

```
In [1]:  
import matplotlib.pyplot as plt #for plotting  
import numpy as np #vector stuff  
import pandas as pd #dataframe
```

Load csv

```
In [2]:  
#file location  
file_path = 'first_try.csv'  
#load  
df = pd.read_csv(file_path)
```

Add a jittered emotion column for plotting

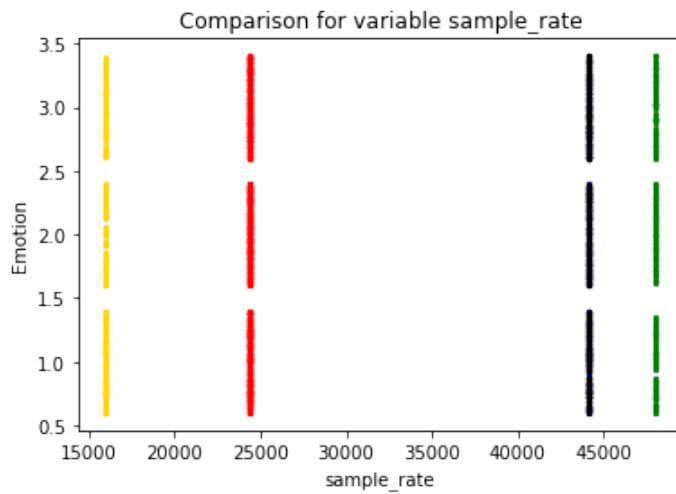
```
In [3]:  
emotionmap = {"ANG": 1, "SAD": 2, "HAP": 3}  
# Convert y categories to numerical values for plotting with jitter  
df['emot num'] = df['emotion'].map(emotionmap)  
#create random jitter  
jitteramt = 0.4  
df['jitteradd'] = np.random.uniform(-jitteramt, jitteramt, len(df))  
# Add jitter to dataframe  
df['yjitt'] = df['emot num'] + df['jitteradd']
```

Function to make the plot for 1 variable

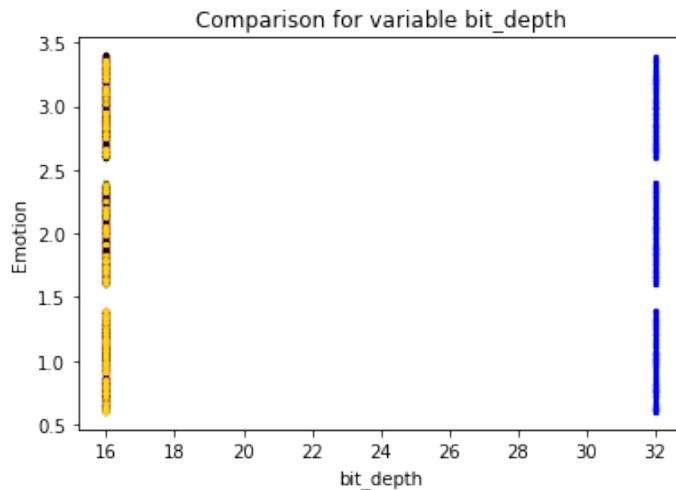
```
In [8]:  
#plotting function  
def plotter(i): #just put in the column number  
    xaxis = df.columns[i]  
  
    colorcol = 'language'  
    shapecol = 'gender'  
  
    # Set up the plot  
    fig, ax = plt.subplots()  
  
    # Iterate over unique values in the shape column and plot each separately  
    shapemap = {'M': 'x', 'F': 'o'}  
    colormap = {"ENG": "red", "ITA": "green", "GRE": "blue", "URD": "orange", "EST": "black", "GER": "purple"}  
  
    for shape in shapemap:  
        for color in colormap:  
            plotsub = df[(df[shapecol] == shape) & (df[colorcol] == color)]  
            ax.scatter(plotsub[xaxis], plotsub["yjitt"], marker=shapemap[shape], color = colormap[color])  
  
    # Set Labels and title  
    ax.set_xlabel(df.columns[i])  
    ax.set_ylabel("Emotion")  
    ax.set_title("Comparison for variable " + df.columns[i])  
    #ax.legend()  
  
    # Show plot  
    plt.show()
```

```
In [23]:  
#columns B-OI are the important ones
```

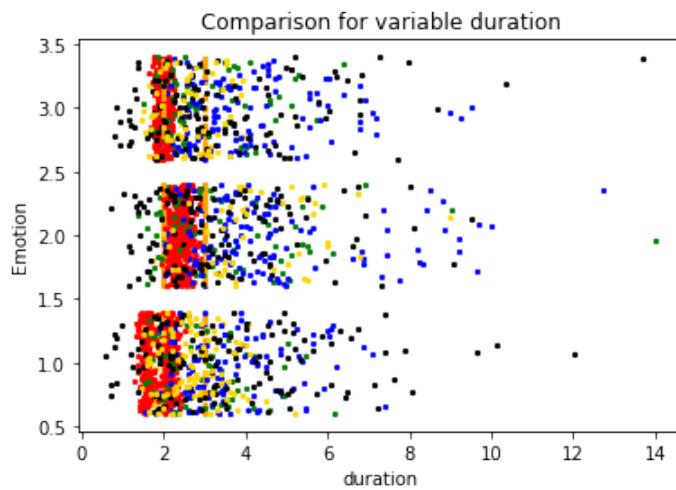
```
In [ ]:  
for j in range(1, 529):  
    plotter(j)
```



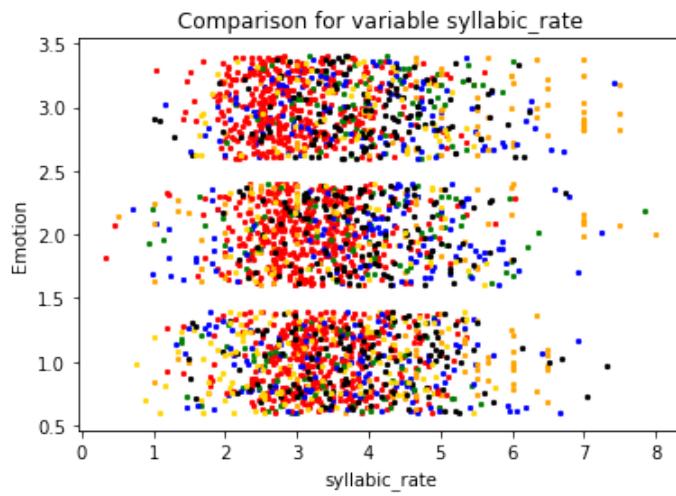
<Figure size 1440x432 with 0 Axes>



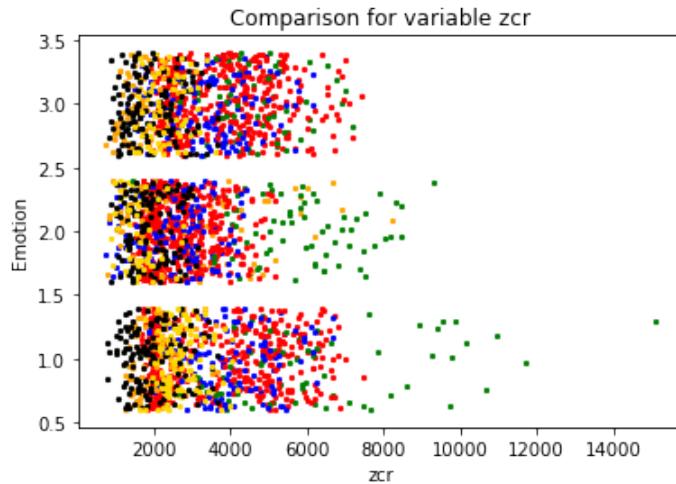
<Figure size 1440x432 with 0 Axes>



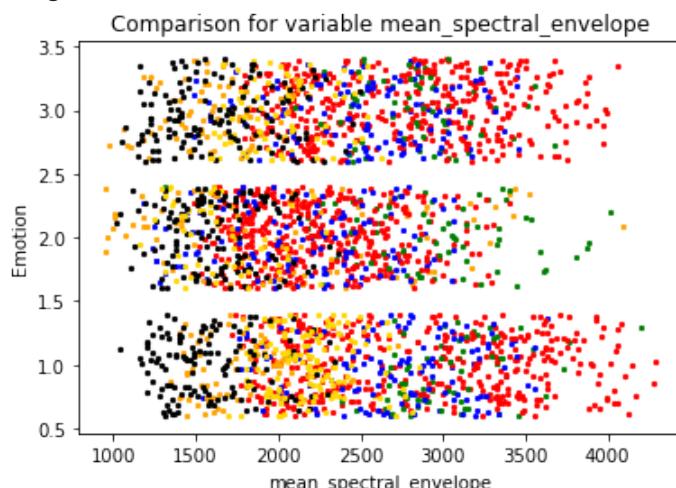
<Figure size 1440x432 with 0 Axes>



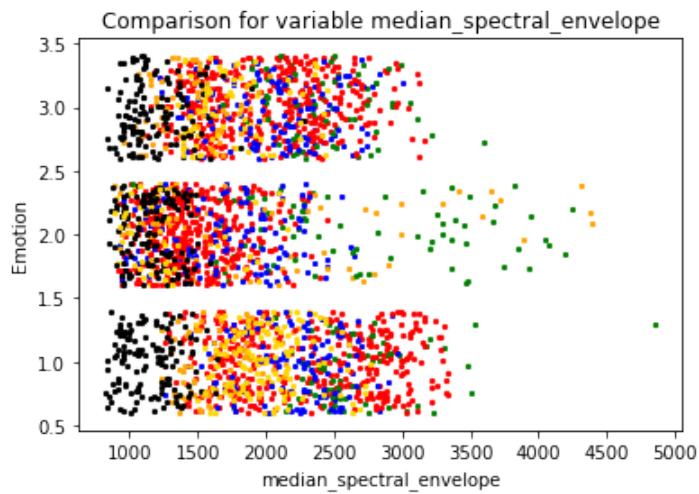
<Figure size 1440x432 with 0 Axes>



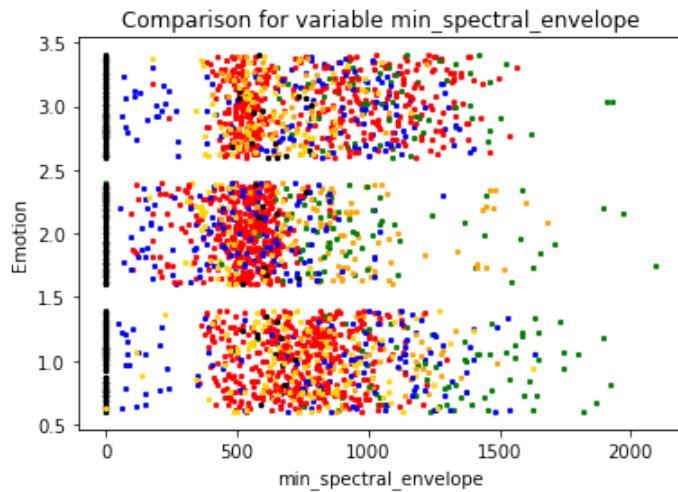
<Figure size 1440x432 with 0 Axes>



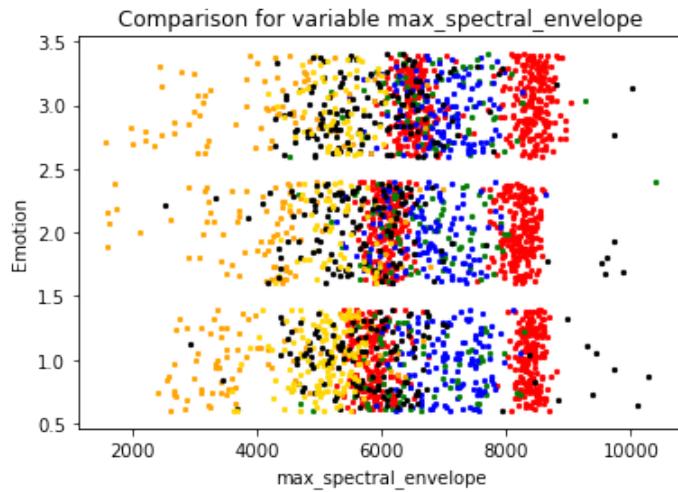
<Figure size 1440x432 with 0 Axes>



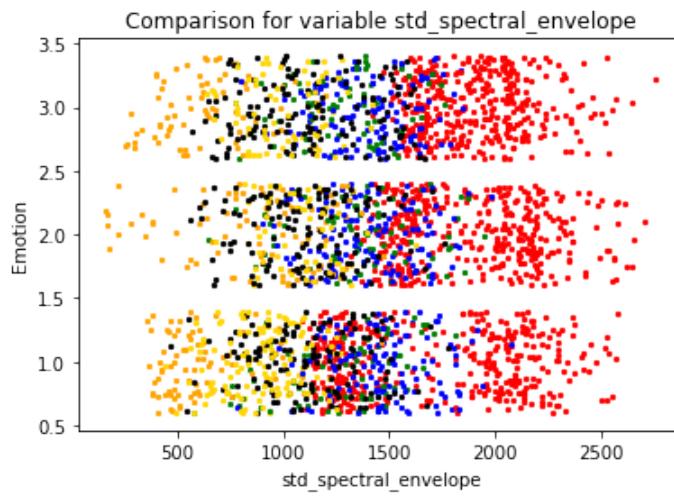
<Figure size 1440x432 with 0 Axes>



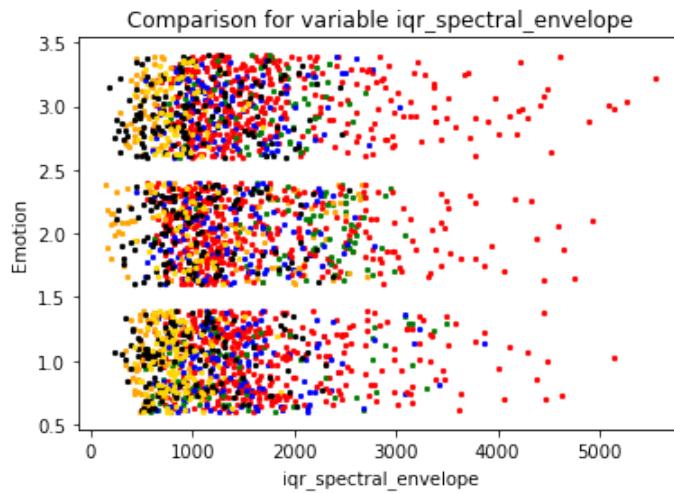
<Figure size 1440x432 with 0 Axes>



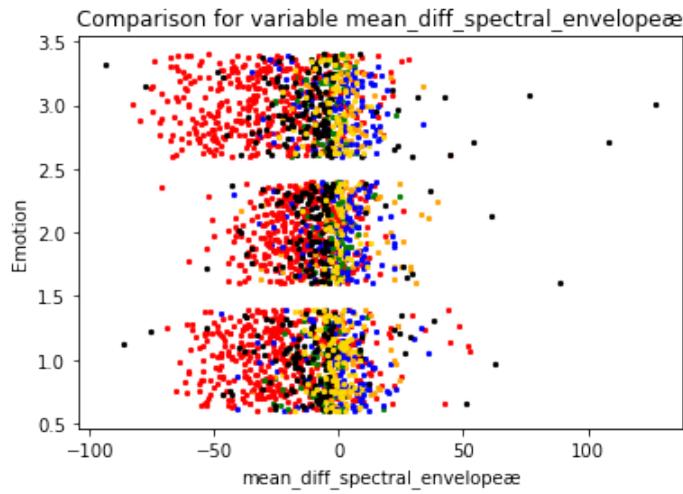
<Figure size 1440x432 with 0 Axes>



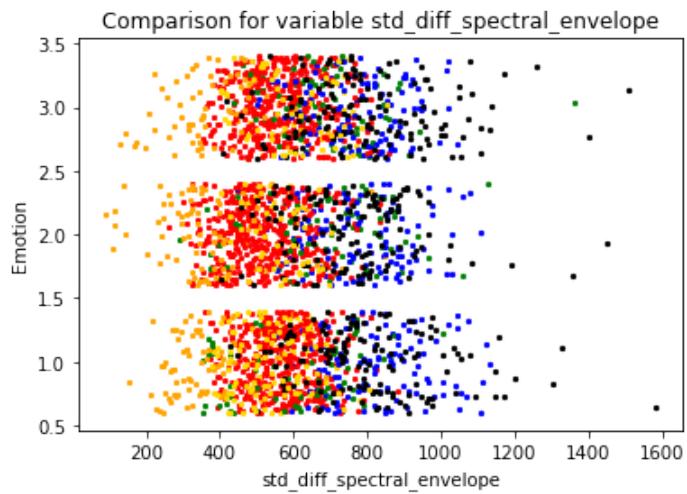
<Figure size 1440x432 with 0 Axes>



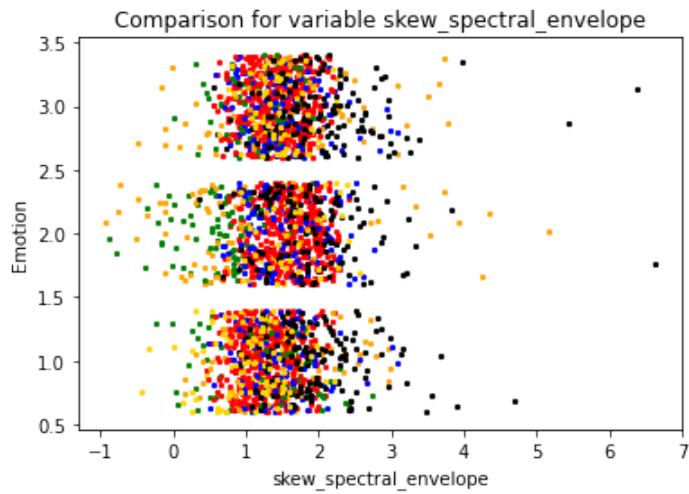
<Figure size 1440x432 with 0 Axes>



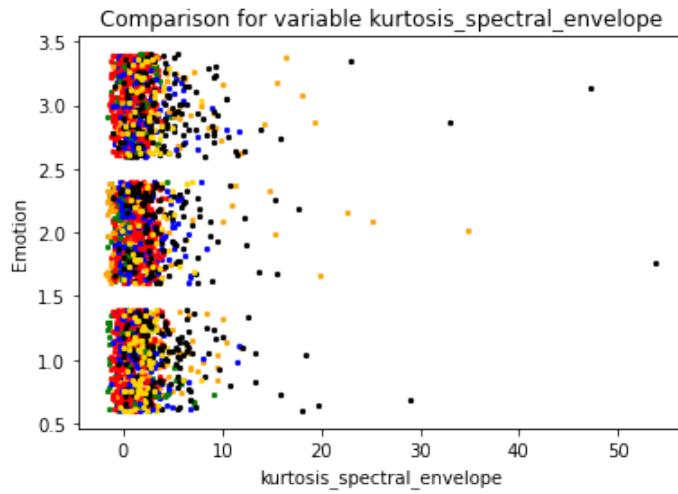
<Figure size 1440x432 with 0 Axes>



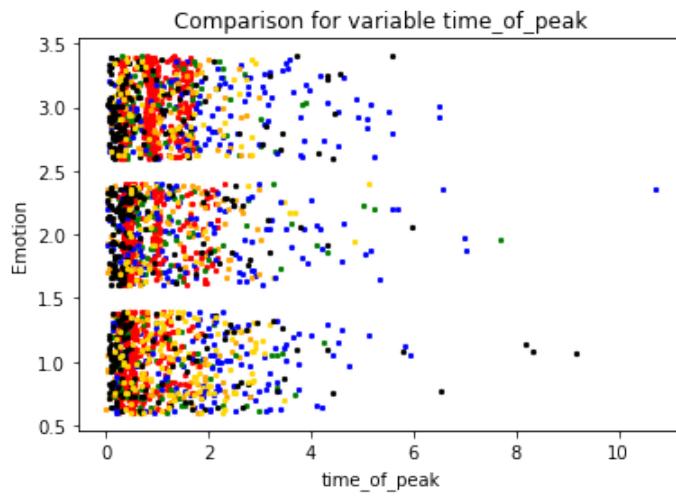
<Figure size 1440x432 with 0 Axes>



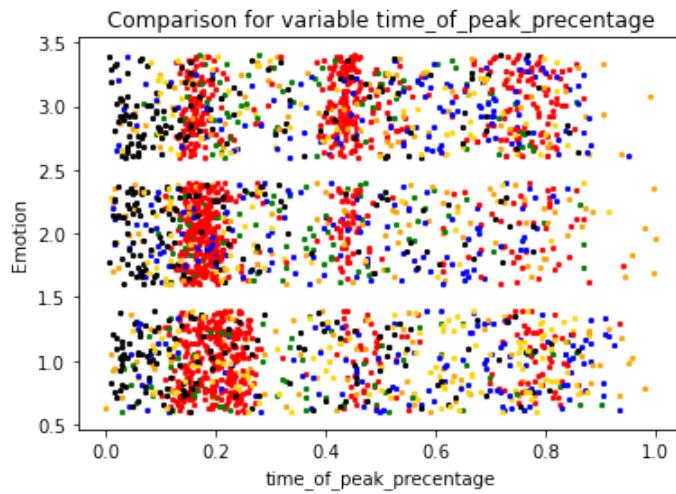
<Figure size 1440x432 with 0 Axes>



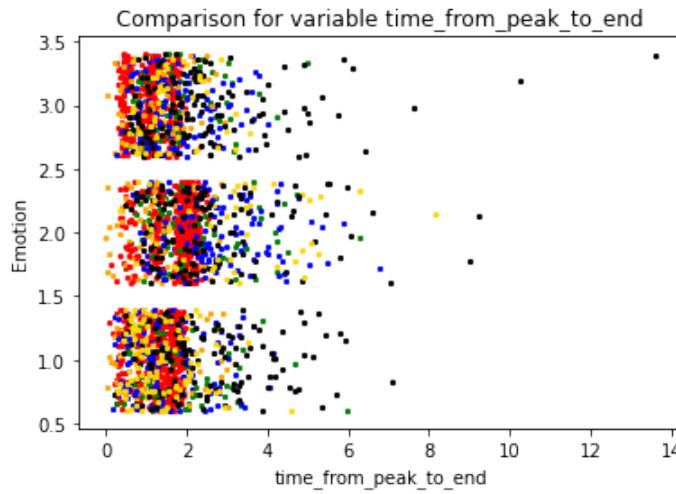
<Figure size 1440x432 with 0 Axes>



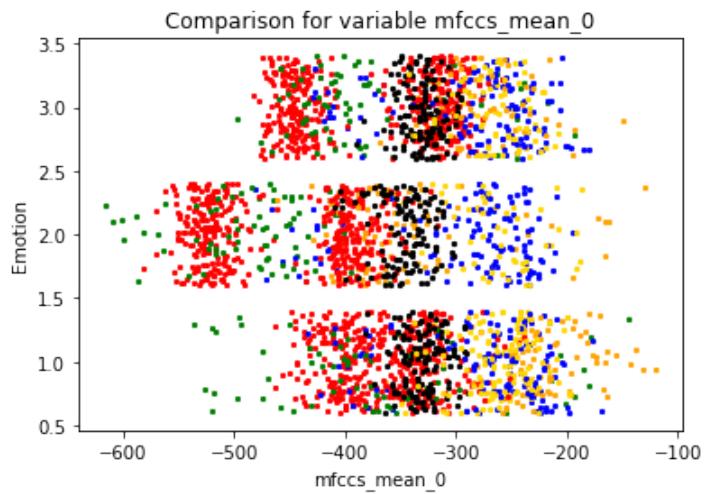
<Figure size 1440x432 with 0 Axes>



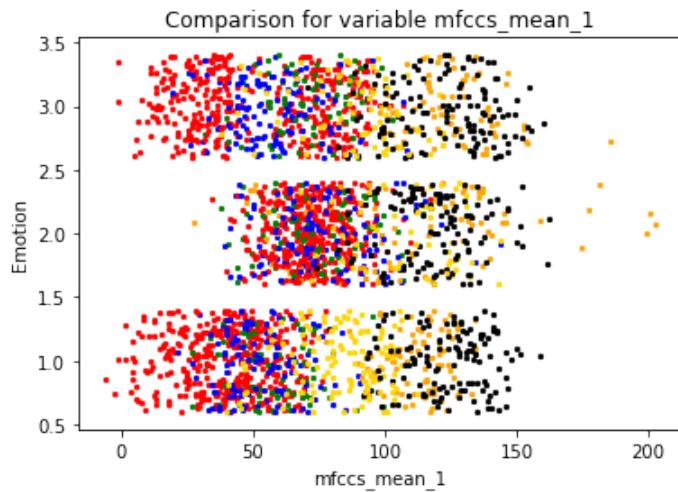
<Figure size 1440x432 with 0 Axes>



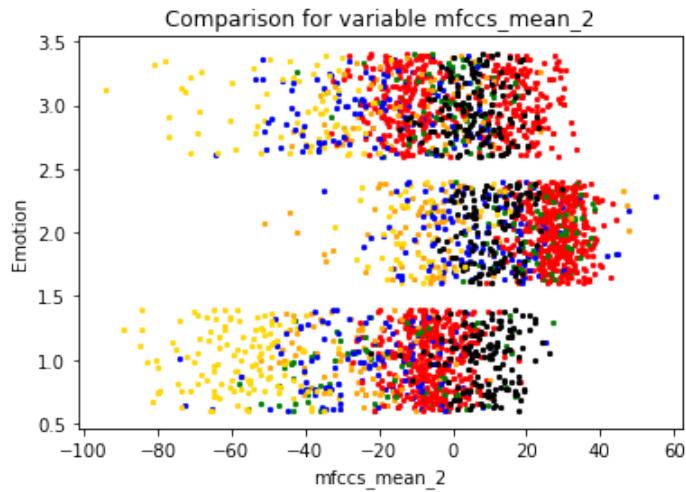
<Figure size 1440x432 with 0 Axes>



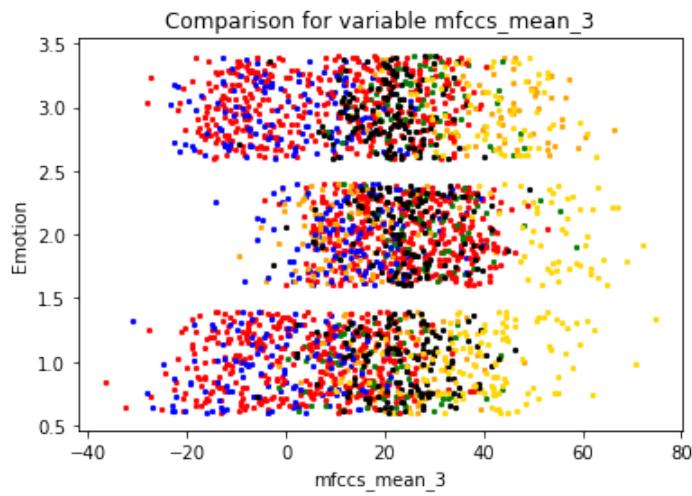
<Figure size 1440x432 with 0 Axes>



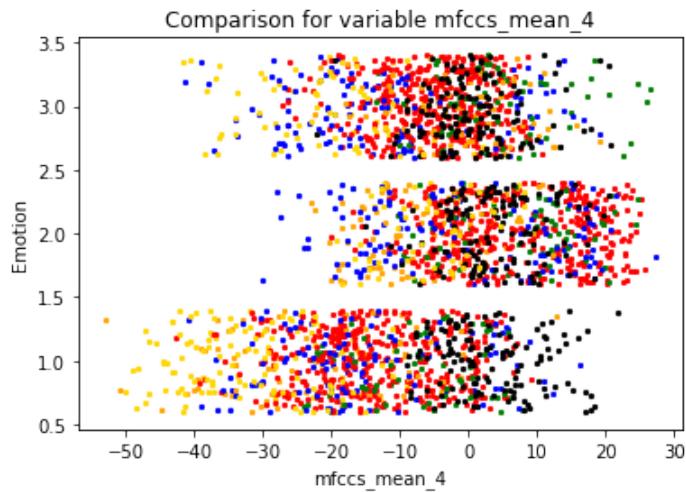
<Figure size 1440x432 with 0 Axes>



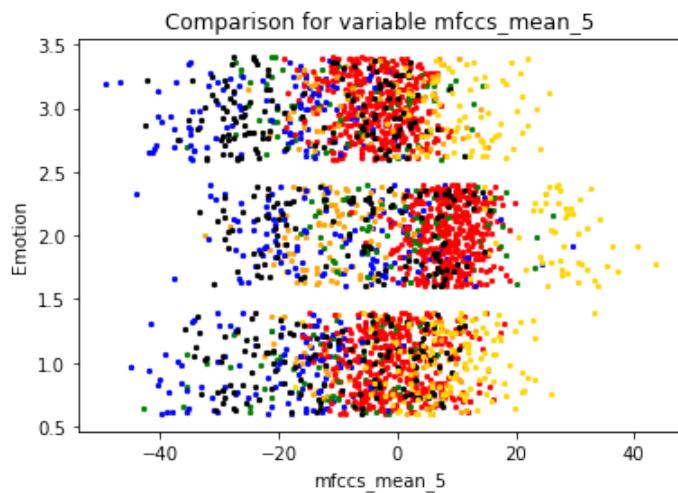
<Figure size 1440x432 with 0 Axes>



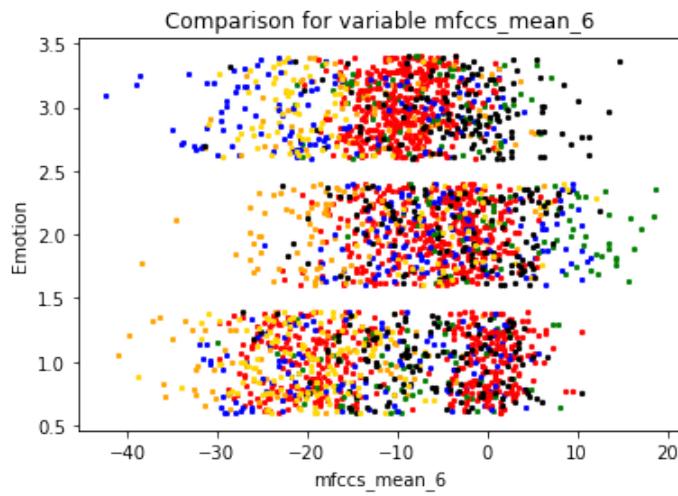
<Figure size 1440x432 with 0 Axes>



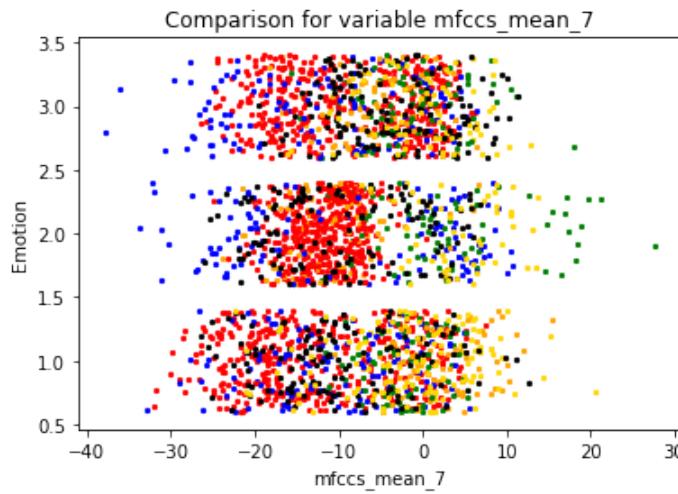
<Figure size 1440x432 with 0 Axes>



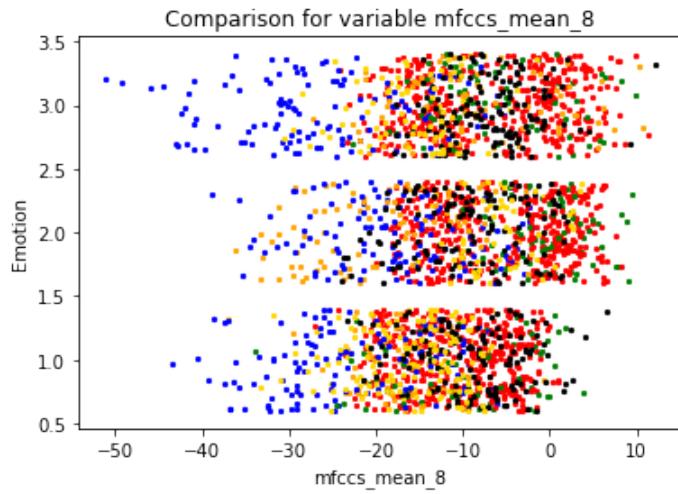
<Figure size 1440x432 with 0 Axes>



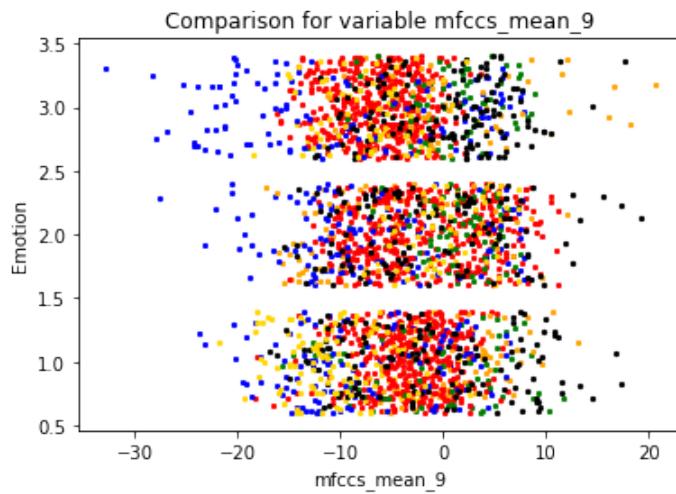
<Figure size 1440x432 with 0 Axes>



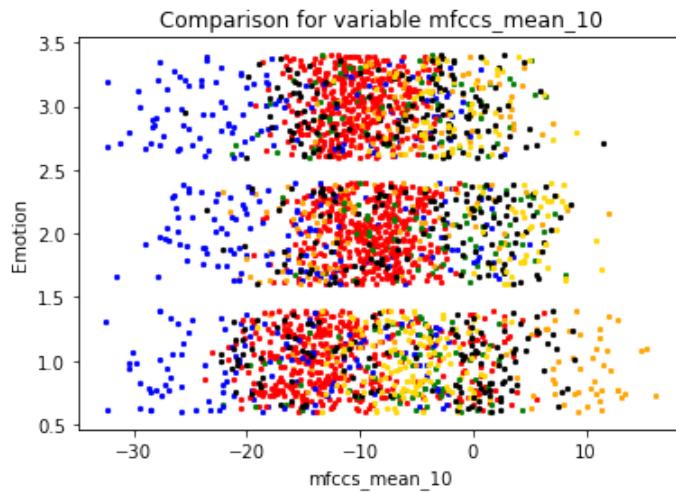
<Figure size 1440x432 with 0 Axes>



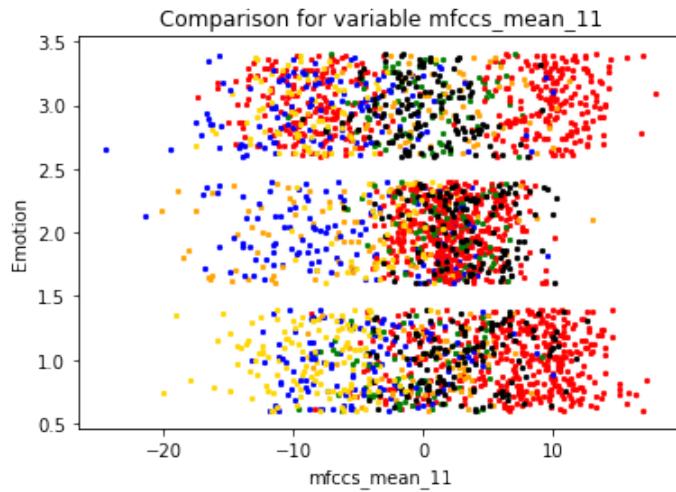
<Figure size 1440x432 with 0 Axes>



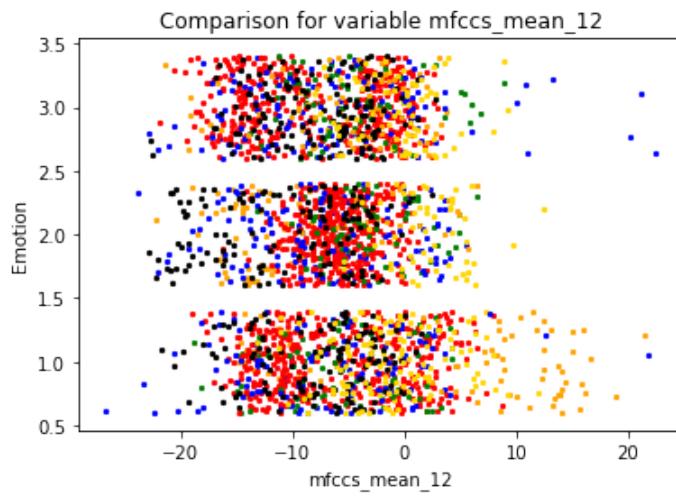
<Figure size 1440x432 with 0 Axes>



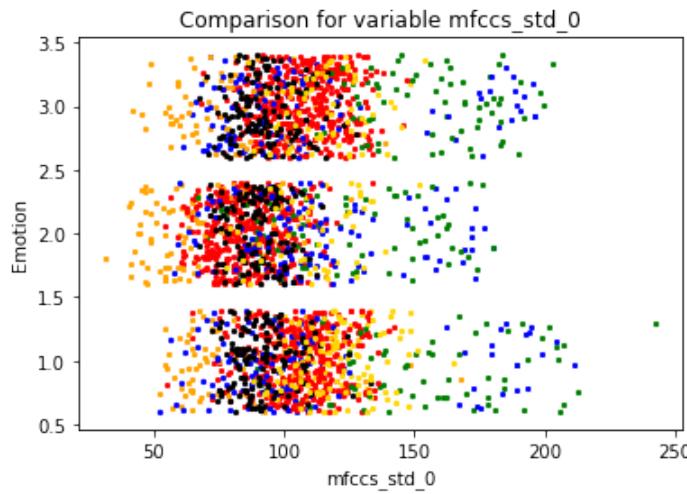
<Figure size 1440x432 with 0 Axes>



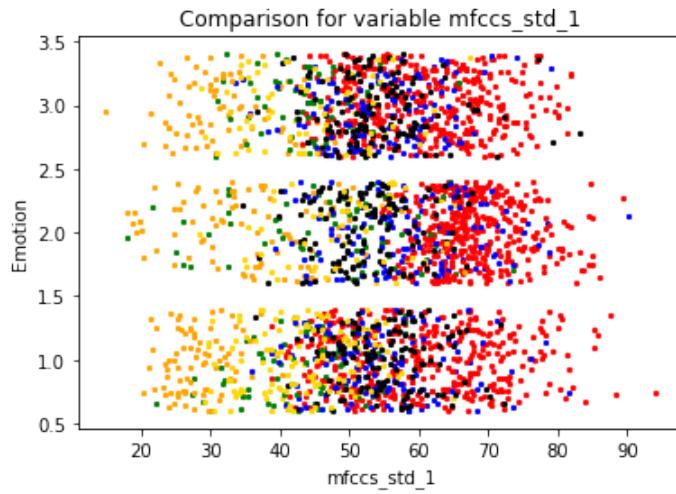
<Figure size 1440x432 with 0 Axes>



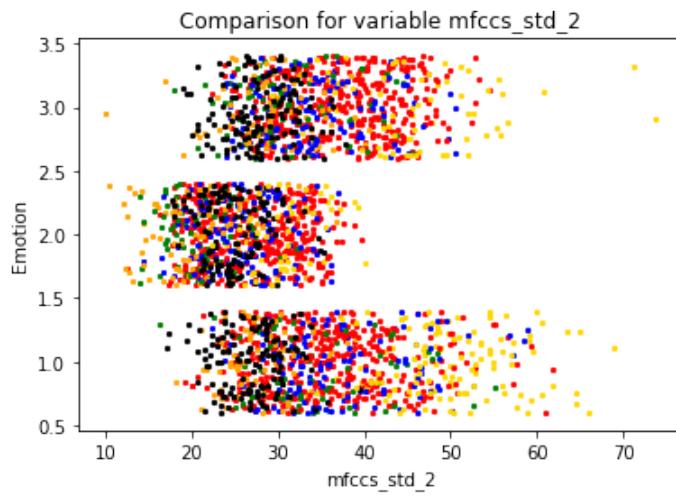
<Figure size 1440x432 with 0 Axes>



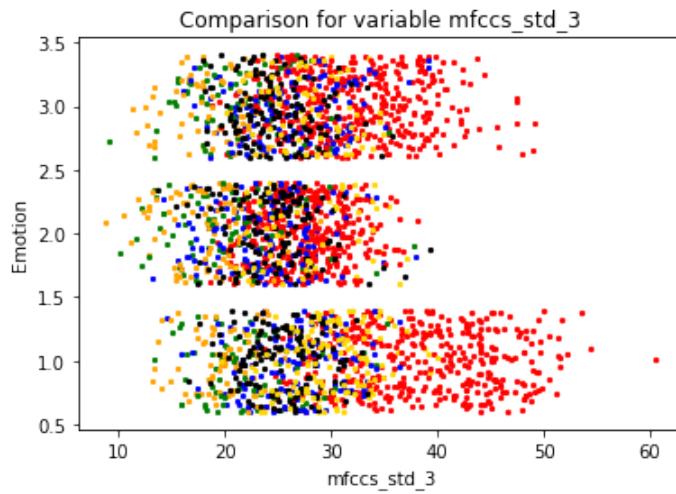
<Figure size 1440x432 with 0 Axes>



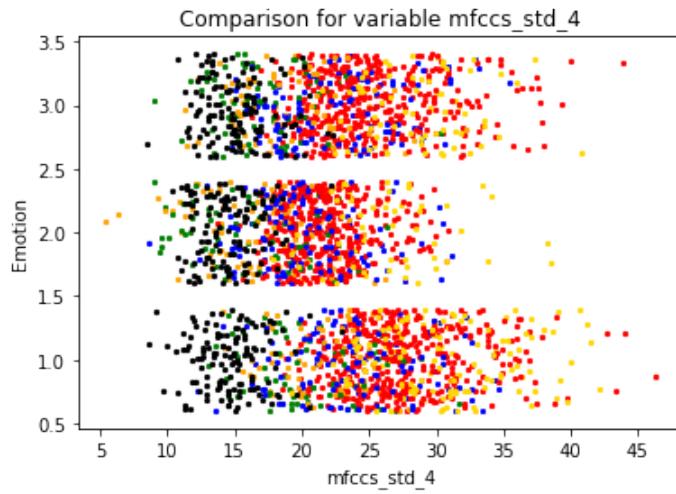
<Figure size 1440x432 with 0 Axes>



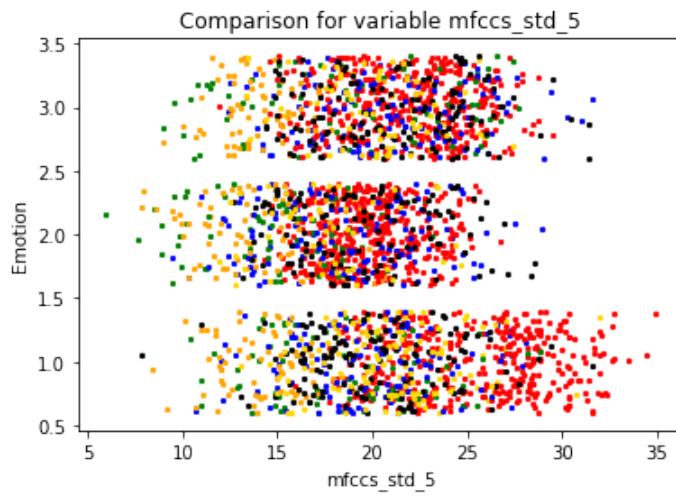
<Figure size 1440x432 with 0 Axes>



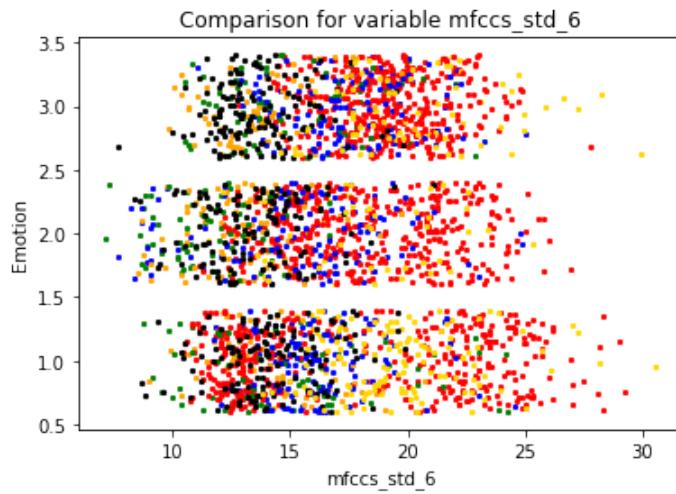
<Figure size 1440x432 with 0 Axes>



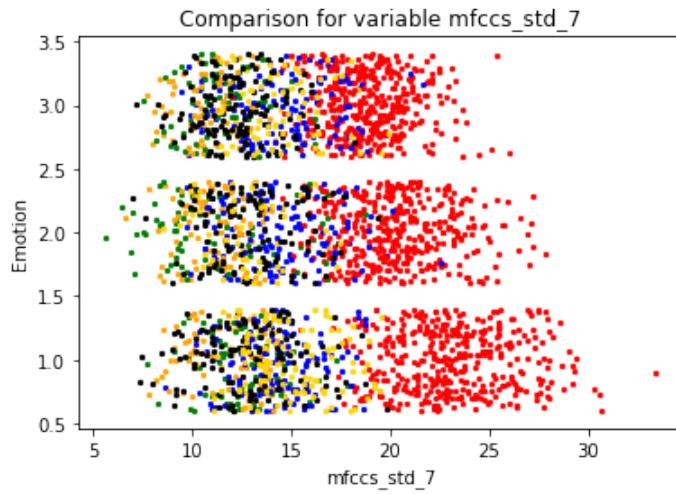
<Figure size 1440x432 with 0 Axes>



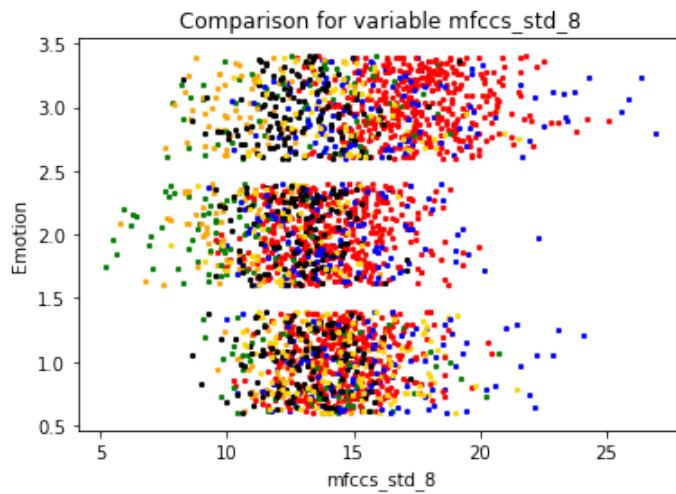
<Figure size 1440x432 with 0 Axes>



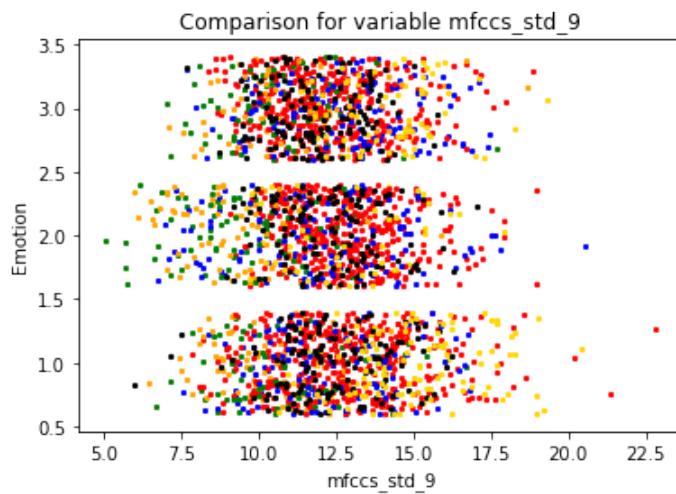
<Figure size 1440x432 with 0 Axes>



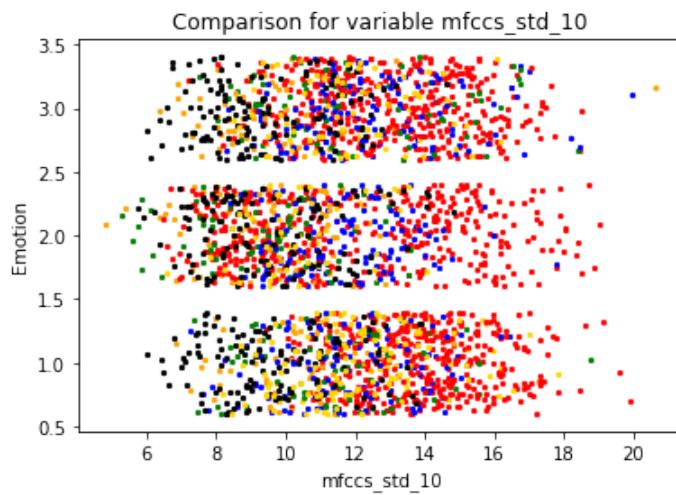
<Figure size 1440x432 with 0 Axes>



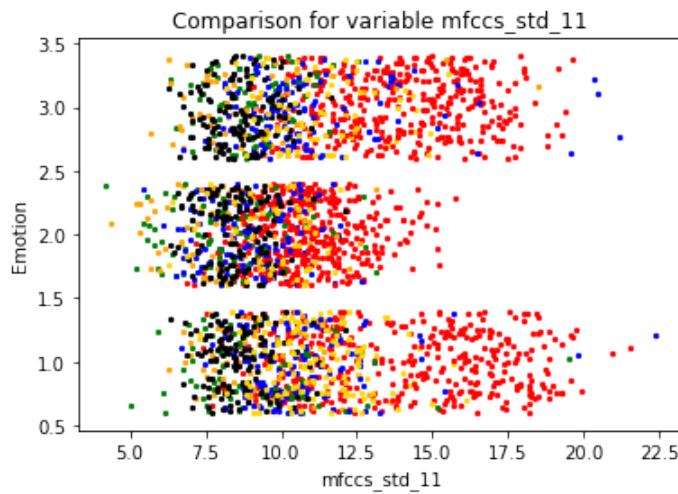
<Figure size 1440x432 with 0 Axes>



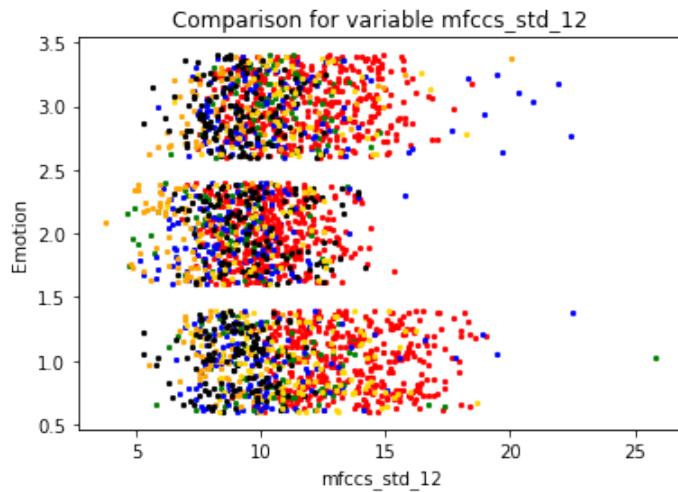
<Figure size 1440x432 with 0 Axes>



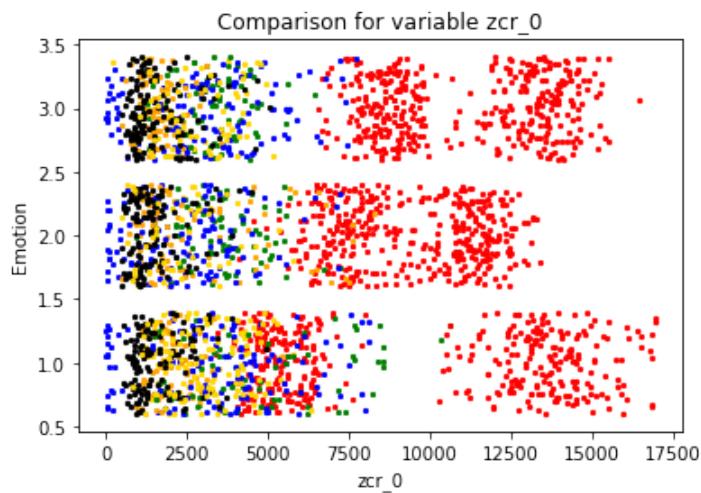
<Figure size 1440x432 with 0 Axes>



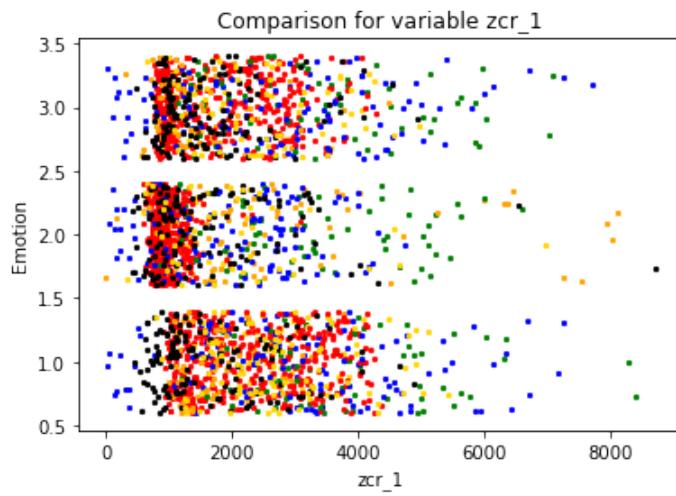
<Figure size 1440x432 with 0 Axes>



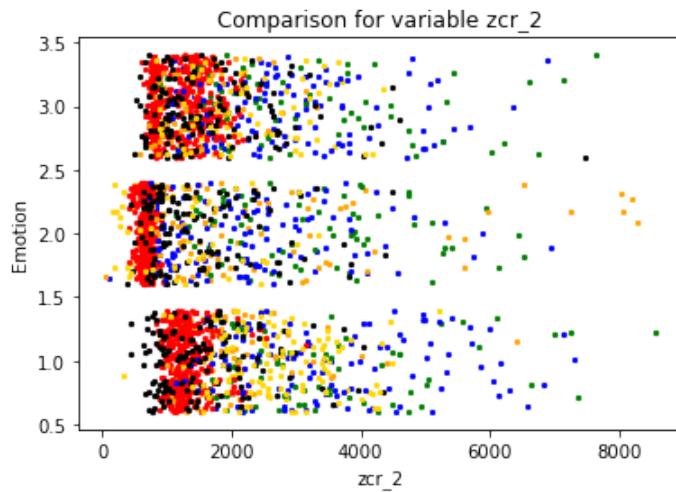
<Figure size 1440x432 with 0 Axes>



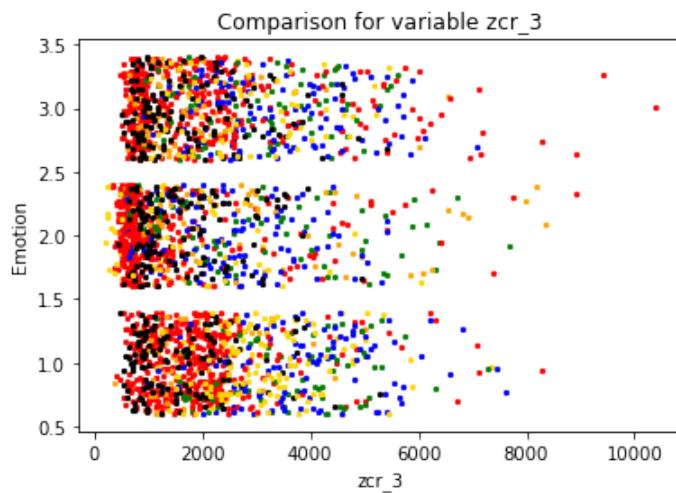
<Figure size 1440x432 with 0 Axes>



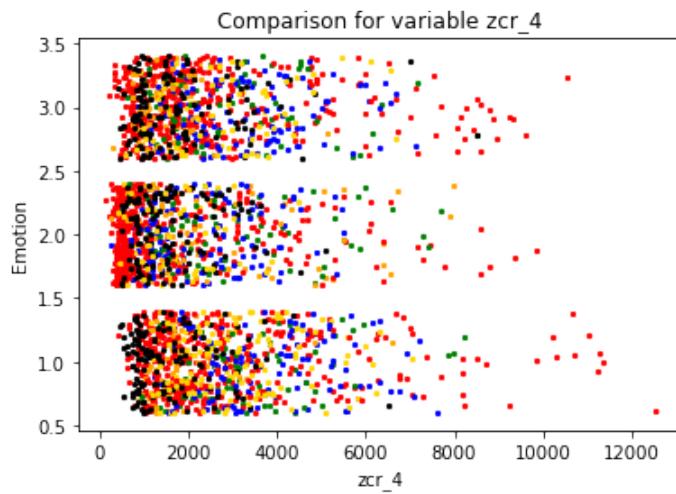
<Figure size 1440x432 with 0 Axes>



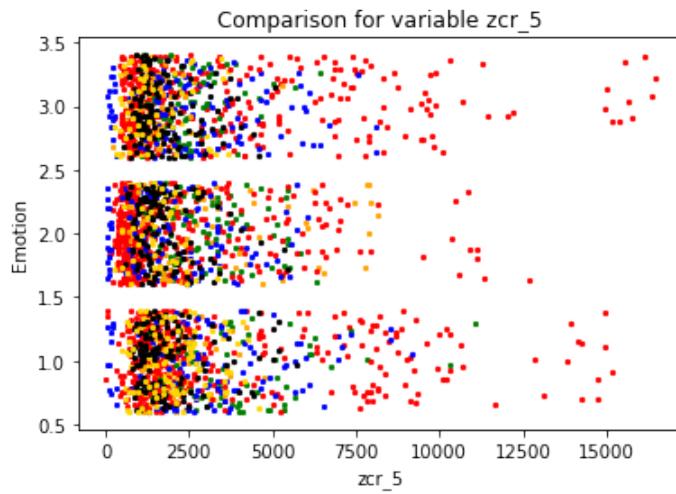
<Figure size 1440x432 with 0 Axes>



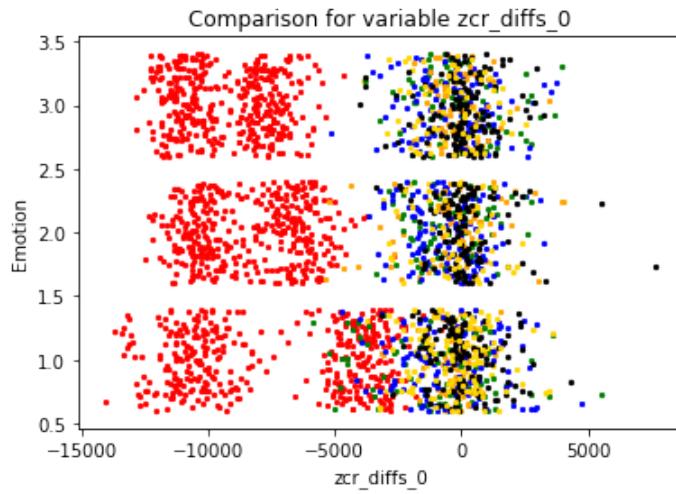
<Figure size 1440x432 with 0 Axes>



