```
In [1]:  # impoting necessary libraries
         import numpy as np
         import pandas as pd
         import matplotlib.pyplot as plt # visualizing data
         %matplotlib inline
         import seaborn as sns
```

```
In [11]: # importing the csv file
         df = pd.read_csv(r'C:\Users\hp\Desktop\bio Project\3 Phenolic.csv',encoding= 'unicode_escape')
```

```
In [12]: # Description of the loaded data
         df.describe()
```
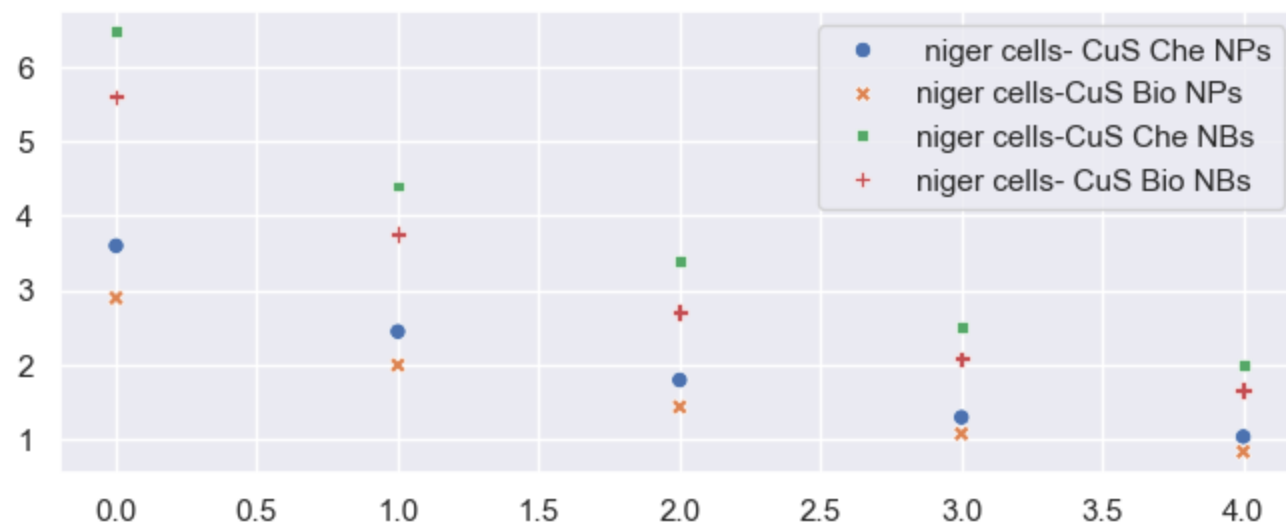
Out[12]:

	niger cells- CuS Che NPs	niger cells-CuS Bio NPs	niger cells-CuS Che NBs	niger cells- CuS Bio NBs
count	5.000000	5.000000	5.000000	5.000000
mean	2.038000	1.652000	3.758000	3.166000
std	1.025534	0.823116	1.769073	1.571697
min	1.040000	0.840000	2.000000	1.670000
25%	1.300000	1.080000	2.520000	2.090000
50%	1.800000	1.440000	3.400000	2.710000
75%	2.450000	2.000000	4.400000	3.760000
max	3.600000	2.900000	6.470000	5.600000

```
In [16]: sns.violinplot(data=df)
         sns.set(rc={'figure.figsize':(11,5)})
```

```
In [18]: sns.scatterplot(data=df)
         sns.set(rc={'figure.figsize':(8,3)})
```

In [ ]: