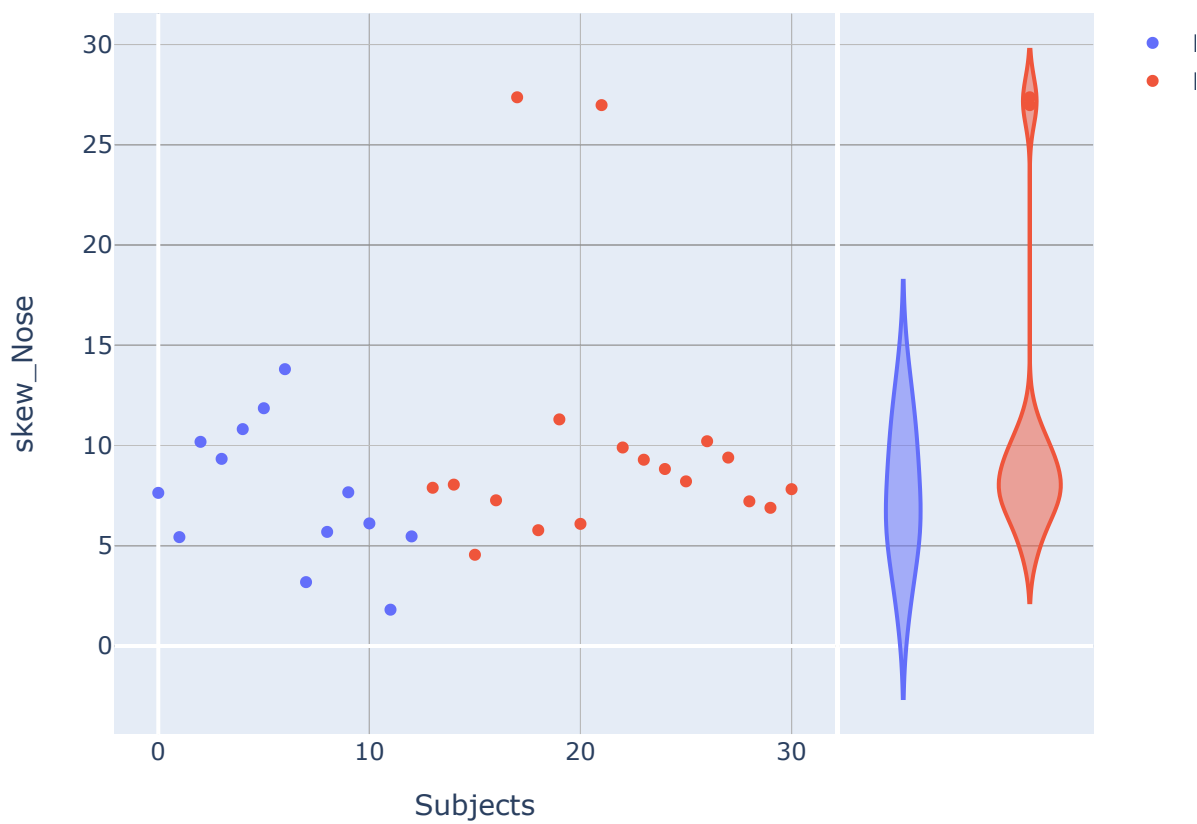
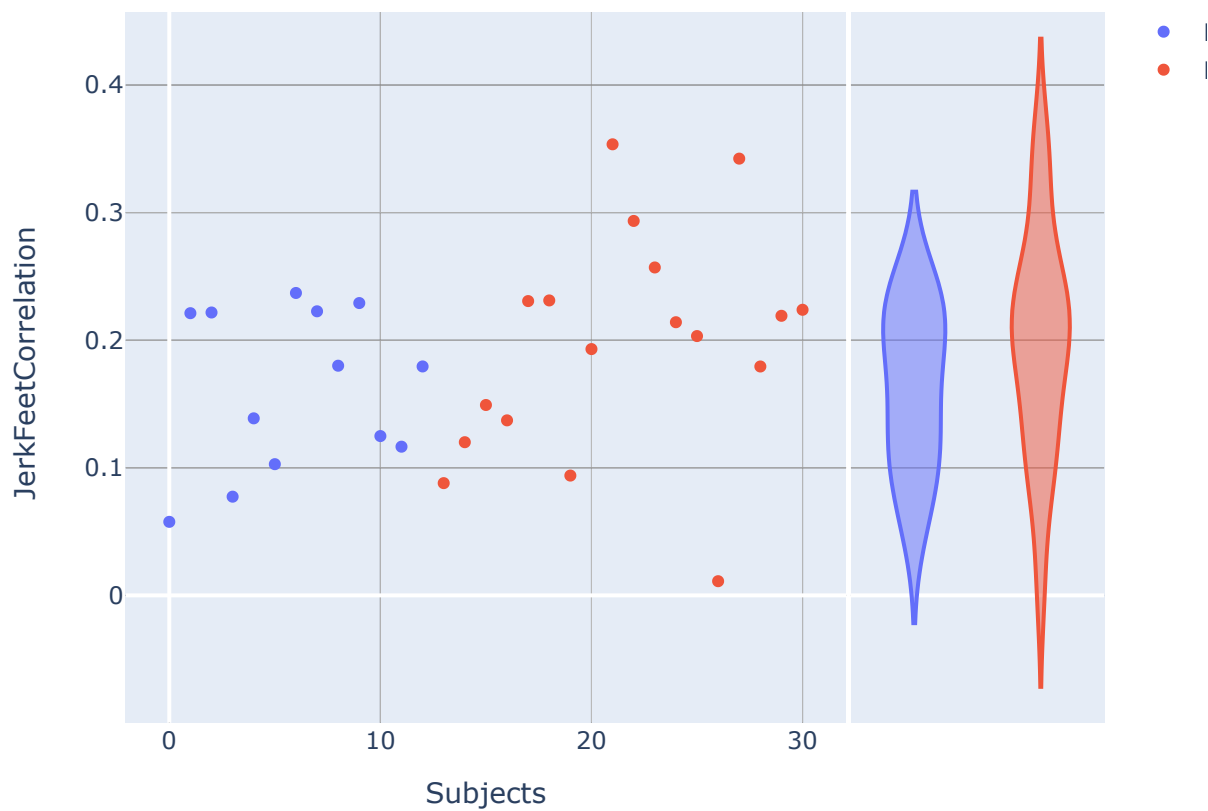
Dataset = pd.read_csv("AT-PT.csv")
```

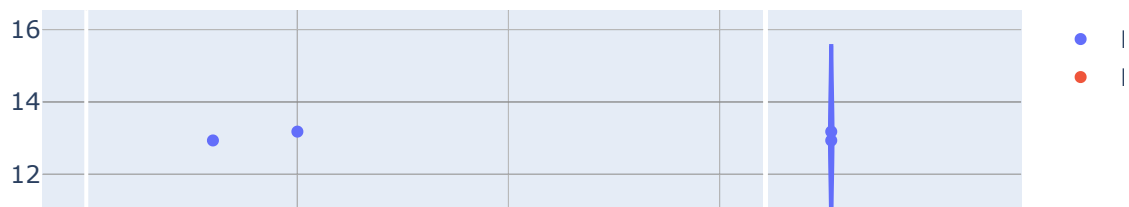
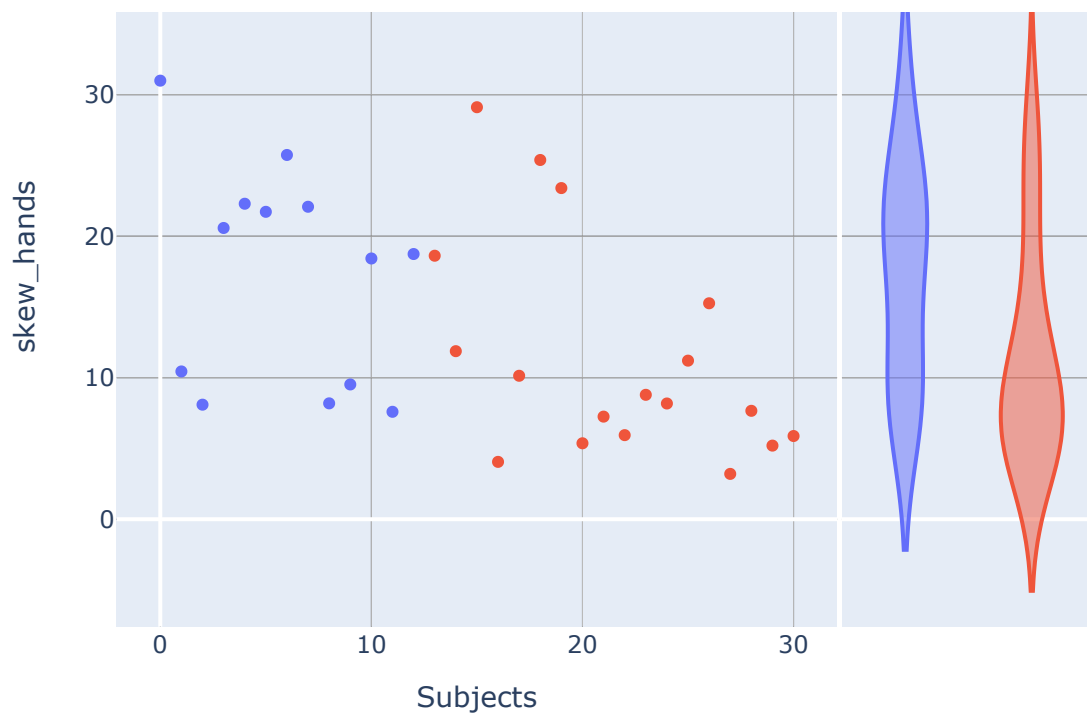
```
[2] for i in Dataset.columns:
    if i == "Labels":
        break
    fig =
px.scatter(Dataset,x=list(range(len(Dataset))),y=i,color='Labels',
,width=600, height=300,marginal_y="violin")
    fig.update_layout(xaxis_title="Subjects")
    fig.show()
```

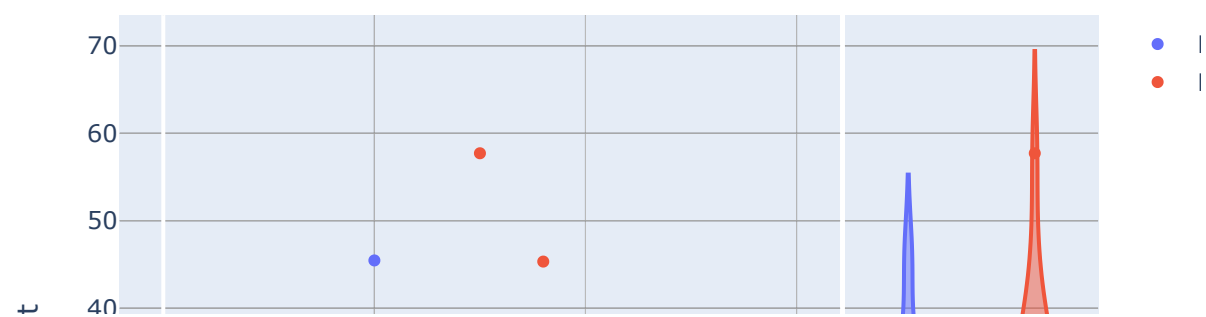
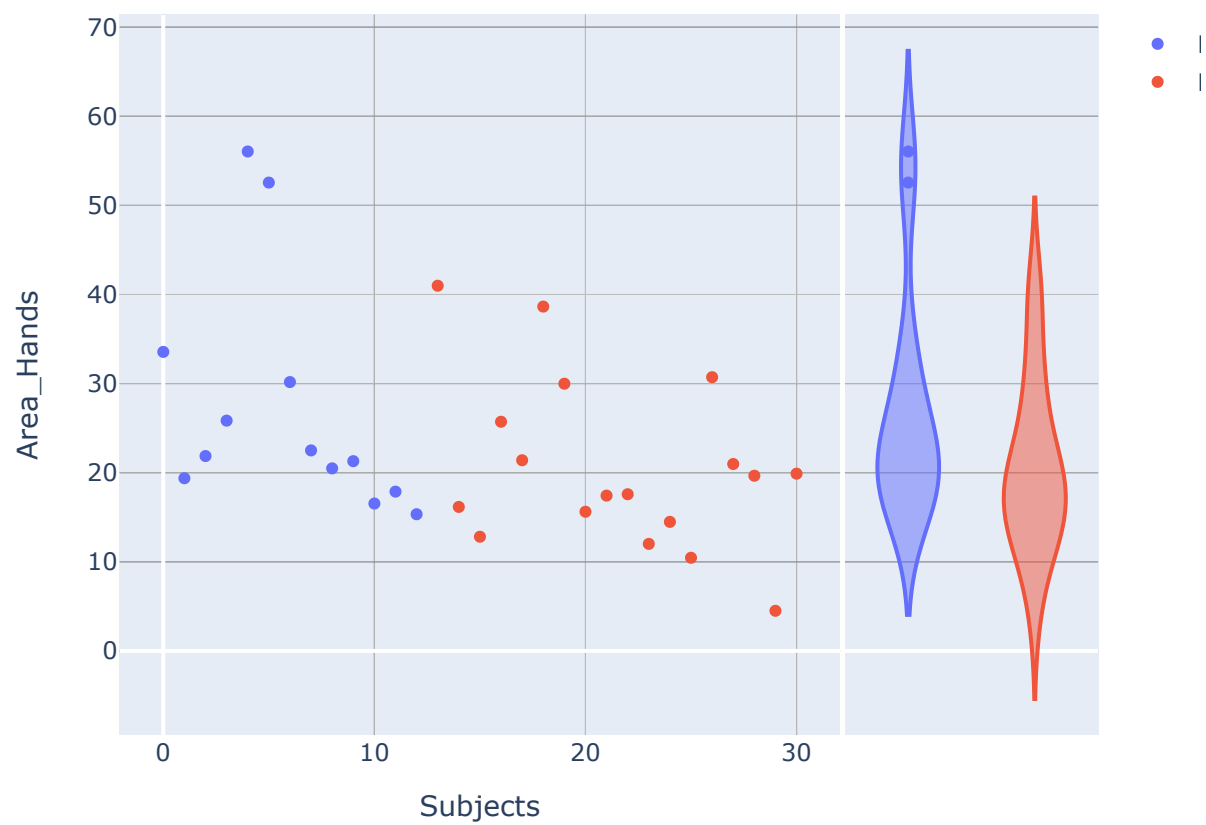
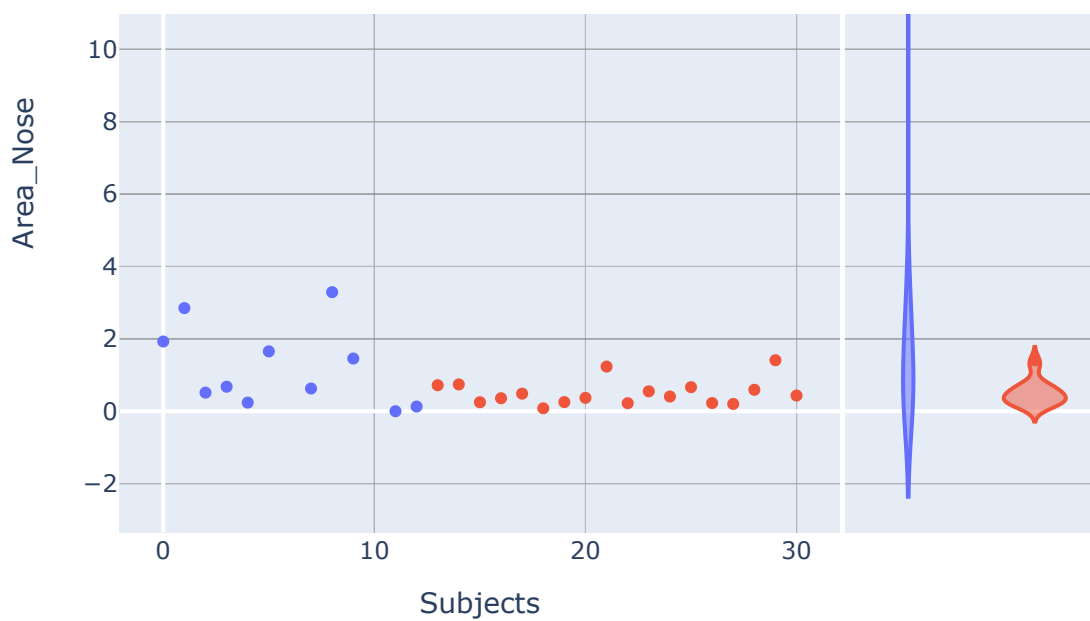


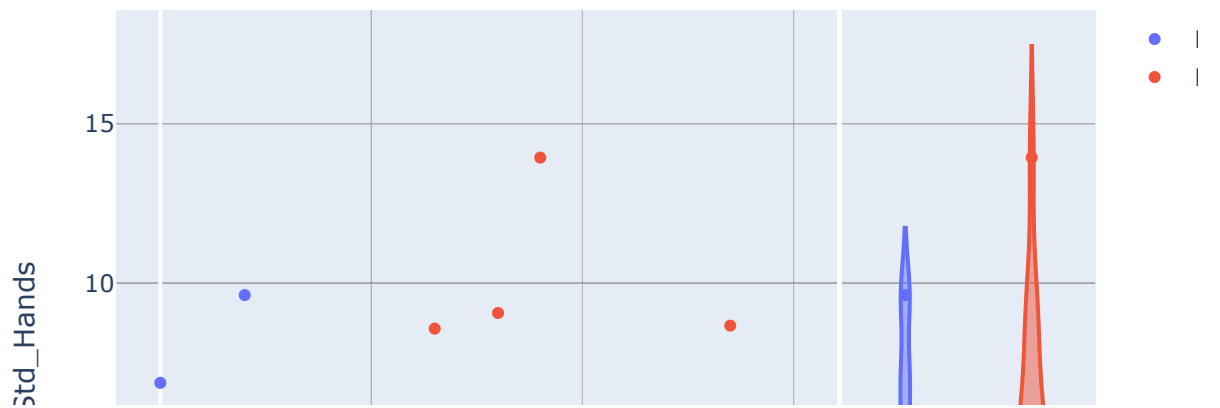
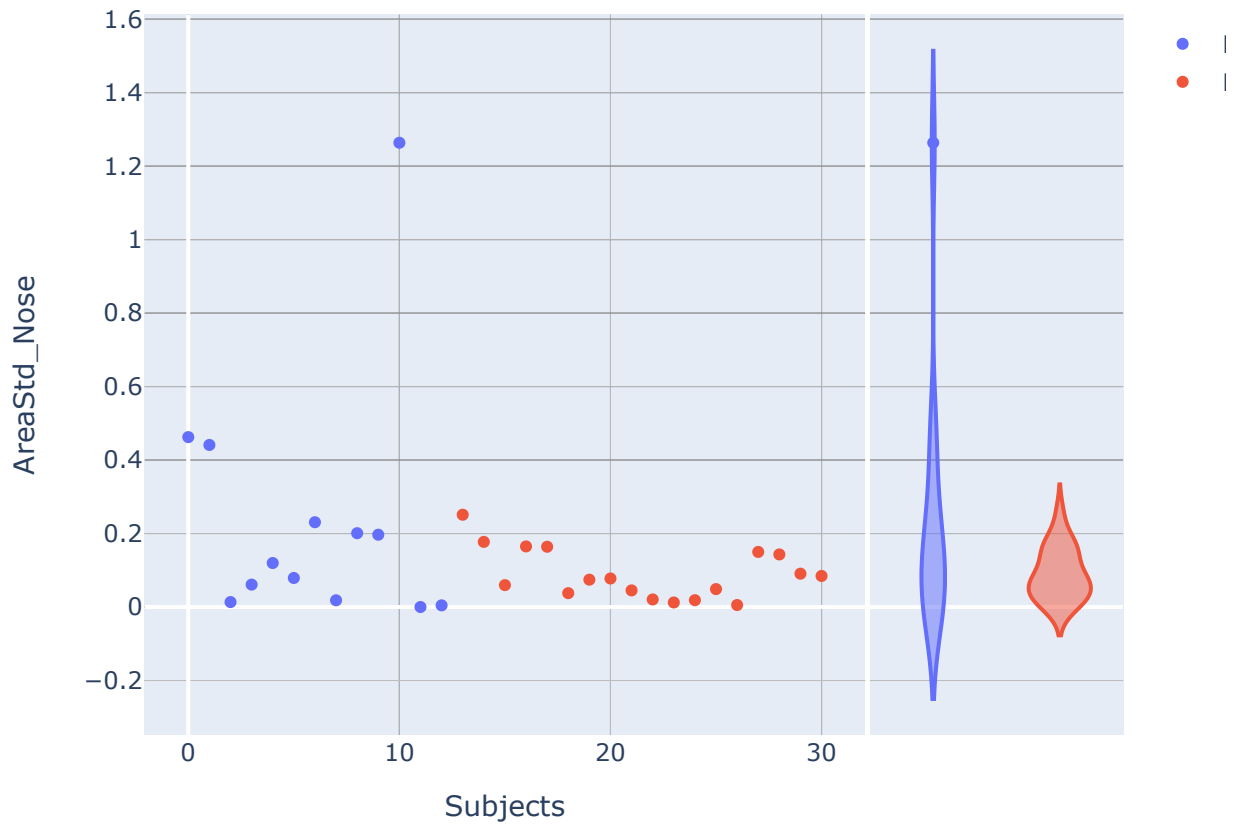
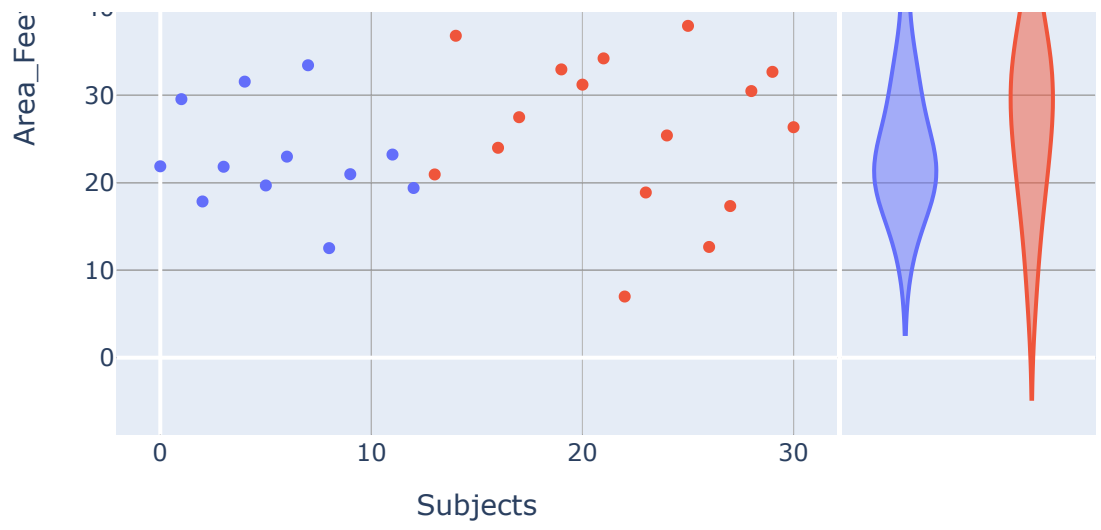


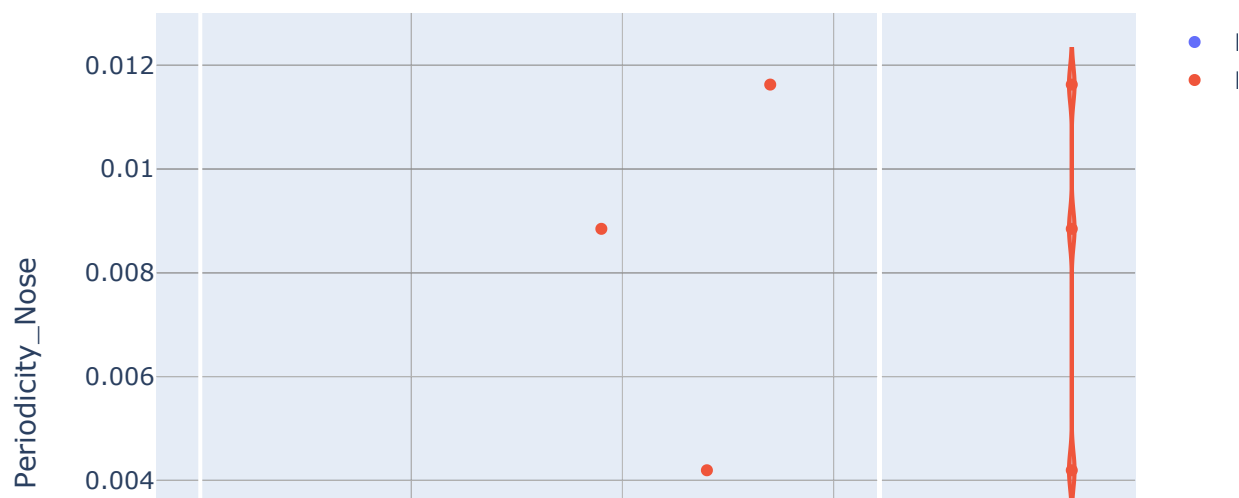
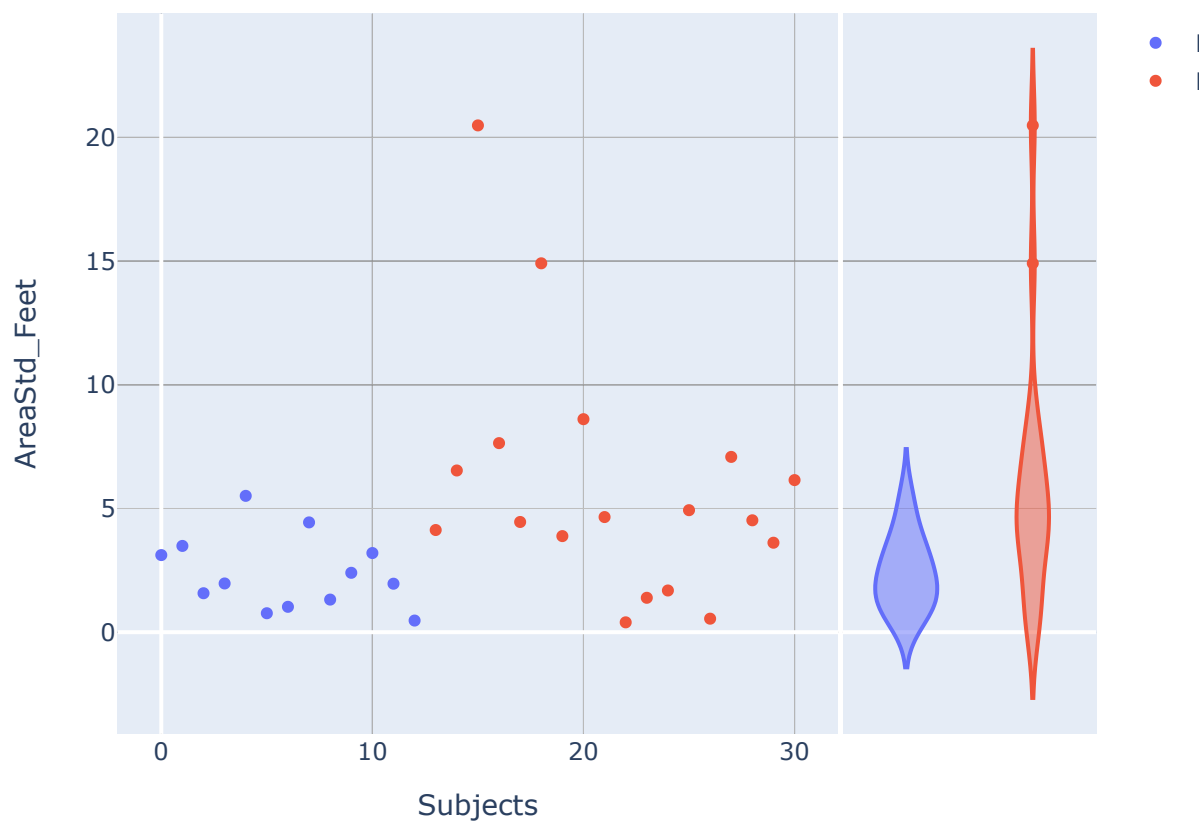
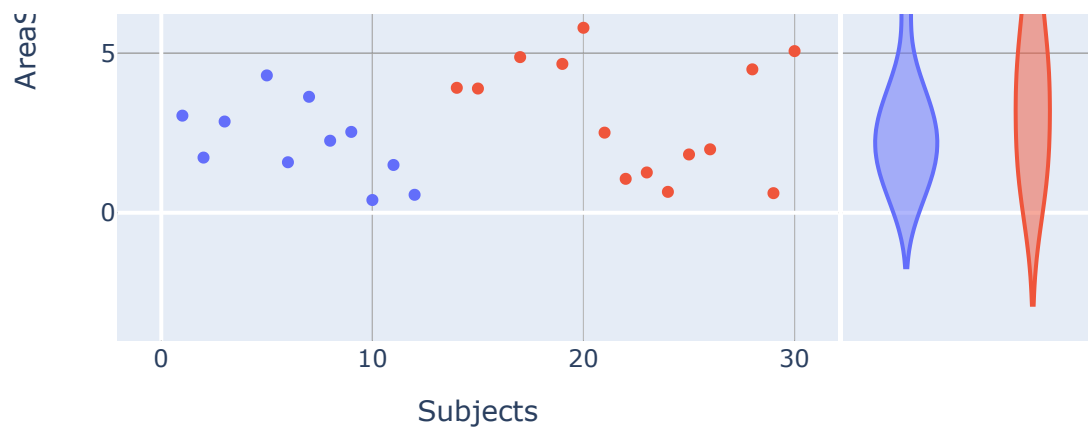


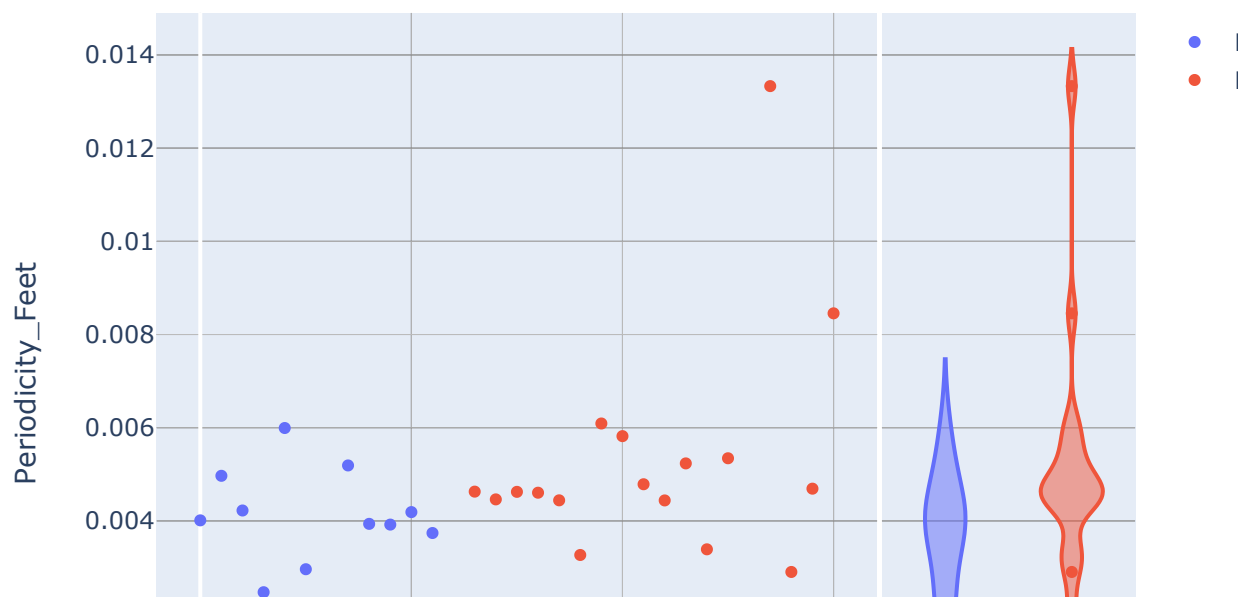
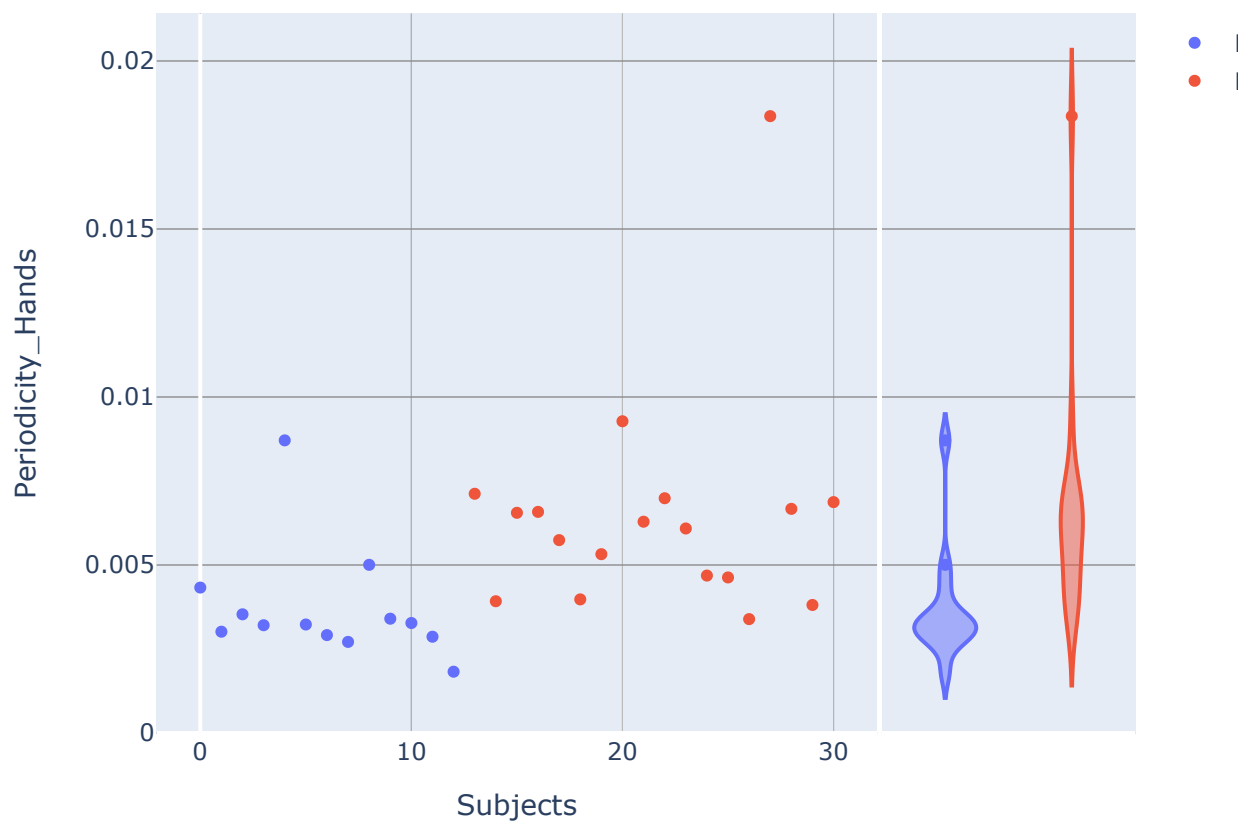
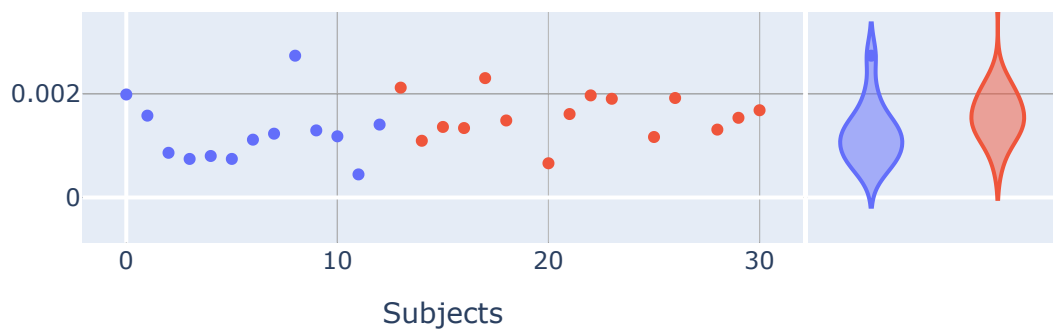


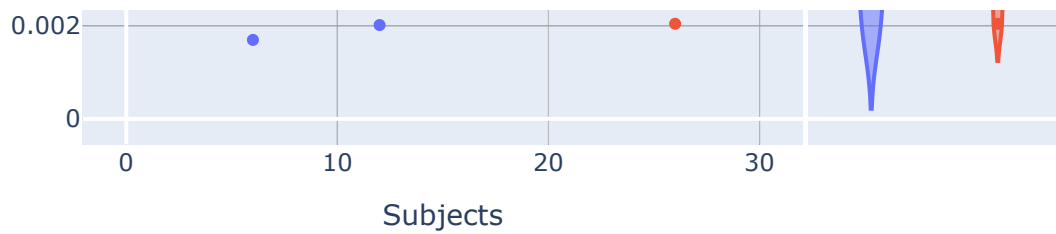












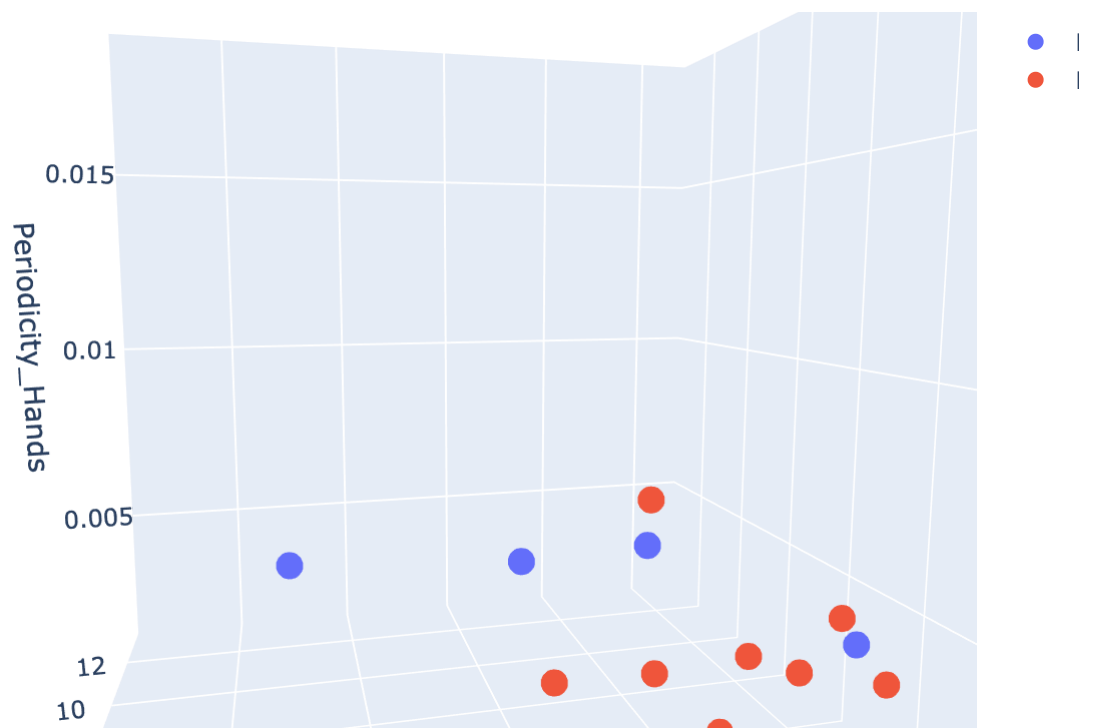
```
[13] #fig = px.scatter_3d(Dataset, x="VelHandsCorrelation",
    y="AccHandsCorrelation", z="JerkHandsCorrelation",
    color="Labels",width=700, height=500)
    #fig.show()
```

```
'fig = px.scatter_3d(Dataset, x="VelHandsCorrelation",
    y="AccHandsCorrelation", z="JerkHandsCorrelation",
    color="Labels",width=700, height=500)\nfig.show()'
```

```
[4] #fig = px.scatter_3d(Dataset, x="VelFeetCorrelation",
    y="AccFeetCorrelation", z="JerkFeetCorrelation",
    color="Labels",width=700, height=500)
    #fig.show()
```

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```
[5] #fig = px.scatter_3d(Dataset, x='Area_Nose', y='Area_Feet',
z='Periodicity_Hands',color='Labels',width=700, height=500)
#fig.show()
```



```
[19] fig = px.scatter(Dataset, x='Area_Hands',
y='Periodicity_Hands',color='Labels',width=700, height=500)
fig.show()
```