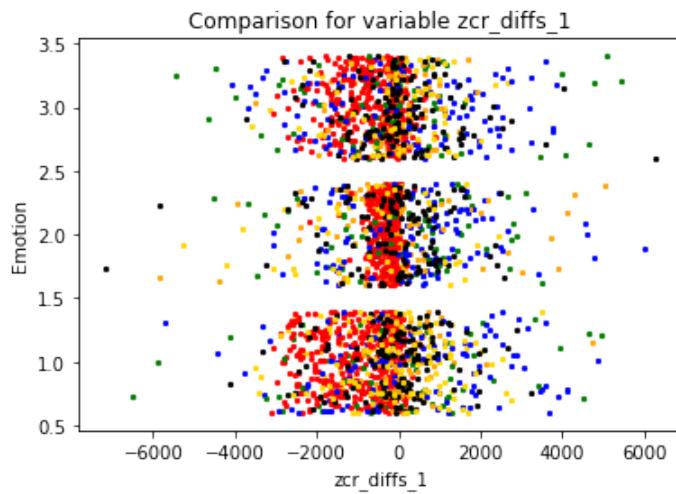
<Figure size 1440x432 with 0 Axes>



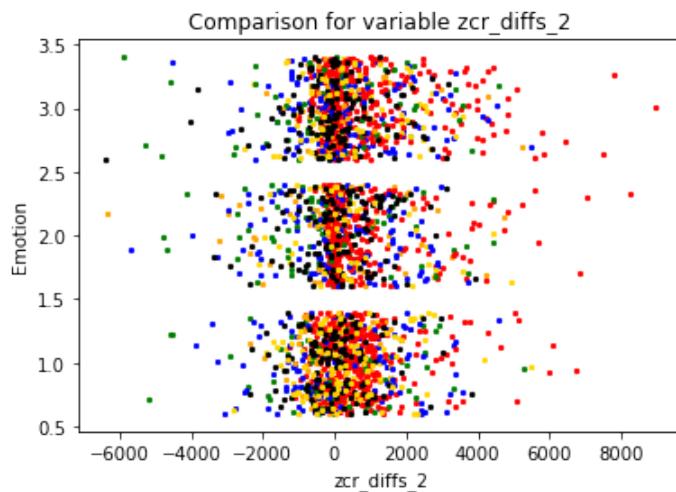
<Figure size 1440x432 with 0 Axes>



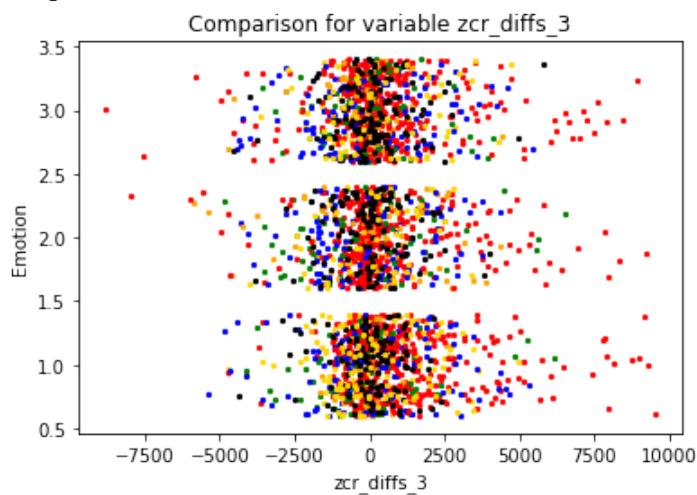
<Figure size 1440x432 with 0 Axes>



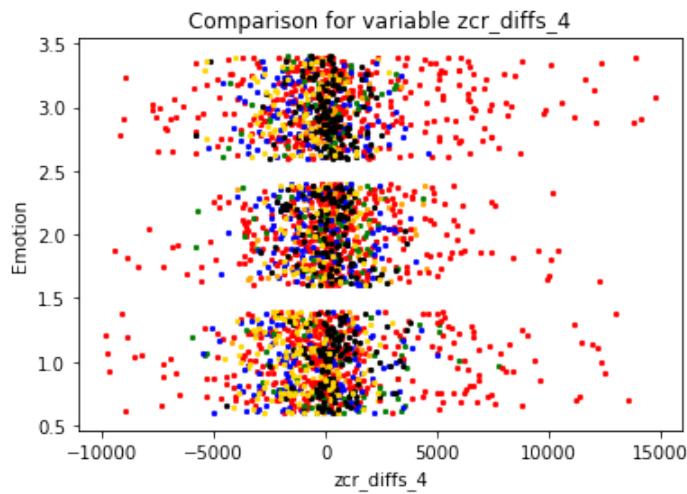
<Figure size 1440x432 with 0 Axes>



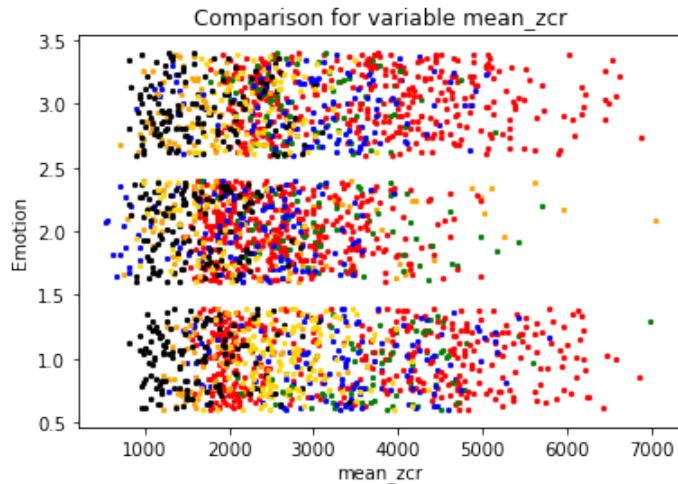
<Figure size 1440x432 with 0 Axes>



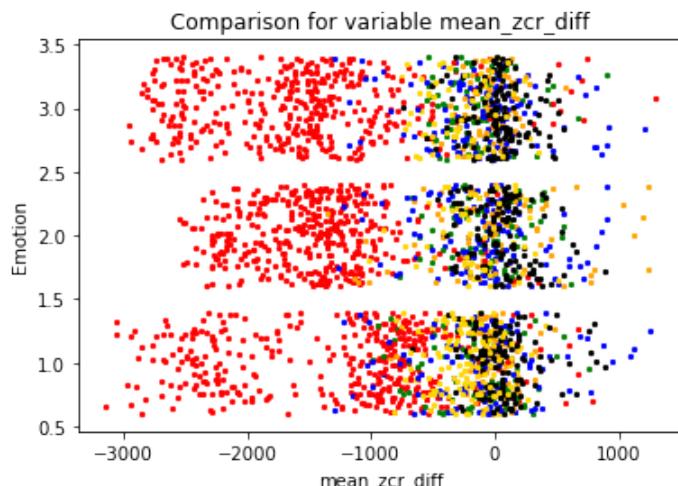
<Figure size 1440x432 with 0 Axes>



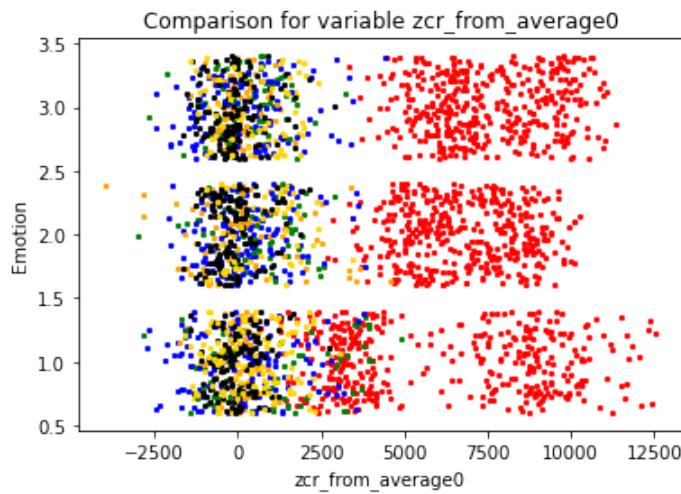
<Figure size 1440x432 with 0 Axes>



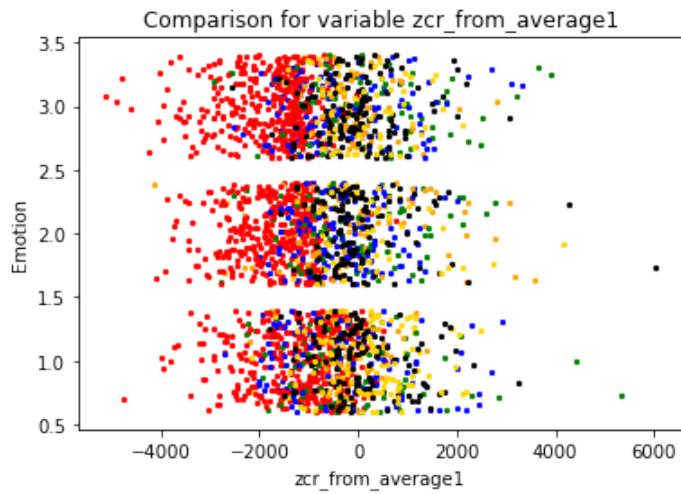
<Figure size 1440x432 with 0 Axes>



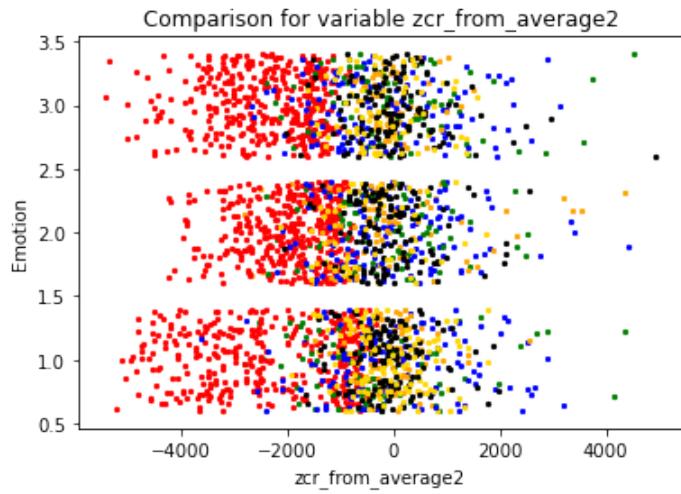
<Figure size 1440x432 with 0 Axes>



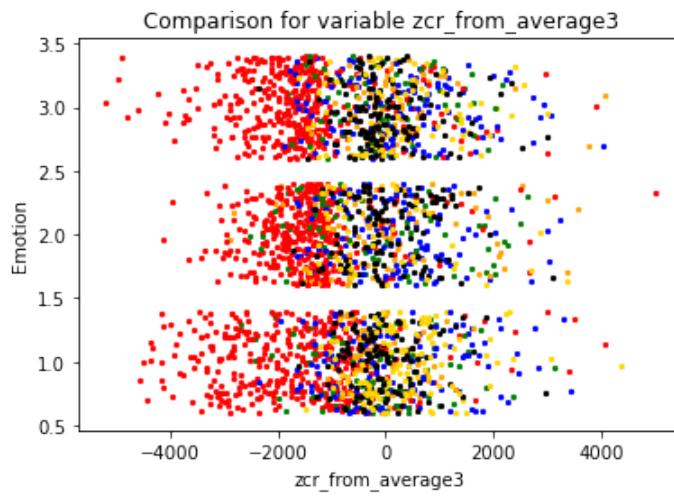
<Figure size 1440x432 with 0 Axes>



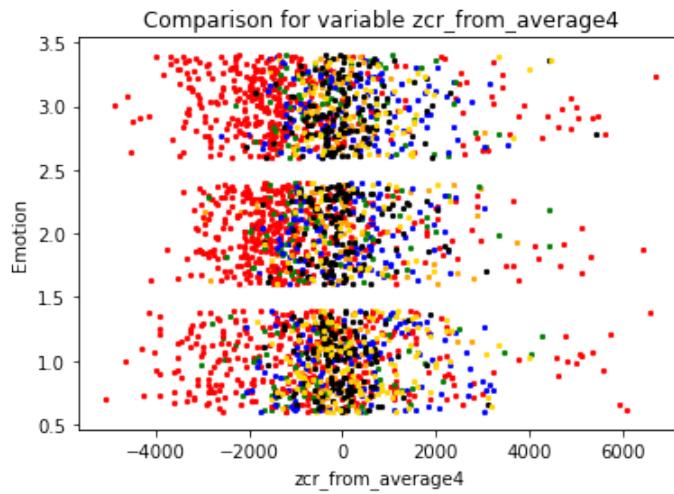
<Figure size 1440x432 with 0 Axes>



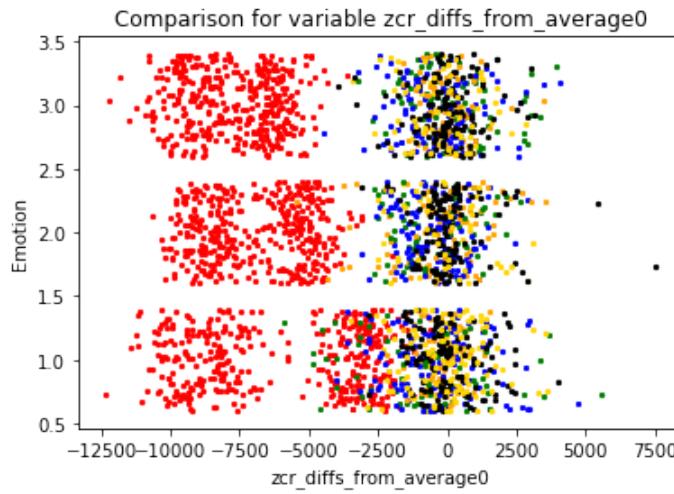
<Figure size 1440x432 with 0 Axes>



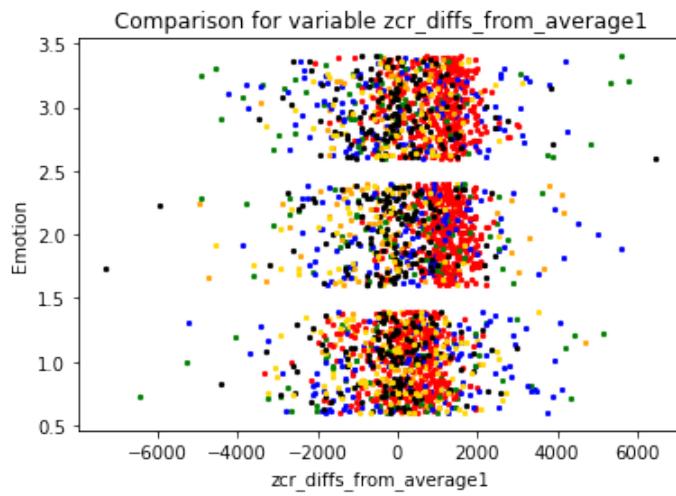
<Figure size 1440x432 with 0 Axes>



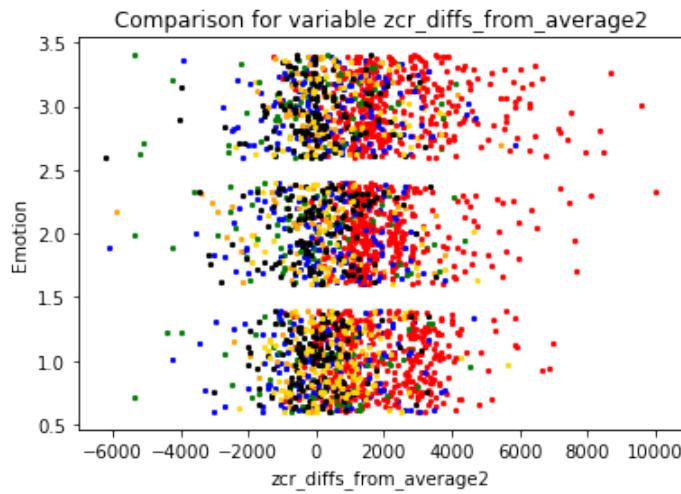
<Figure size 1440x432 with 0 Axes>



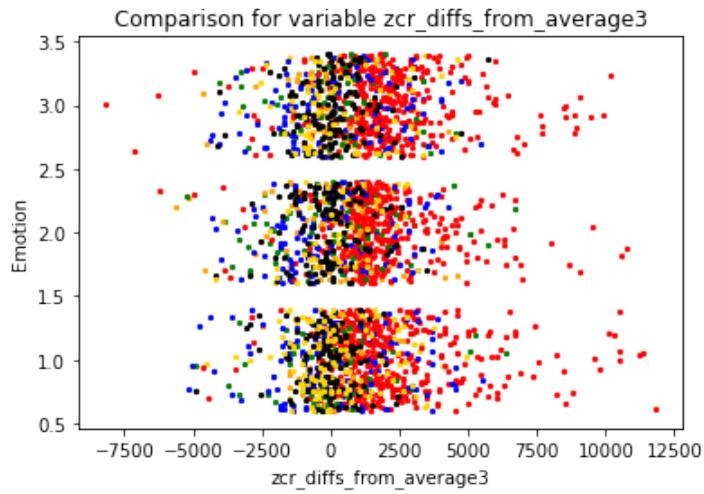
<Figure size 1440x432 with 0 Axes>



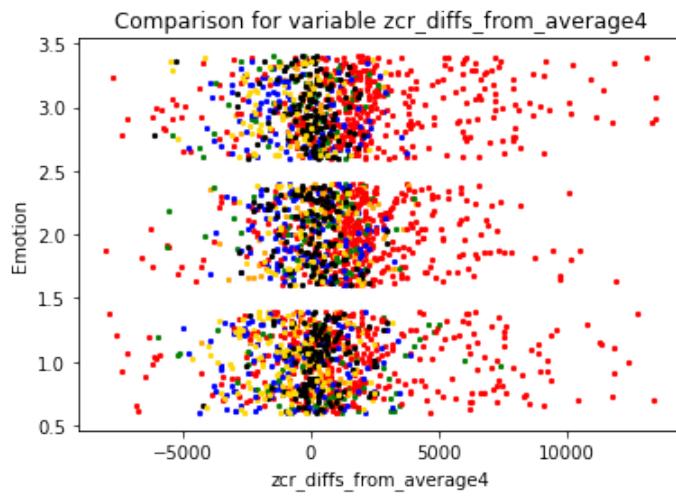
<Figure size 1440x432 with 0 Axes>



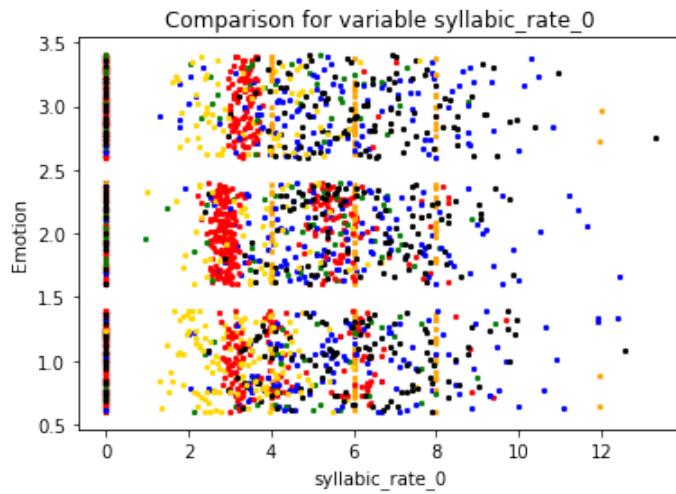
<Figure size 1440x432 with 0 Axes>



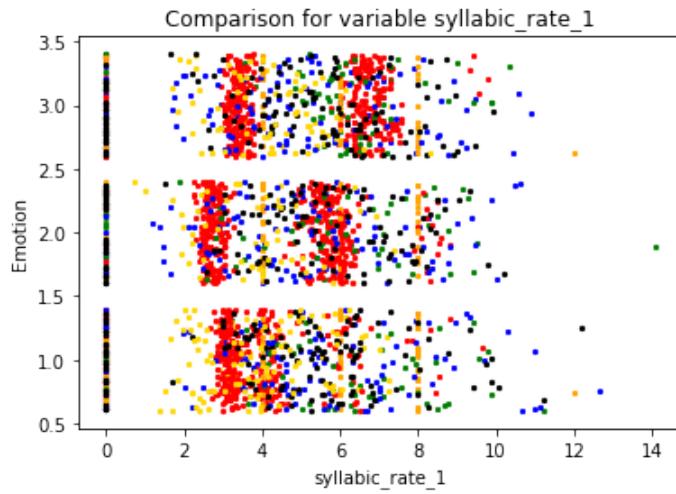
<Figure size 1440x432 with 0 Axes>



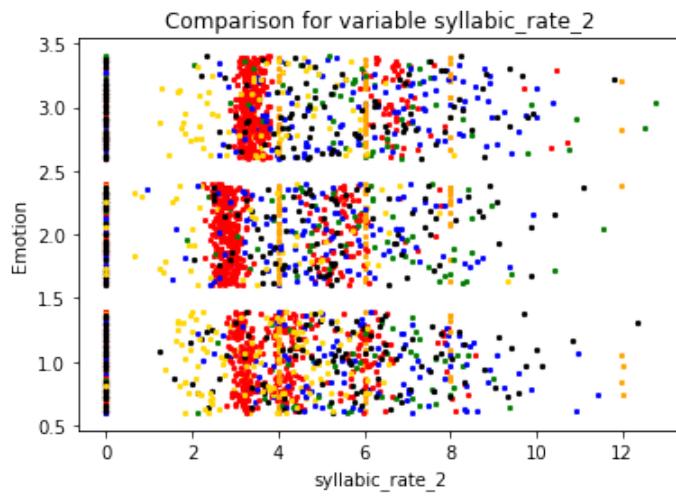
<Figure size 1440x432 with 0 Axes>



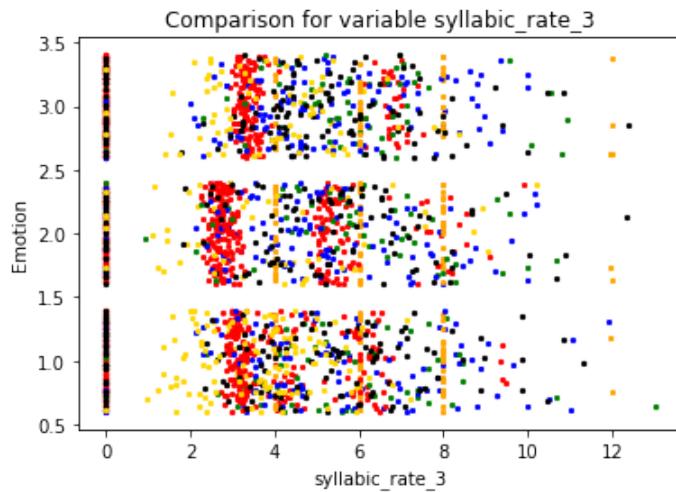
<Figure size 1440x432 with 0 Axes>



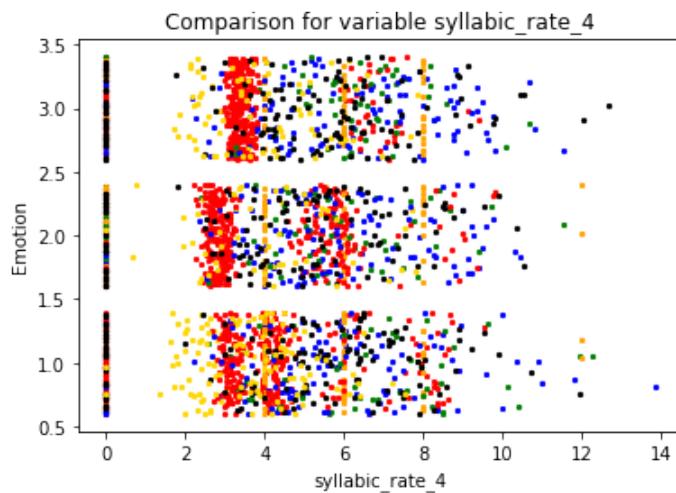
<Figure size 1440x432 with 0 Axes>



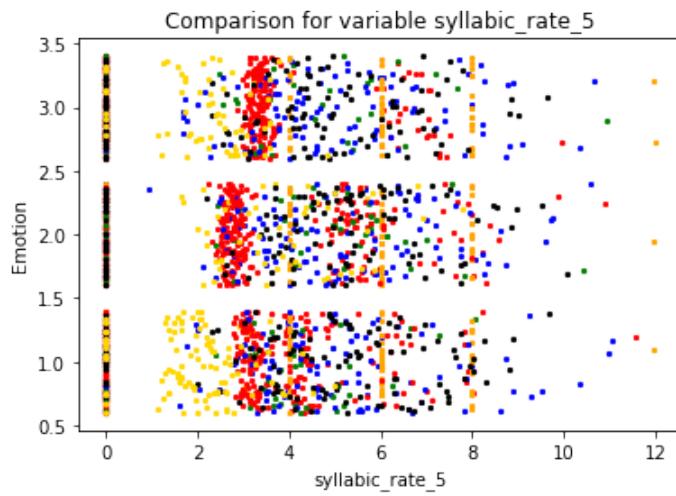
<Figure size 1440x432 with 0 Axes>



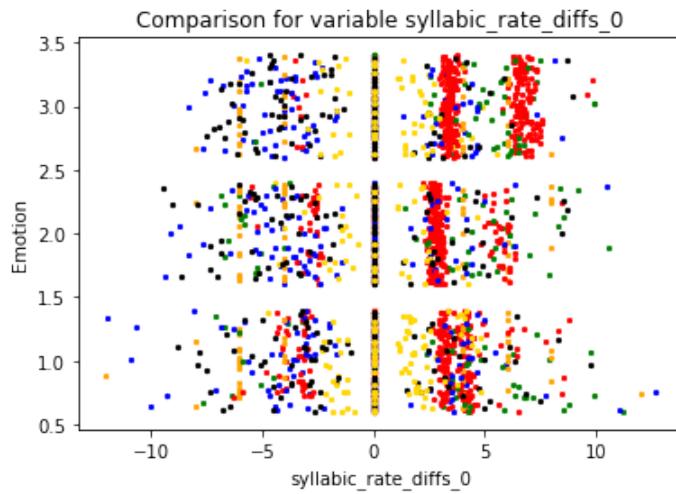
<Figure size 1440x432 with 0 Axes>



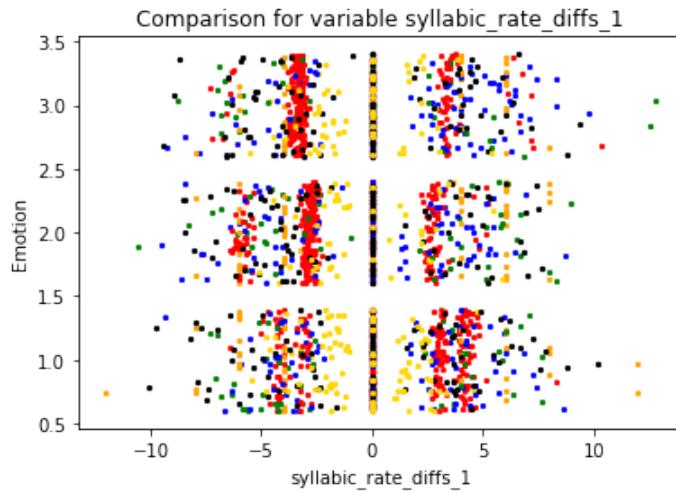
<Figure size 1440x432 with 0 Axes>



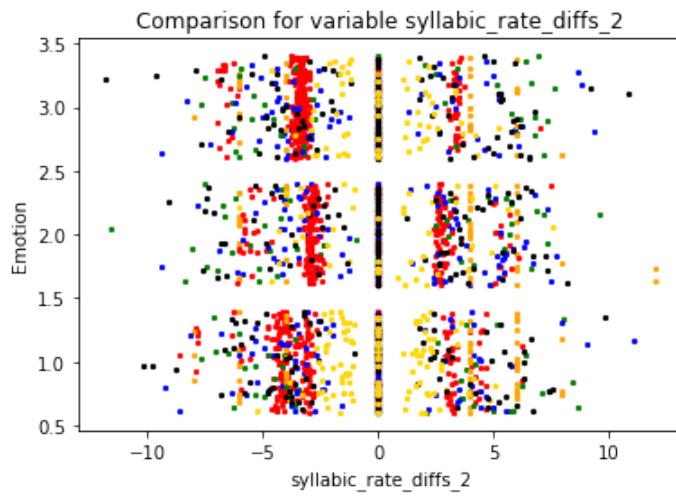
<Figure size 1440x432 with 0 Axes>



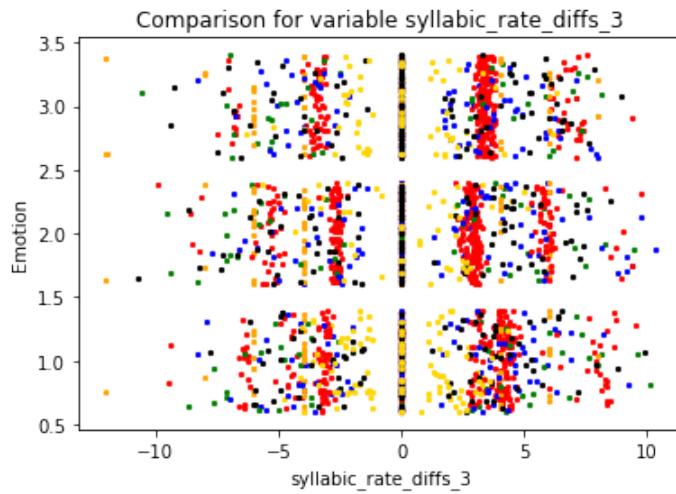
<Figure size 1440x432 with 0 Axes>



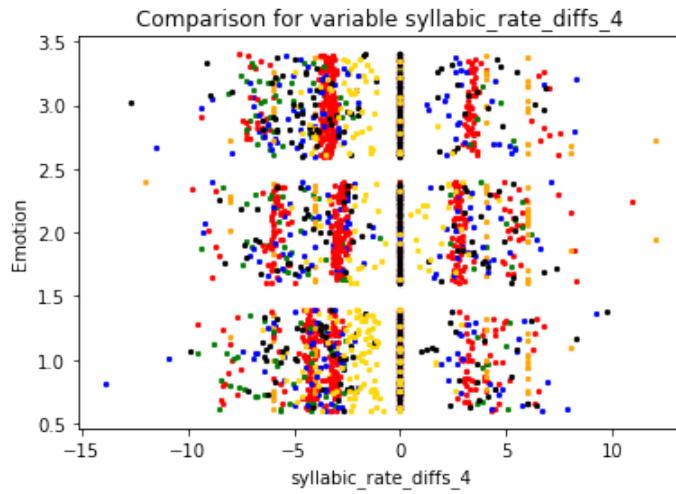
<Figure size 1440x432 with 0 Axes>



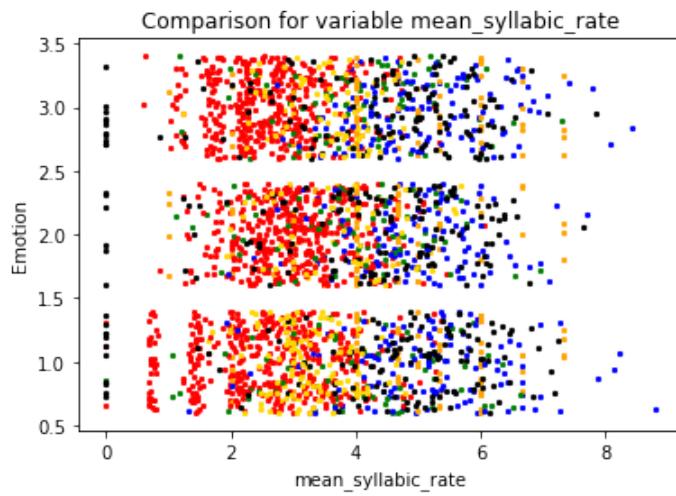
<Figure size 1440x432 with 0 Axes>



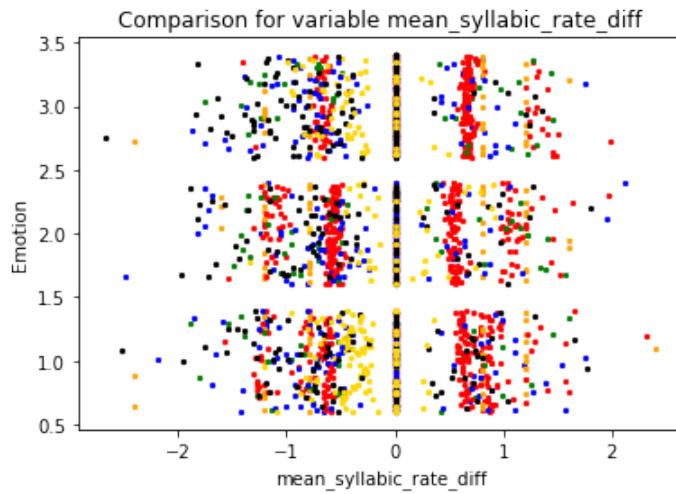
<Figure size 1440x432 with 0 Axes>



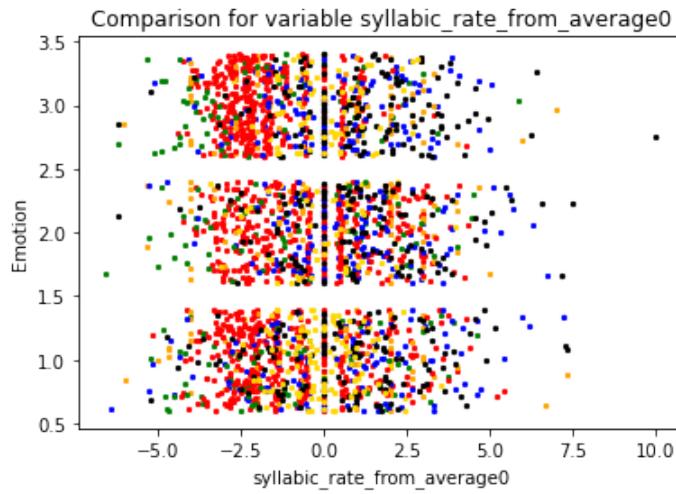
<Figure size 1440x432 with 0 Axes>



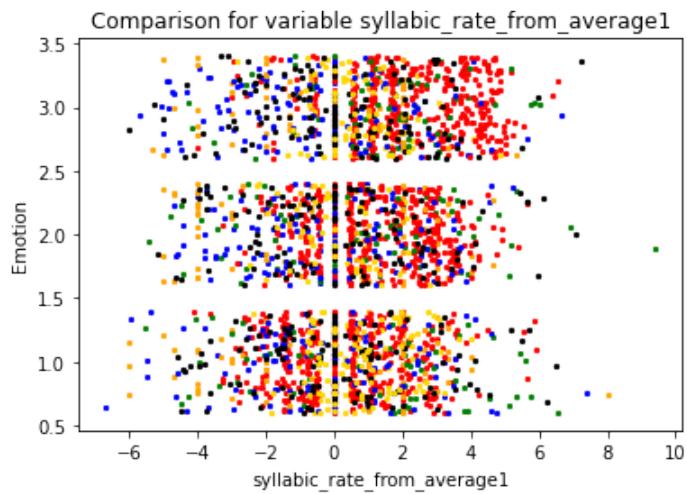
<Figure size 1440x432 with 0 Axes>



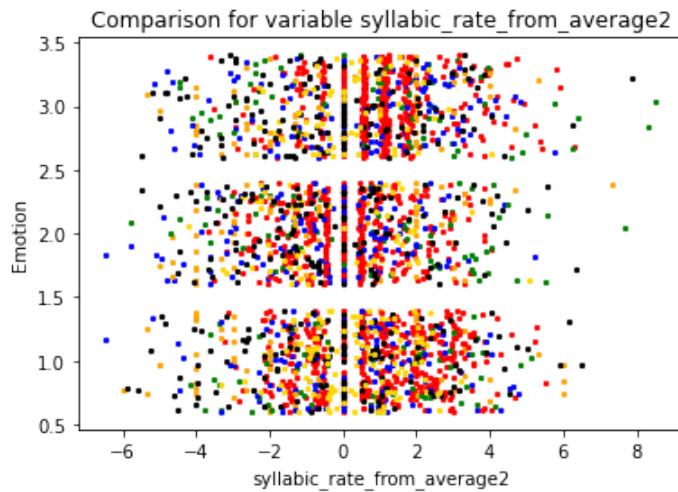
<Figure size 1440x432 with 0 Axes>



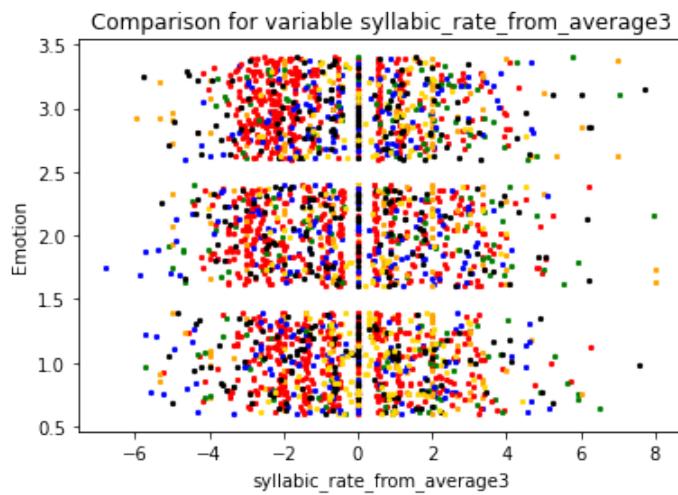
<Figure size 1440x432 with 0 Axes>



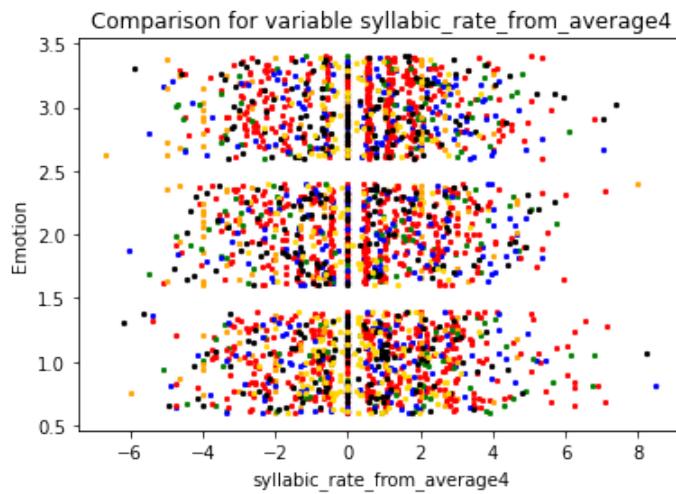
<Figure size 1440x432 with 0 Axes>



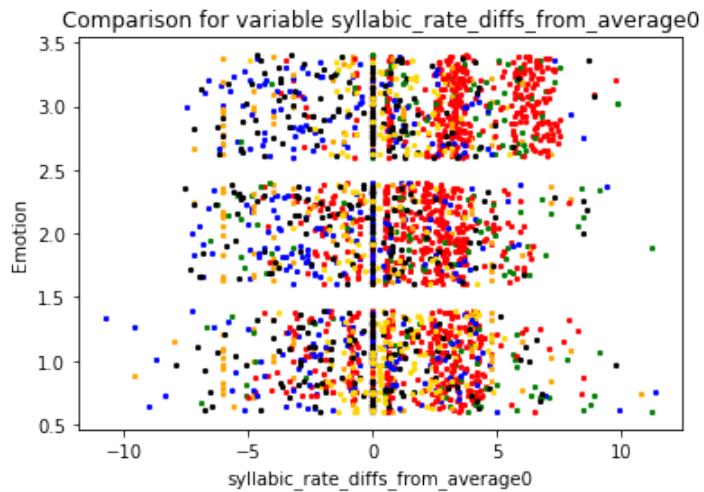
<Figure size 1440x432 with 0 Axes>



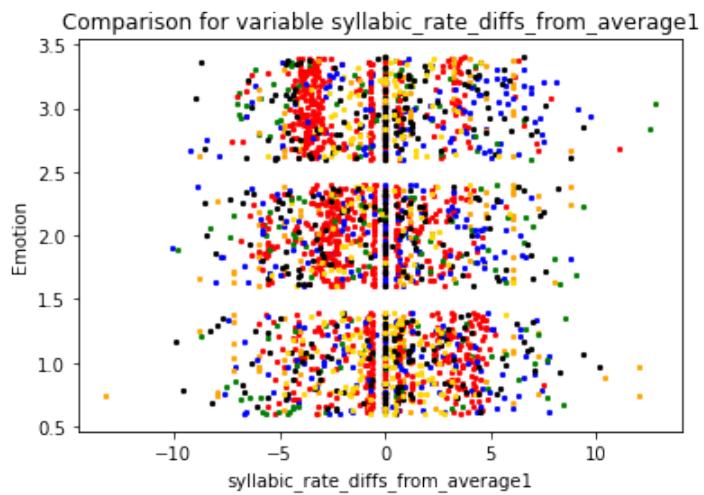
<Figure size 1440x432 with 0 Axes>



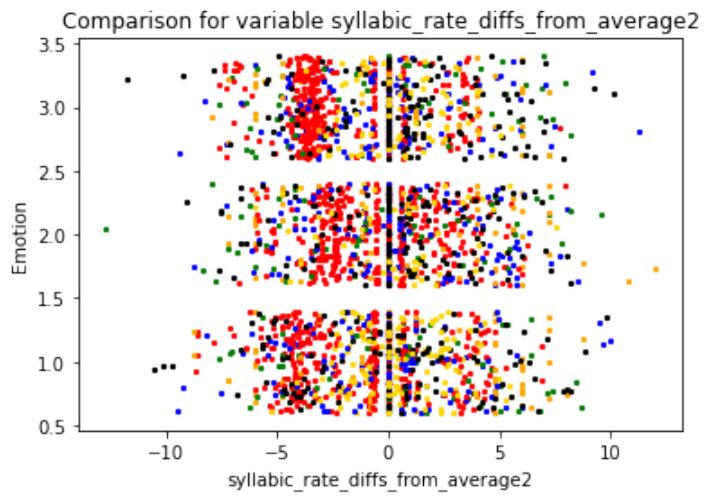
<Figure size 1440x432 with 0 Axes>



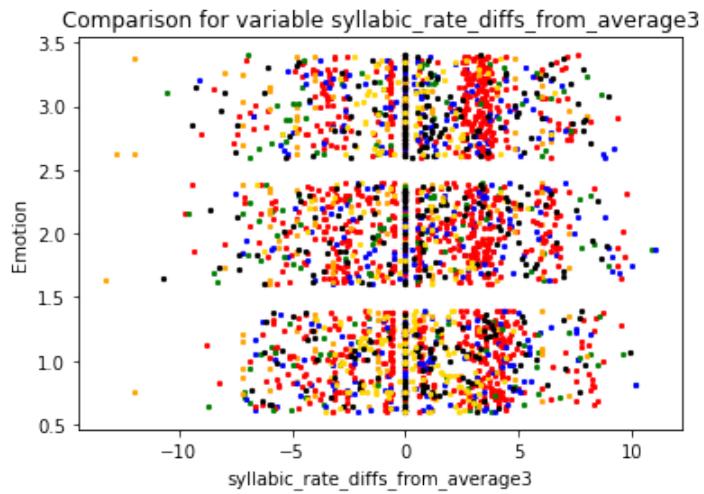
<Figure size 1440x432 with 0 Axes>



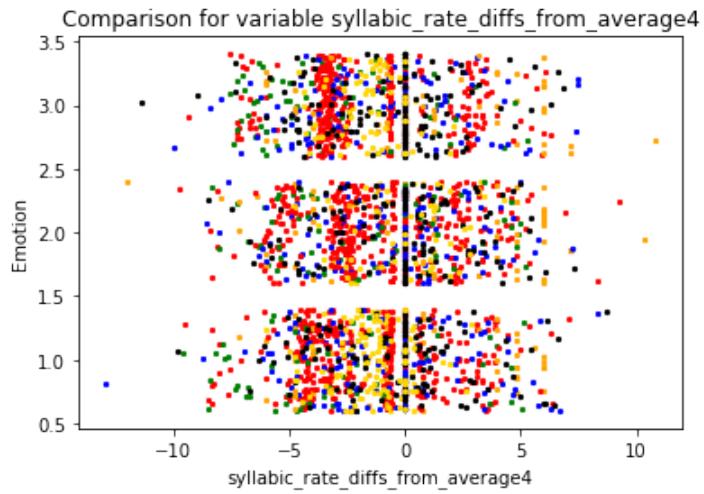
<Figure size 1440x432 with 0 Axes>



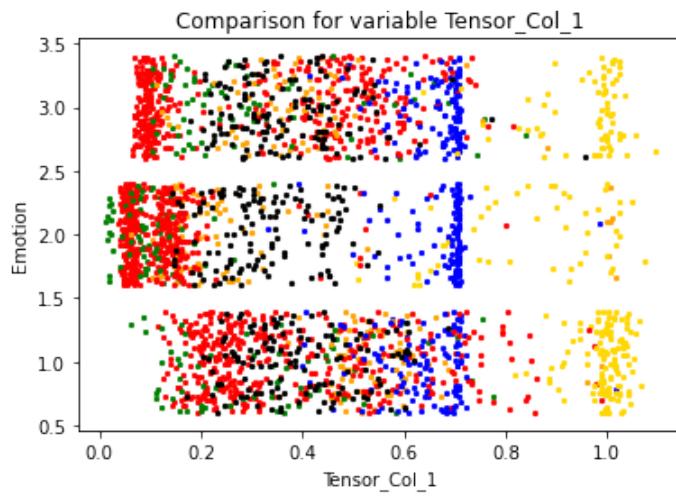
<Figure size 1440x432 with 0 Axes>



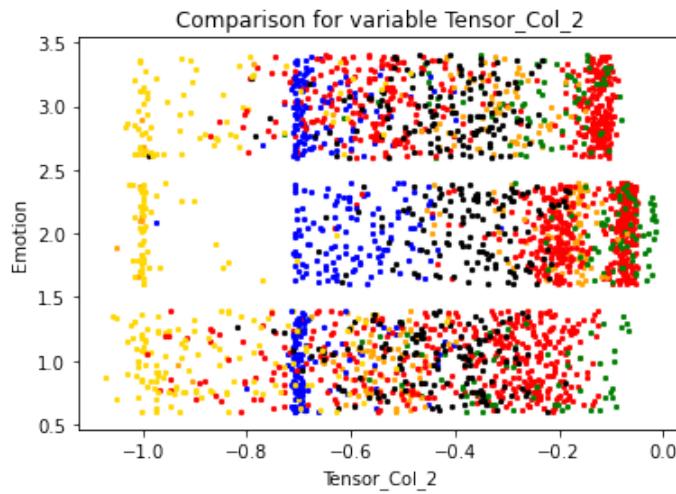
<Figure size 1440x432 with 0 Axes>



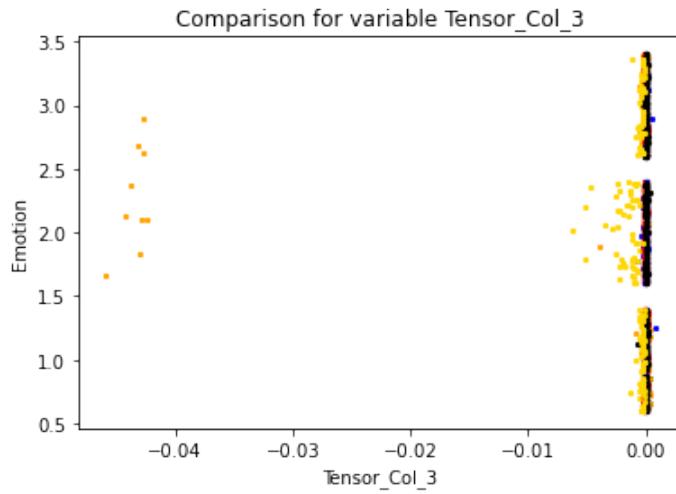
<Figure size 1440x432 with 0 Axes>



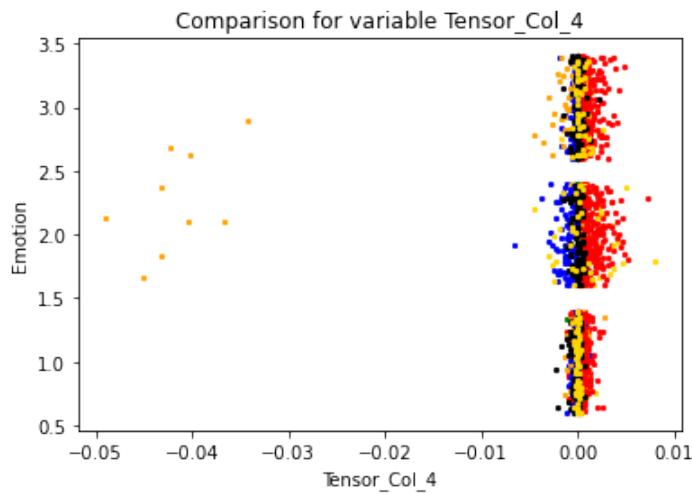
<Figure size 1440x432 with 0 Axes>



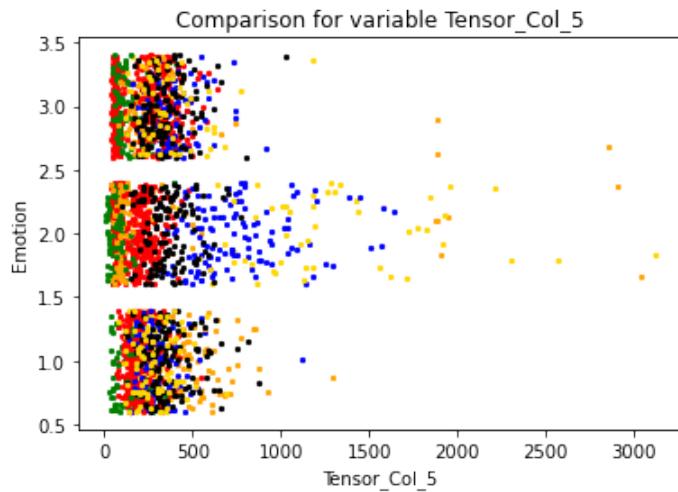
<Figure size 1440x432 with 0 Axes>



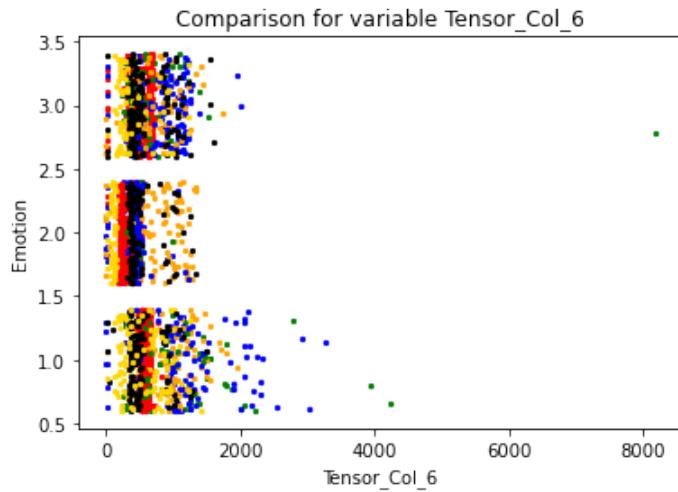
<Figure size 1440x432 with 0 Axes>



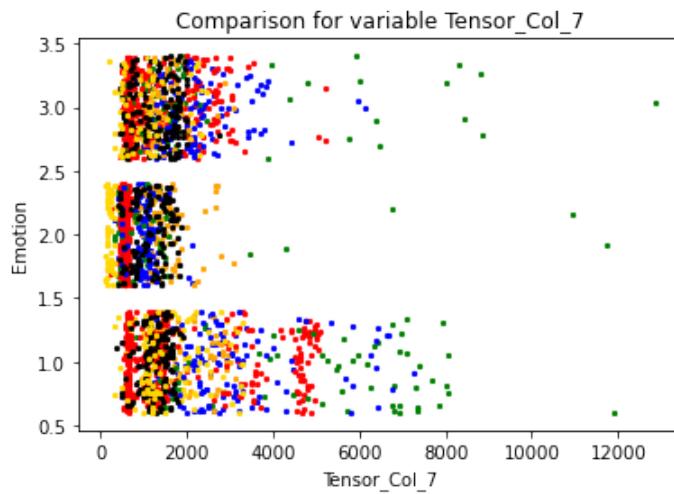
<Figure size 1440x432 with 0 Axes>



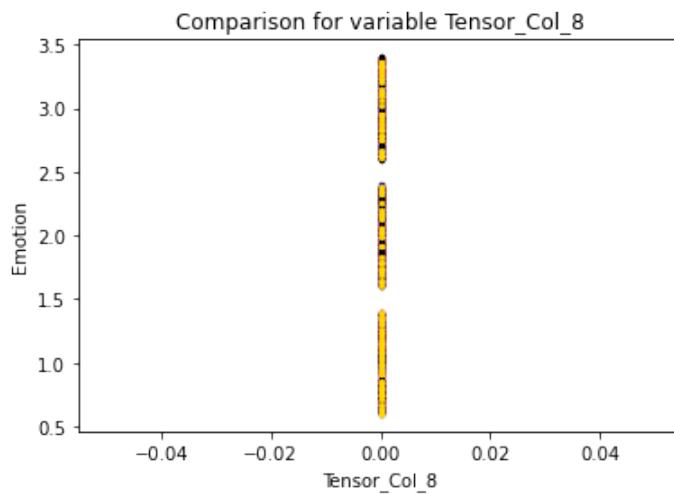
<Figure size 1440x432 with 0 Axes>



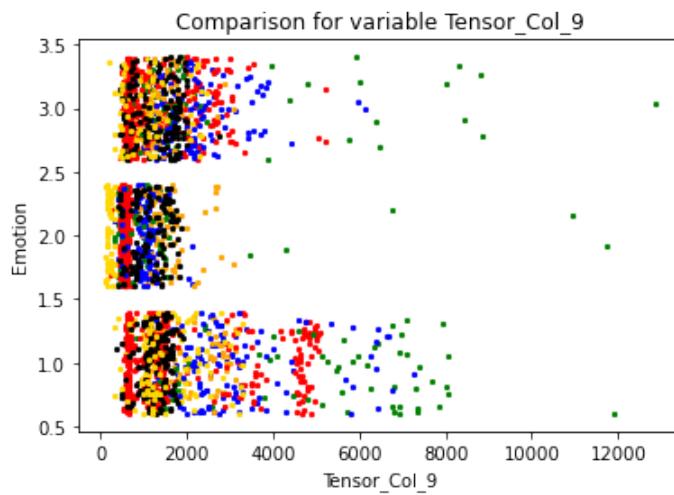
<Figure size 1440x432 with 0 Axes>



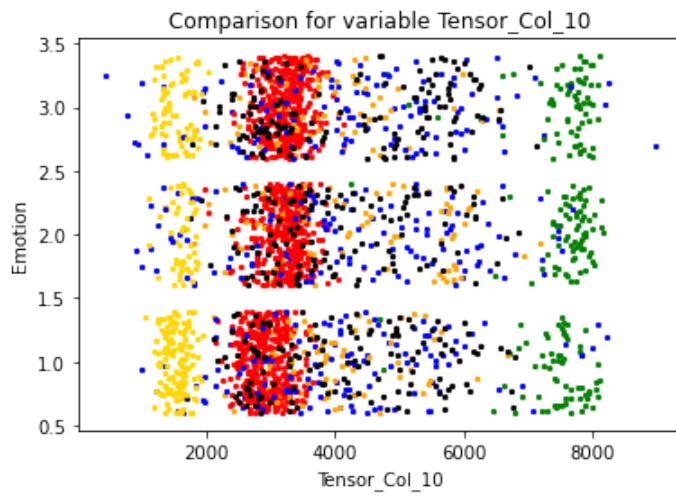
<Figure size 1440x432 with 0 Axes>



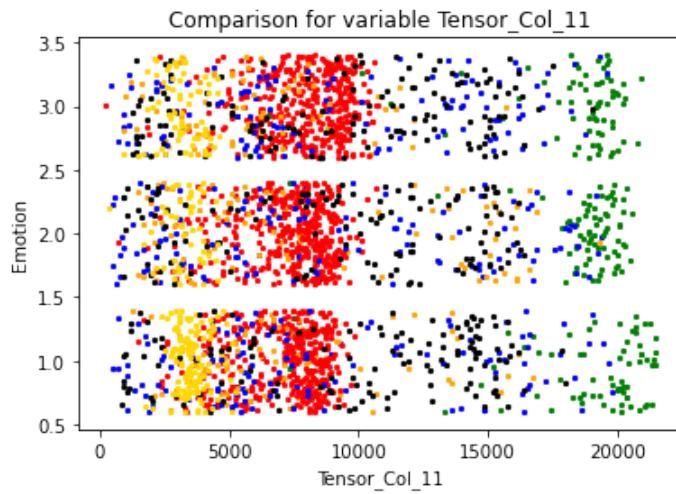
<Figure size 1440x432 with 0 Axes>



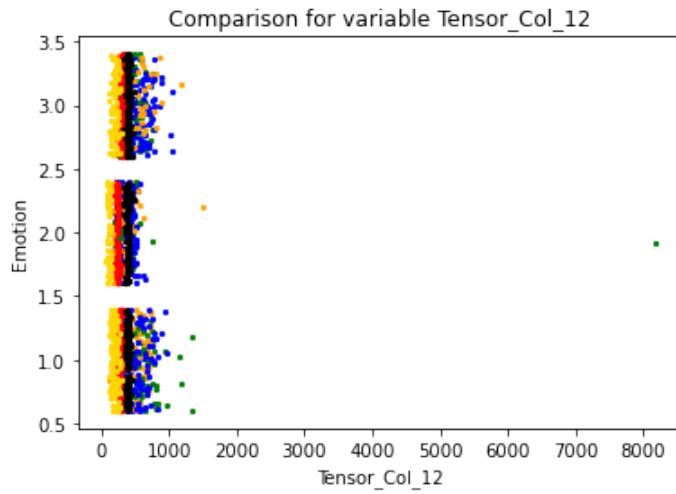
<Figure size 1440x432 with 0 Axes>



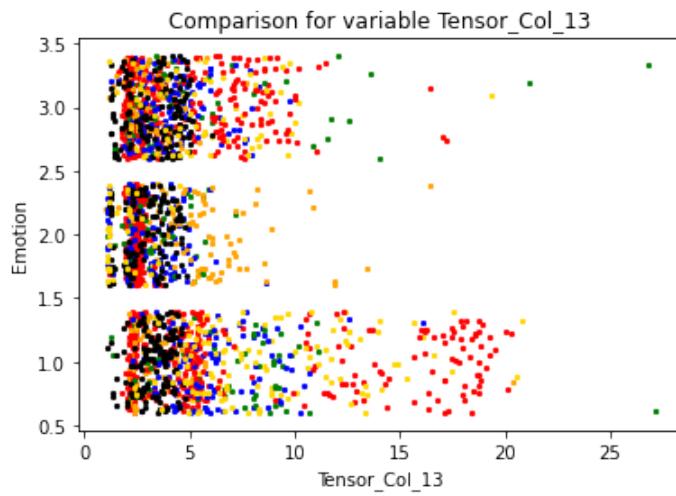
<Figure size 1440x432 with 0 Axes>



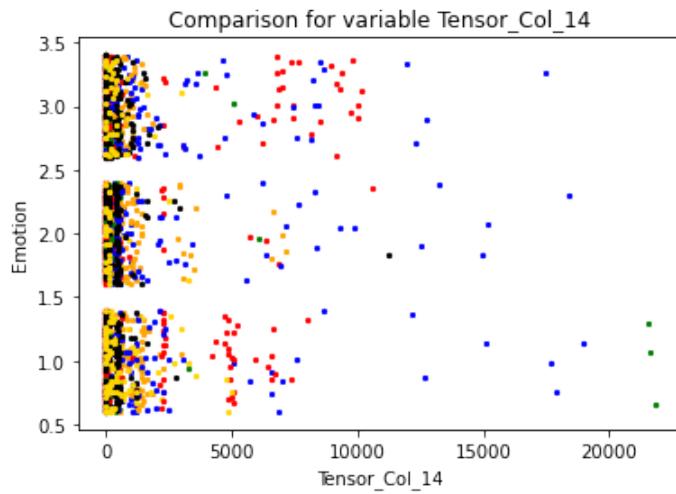
<Figure size 1440x432 with 0 Axes>



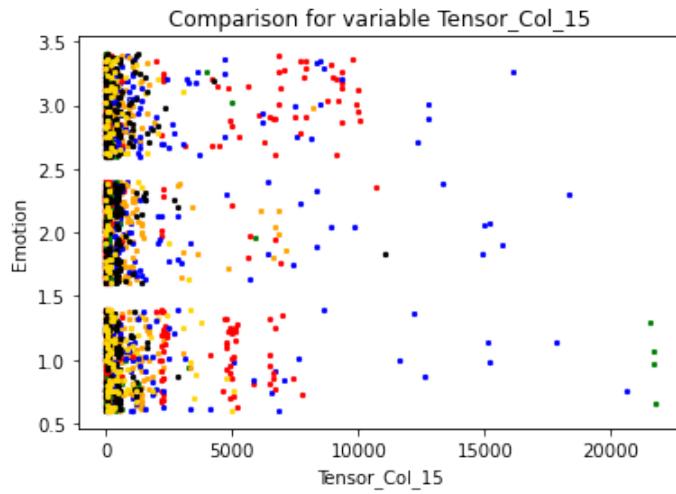
<Figure size 1440x432 with 0 Axes>



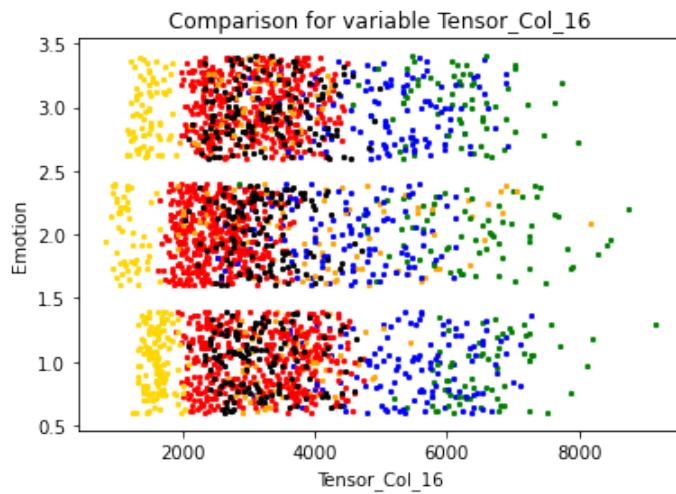
<Figure size 1440x432 with 0 Axes>



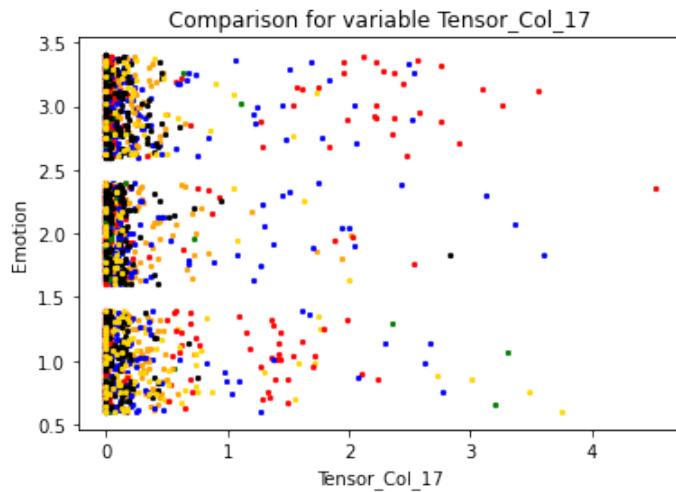
<Figure size 1440x432 with 0 Axes>



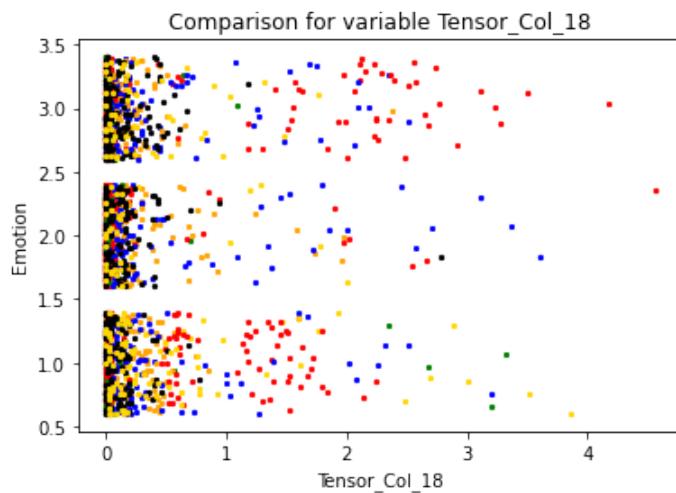
<Figure size 1440x432 with 0 Axes>



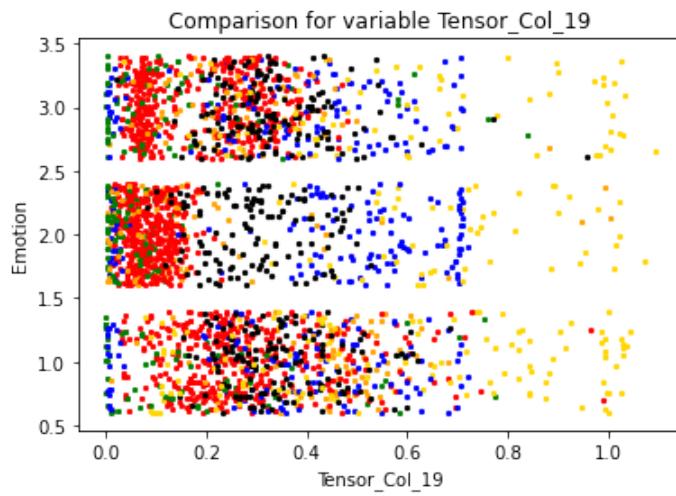
<Figure size 1440x432 with 0 Axes>



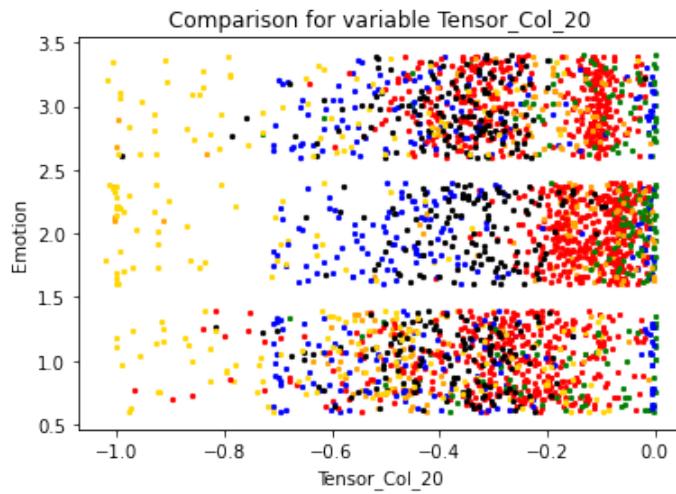
<Figure size 1440x432 with 0 Axes>



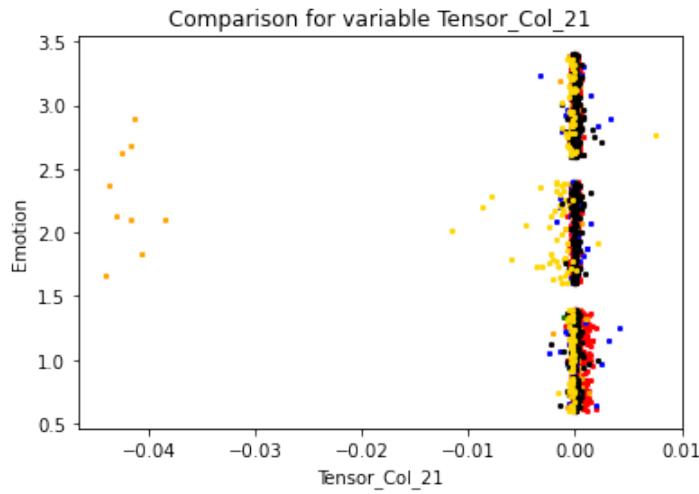
<Figure size 1440x432 with 0 Axes>



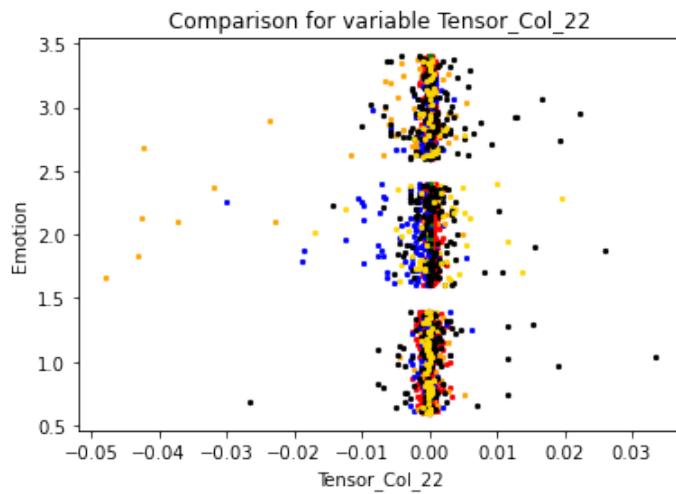
<Figure size 1440x432 with 0 Axes>



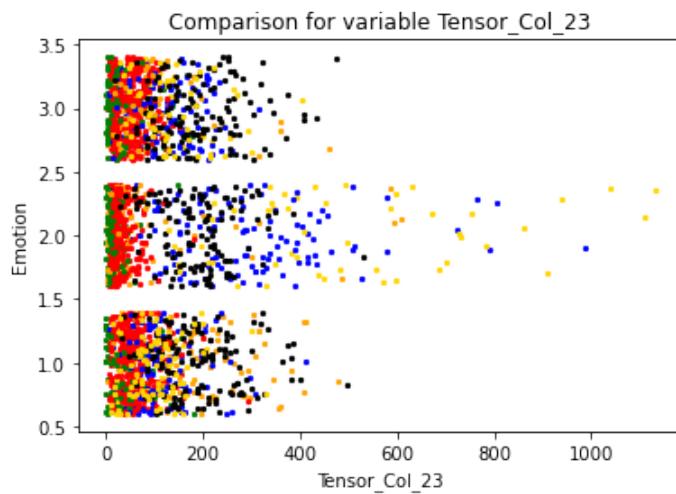
<Figure size 1440x432 with 0 Axes>



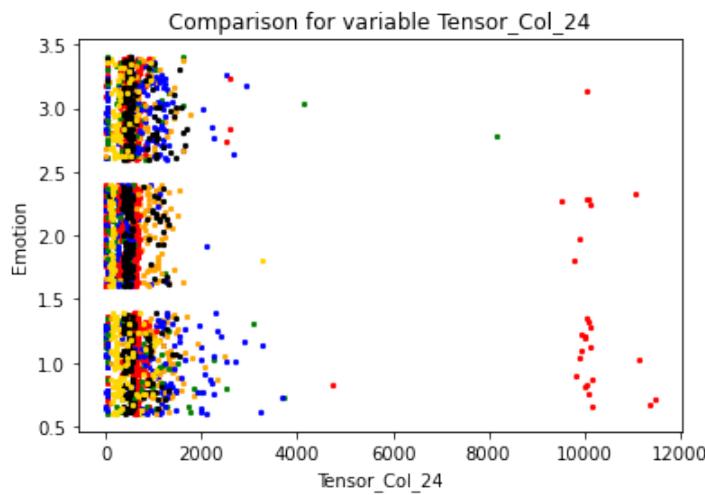
<Figure size 1440x432 with 0 Axes>



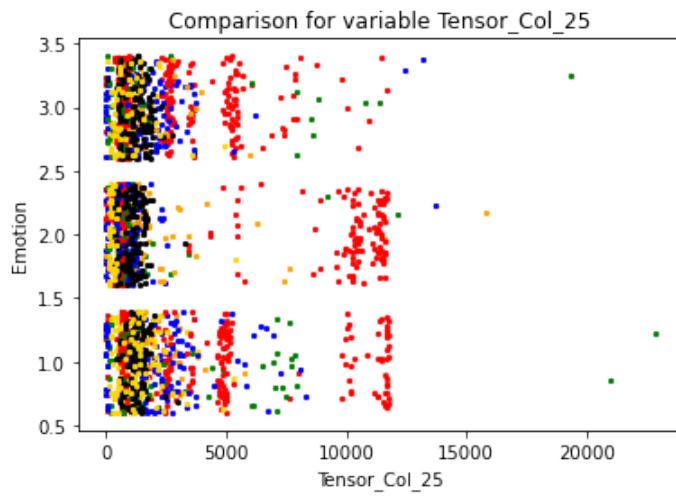
<Figure size 1440x432 with 0 Axes>



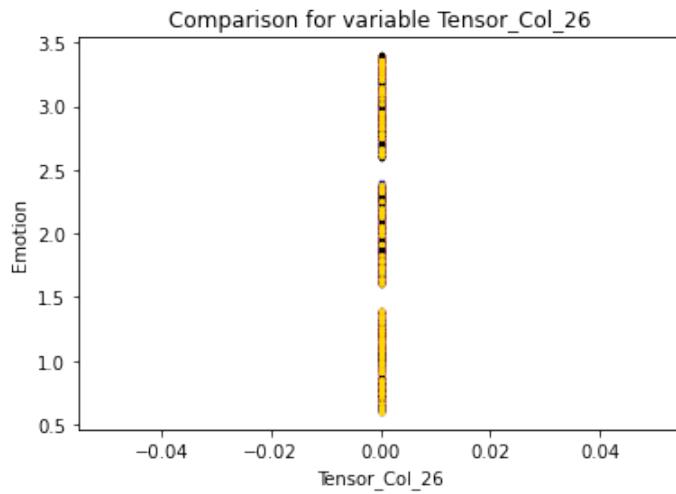
<Figure size 1440x432 with 0 Axes>



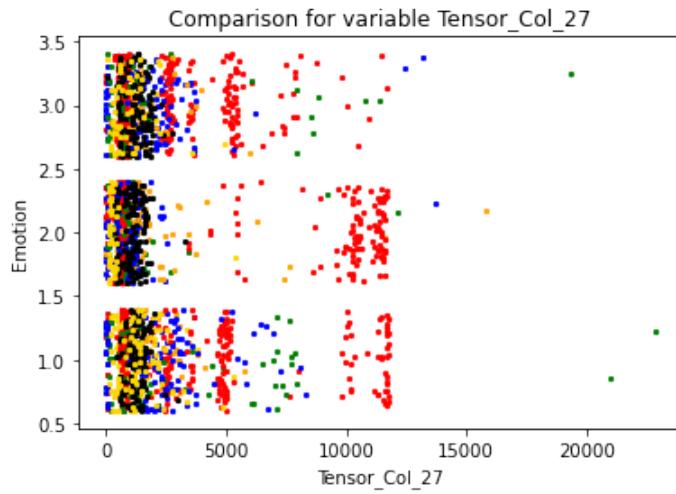
<Figure size 1440x432 with 0 Axes>



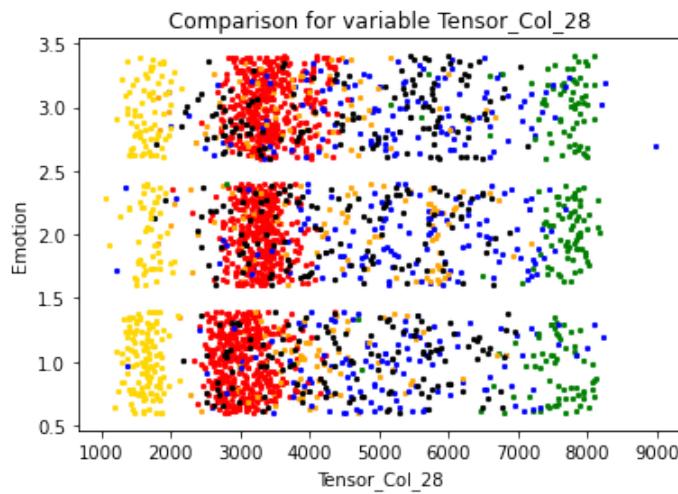
<Figure size 1440x432 with 0 Axes>



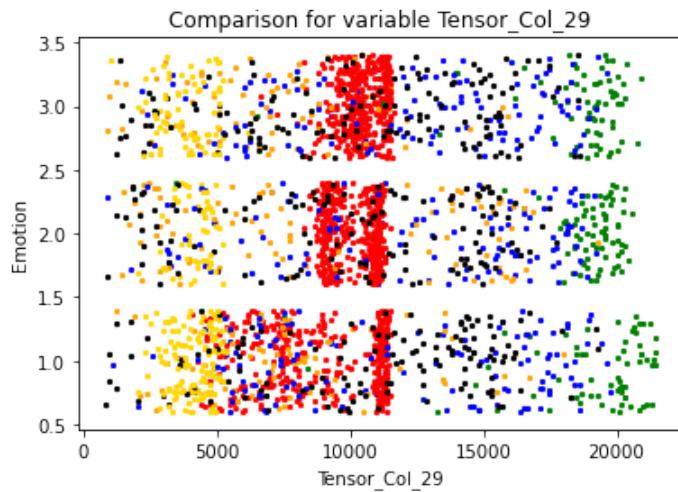
<Figure size 1440x432 with 0 Axes>



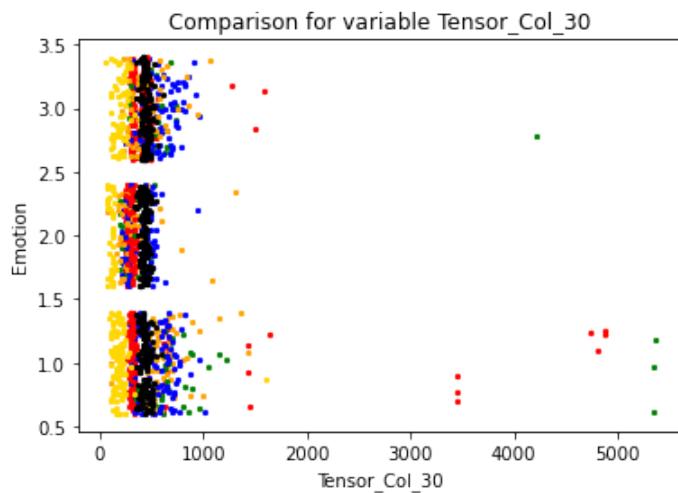
<Figure size 1440x432 with 0 Axes>



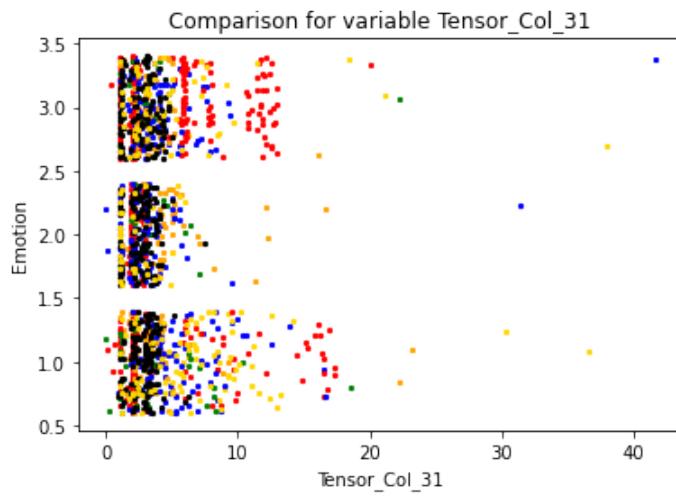
<Figure size 1440x432 with 0 Axes>



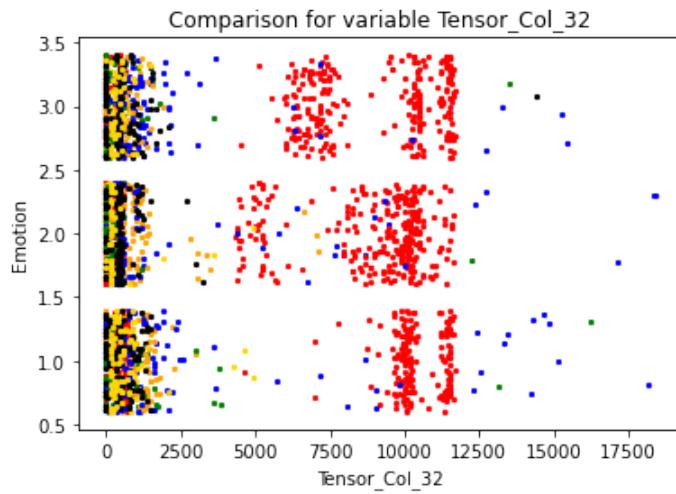
<Figure size 1440x432 with 0 Axes>



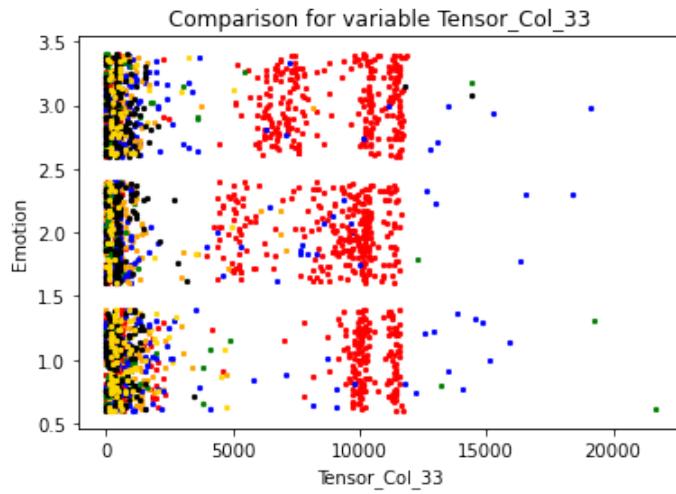
<Figure size 1440x432 with 0 Axes>



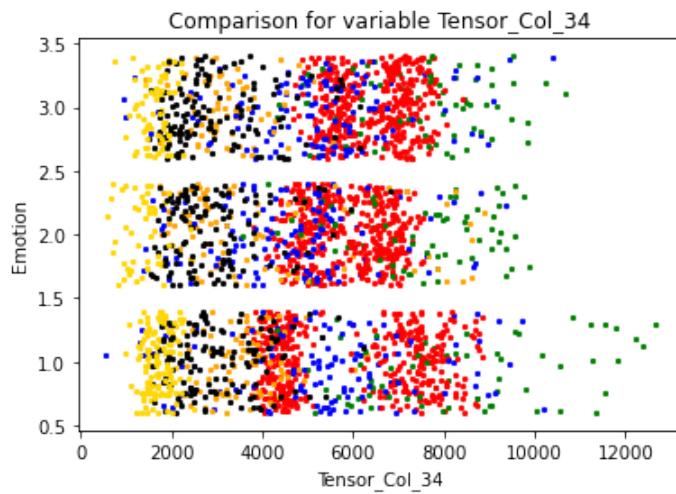
<Figure size 1440x432 with 0 Axes>



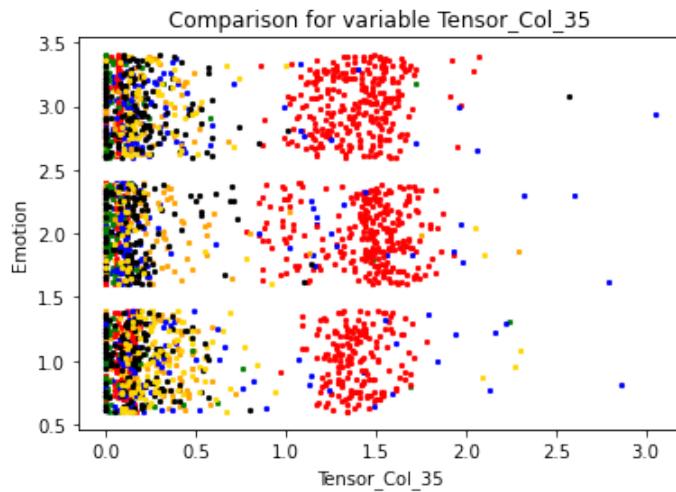
<Figure size 1440x432 with 0 Axes>



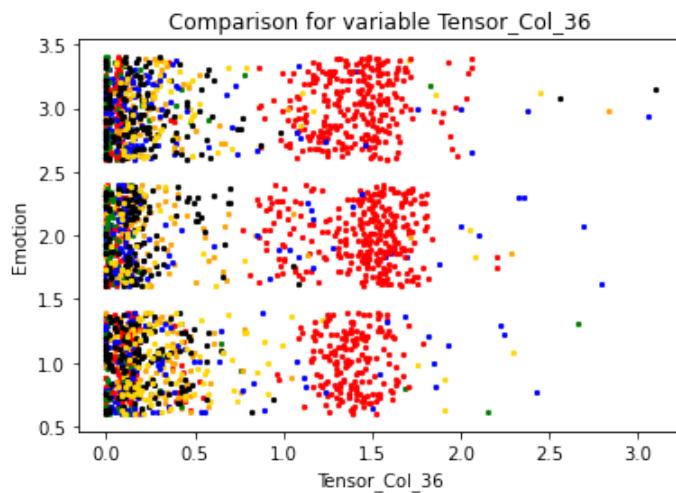
<Figure size 1440x432 with 0 Axes>



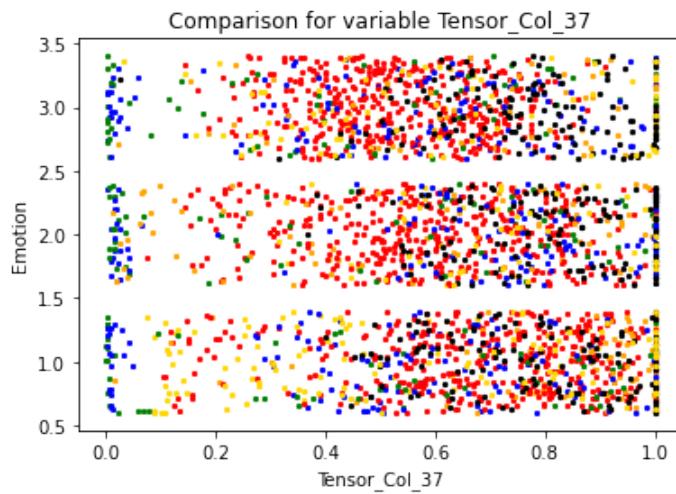
<Figure size 1440x432 with 0 Axes>



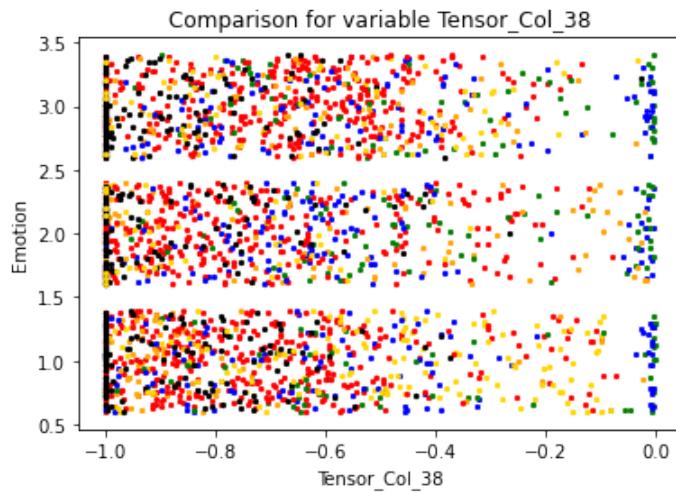
<Figure size 1440x432 with 0 Axes>



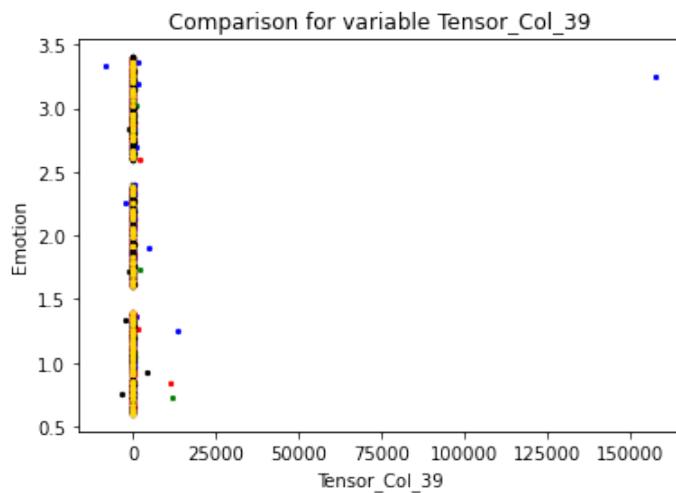
<Figure size 1440x432 with 0 Axes>



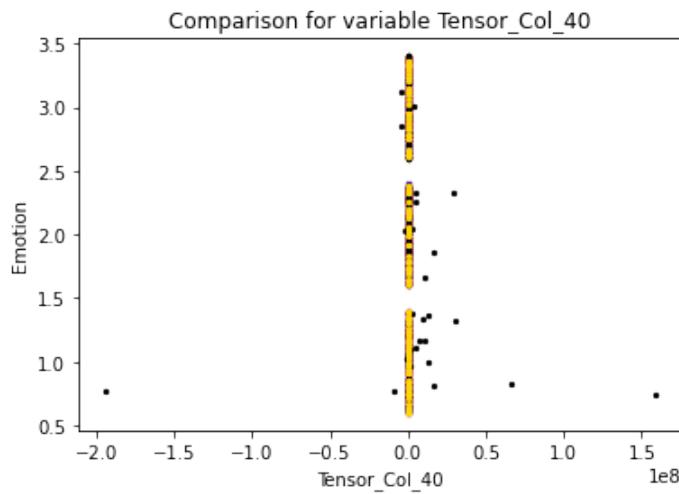
<Figure size 1440x432 with 0 Axes>



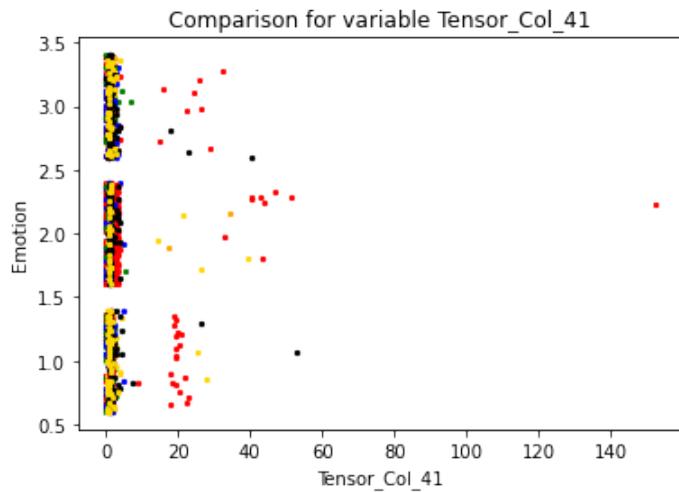
<Figure size 1440x432 with 0 Axes>



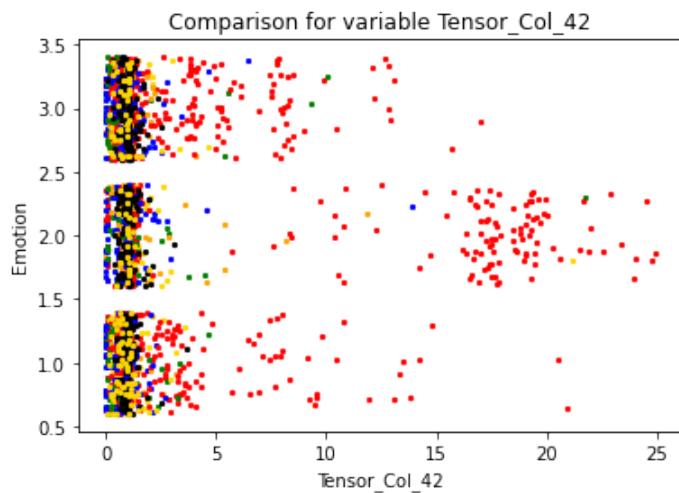
<Figure size 1440x432 with 0 Axes>



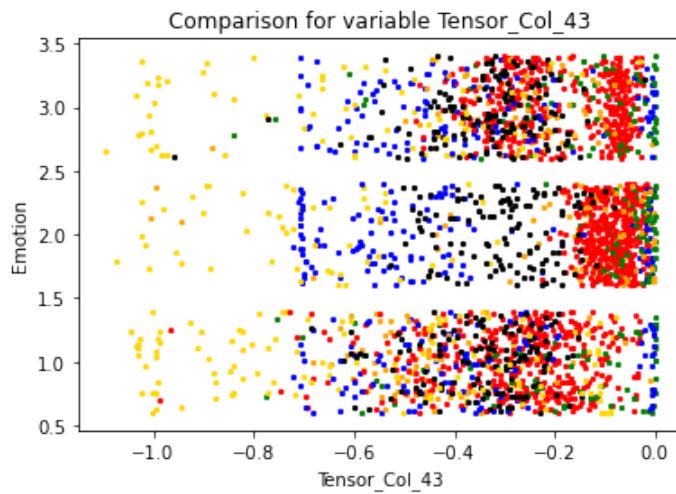
<Figure size 1440x432 with 0 Axes>



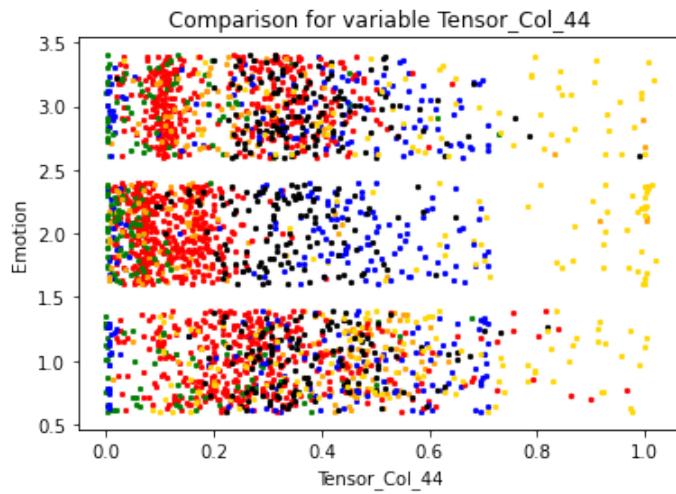
<Figure size 1440x432 with 0 Axes>



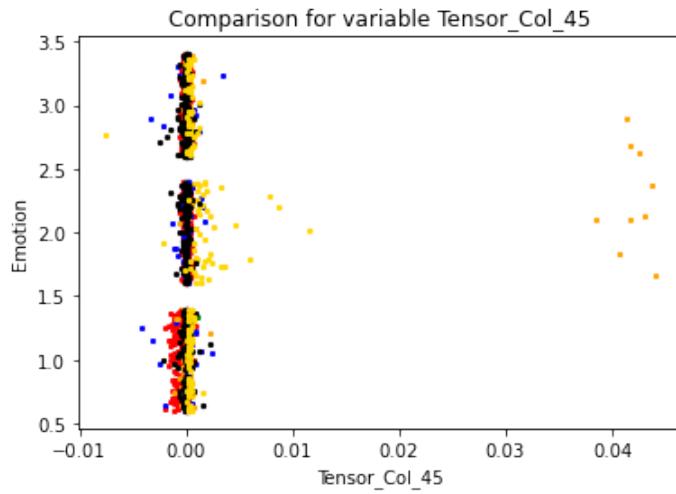
<Figure size 1440x432 with 0 Axes>



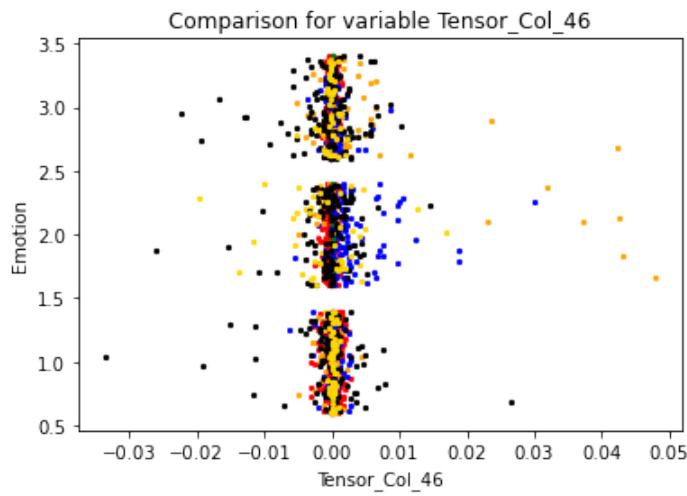
<Figure size 1440x432 with 0 Axes>



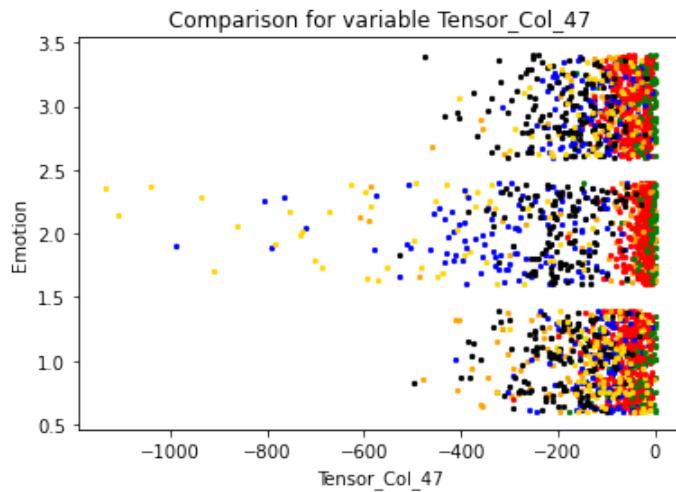
<Figure size 1440x432 with 0 Axes>



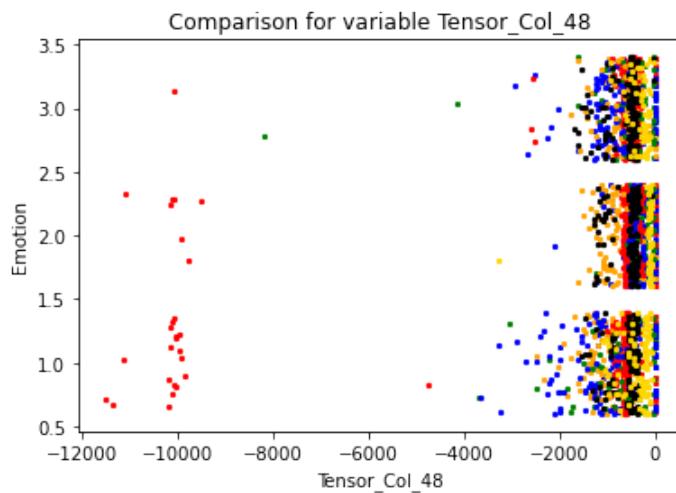
<Figure size 1440x432 with 0 Axes>



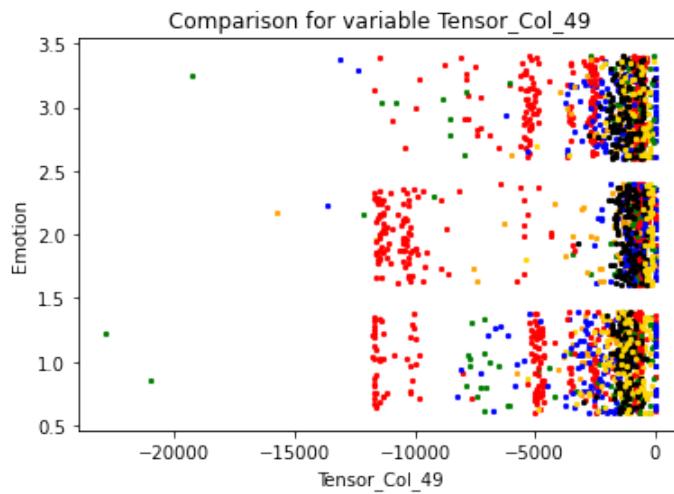
<Figure size 1440x432 with 0 Axes>



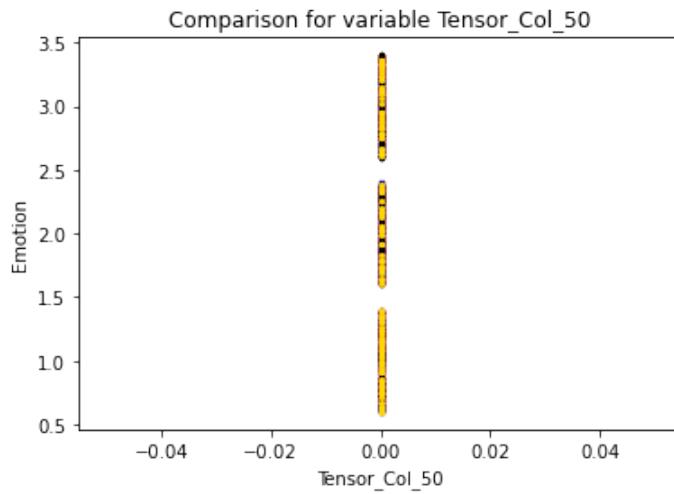
<Figure size 1440x432 with 0 Axes>



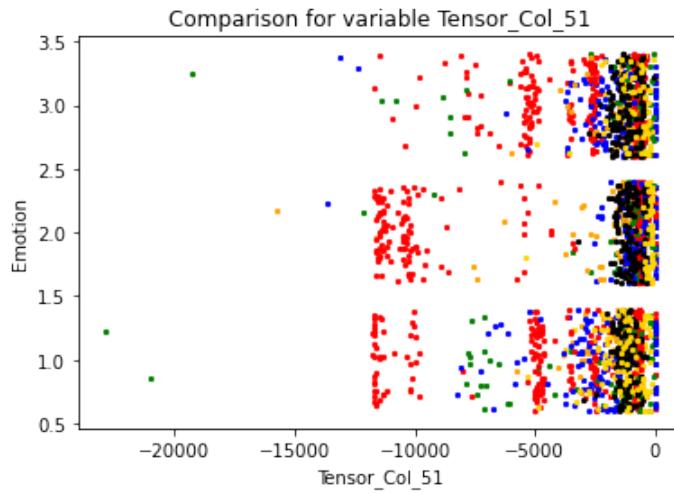
<Figure size 1440x432 with 0 Axes>



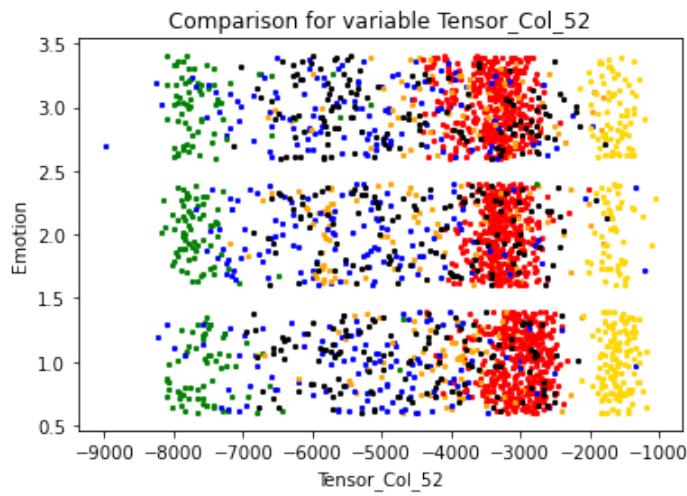
<Figure size 1440x432 with 0 Axes>



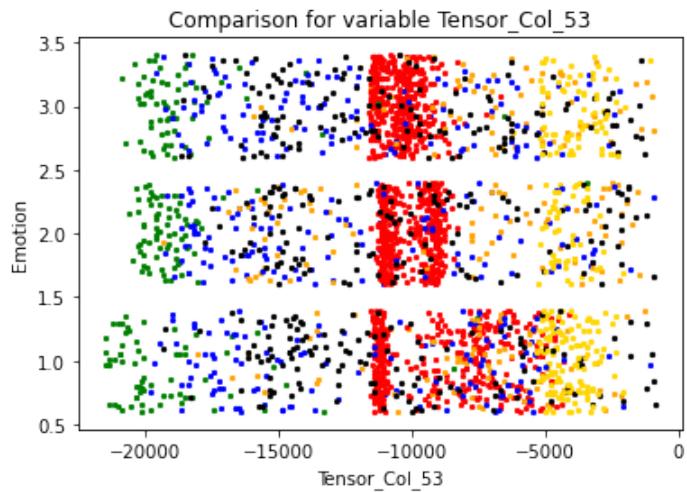
<Figure size 1440x432 with 0 Axes>



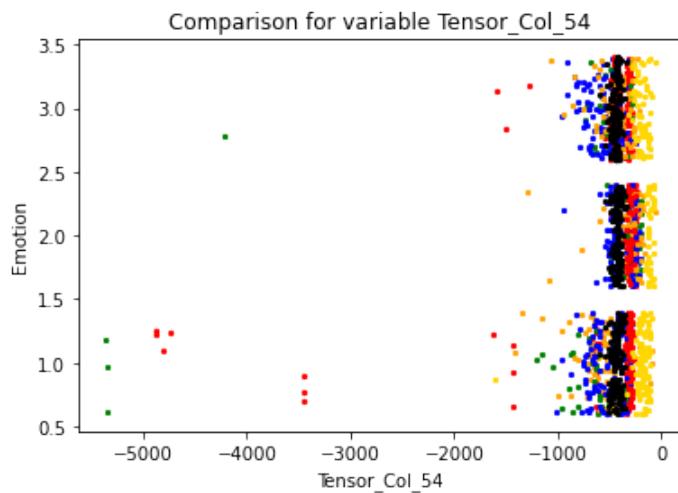
<Figure size 1440x432 with 0 Axes>



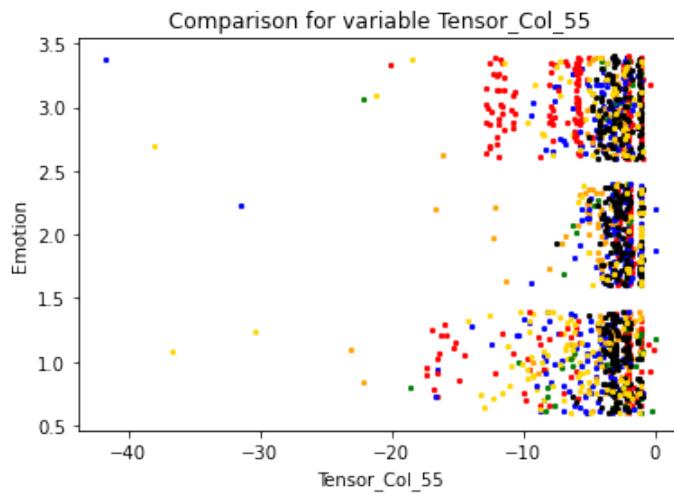
<Figure size 1440x432 with 0 Axes>



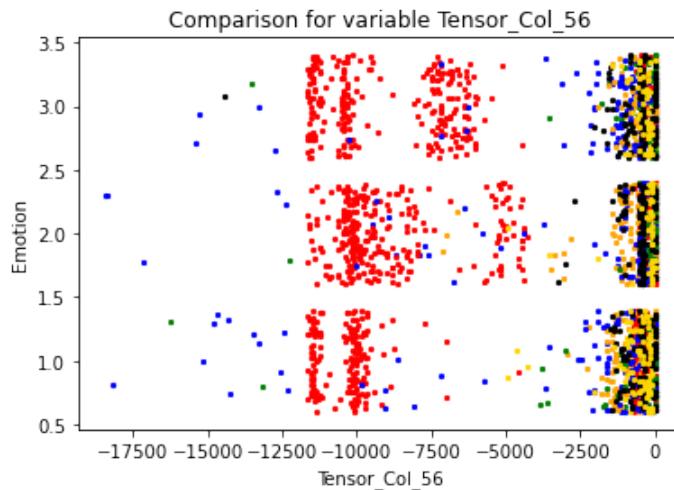
<Figure size 1440x432 with 0 Axes>



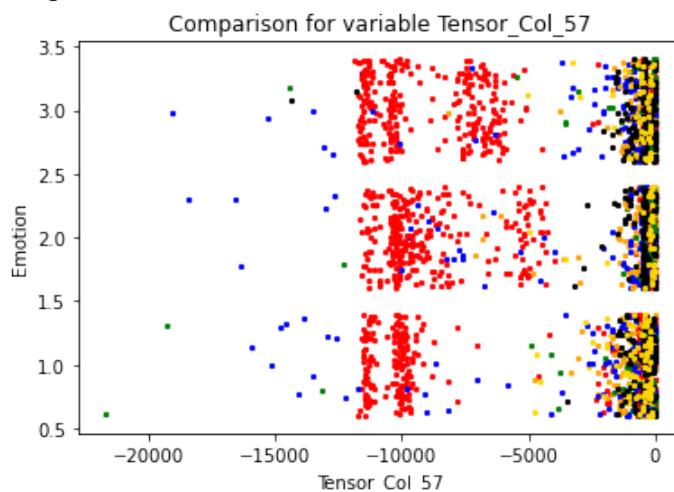
<Figure size 1440x432 with 0 Axes>



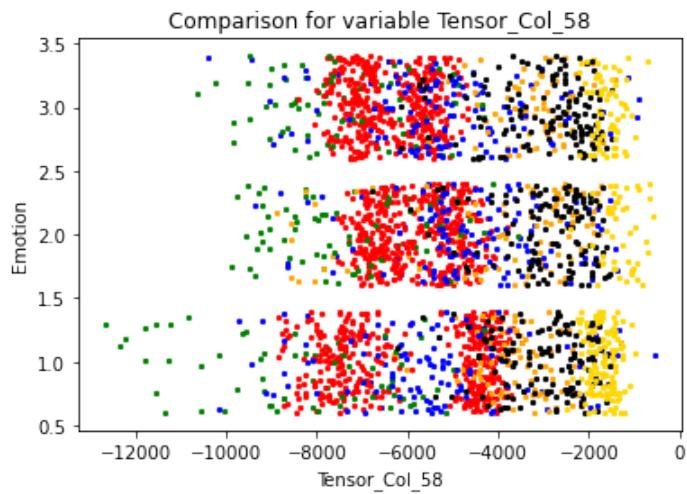
<Figure size 1440x432 with 0 Axes>



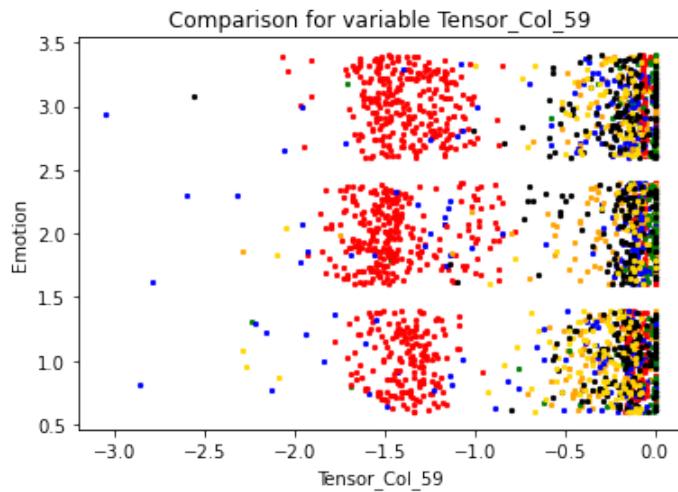
<Figure size 1440x432 with 0 Axes>



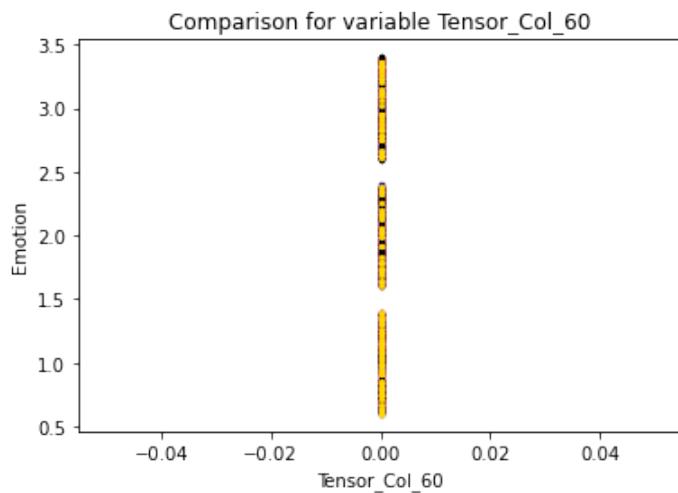
<Figure size 1440x432 with 0 Axes>



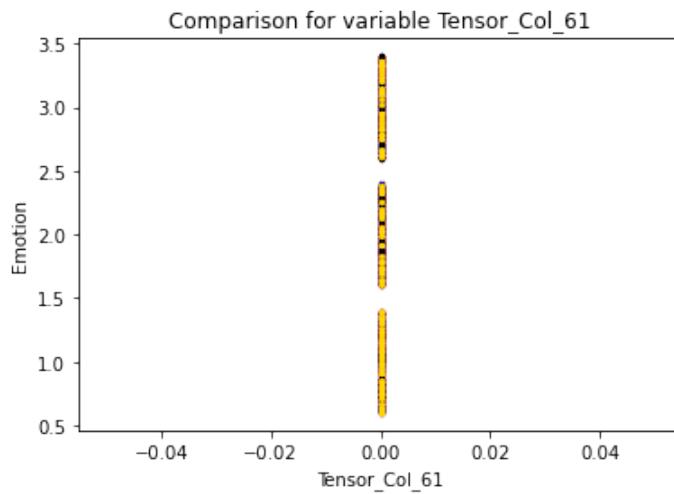
<Figure size 1440x432 with 0 Axes>



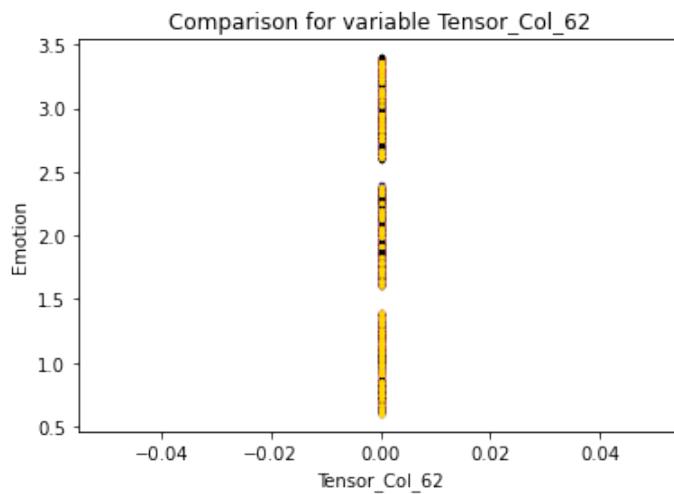
<Figure size 1440x432 with 0 Axes>



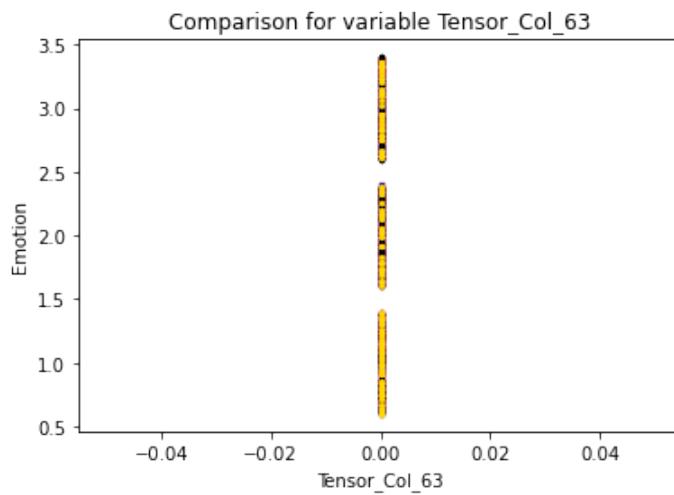
<Figure size 1440x432 with 0 Axes>



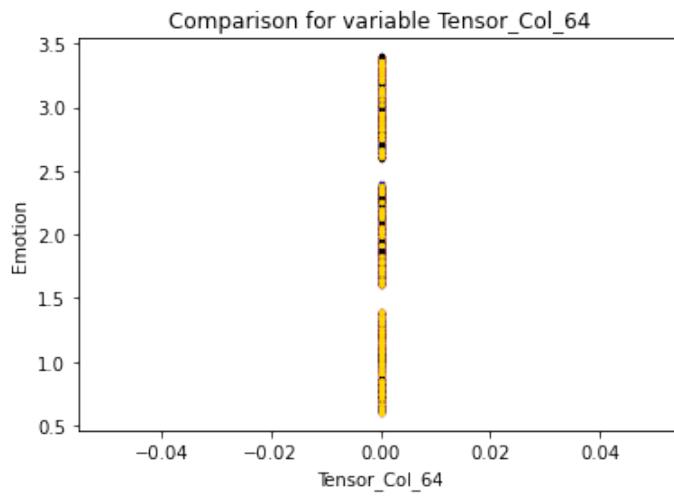
<Figure size 1440x432 with 0 Axes>



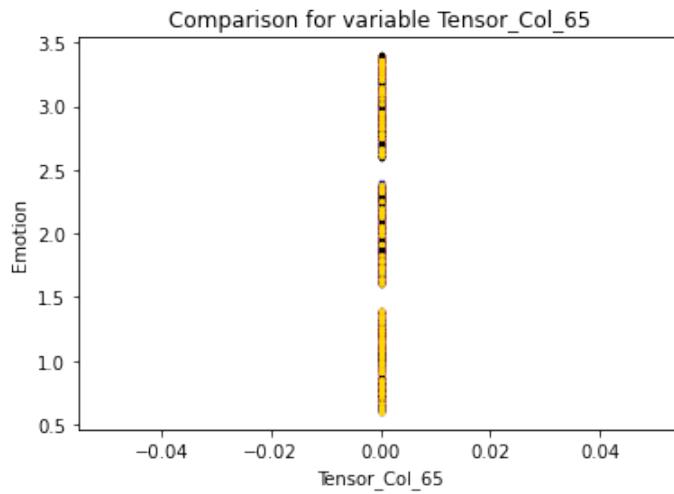
<Figure size 1440x432 with 0 Axes>



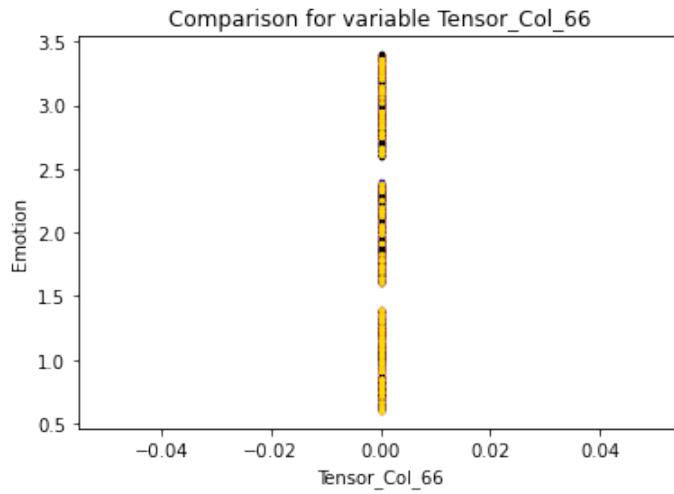
<Figure size 1440x432 with 0 Axes>



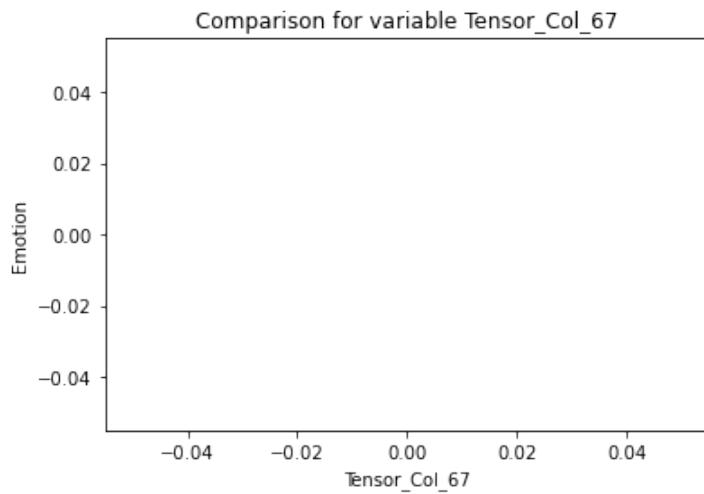
<Figure size 1440x432 with 0 Axes>



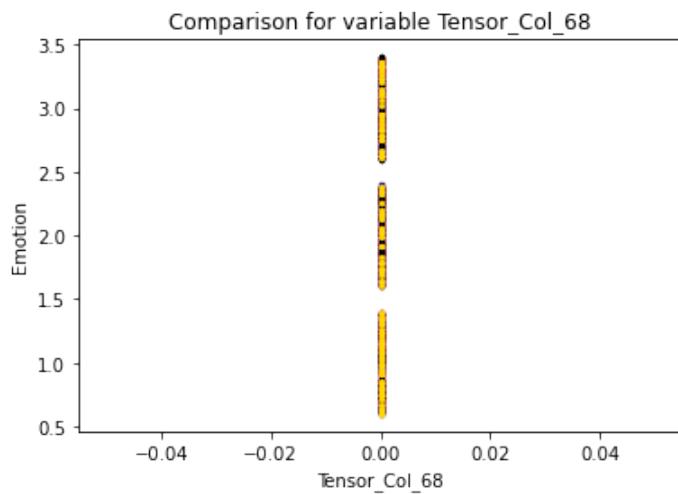
<Figure size 1440x432 with 0 Axes>



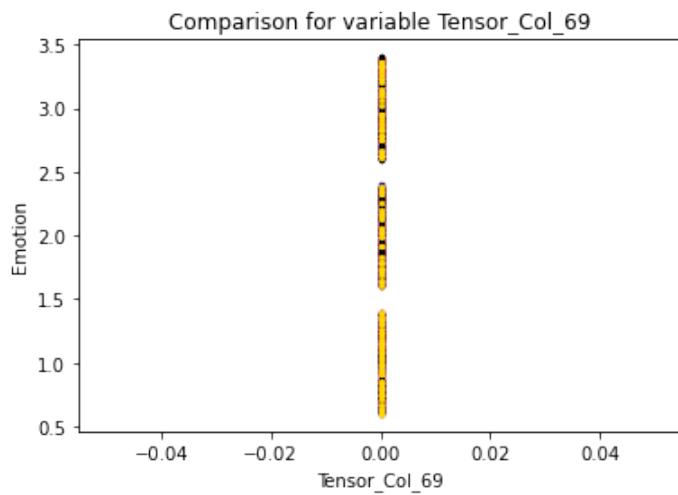
<Figure size 1440x432 with 0 Axes>



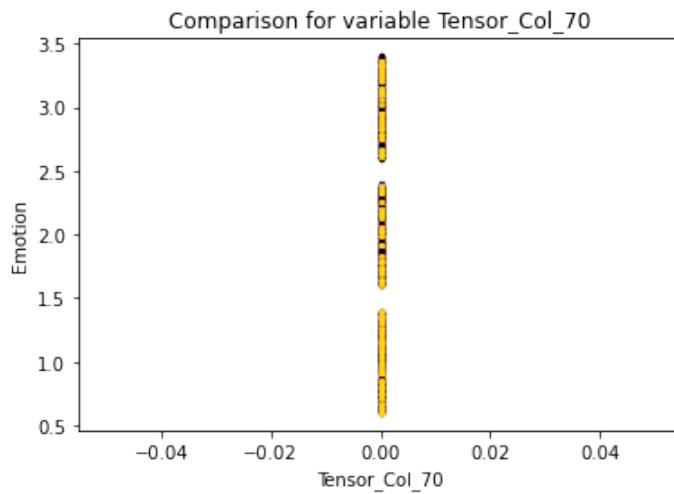
<Figure size 1440x432 with 0 Axes>



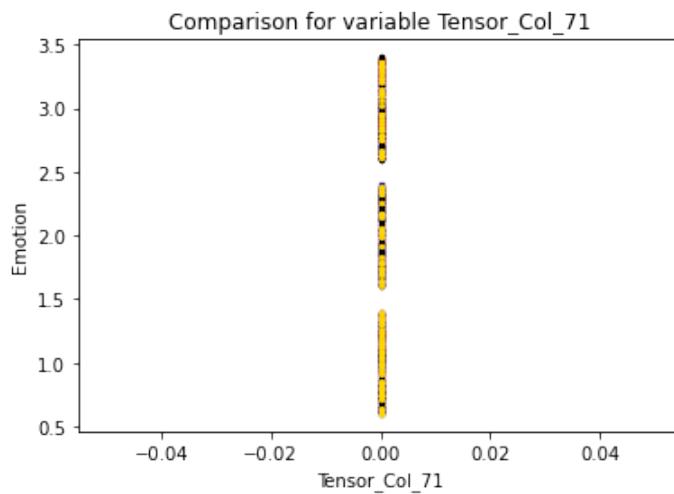
<Figure size 1440x432 with 0 Axes>



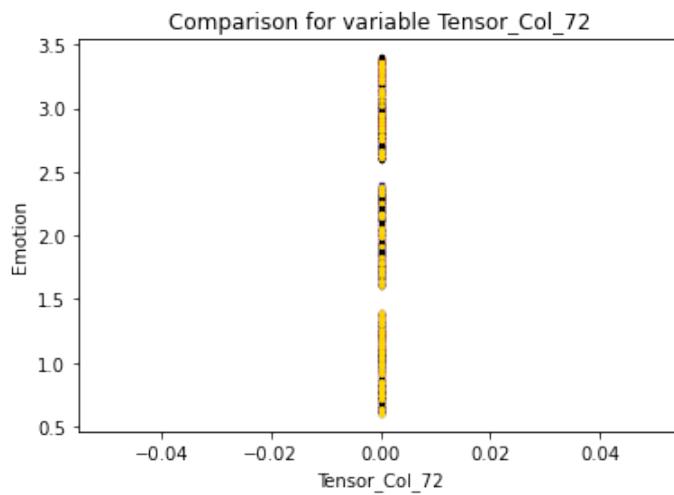
<Figure size 1440x432 with 0 Axes>



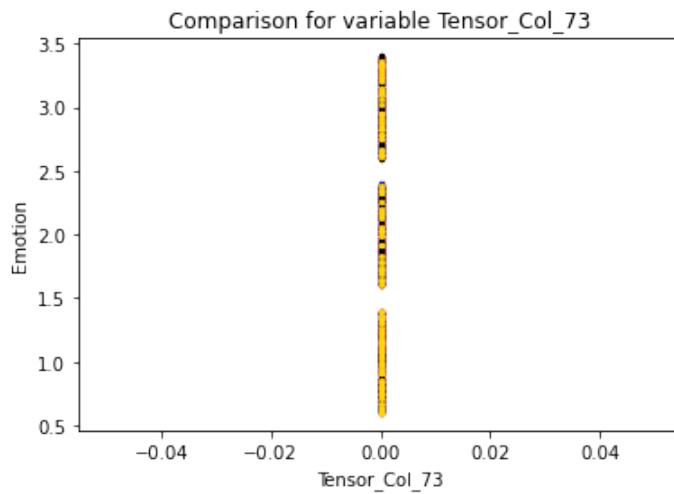
<Figure size 1440x432 with 0 Axes>



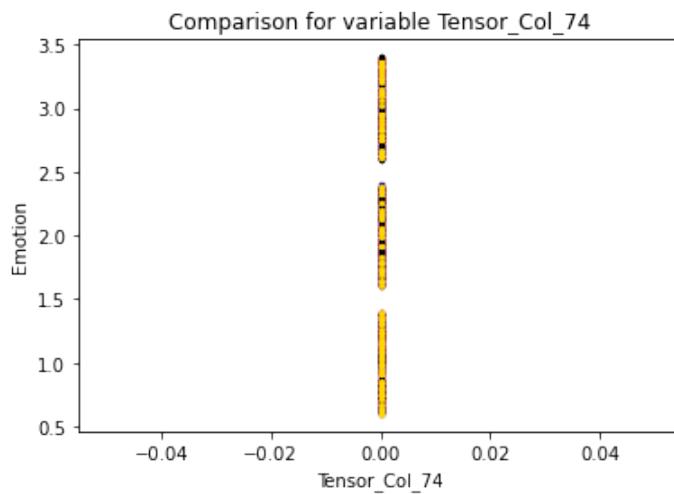
<Figure size 1440x432 with 0 Axes>



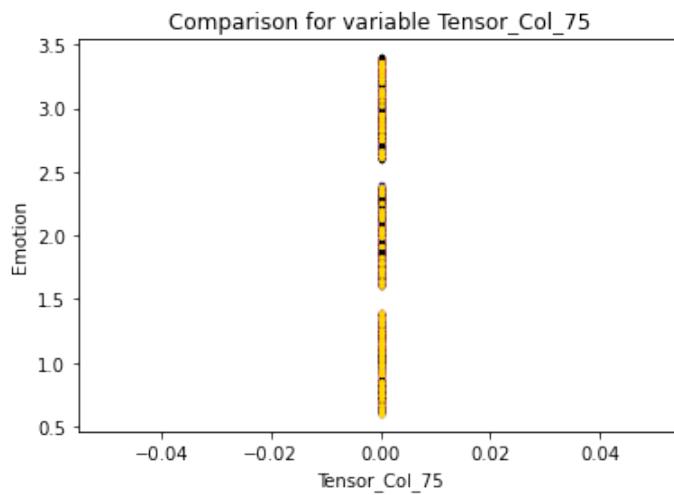
<Figure size 1440x432 with 0 Axes>



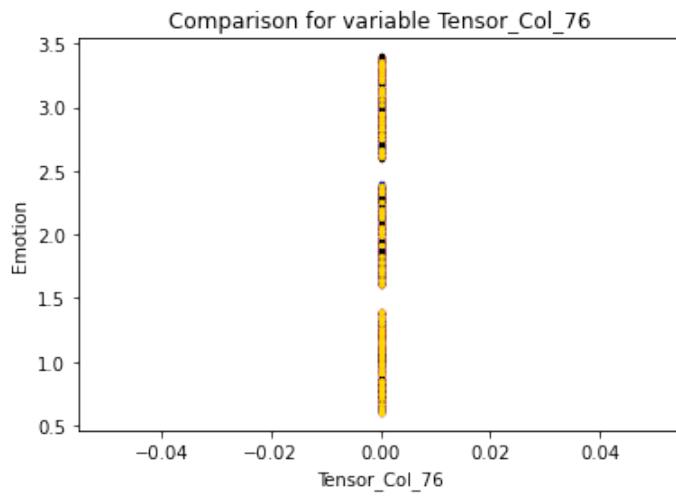
<Figure size 1440x432 with 0 Axes>



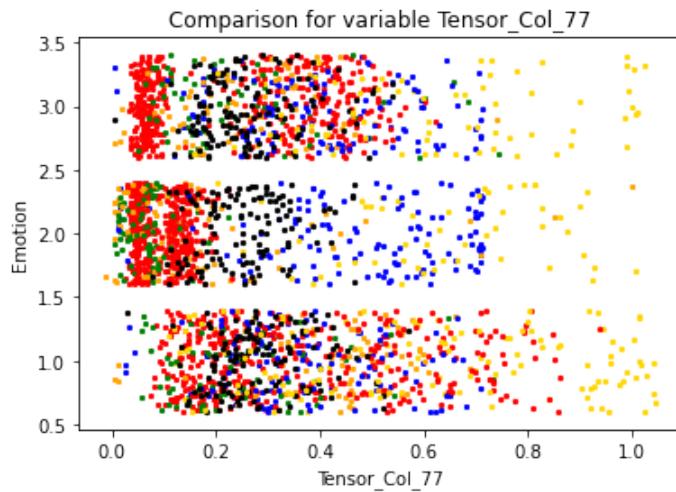
<Figure size 1440x432 with 0 Axes>



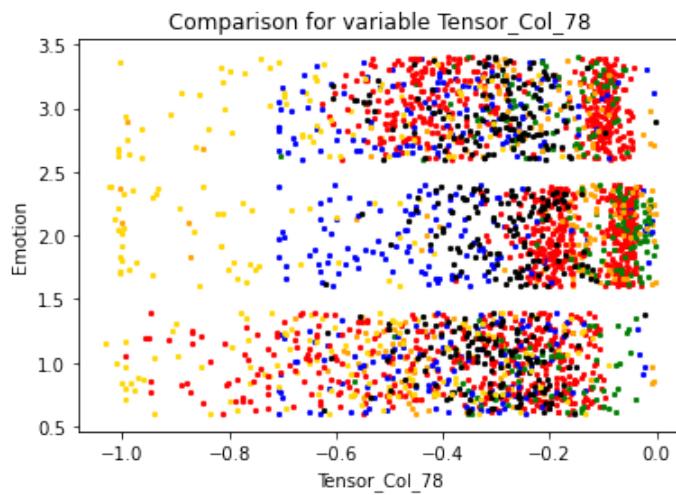
<Figure size 1440x432 with 0 Axes>



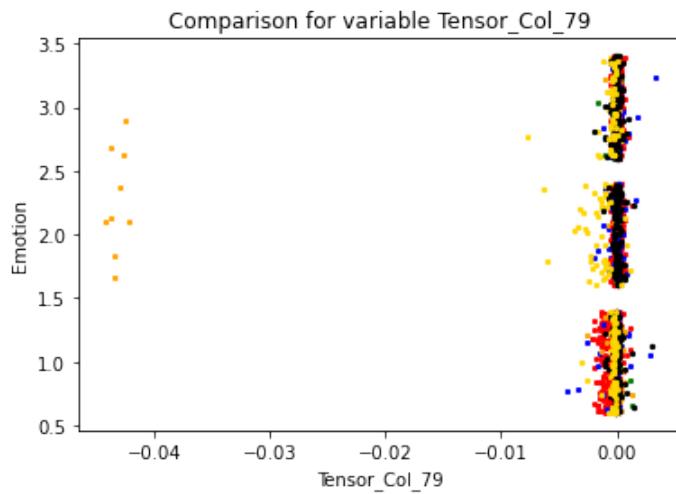
<Figure size 1440x432 with 0 Axes>



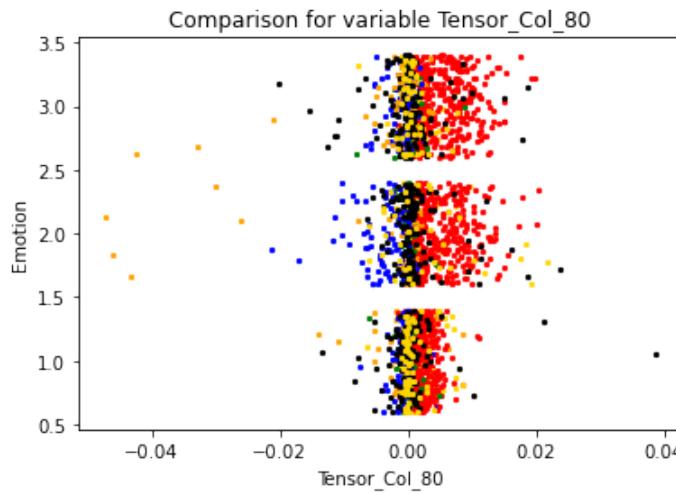
<Figure size 1440x432 with 0 Axes>



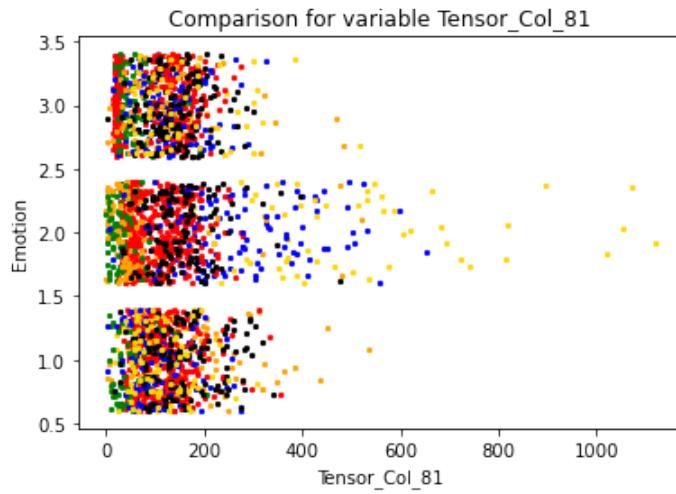
<Figure size 1440x432 with 0 Axes>



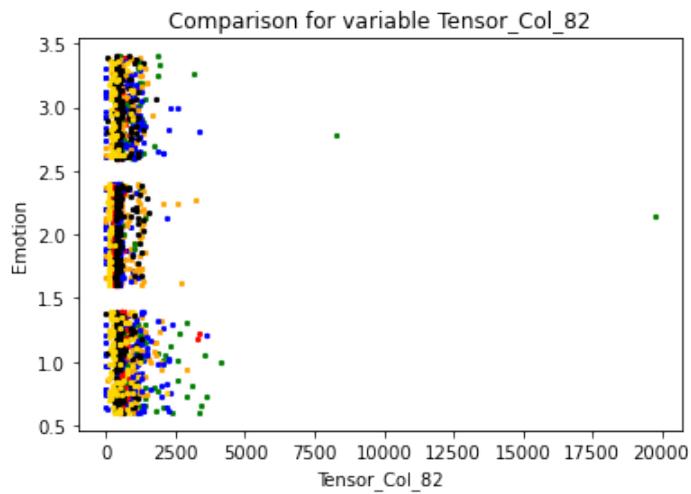
<Figure size 1440x432 with 0 Axes>



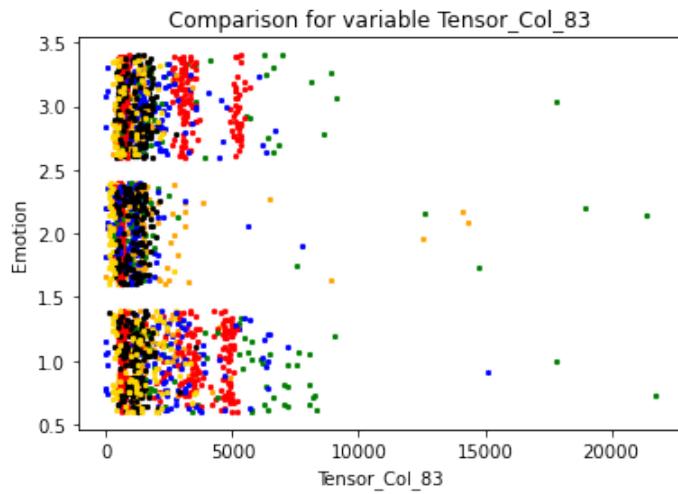
<Figure size 1440x432 with 0 Axes>



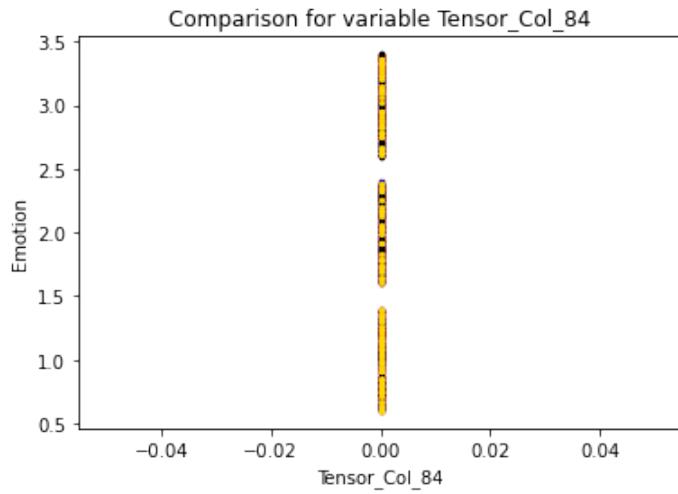
<Figure size 1440x432 with 0 Axes>



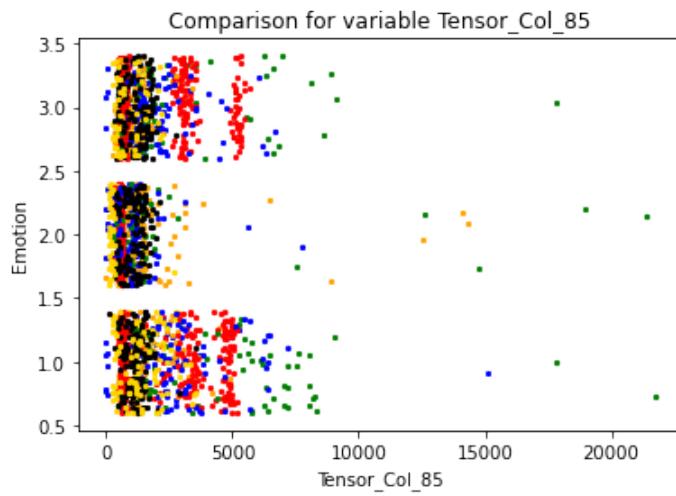
<Figure size 1440x432 with 0 Axes>



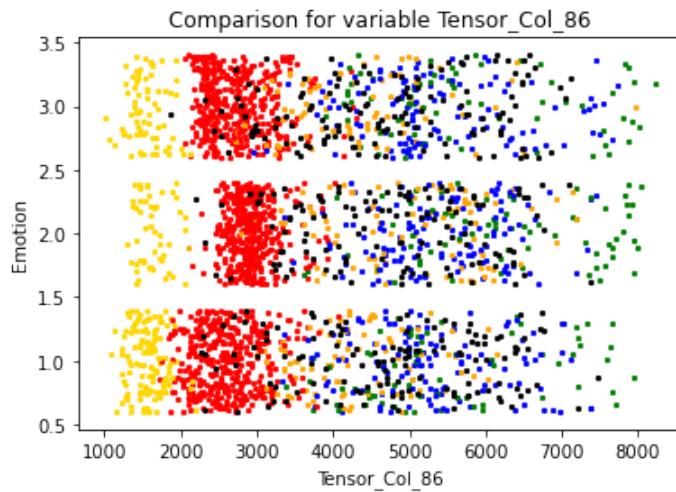
<Figure size 1440x432 with 0 Axes>



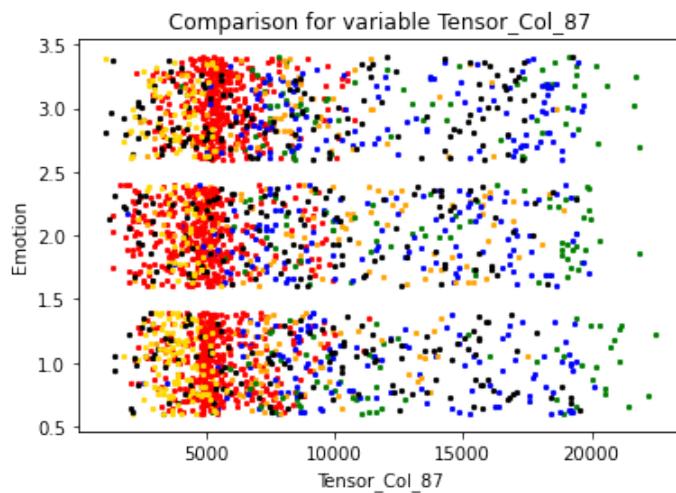
<Figure size 1440x432 with 0 Axes>



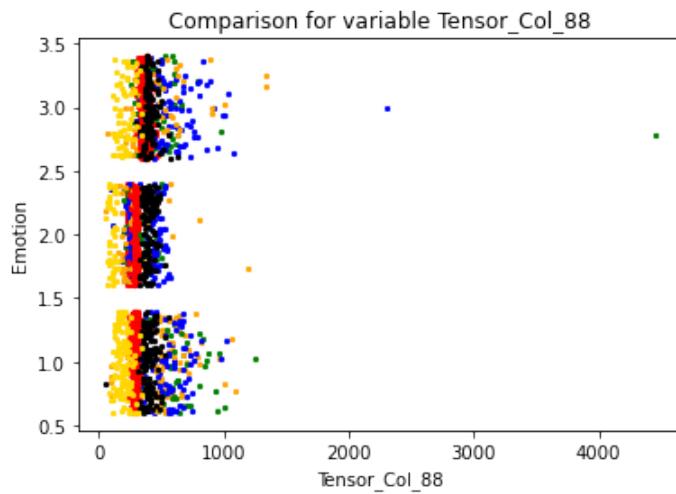
<Figure size 1440x432 with 0 Axes>



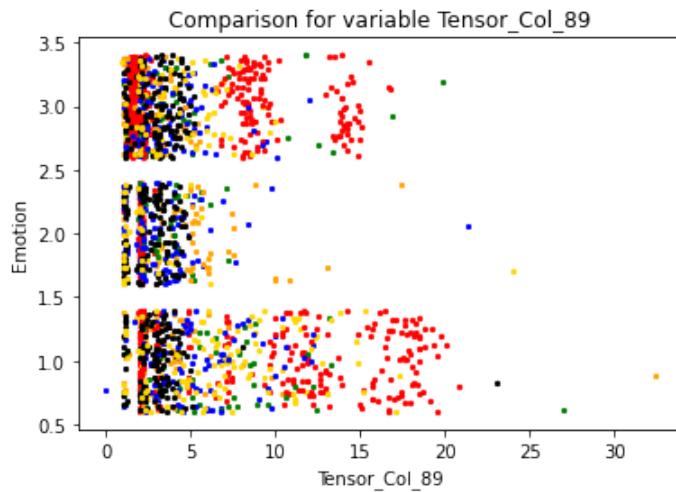
<Figure size 1440x432 with 0 Axes>



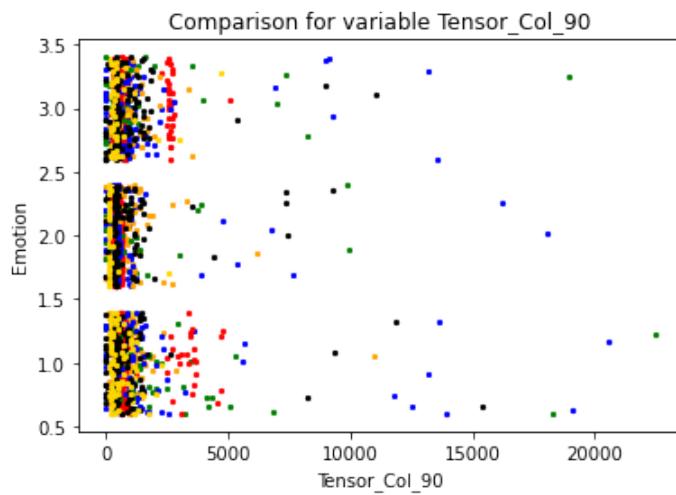
<Figure size 1440x432 with 0 Axes>



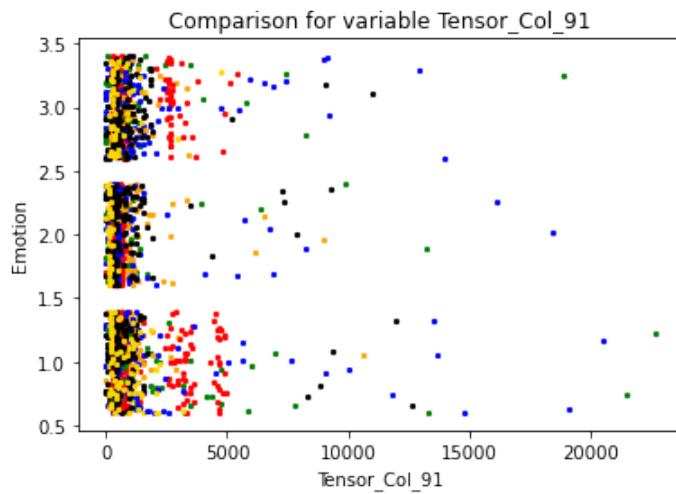
<Figure size 1440x432 with 0 Axes>



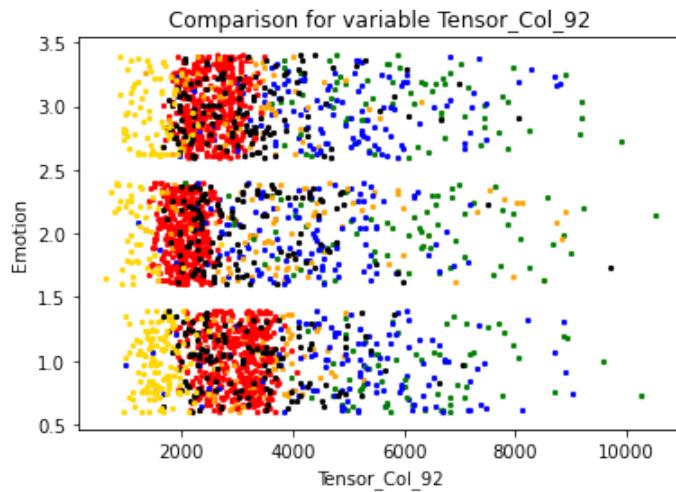
<Figure size 1440x432 with 0 Axes>



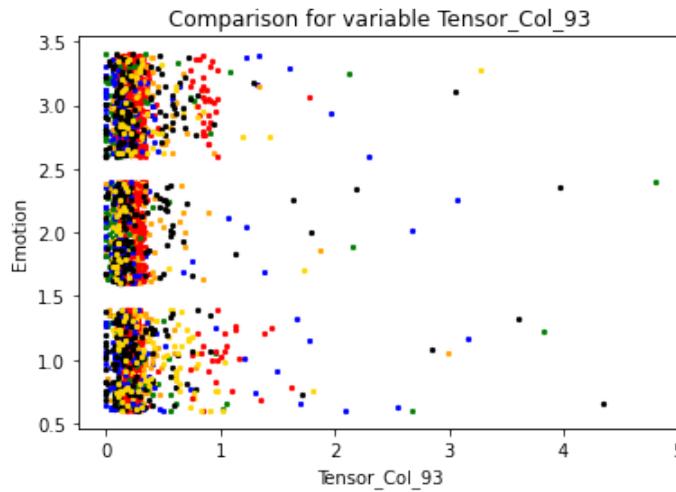
<Figure size 1440x432 with 0 Axes>



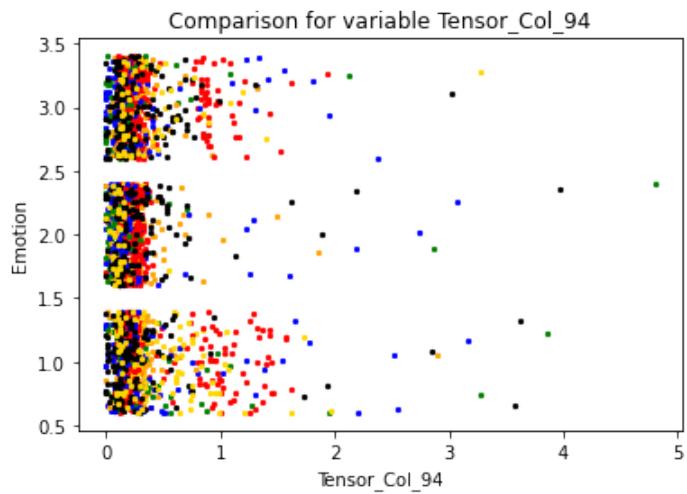
<Figure size 1440x432 with 0 Axes>



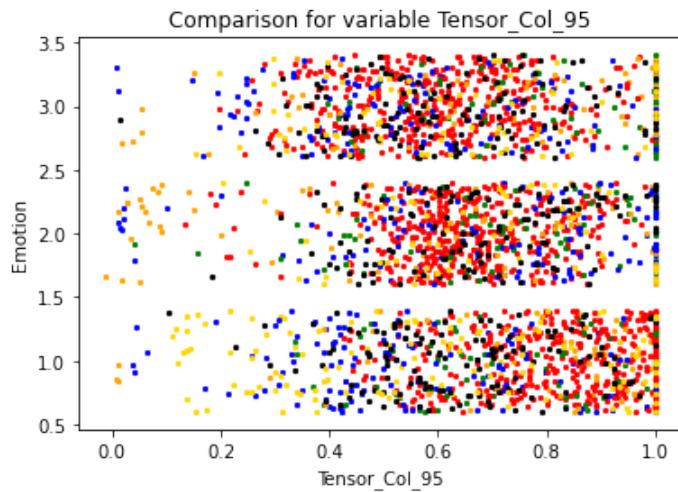
<Figure size 1440x432 with 0 Axes>



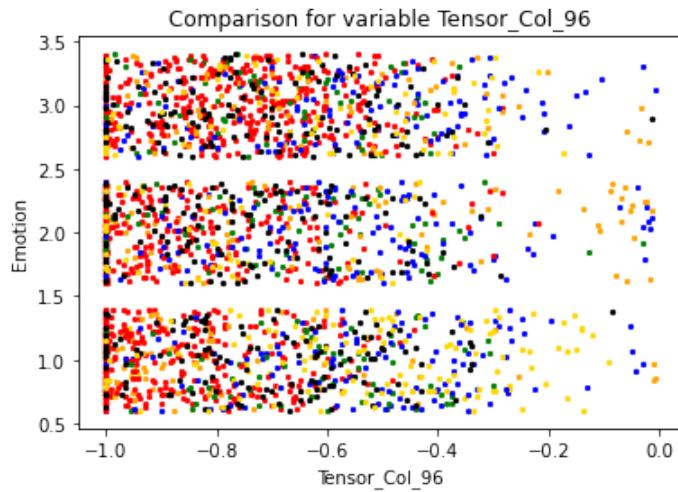
<Figure size 1440x432 with 0 Axes>



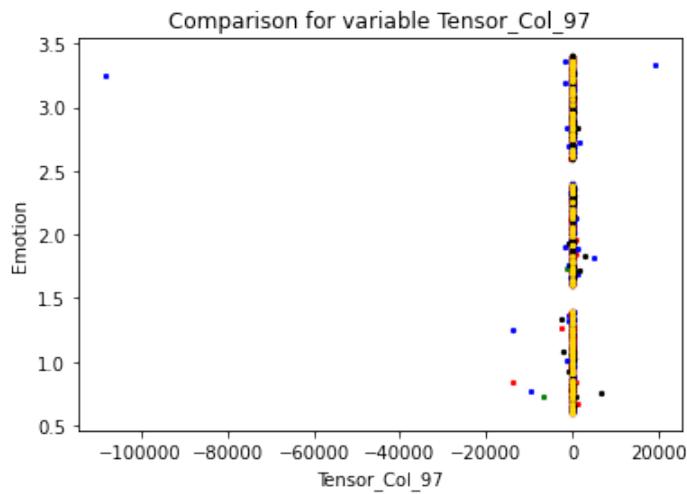
<Figure size 1440x432 with 0 Axes>



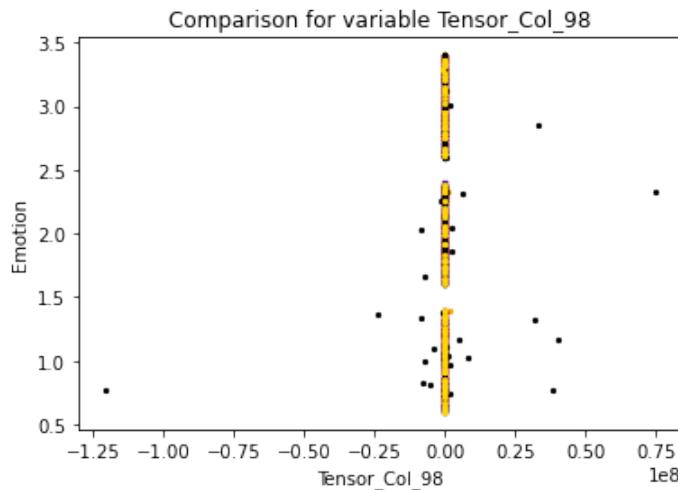
<Figure size 1440x432 with 0 Axes>



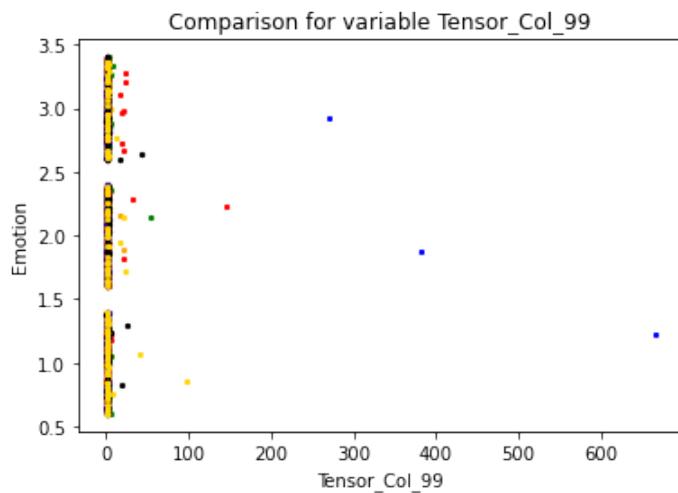
<Figure size 1440x432 with 0 Axes>



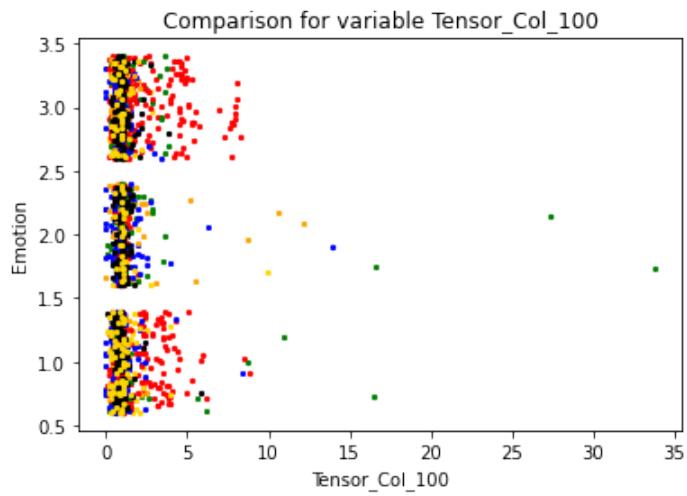
<Figure size 1440x432 with 0 Axes>



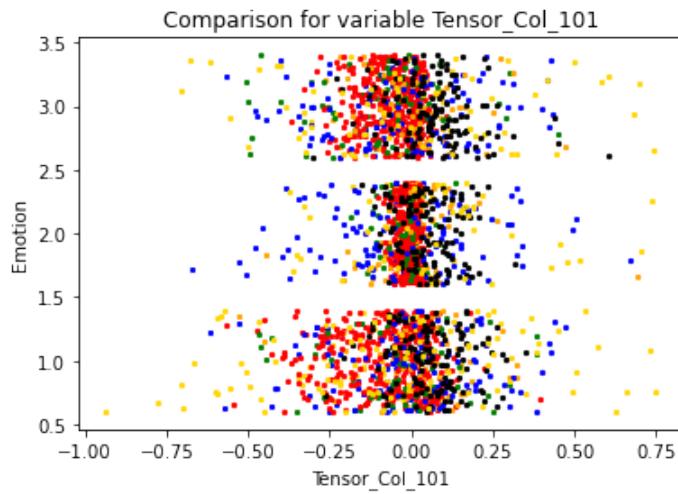
<Figure size 1440x432 with 0 Axes>



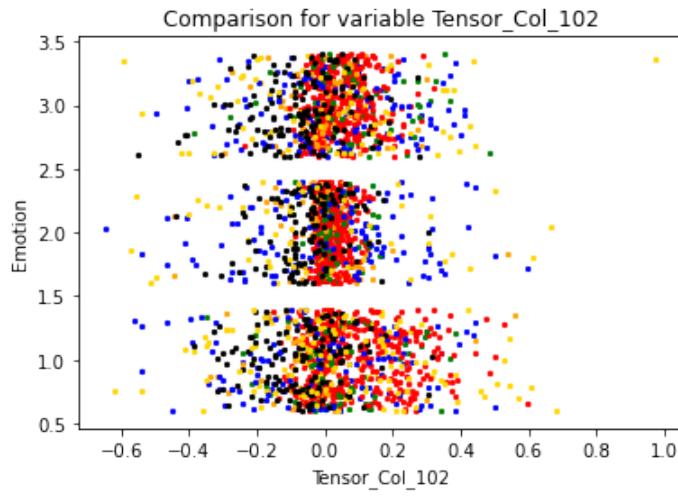
<Figure size 1440x432 with 0 Axes>



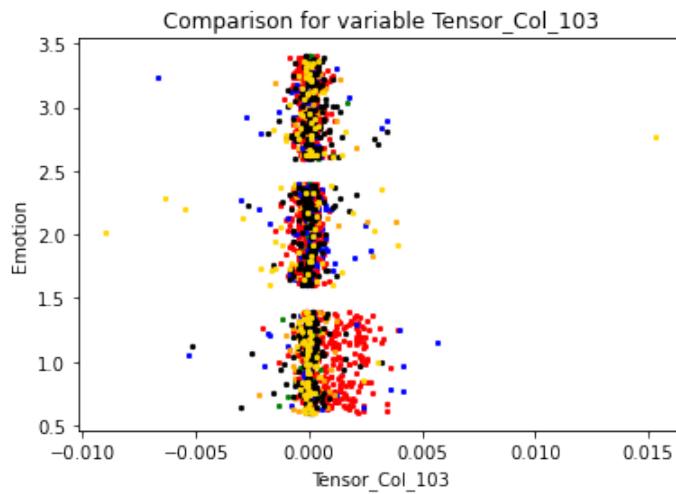
<Figure size 1440x432 with 0 Axes>



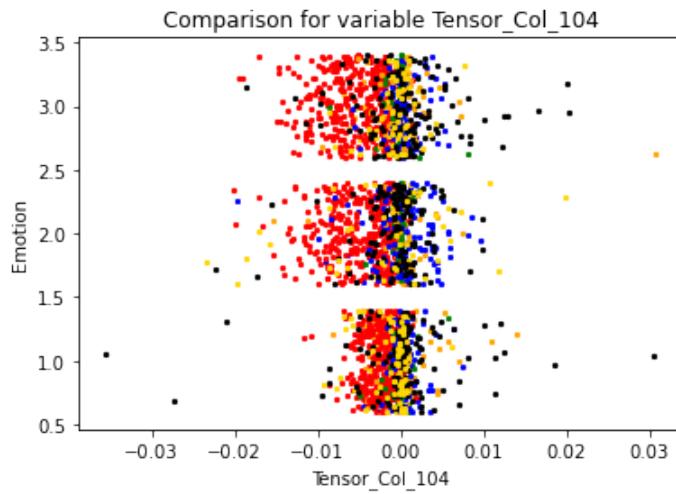
<Figure size 1440x432 with 0 Axes>



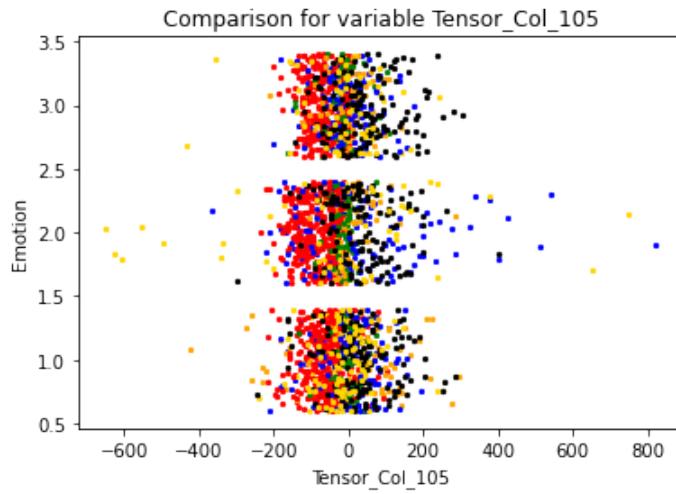
<Figure size 1440x432 with 0 Axes>



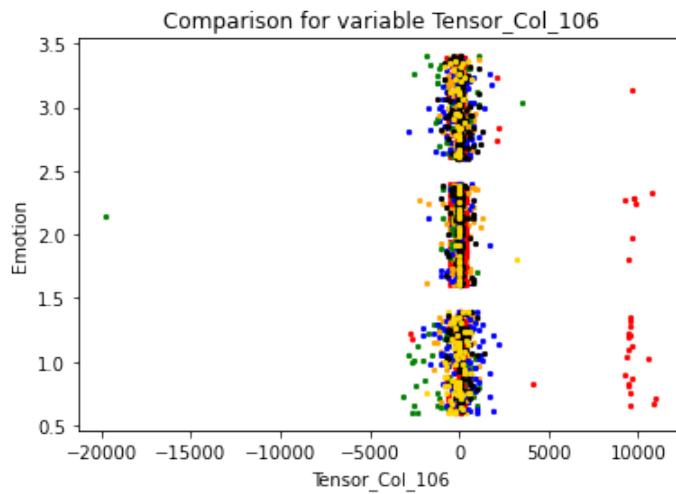
<Figure size 1440x432 with 0 Axes>



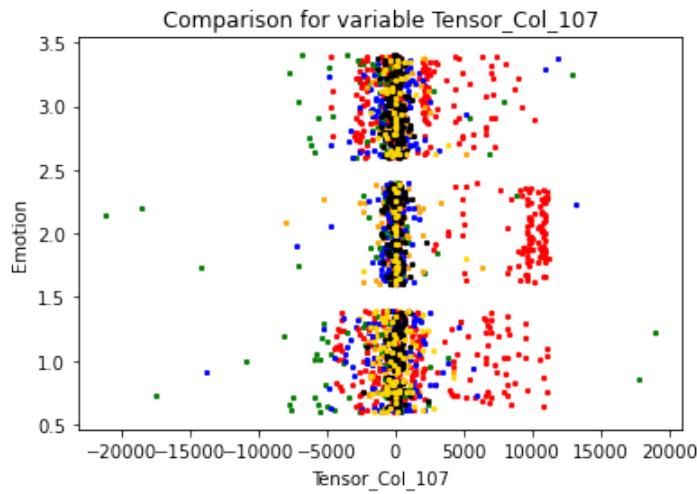
<Figure size 1440x432 with 0 Axes>



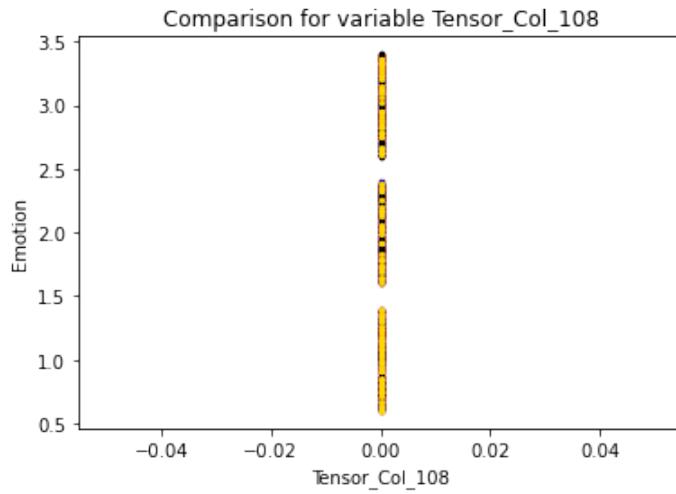
<Figure size 1440x432 with 0 Axes>



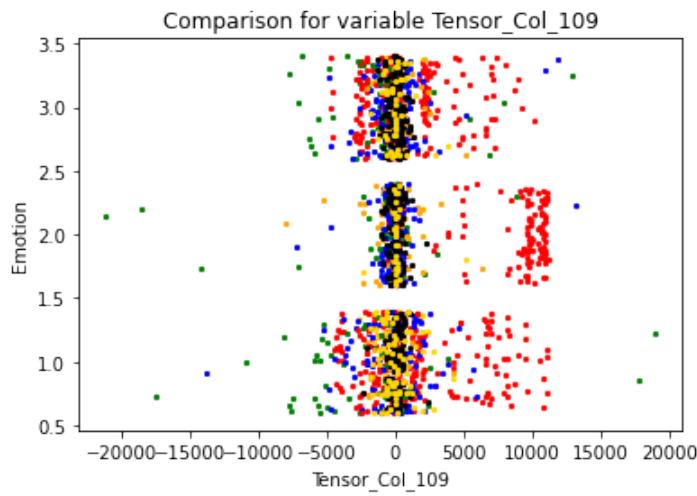
<Figure size 1440x432 with 0 Axes>



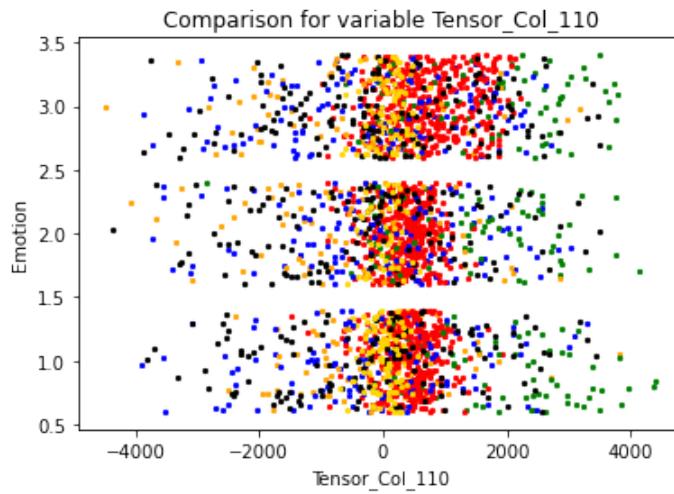
<Figure size 1440x432 with 0 Axes>



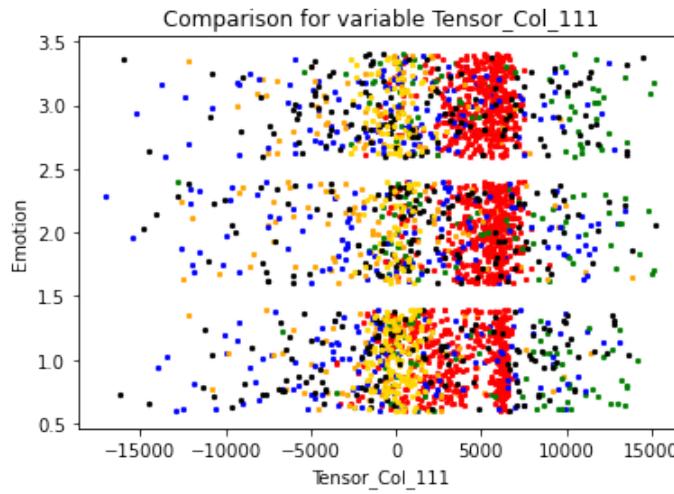
<Figure size 1440x432 with 0 Axes>



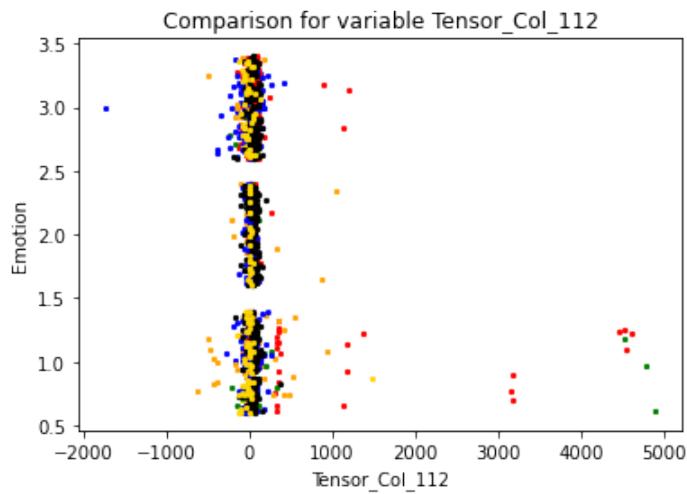
<Figure size 1440x432 with 0 Axes>



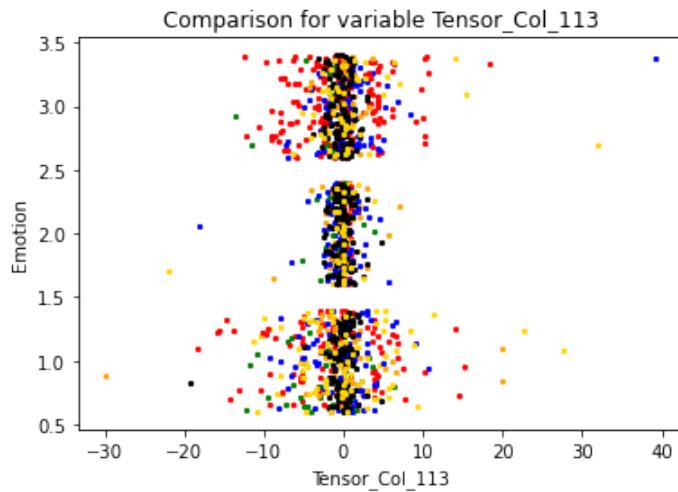
<Figure size 1440x432 with 0 Axes>



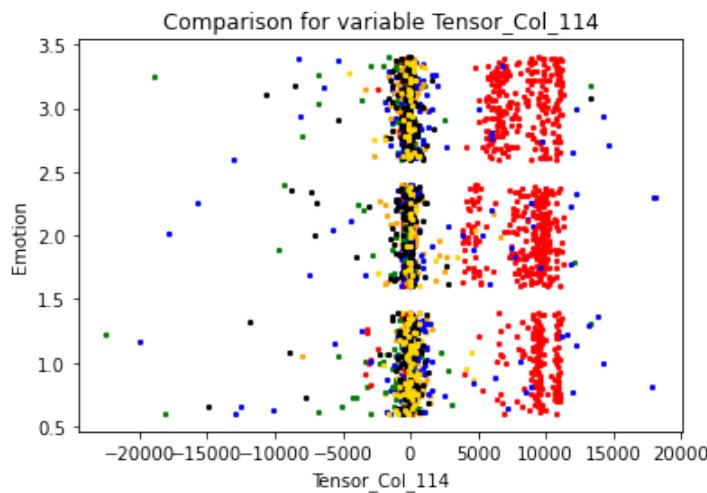
<Figure size 1440x432 with 0 Axes>



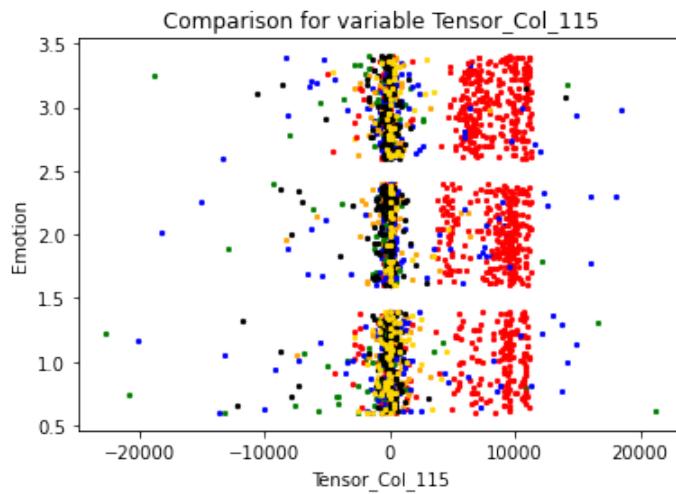
<Figure size 1440x432 with 0 Axes>



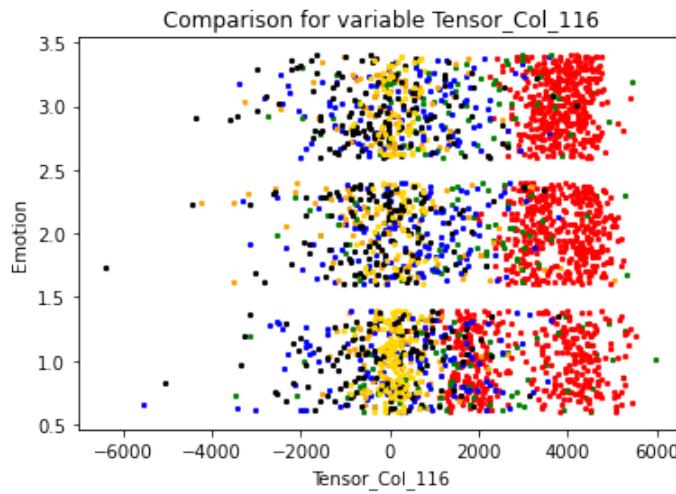
<Figure size 1440x432 with 0 Axes>



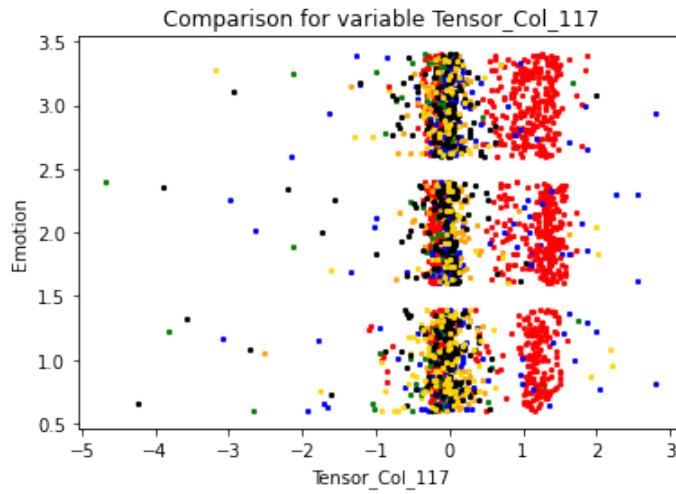
<Figure size 1440x432 with 0 Axes>



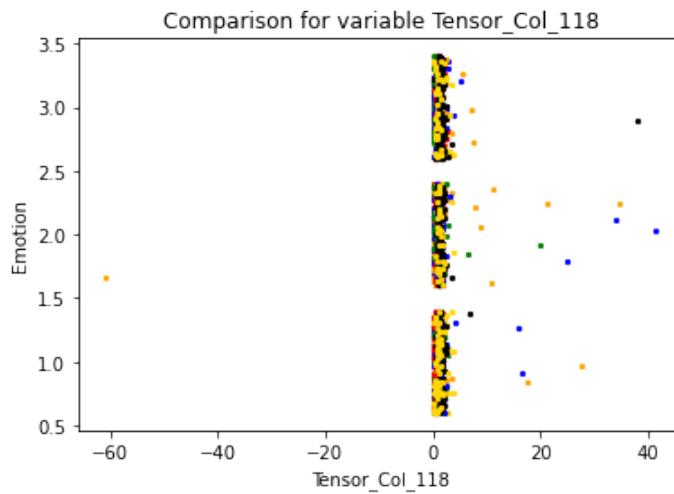
<Figure size 1440x432 with 0 Axes>



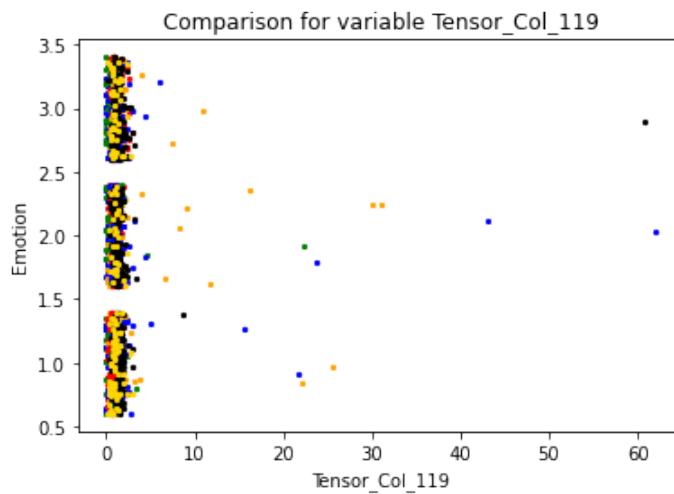
<Figure size 1440x432 with 0 Axes>



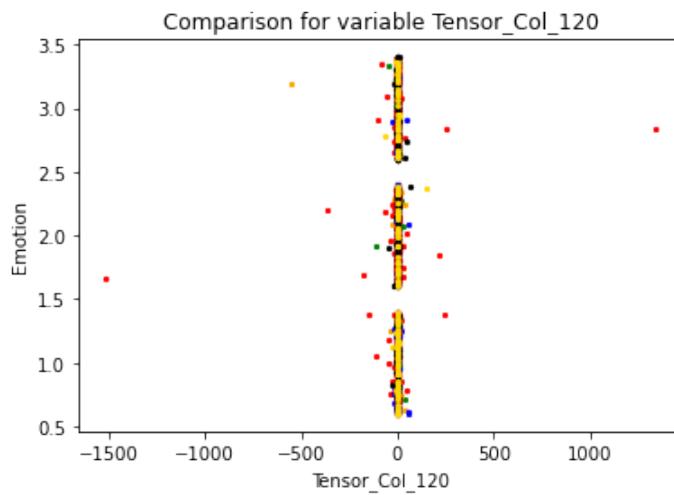
<Figure size 1440x432 with 0 Axes>



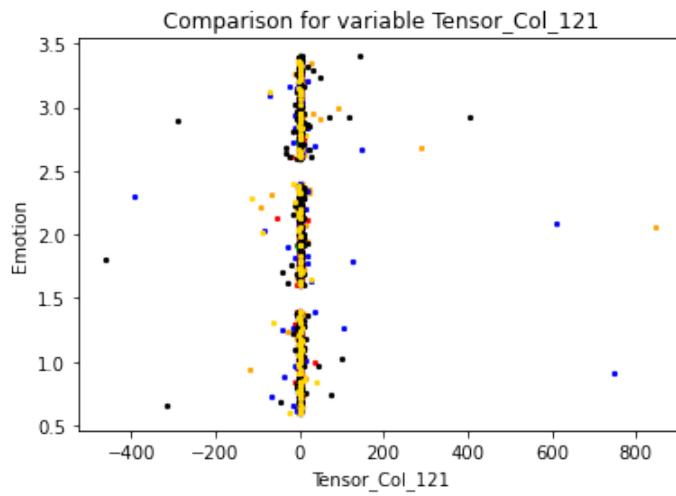
<Figure size 1440x432 with 0 Axes>



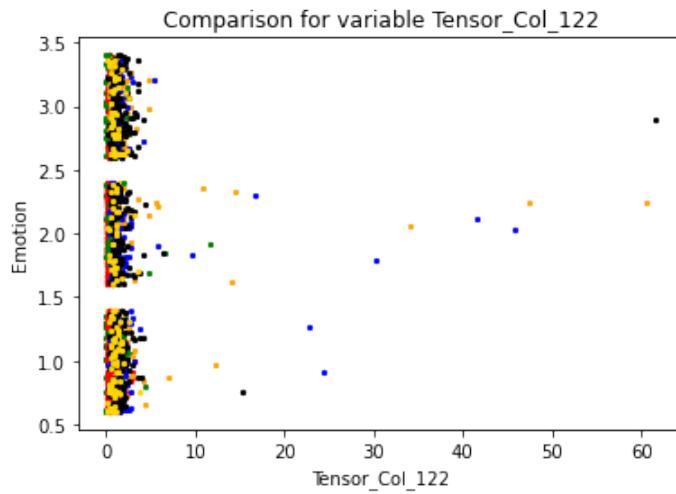
<Figure size 1440x432 with 0 Axes>



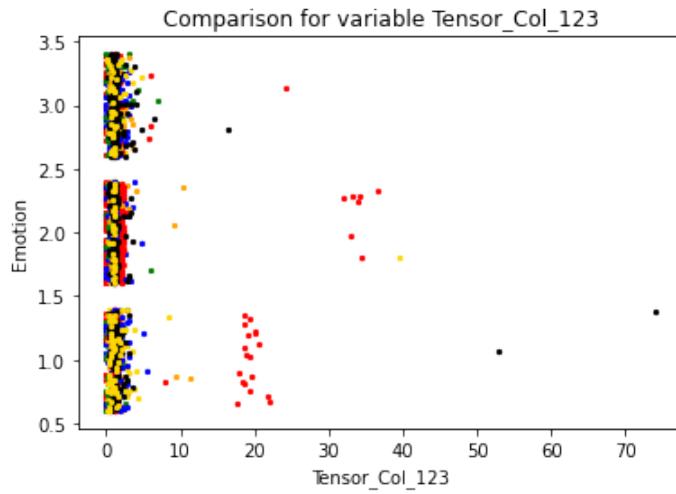
<Figure size 1440x432 with 0 Axes>



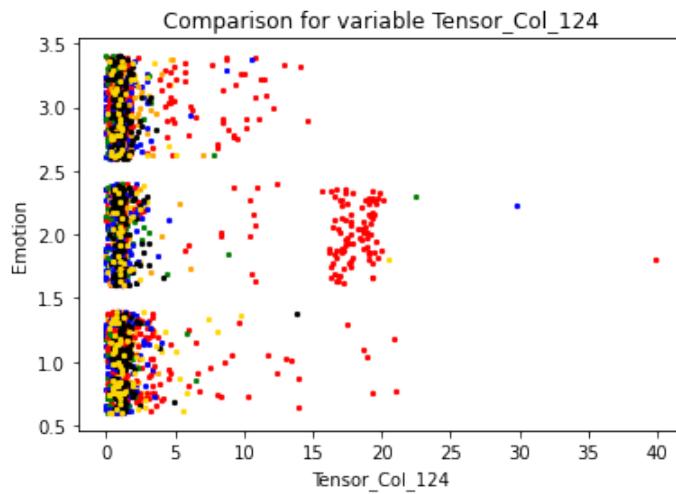
<Figure size 1440x432 with 0 Axes>



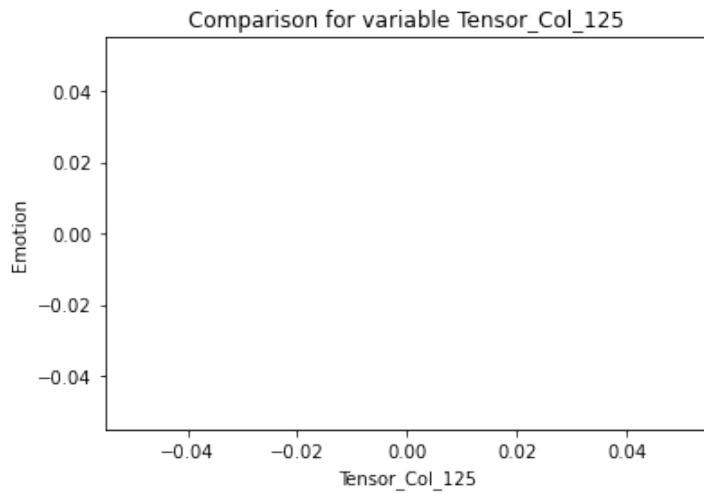
<Figure size 1440x432 with 0 Axes>



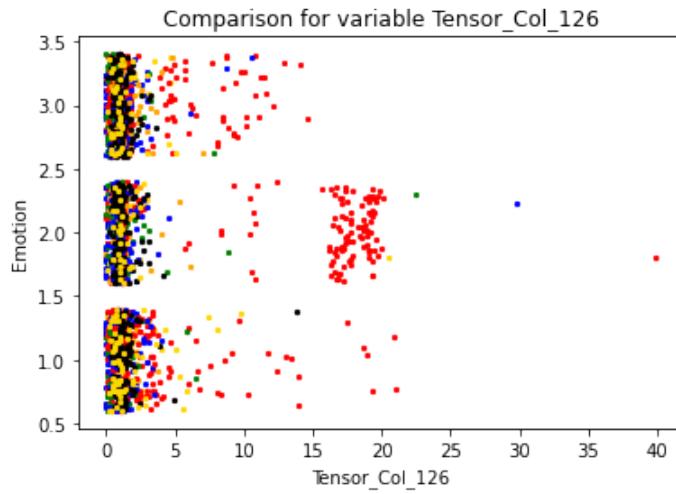
<Figure size 1440x432 with 0 Axes>



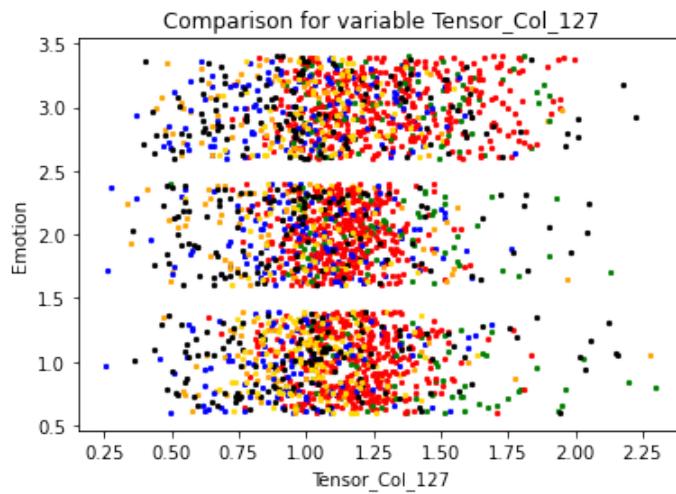
<Figure size 1440x432 with 0 Axes>



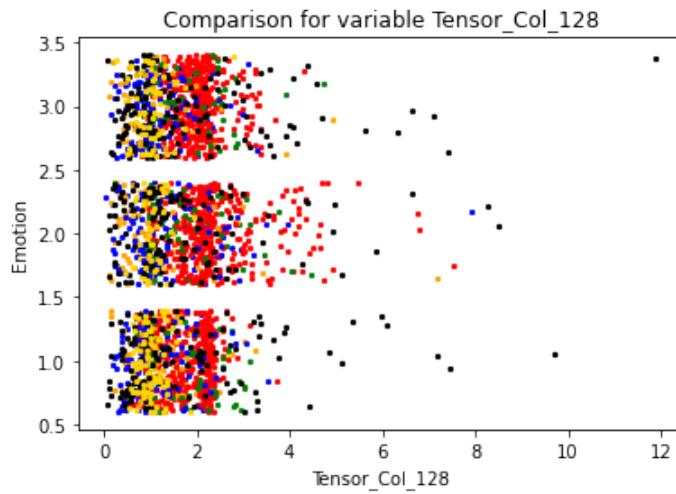
<Figure size 1440x432 with 0 Axes>



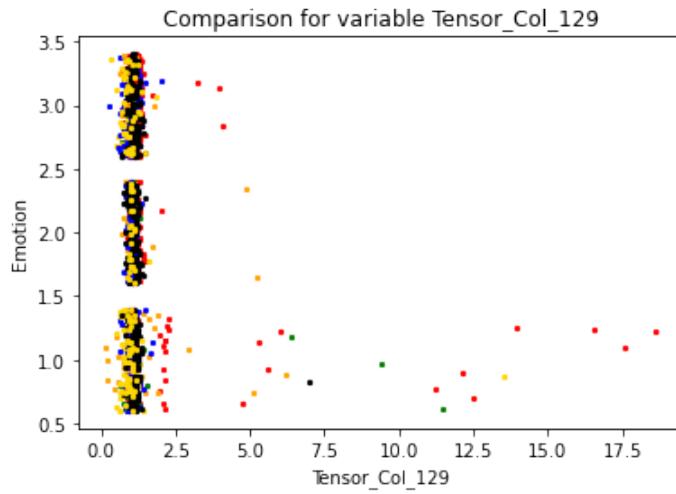
<Figure size 1440x432 with 0 Axes>



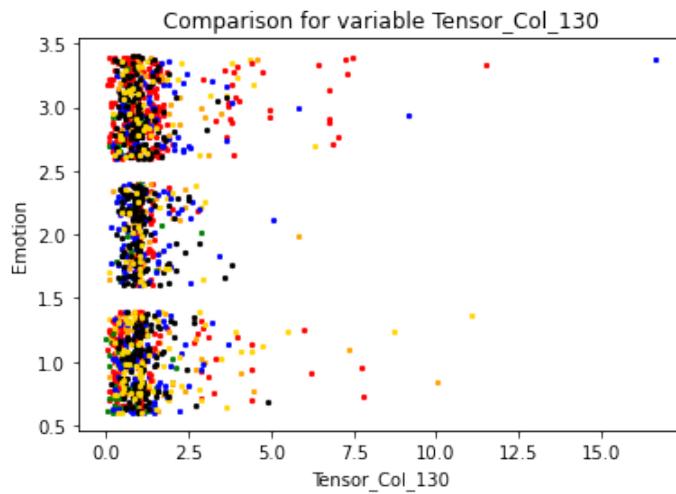
<Figure size 1440x432 with 0 Axes>



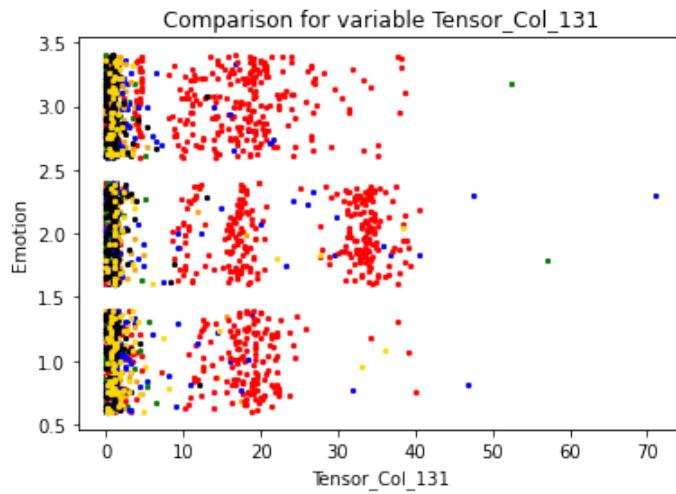
<Figure size 1440x432 with 0 Axes>



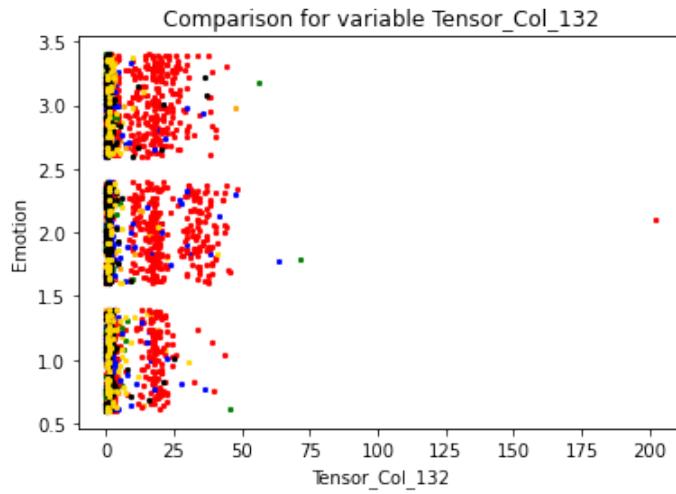
<Figure size 1440x432 with 0 Axes>



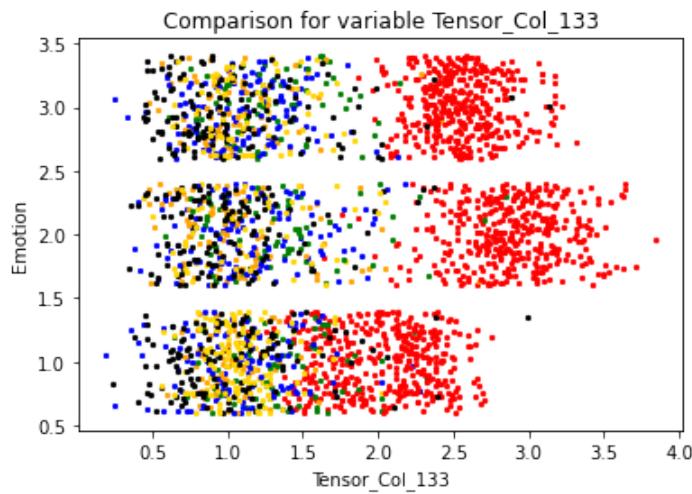
<Figure size 1440x432 with 0 Axes>



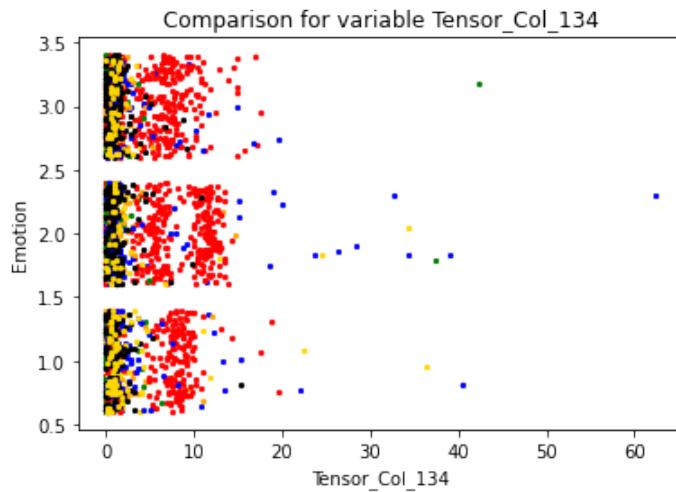
<Figure size 1440x432 with 0 Axes>



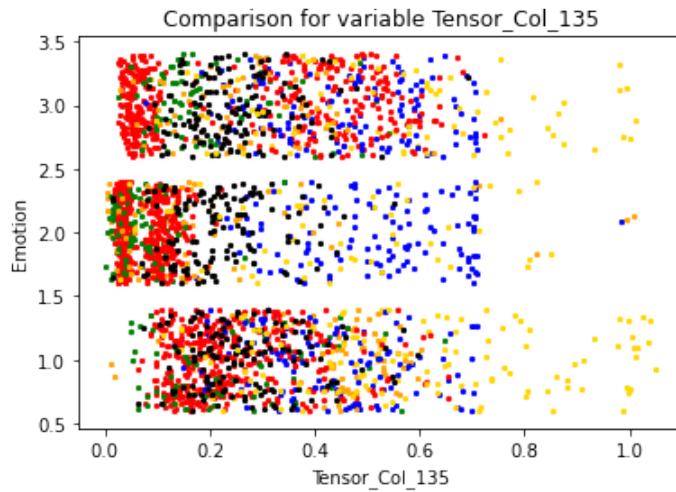
<Figure size 1440x432 with 0 Axes>



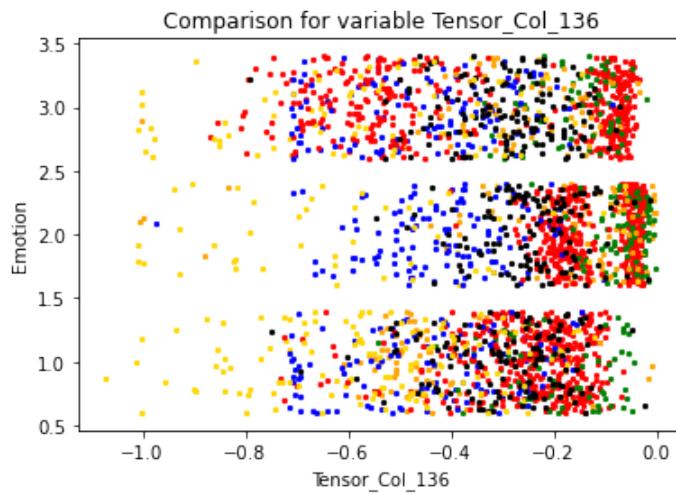
<Figure size 1440x432 with 0 Axes>



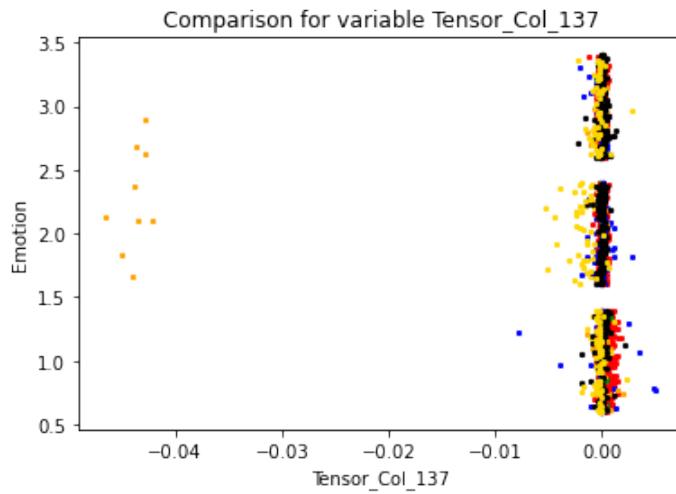
<Figure size 1440x432 with 0 Axes>



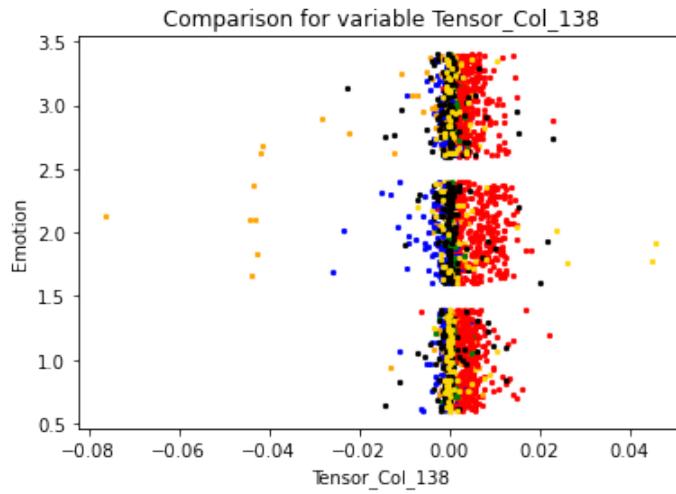
<Figure size 1440x432 with 0 Axes>



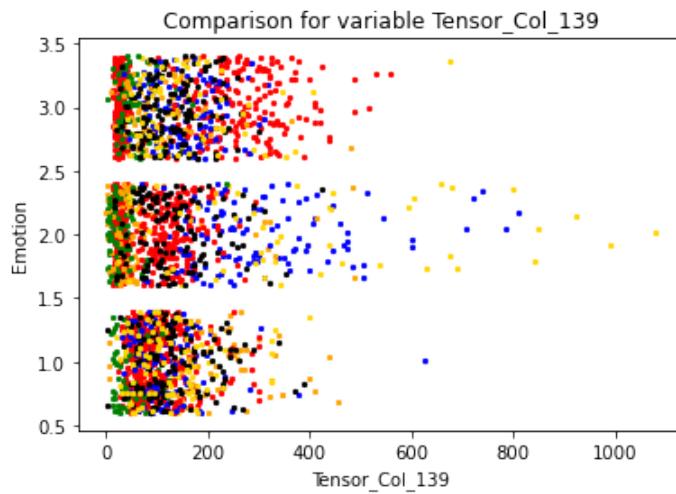
<Figure size 1440x432 with 0 Axes>



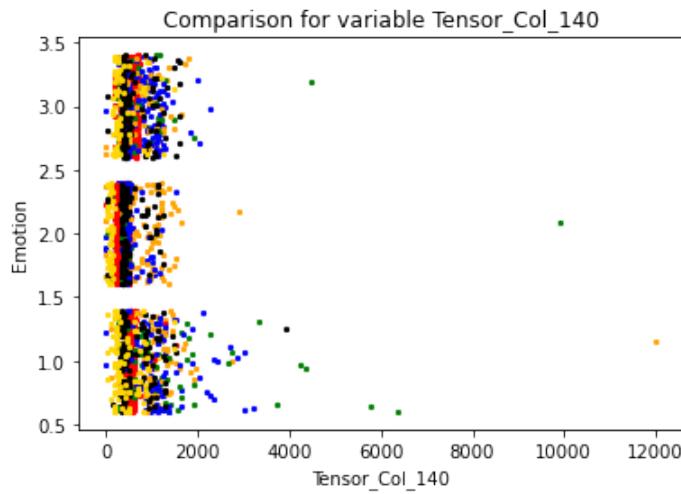
<Figure size 1440x432 with 0 Axes>



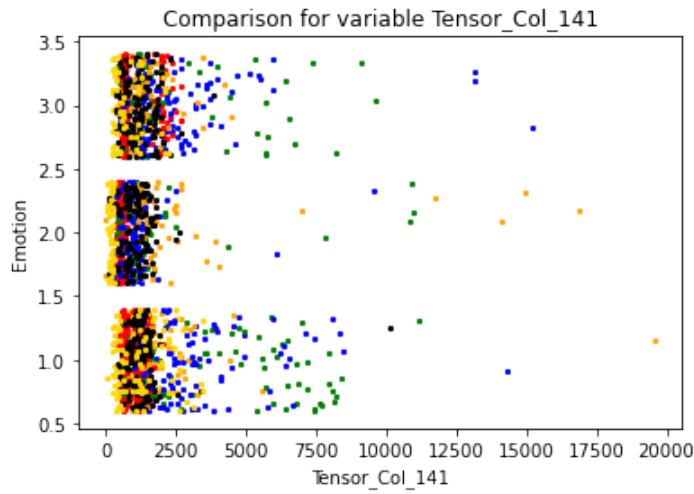
<Figure size 1440x432 with 0 Axes>



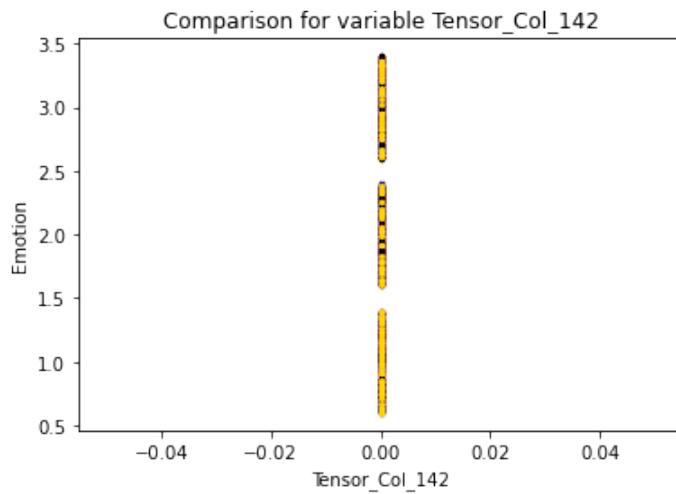
<Figure size 1440x432 with 0 Axes>



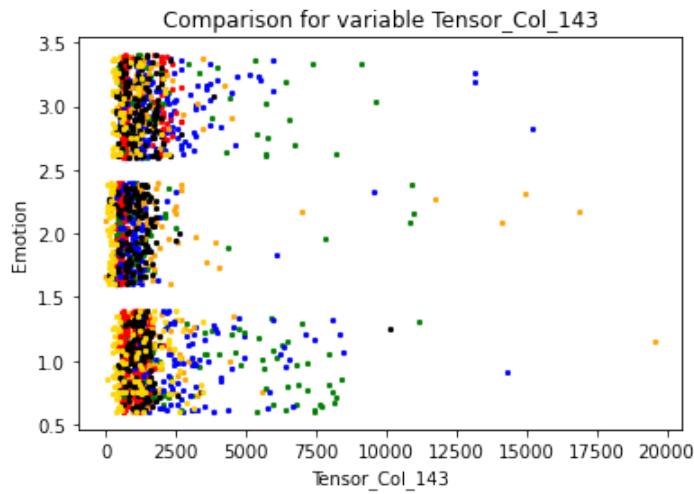
<Figure size 1440x432 with 0 Axes>



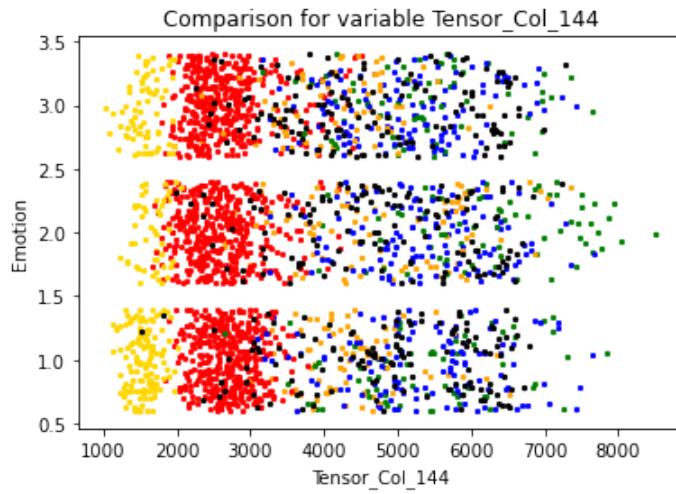
<Figure size 1440x432 with 0 Axes>



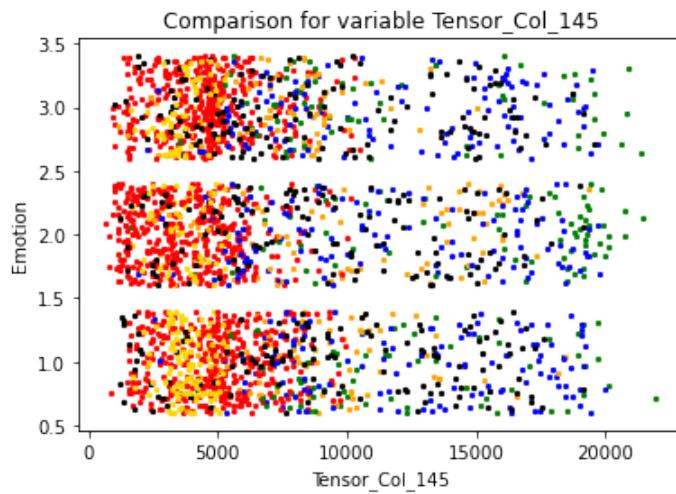
<Figure size 1440x432 with 0 Axes>



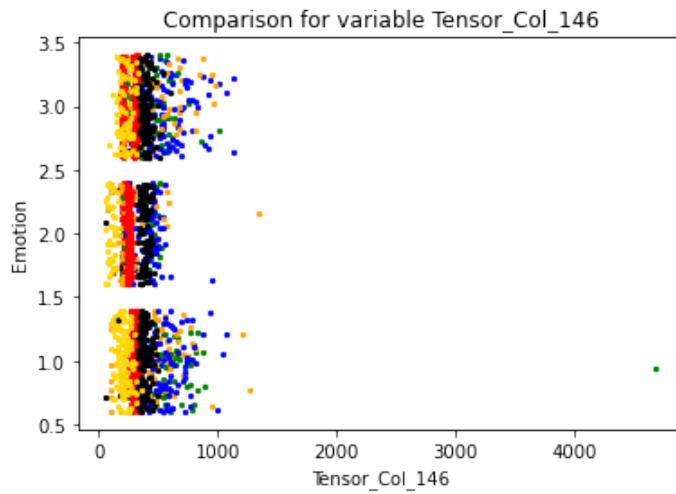
<Figure size 1440x432 with 0 Axes>



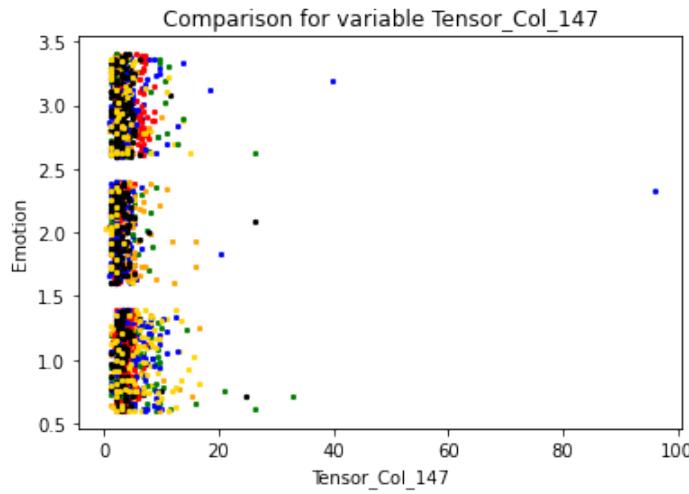
<Figure size 1440x432 with 0 Axes>



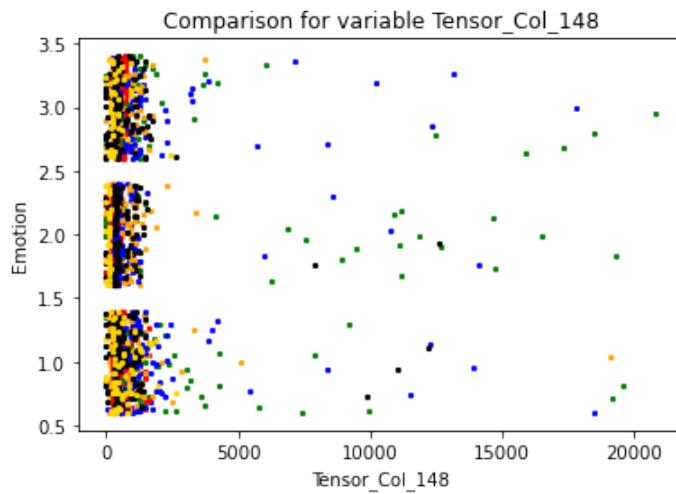
<Figure size 1440x432 with 0 Axes>



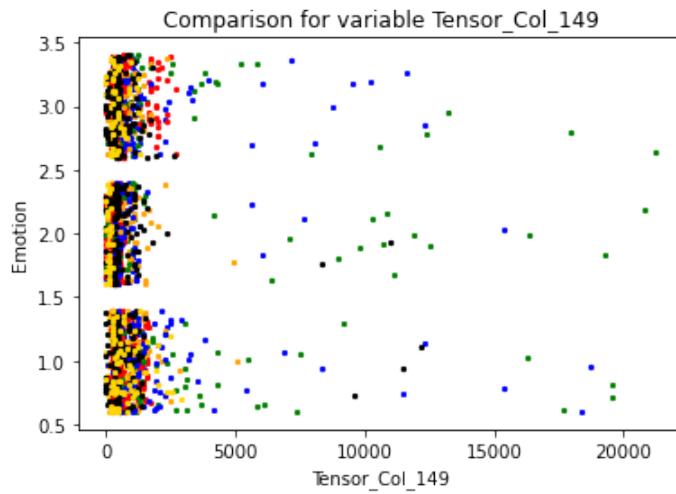
<Figure size 1440x432 with 0 Axes>



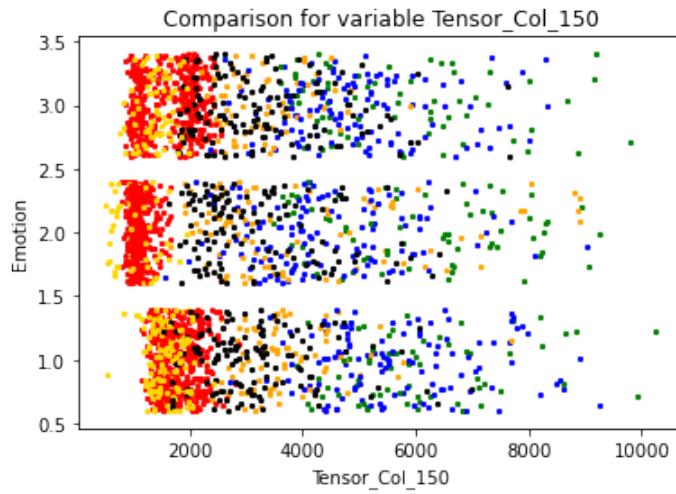
<Figure size 1440x432 with 0 Axes>



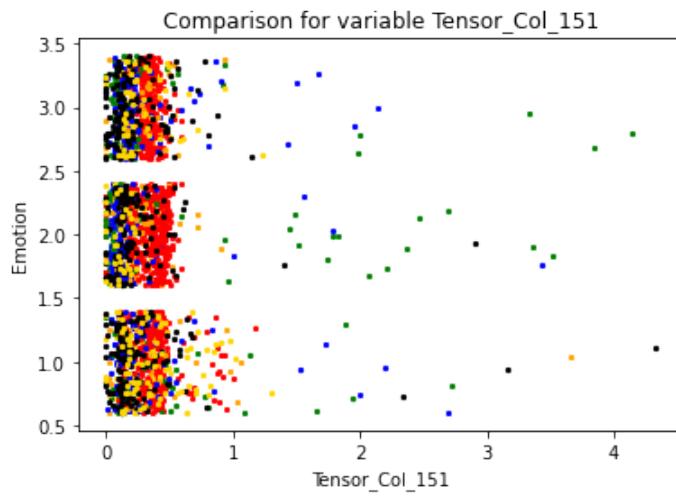
<Figure size 1440x432 with 0 Axes>



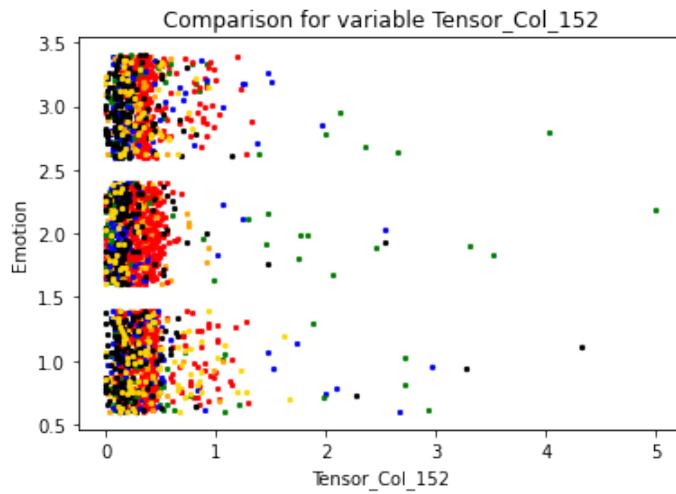
<Figure size 1440x432 with 0 Axes>



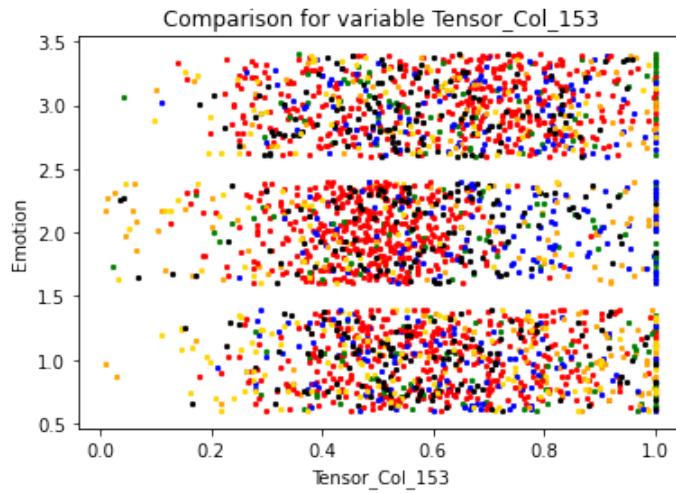
<Figure size 1440x432 with 0 Axes>



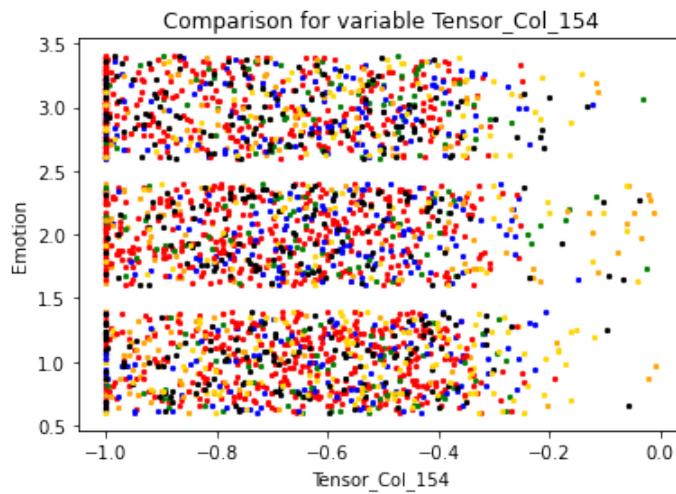
<Figure size 1440x432 with 0 Axes>



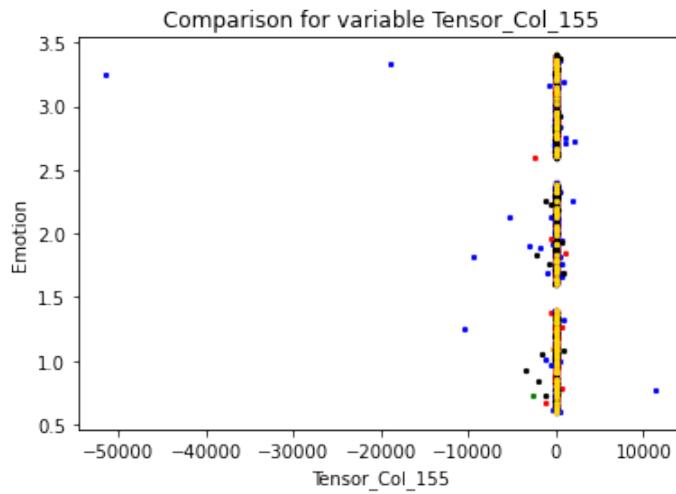
<Figure size 1440x432 with 0 Axes>



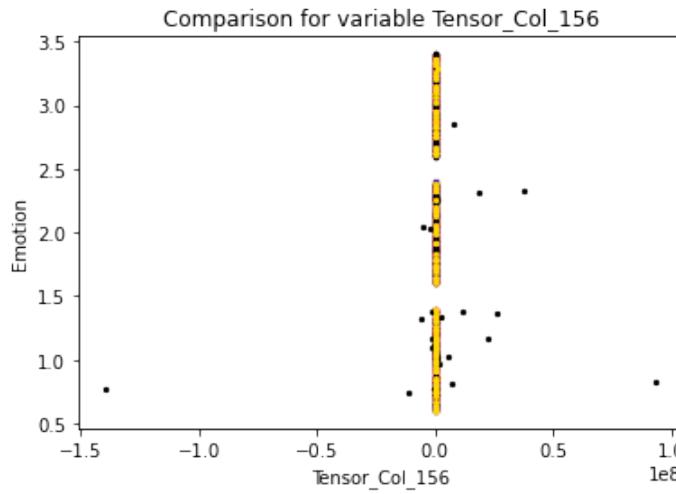
<Figure size 1440x432 with 0 Axes>



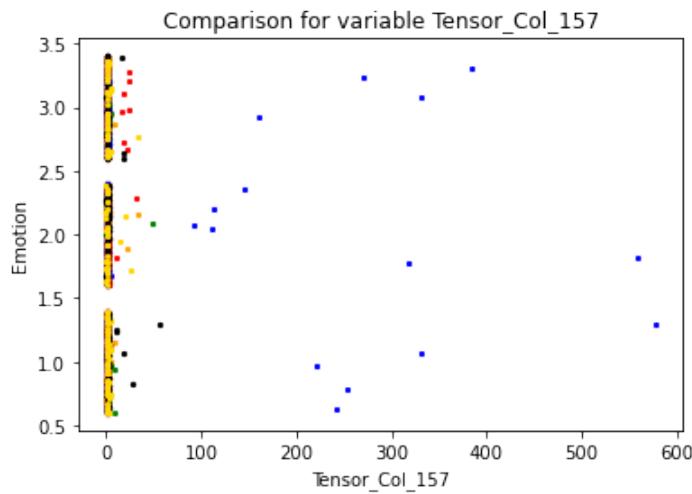
<Figure size 1440x432 with 0 Axes>



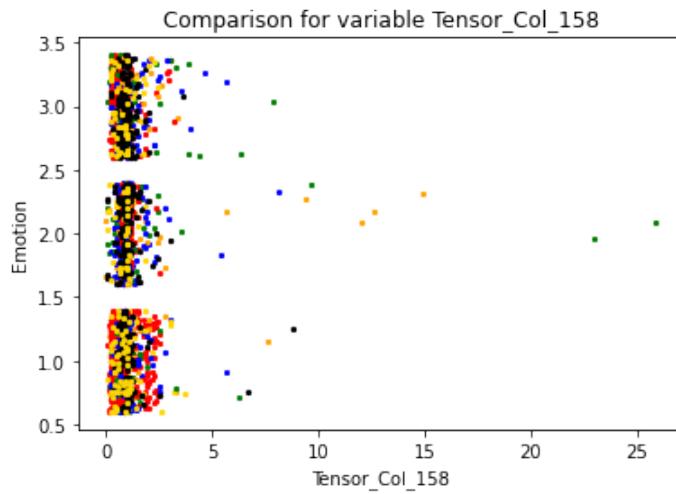
<Figure size 1440x432 with 0 Axes>



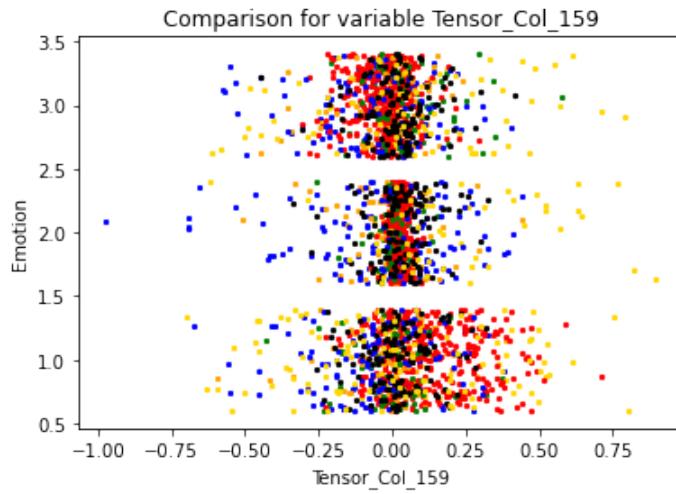
<Figure size 1440x432 with 0 Axes>



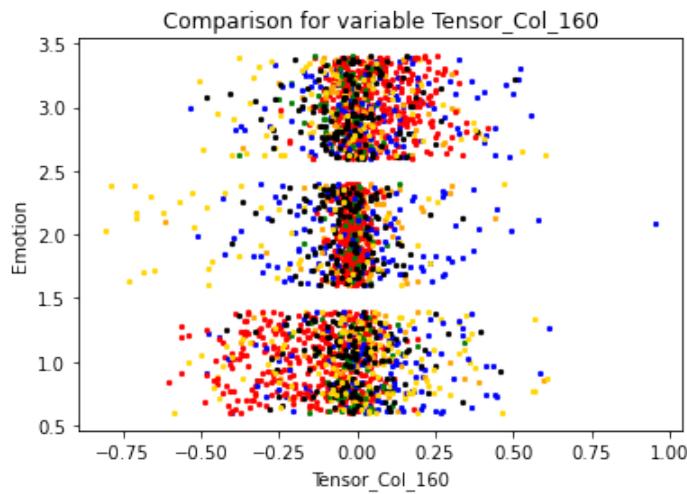
<Figure size 1440x432 with 0 Axes>



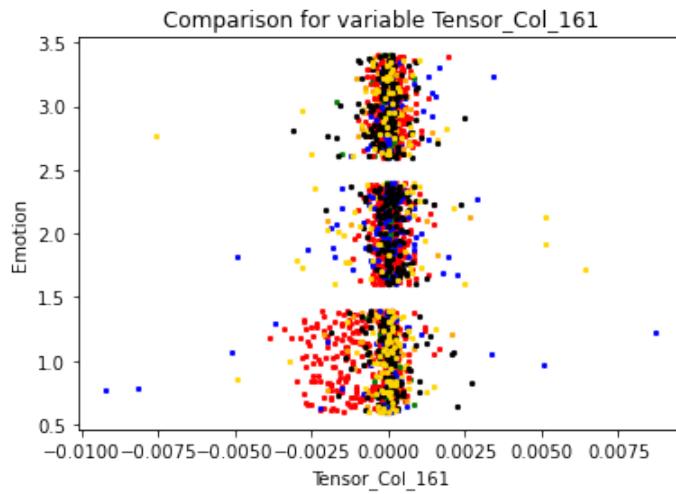
<Figure size 1440x432 with 0 Axes>



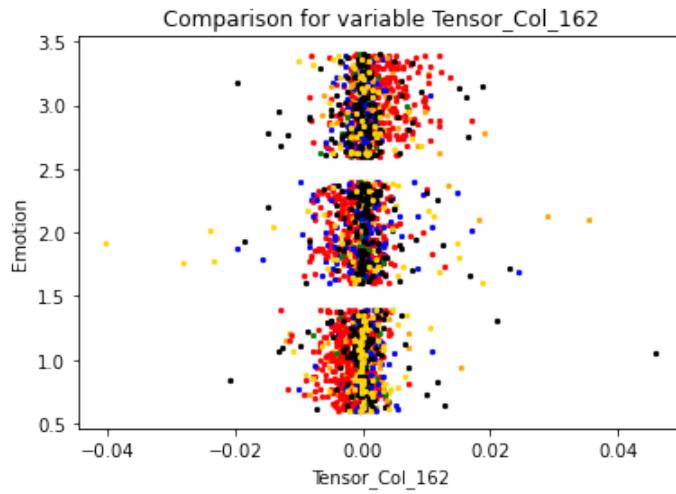
<Figure size 1440x432 with 0 Axes>



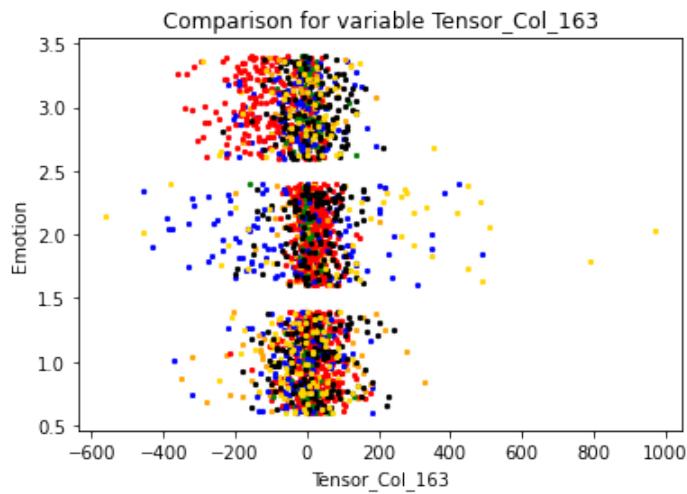
<Figure size 1440x432 with 0 Axes>



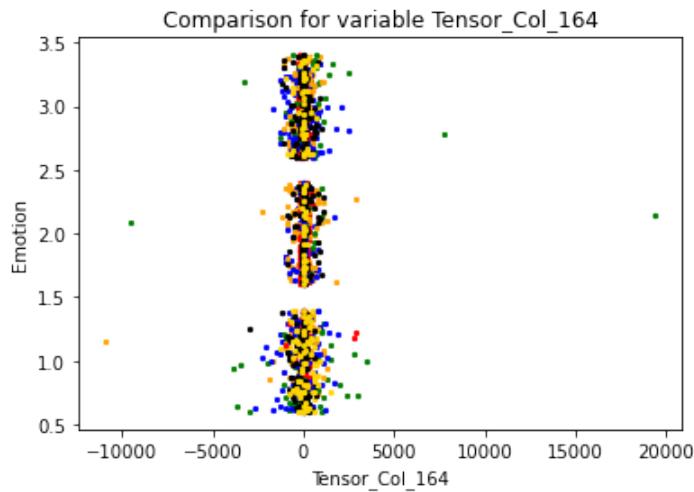
<Figure size 1440x432 with 0 Axes>



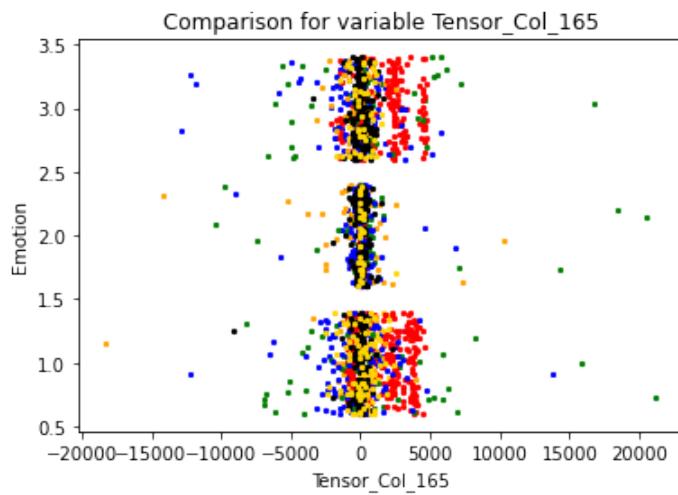
<Figure size 1440x432 with 0 Axes>



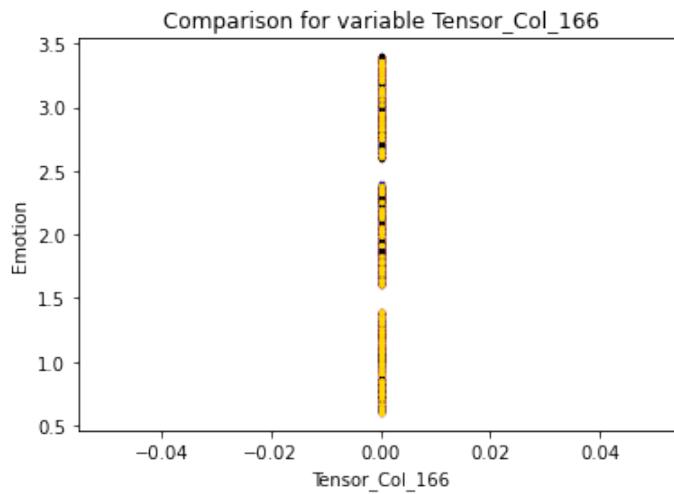
<Figure size 1440x432 with 0 Axes>



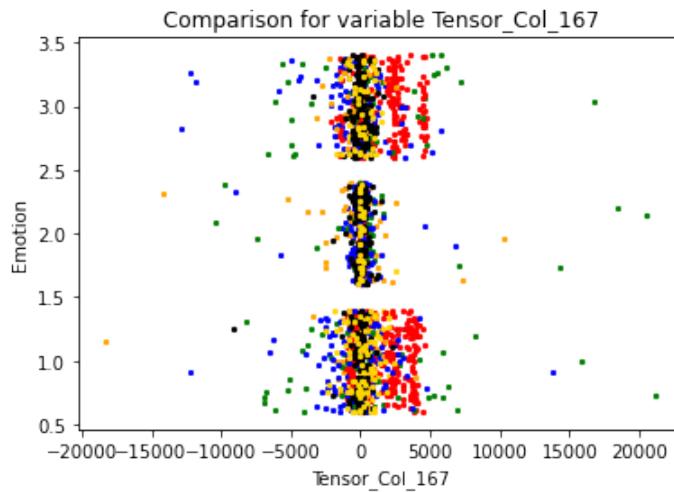
<Figure size 1440x432 with 0 Axes>



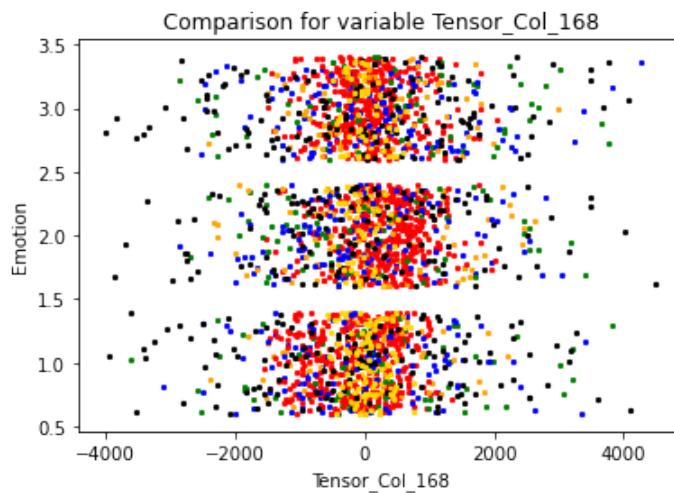
<Figure size 1440x432 with 0 Axes>



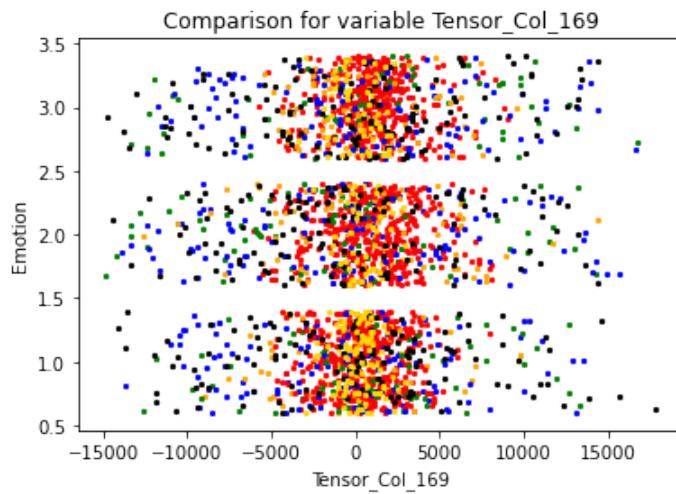
<Figure size 1440x432 with 0 Axes>



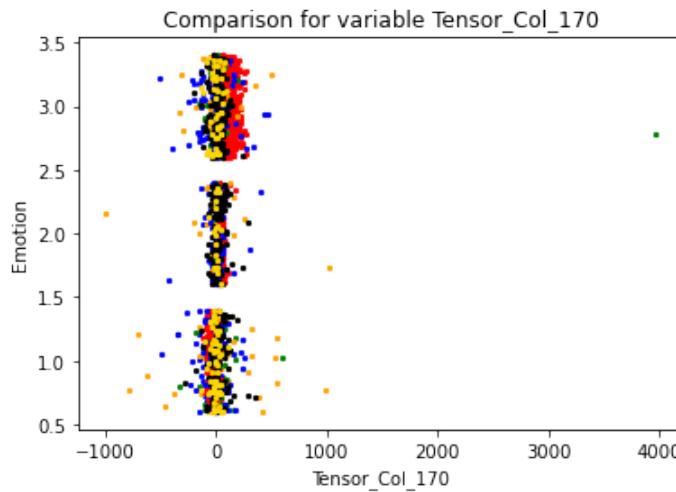
<Figure size 1440x432 with 0 Axes>



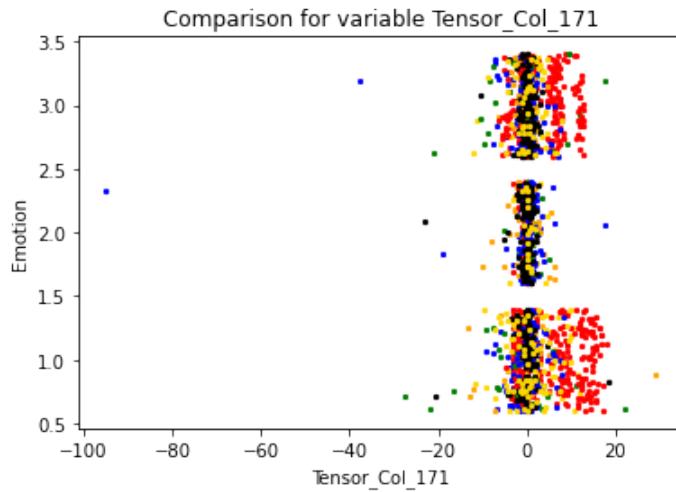
<Figure size 1440x432 with 0 Axes>



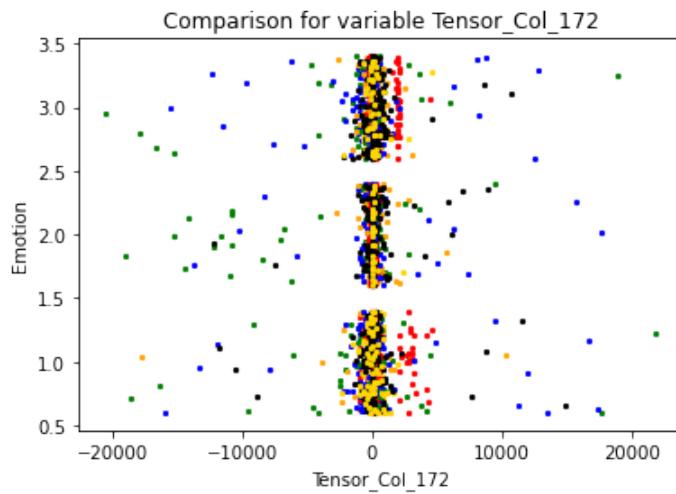
<Figure size 1440x432 with 0 Axes>



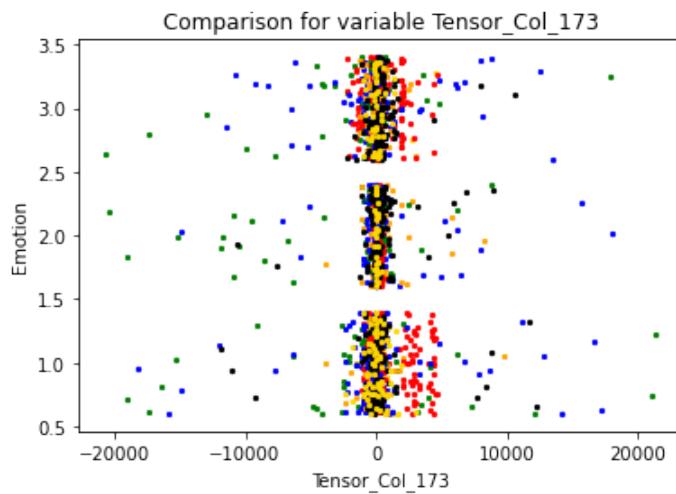
<Figure size 1440x432 with 0 Axes>



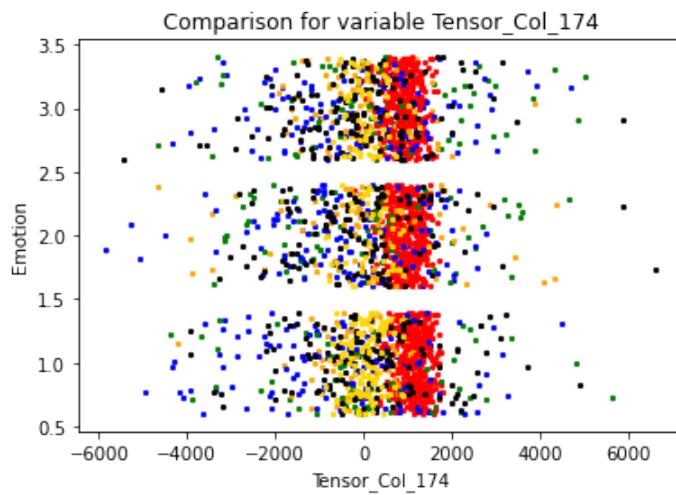
<Figure size 1440x432 with 0 Axes>



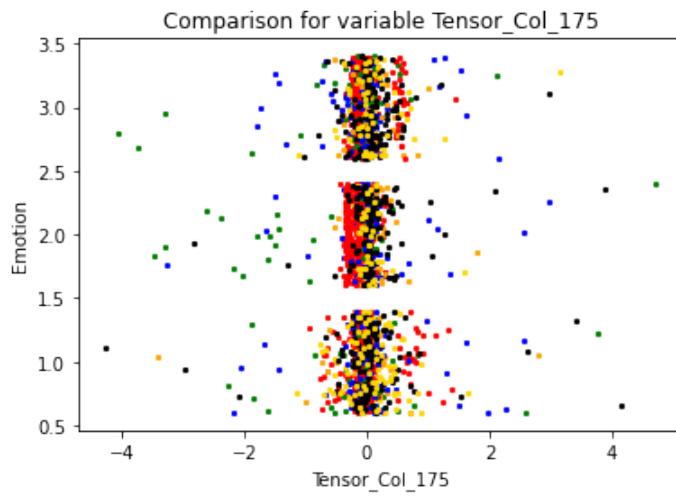
<Figure size 1440x432 with 0 Axes>



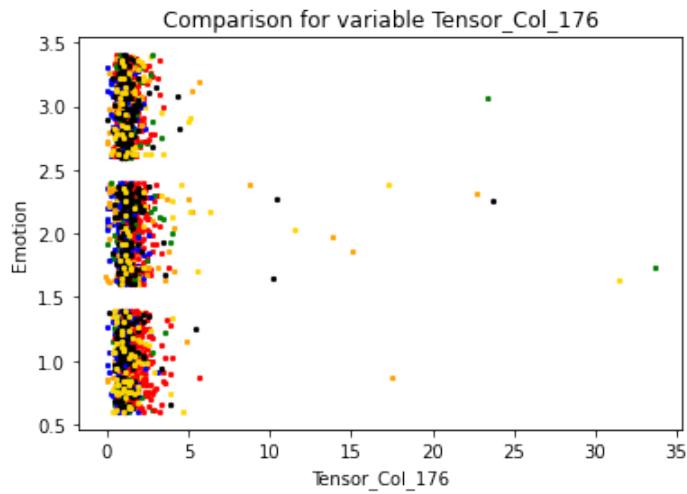
<Figure size 1440x432 with 0 Axes>



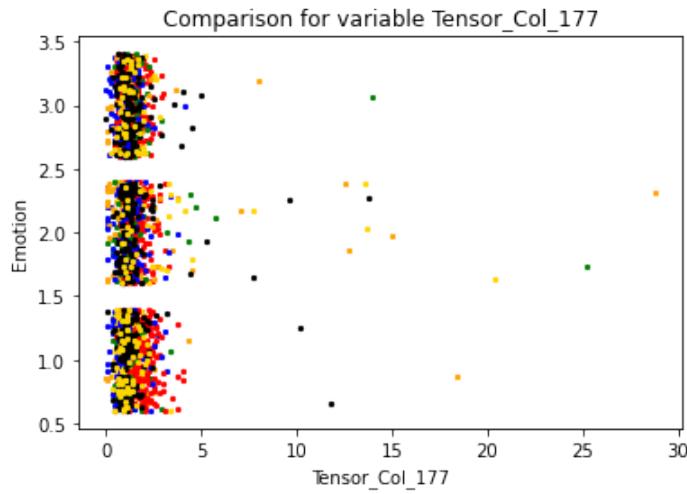
<Figure size 1440x432 with 0 Axes>



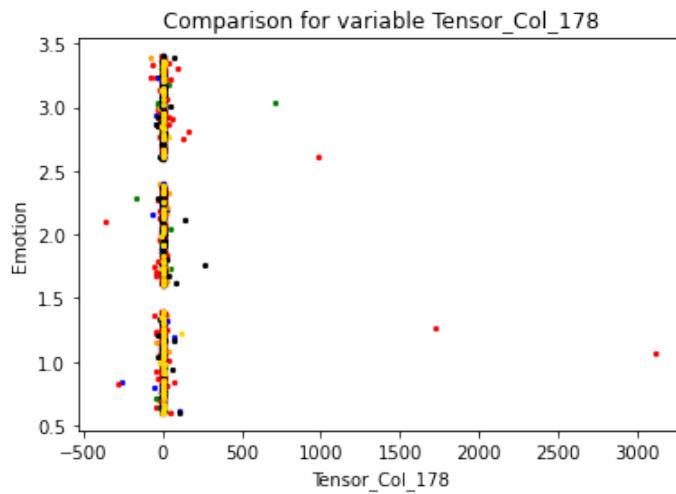
<Figure size 1440x432 with 0 Axes>



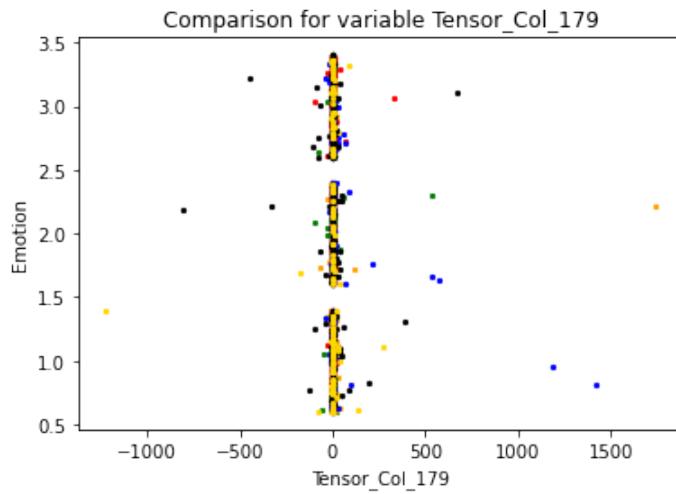
<Figure size 1440x432 with 0 Axes>



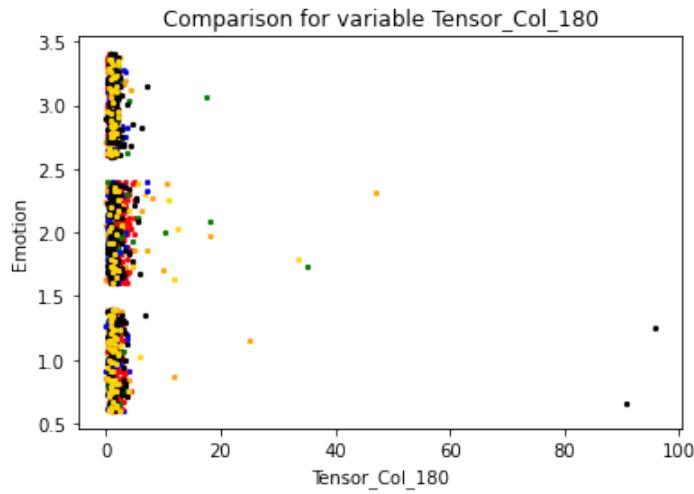
<Figure size 1440x432 with 0 Axes>



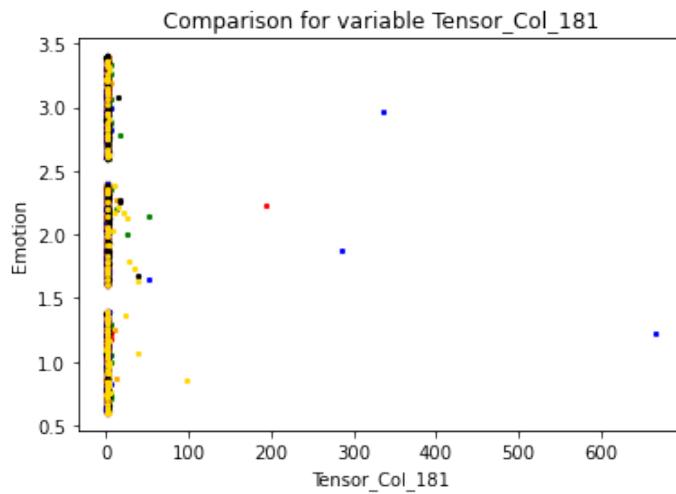
<Figure size 1440x432 with 0 Axes>



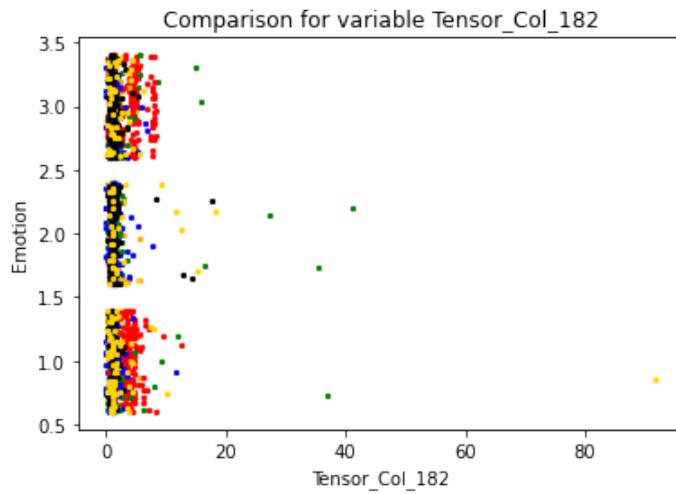
<Figure size 1440x432 with 0 Axes>



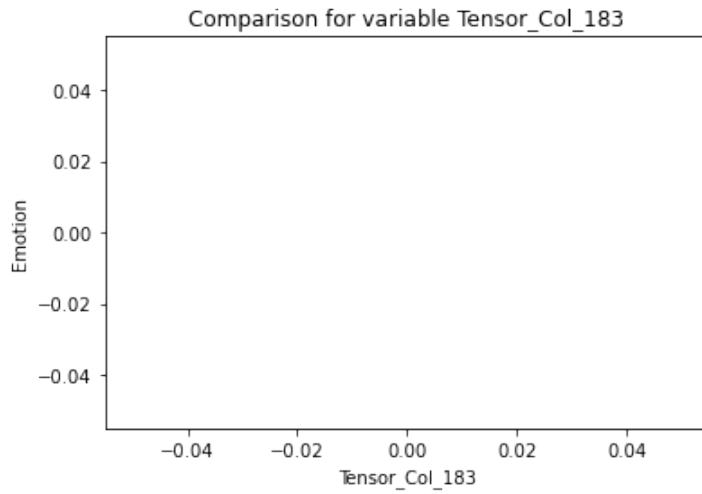
<Figure size 1440x432 with 0 Axes>



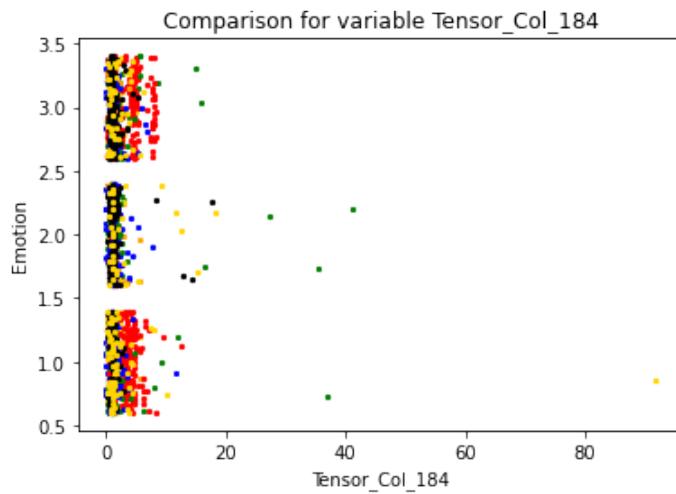
<Figure size 1440x432 with 0 Axes>



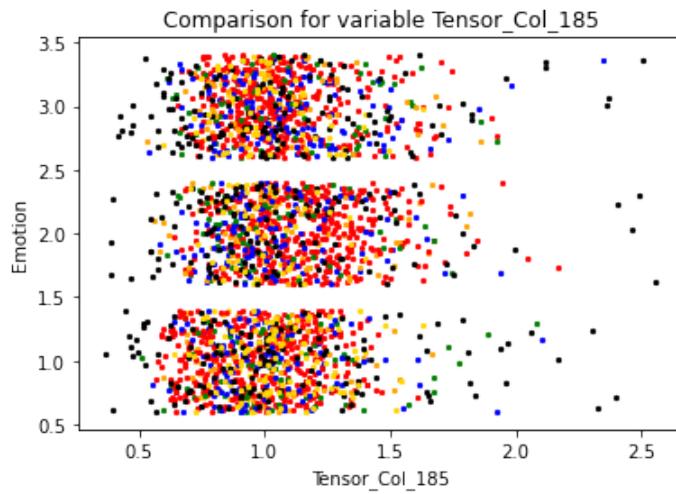
<Figure size 1440x432 with 0 Axes>



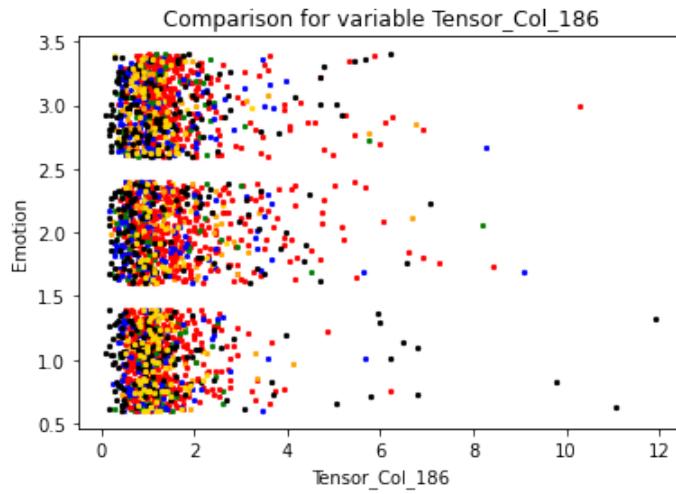
<Figure size 1440x432 with 0 Axes>



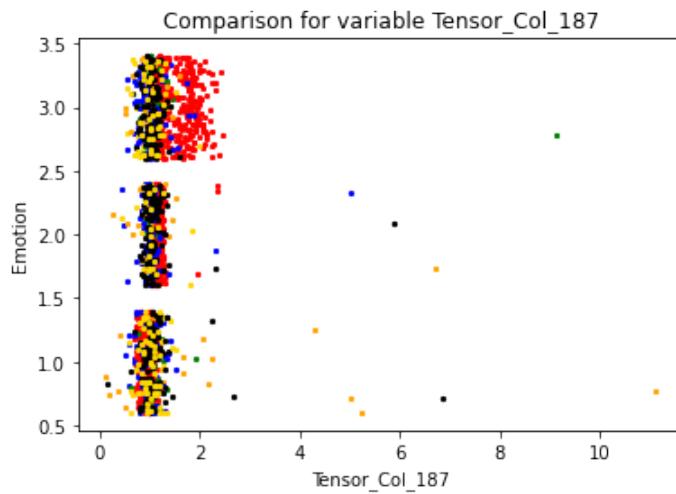
<Figure size 1440x432 with 0 Axes>



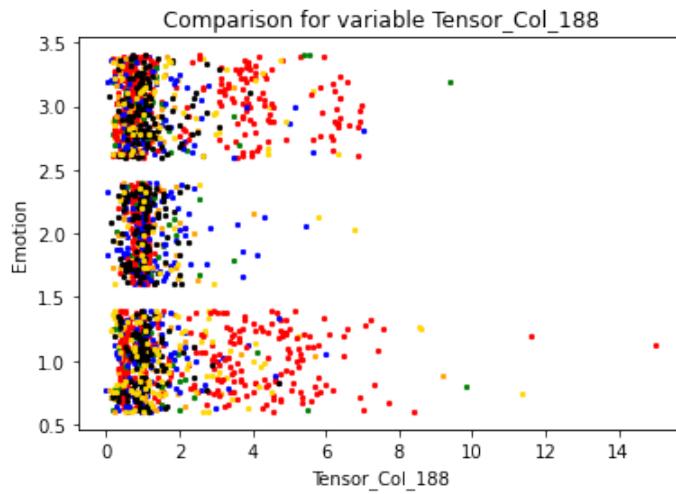
<Figure size 1440x432 with 0 Axes>



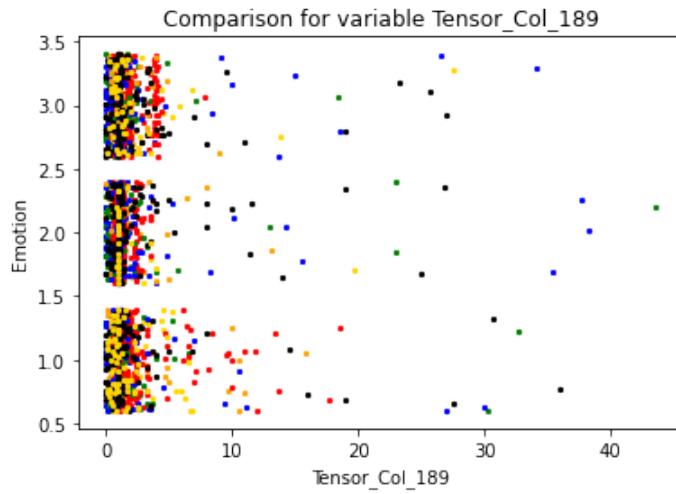
<Figure size 1440x432 with 0 Axes>



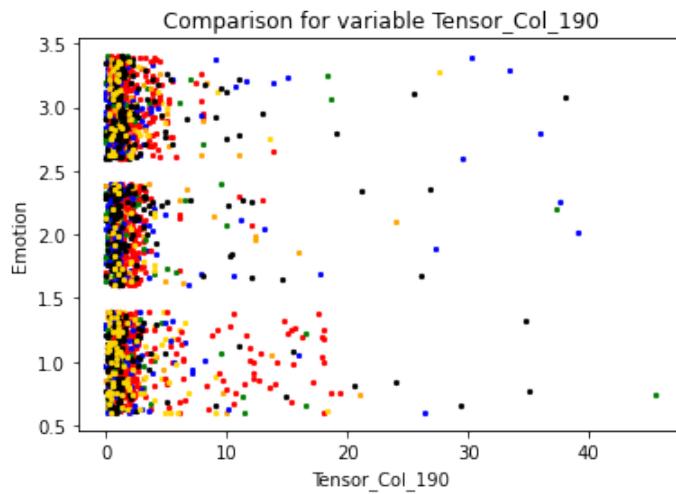
<Figure size 1440x432 with 0 Axes>



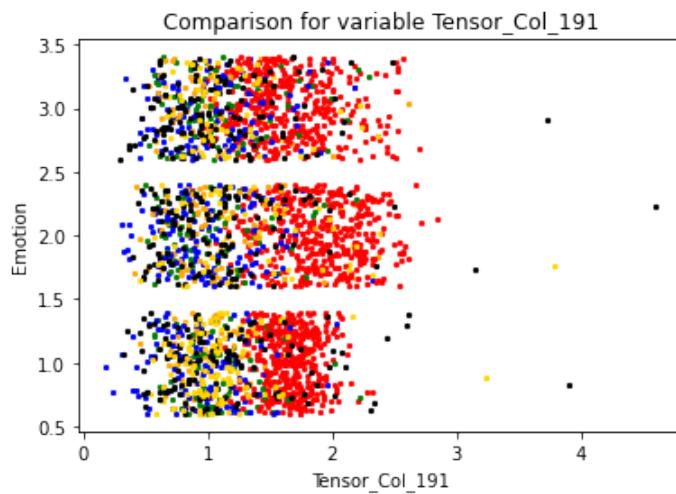
<Figure size 1440x432 with 0 Axes>



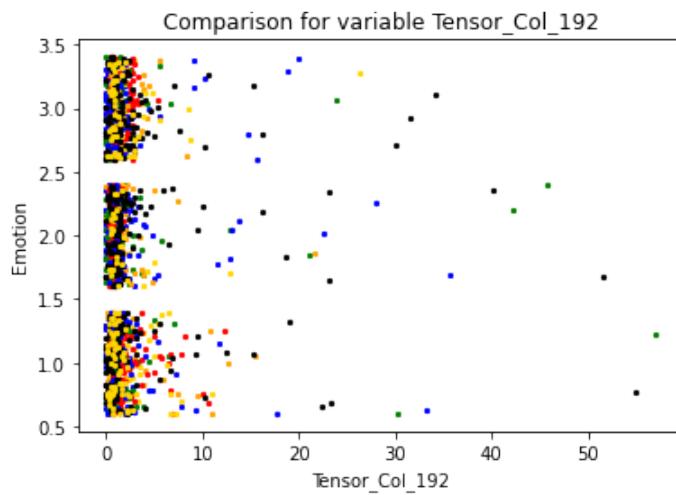
<Figure size 1440x432 with 0 Axes>



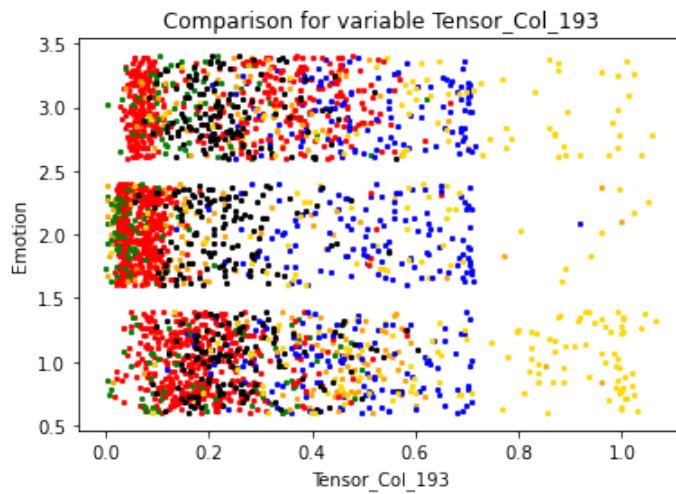
<Figure size 1440x432 with 0 Axes>



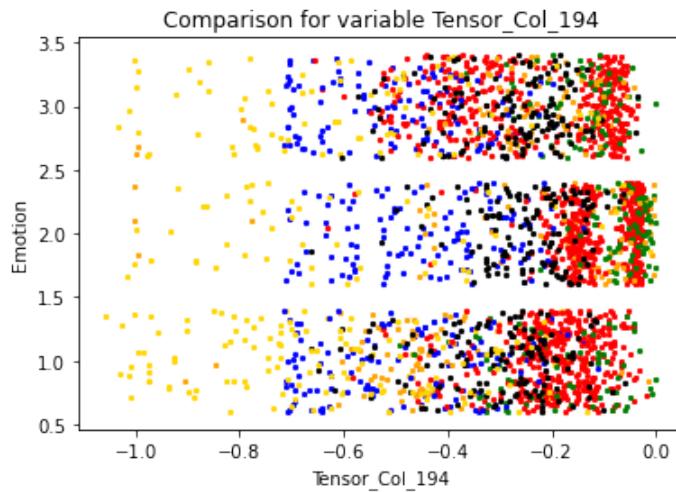
<Figure size 1440x432 with 0 Axes>



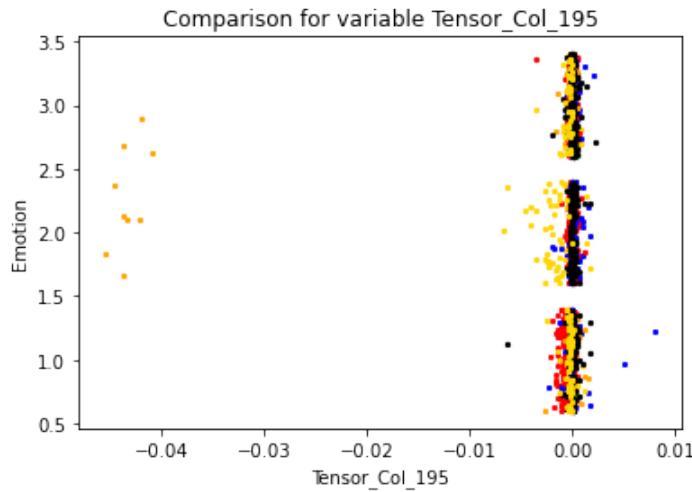
<Figure size 1440x432 with 0 Axes>



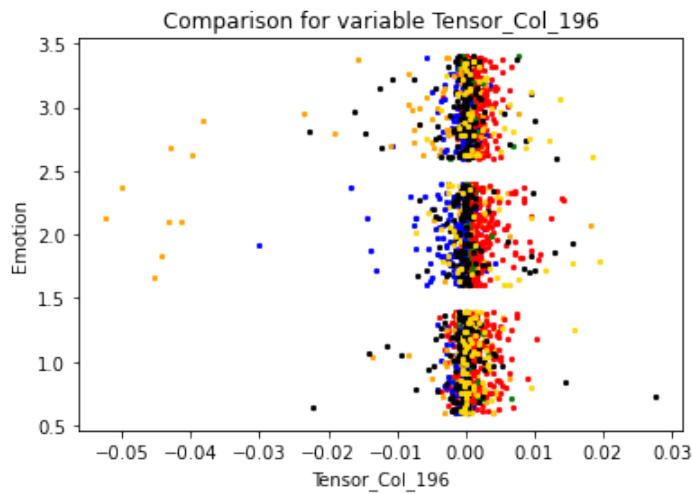
<Figure size 1440x432 with 0 Axes>



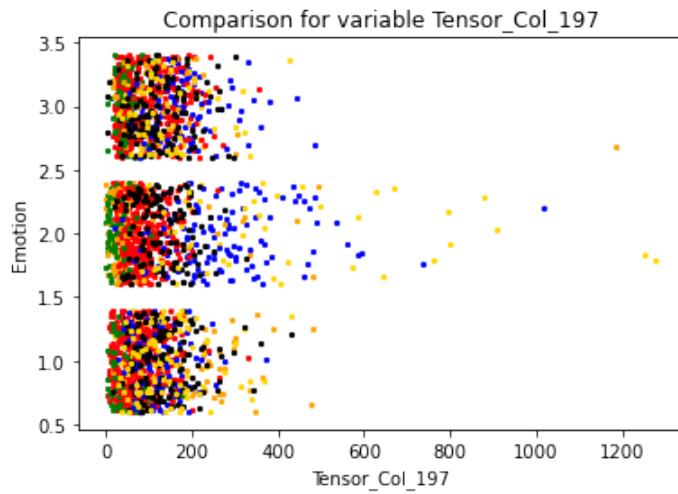
<Figure size 1440x432 with 0 Axes>



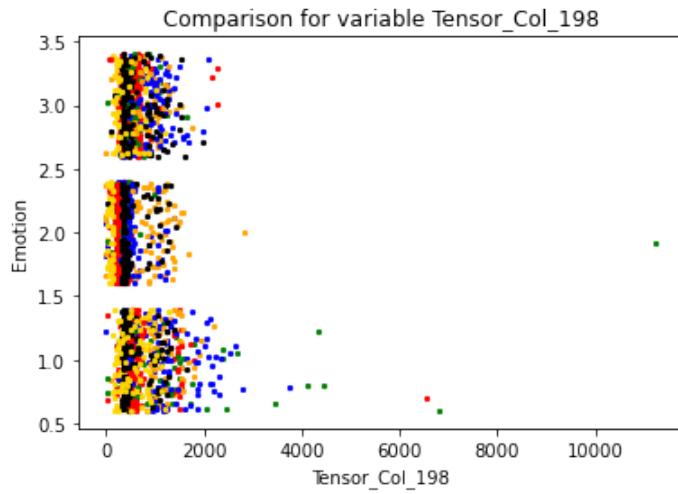
<Figure size 1440x432 with 0 Axes>



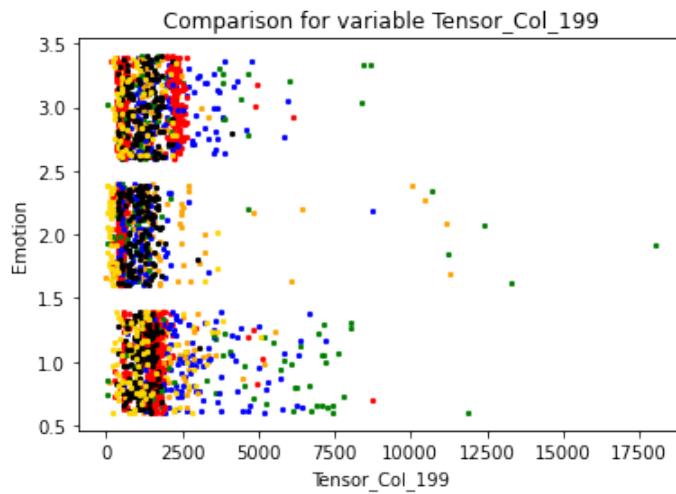
<Figure size 1440x432 with 0 Axes>



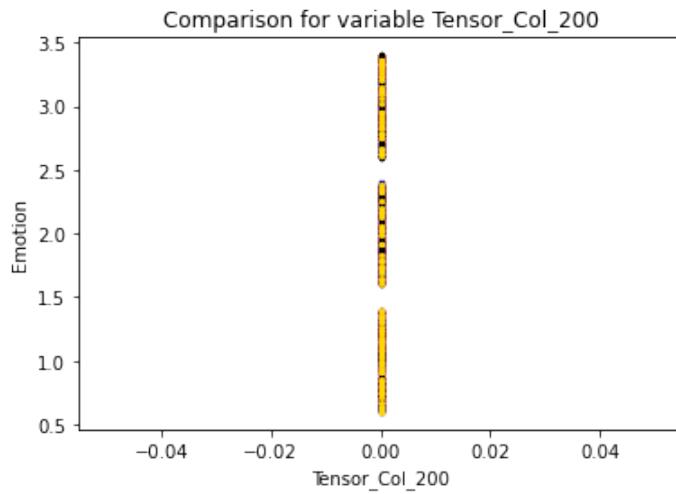
<Figure size 1440x432 with 0 Axes>



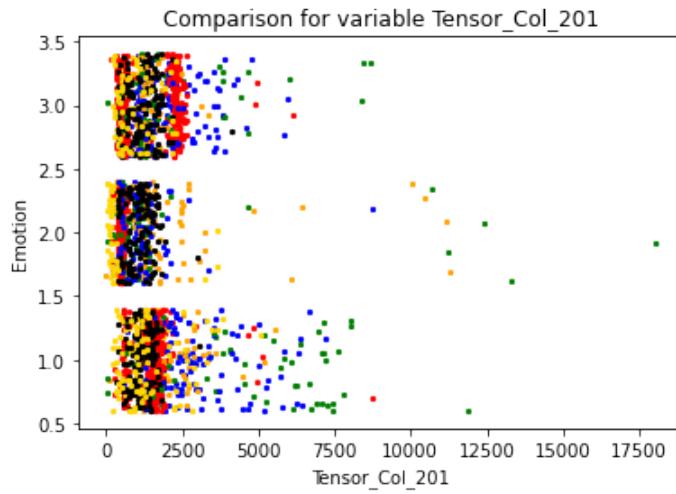
<Figure size 1440x432 with 0 Axes>



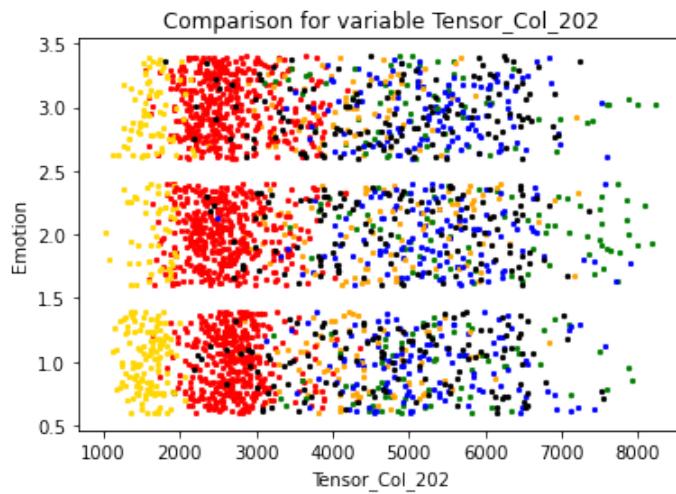
<Figure size 1440x432 with 0 Axes>



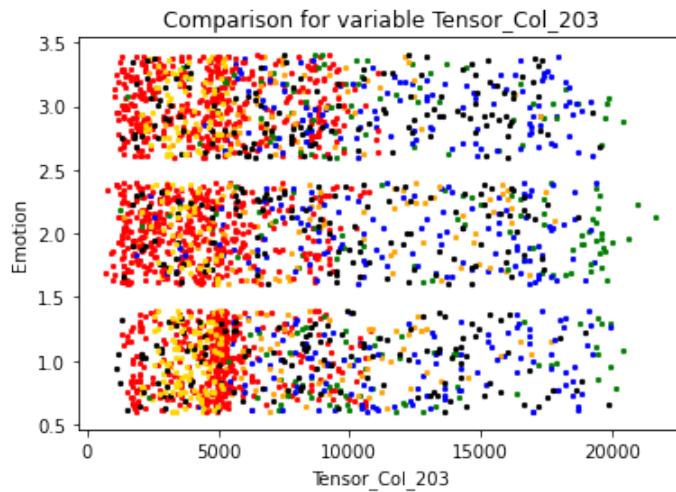
<Figure size 1440x432 with 0 Axes>



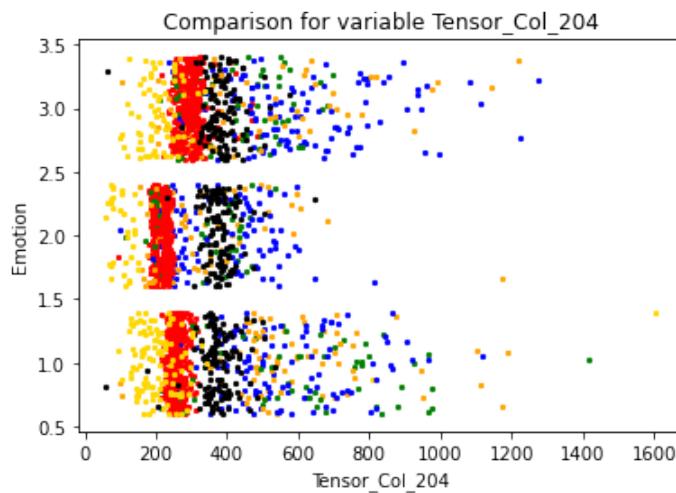
<Figure size 1440x432 with 0 Axes>



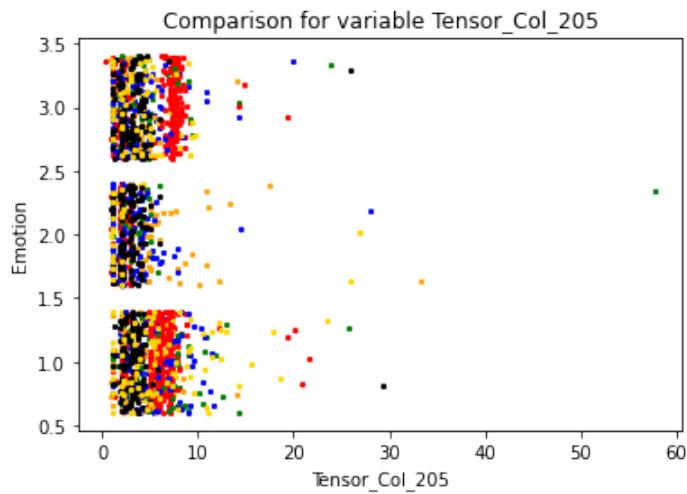
<Figure size 1440x432 with 0 Axes>



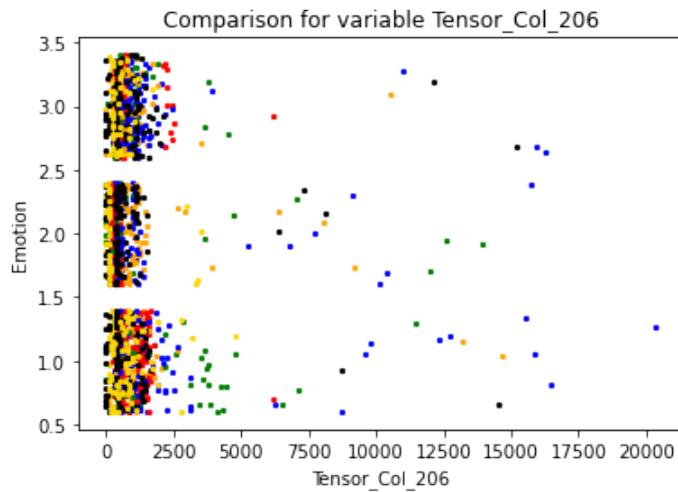
<Figure size 1440x432 with 0 Axes>



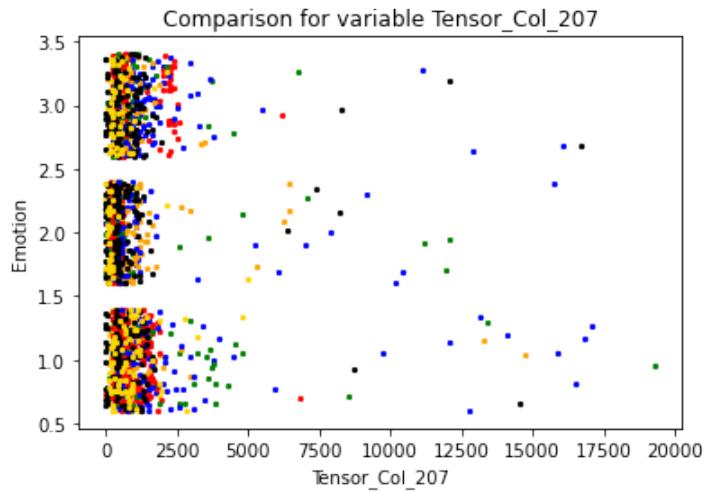
<Figure size 1440x432 with 0 Axes>



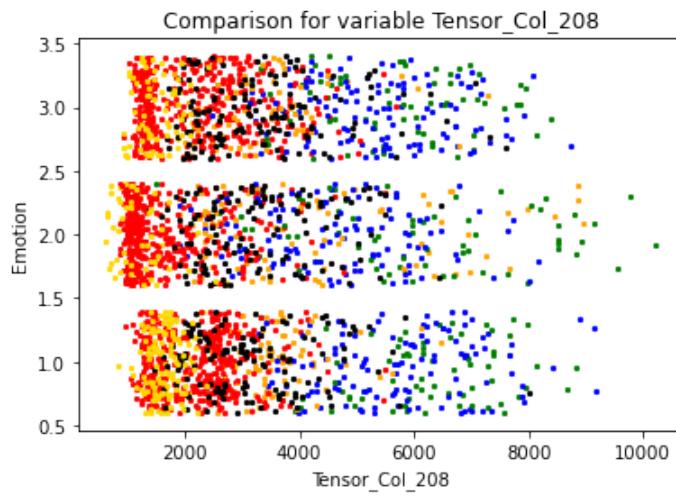
<Figure size 1440x432 with 0 Axes>



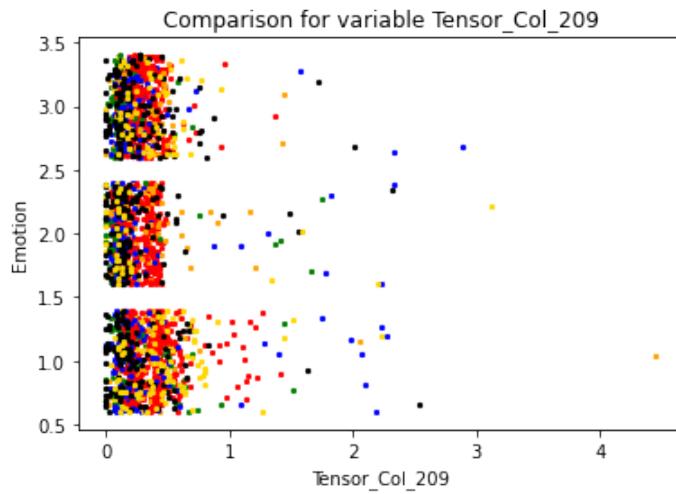
<Figure size 1440x432 with 0 Axes>



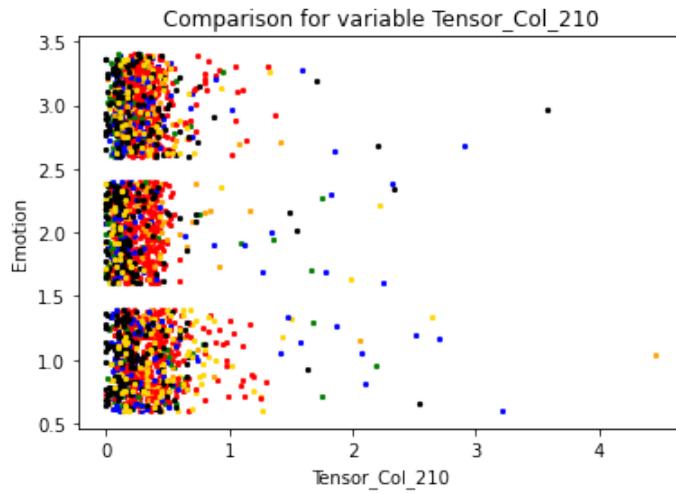
<Figure size 1440x432 with 0 Axes>



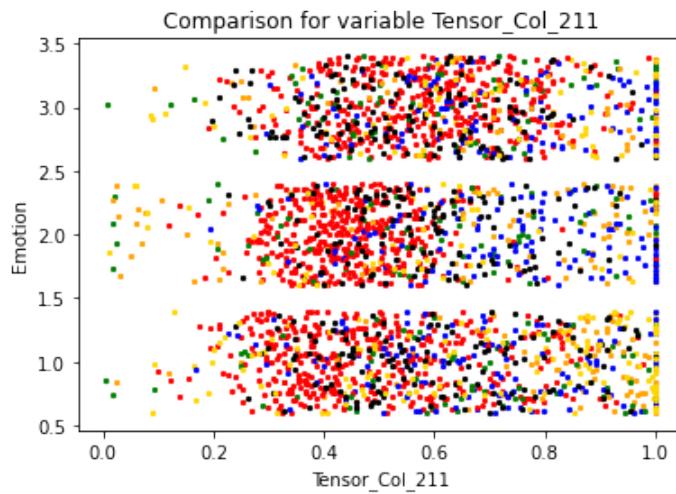
<Figure size 1440x432 with 0 Axes>



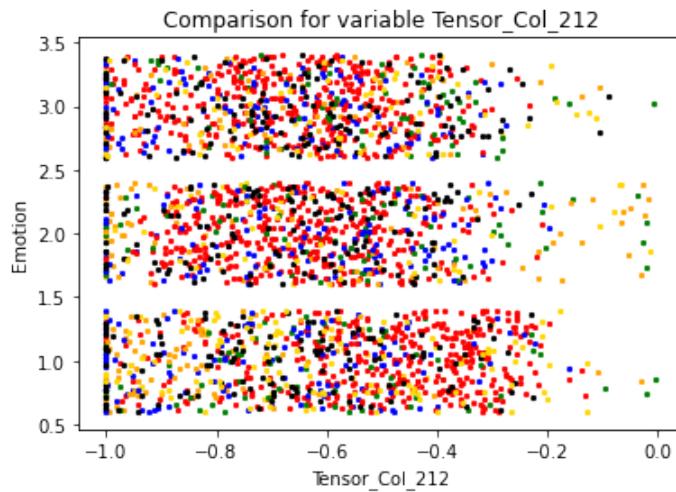
<Figure size 1440x432 with 0 Axes>



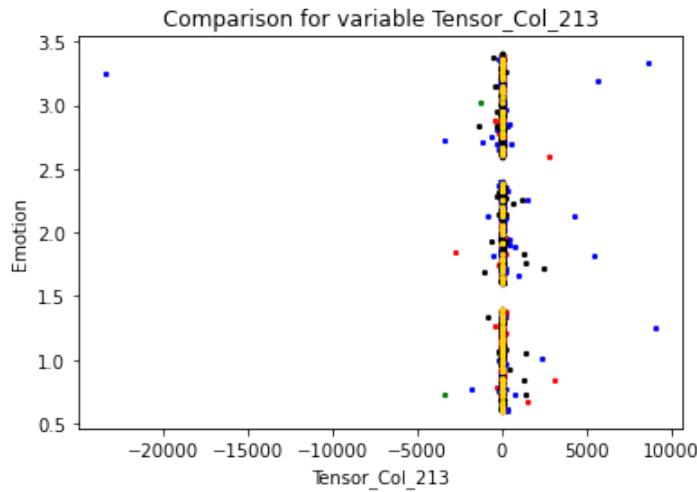
<Figure size 1440x432 with 0 Axes>



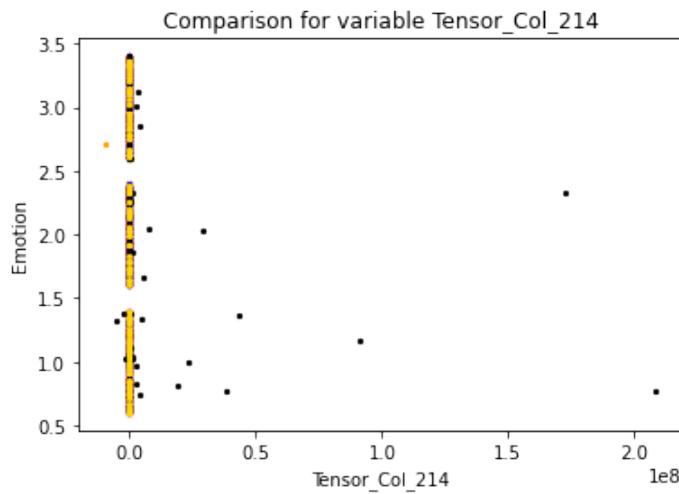
<Figure size 1440x432 with 0 Axes>



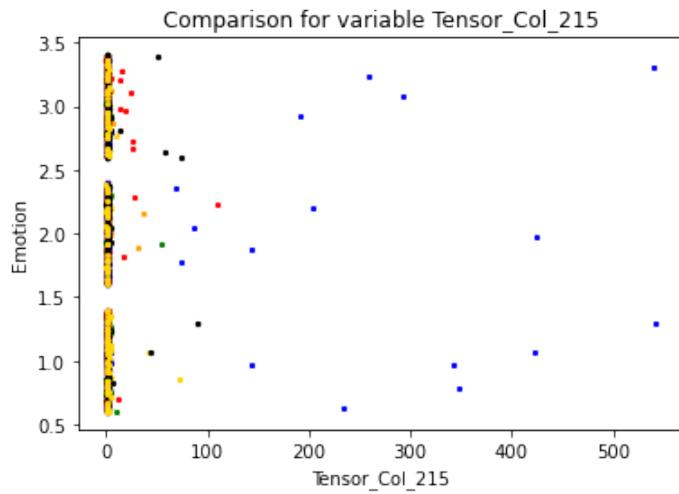
<Figure size 1440x432 with 0 Axes>



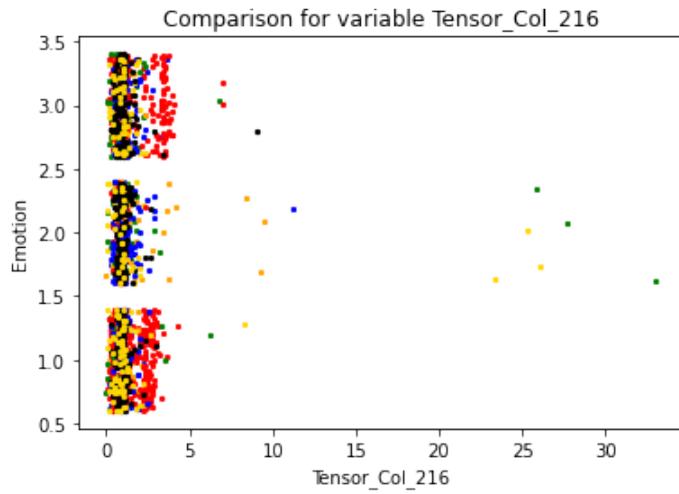
<Figure size 1440x432 with 0 Axes>



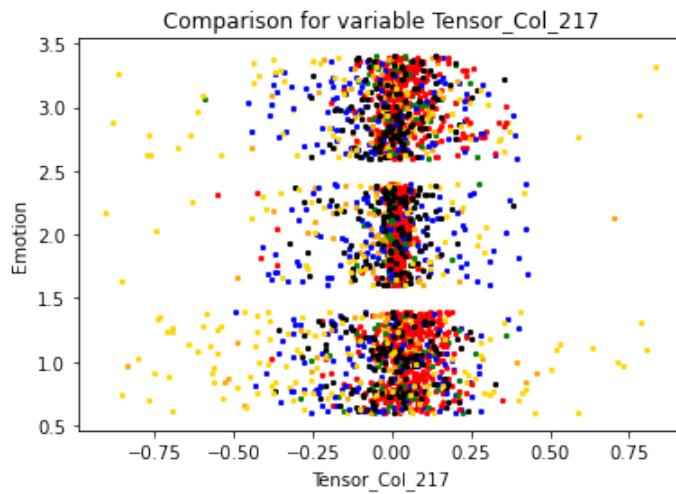
<Figure size 1440x432 with 0 Axes>



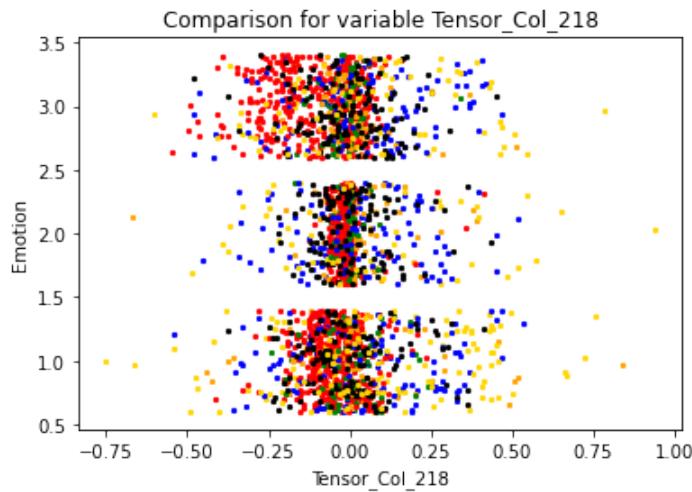
<Figure size 1440x432 with 0 Axes>



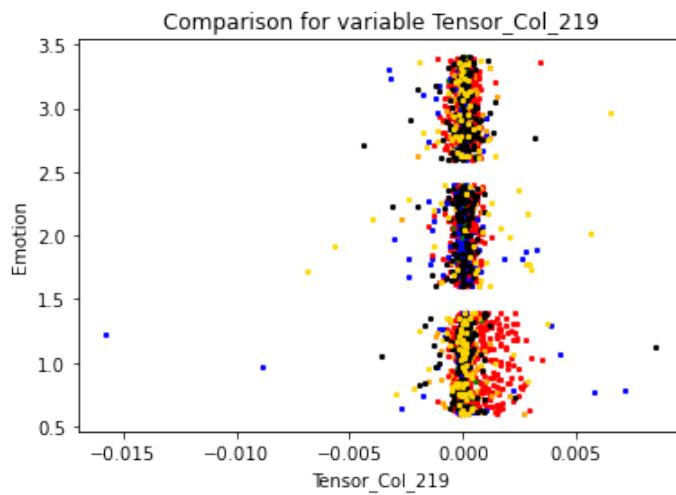
<Figure size 1440x432 with 0 Axes>



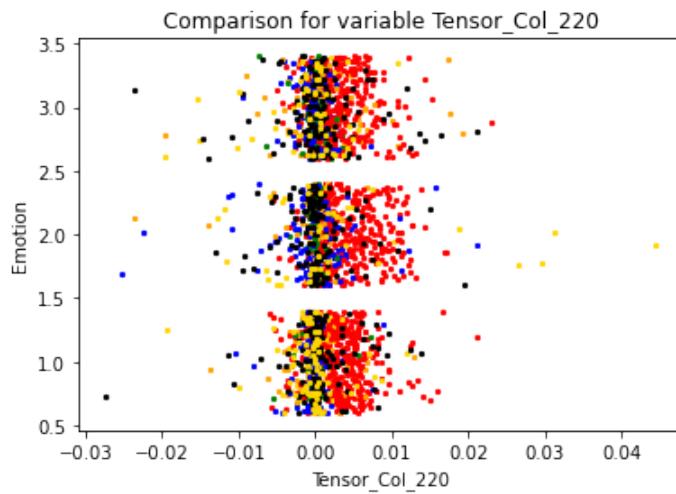
<Figure size 1440x432 with 0 Axes>



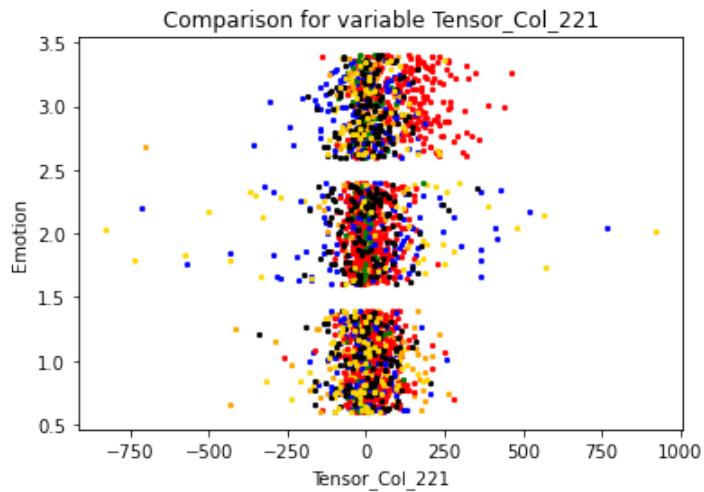
<Figure size 1440x432 with 0 Axes>



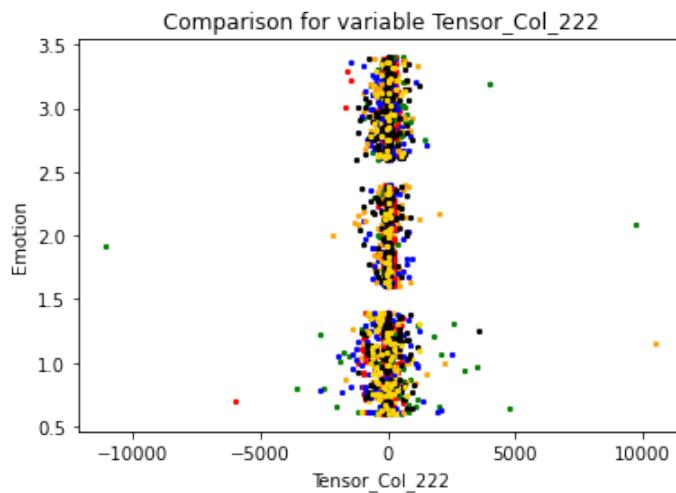
<Figure size 1440x432 with 0 Axes>



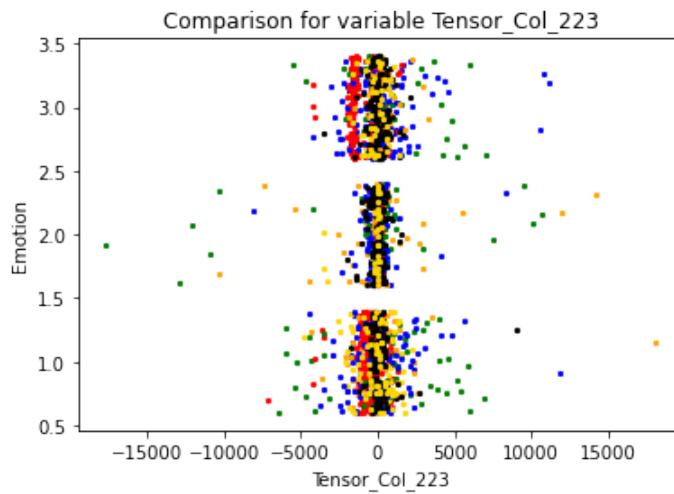
<Figure size 1440x432 with 0 Axes>



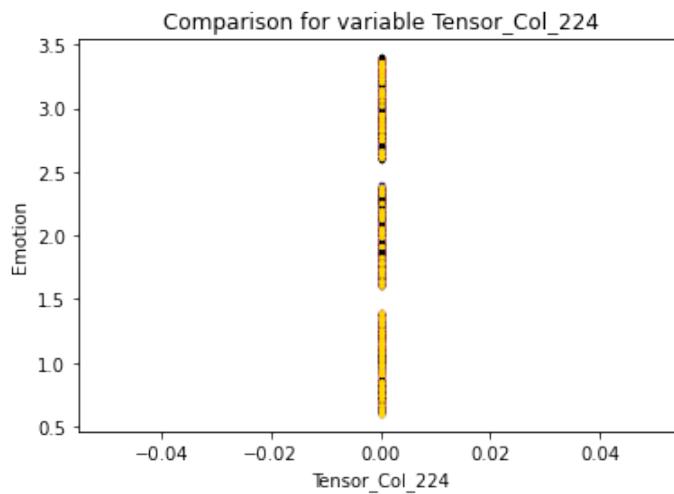
<Figure size 1440x432 with 0 Axes>



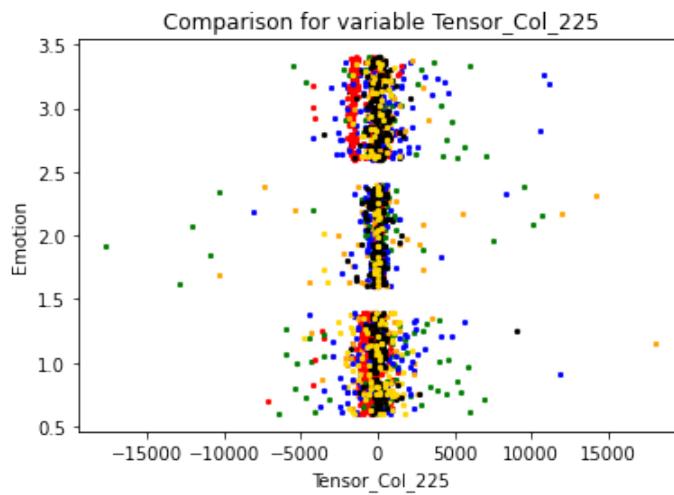
<Figure size 1440x432 with 0 Axes>



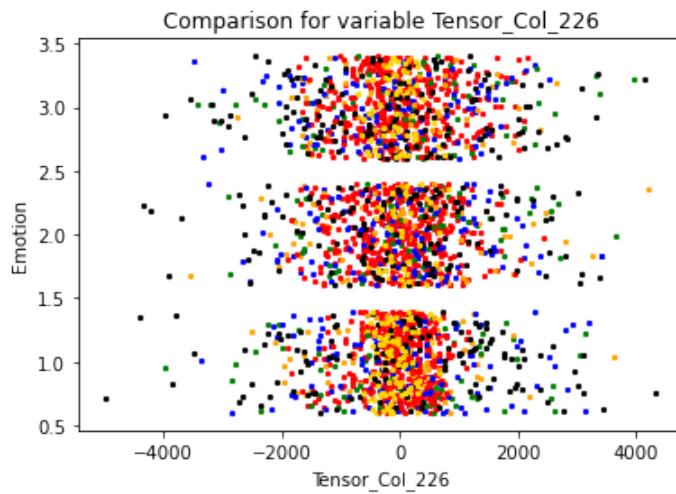
<Figure size 1440x432 with 0 Axes>



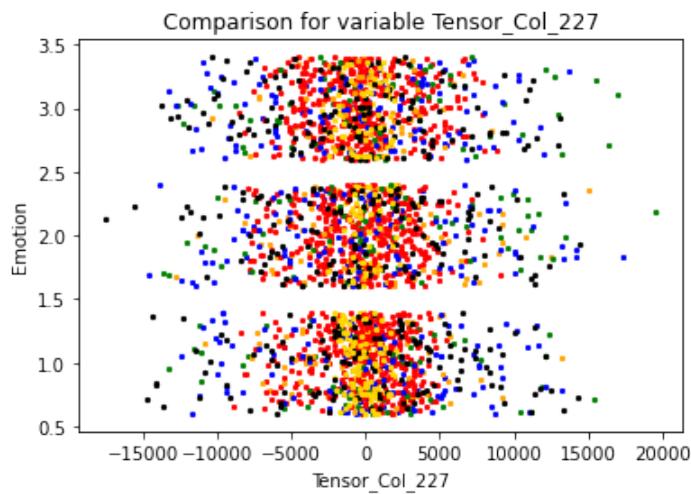
<Figure size 1440x432 with 0 Axes>



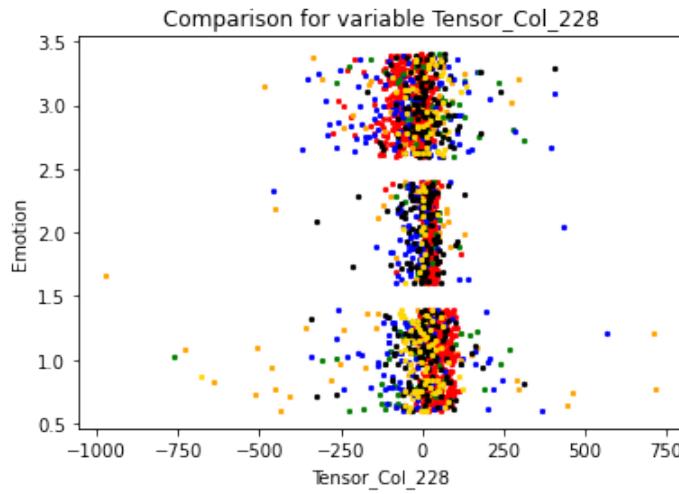
<Figure size 1440x432 with 0 Axes>



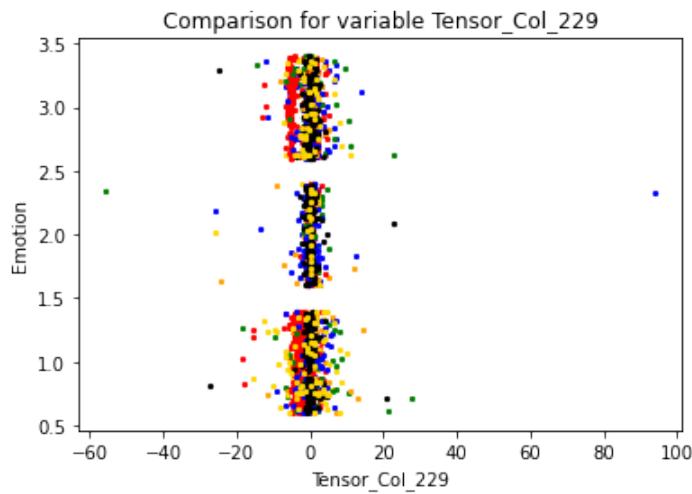
<Figure size 1440x432 with 0 Axes>



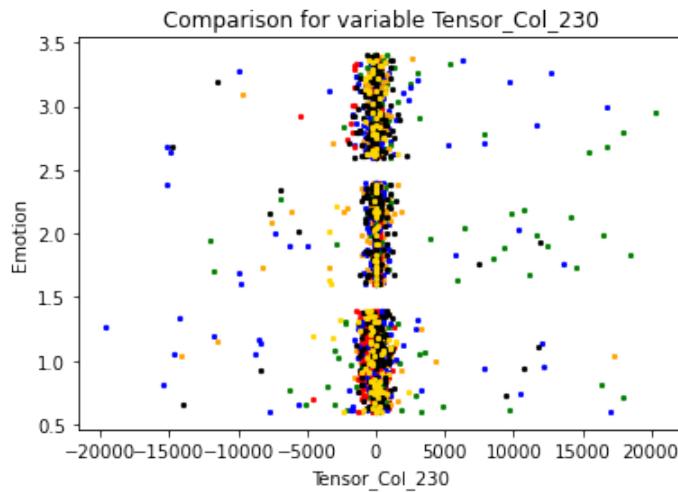
<Figure size 1440x432 with 0 Axes>



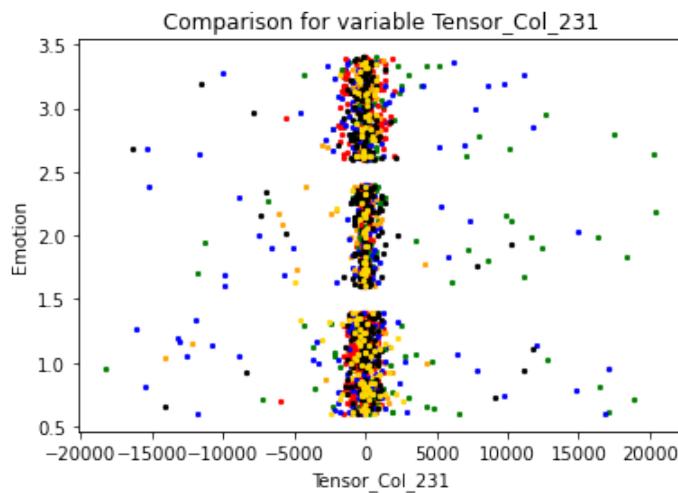
<Figure size 1440x432 with 0 Axes>



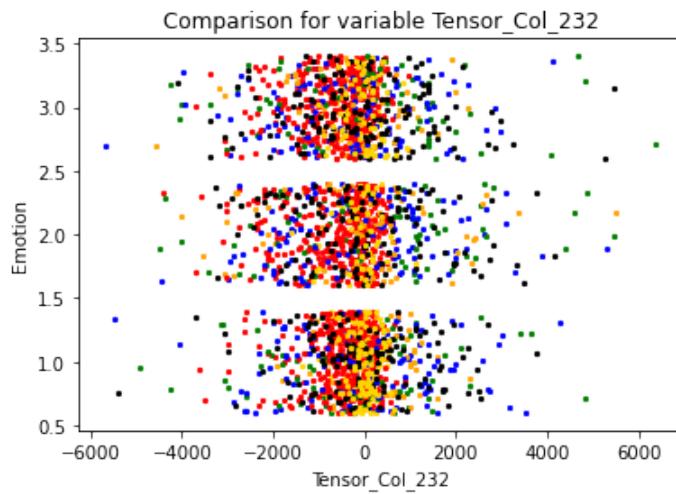
<Figure size 1440x432 with 0 Axes>



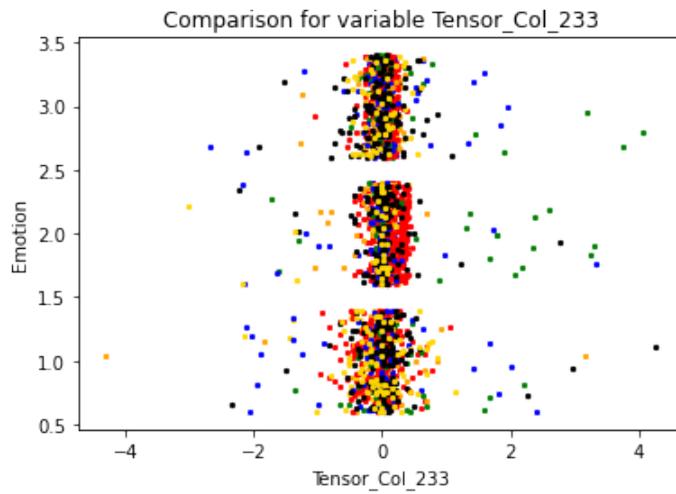
<Figure size 1440x432 with 0 Axes>



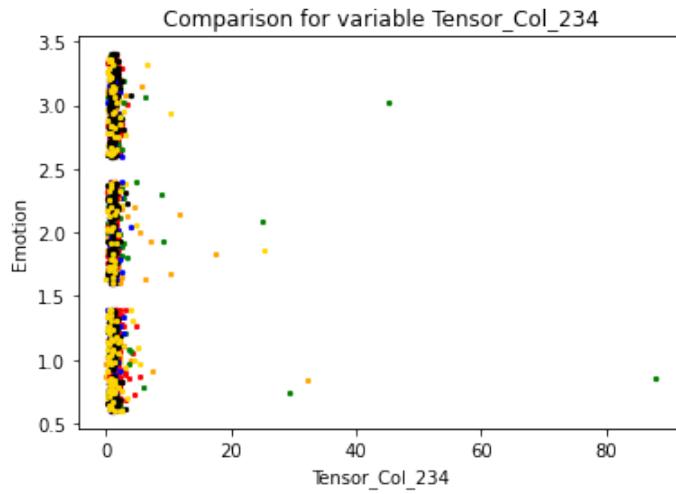
<Figure size 1440x432 with 0 Axes>



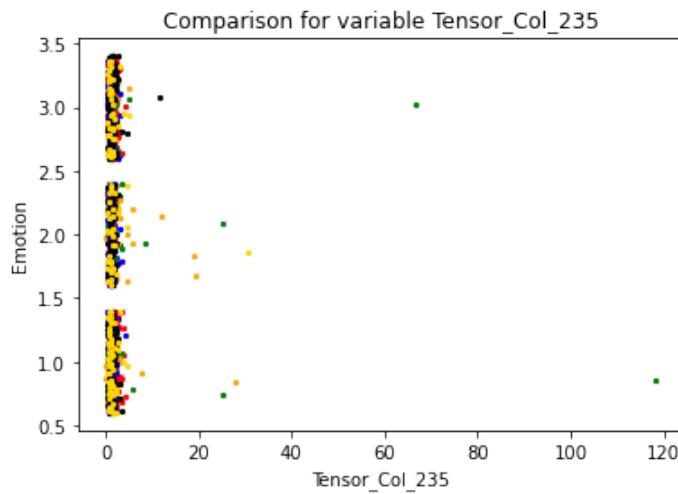
<Figure size 1440x432 with 0 Axes>



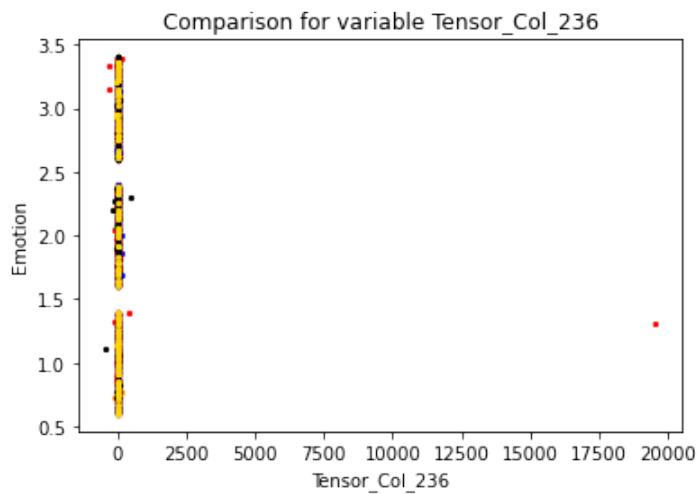
<Figure size 1440x432 with 0 Axes>



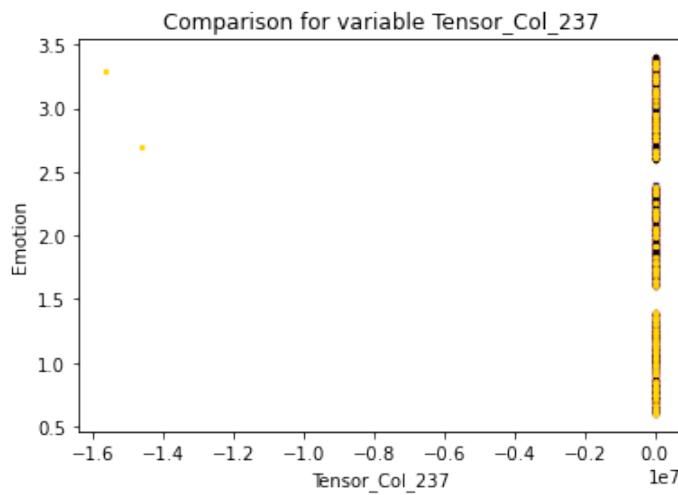
<Figure size 1440x432 with 0 Axes>



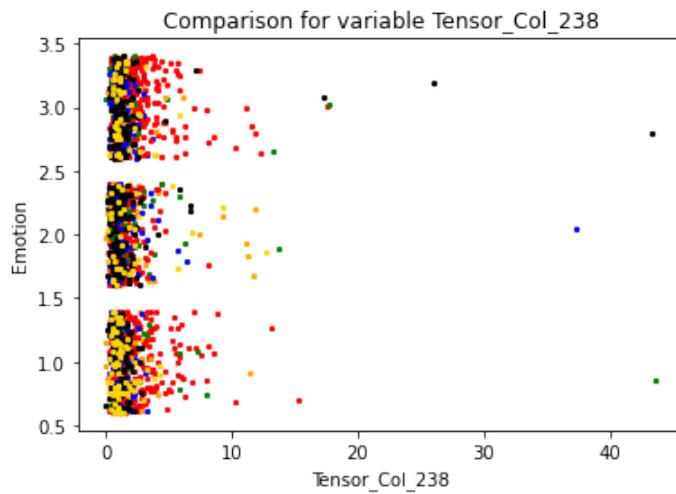
<Figure size 1440x432 with 0 Axes>



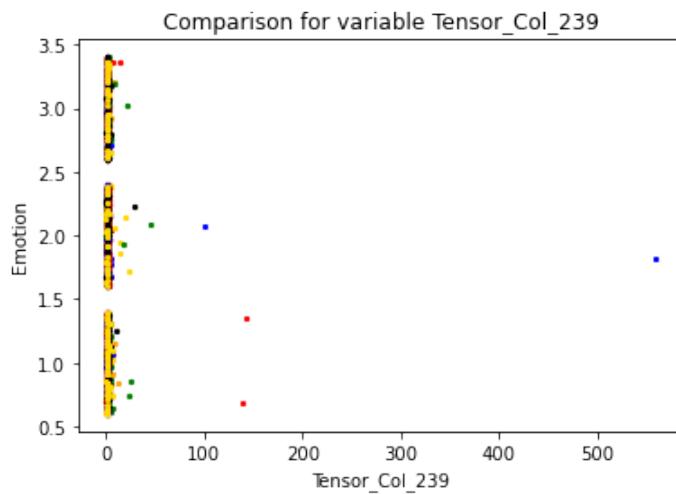
<Figure size 1440x432 with 0 Axes>



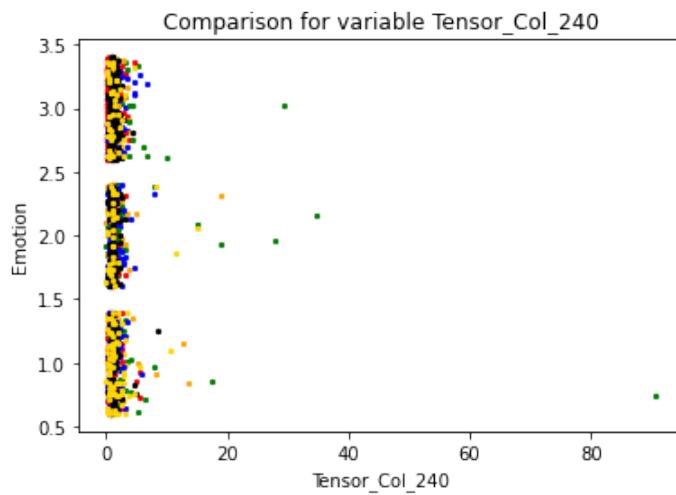
<Figure size 1440x432 with 0 Axes>



<Figure size 1440x432 with 0 Axes>

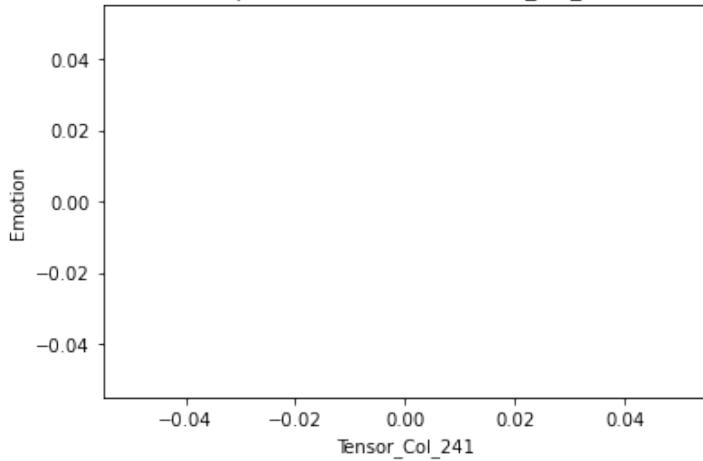


<Figure size 1440x432 with 0 Axes>



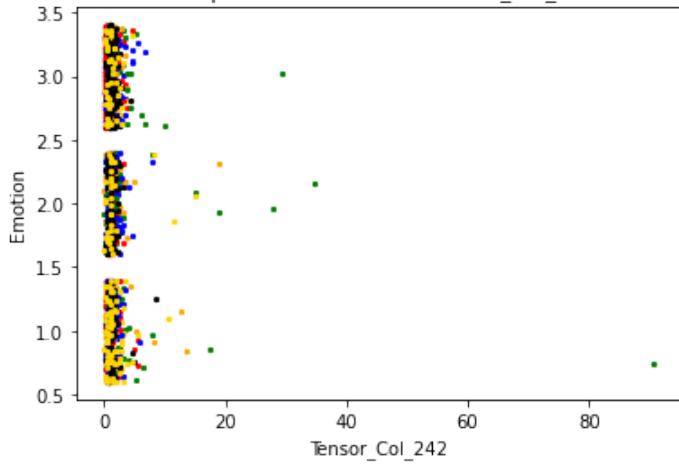
<Figure size 1440x432 with 0 Axes>

Comparison for variable Tensor_Col_241



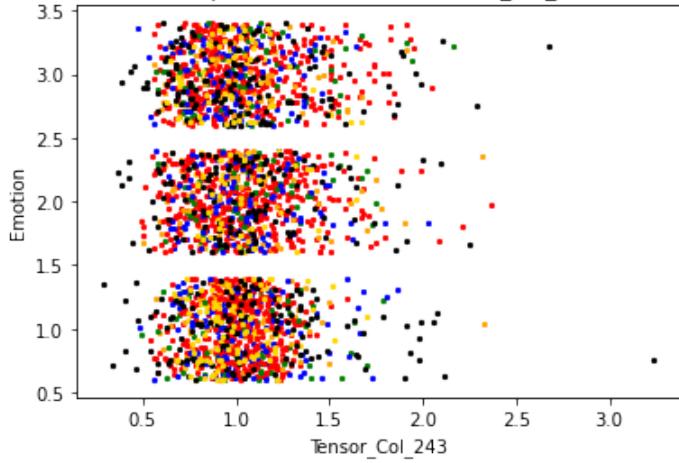
<Figure size 1440x432 with 0 Axes>

Comparison for variable Tensor_Col_242

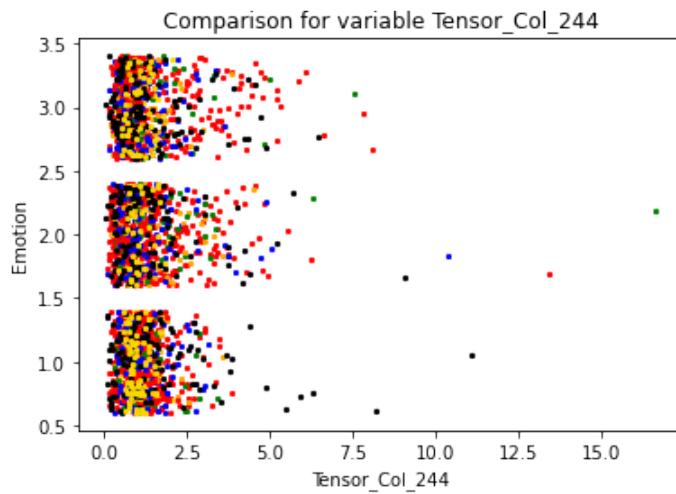


<Figure size 1440x432 with 0 Axes>

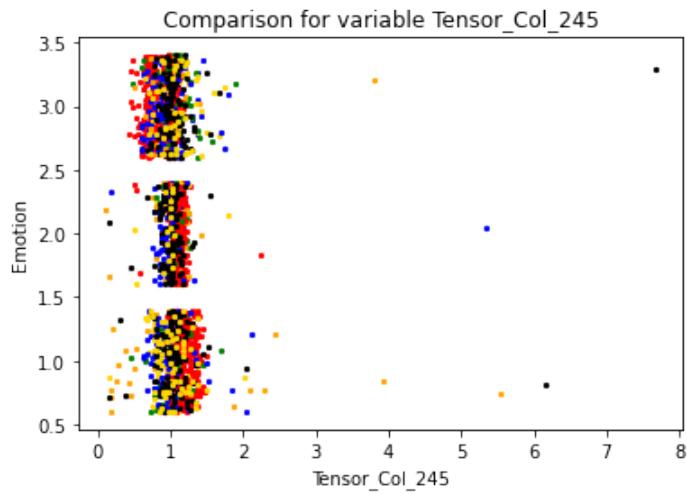
Comparison for variable Tensor_Col_243



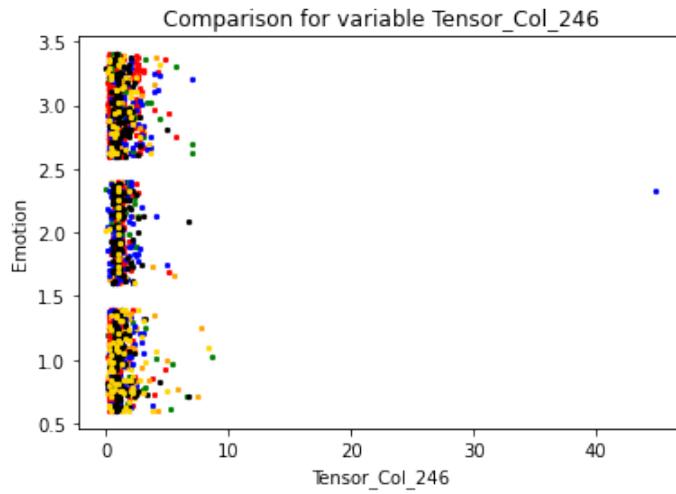
<Figure size 1440x432 with 0 Axes>



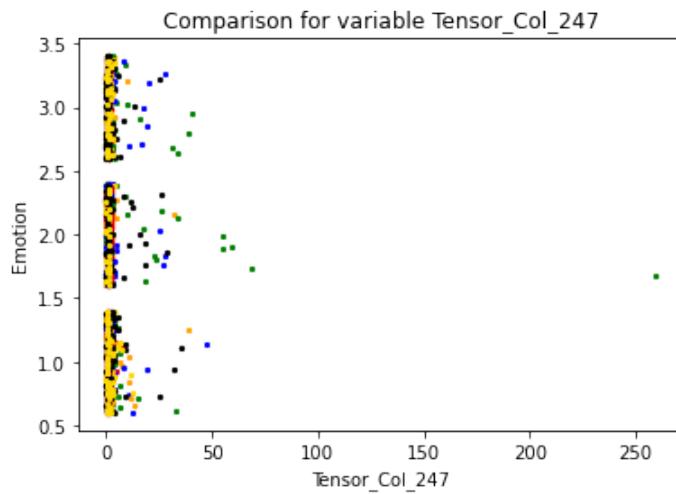
<Figure size 1440x432 with 0 Axes>



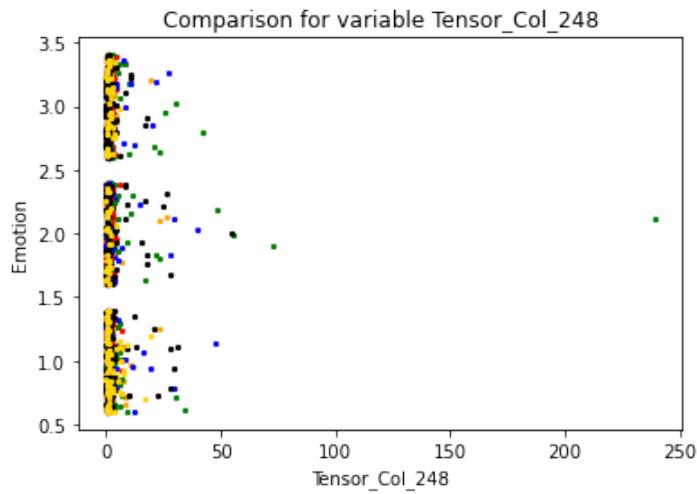
<Figure size 1440x432 with 0 Axes>



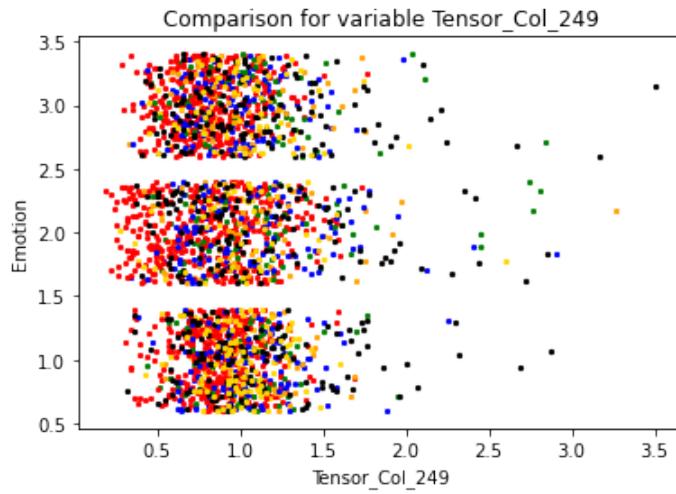
<Figure size 1440x432 with 0 Axes>



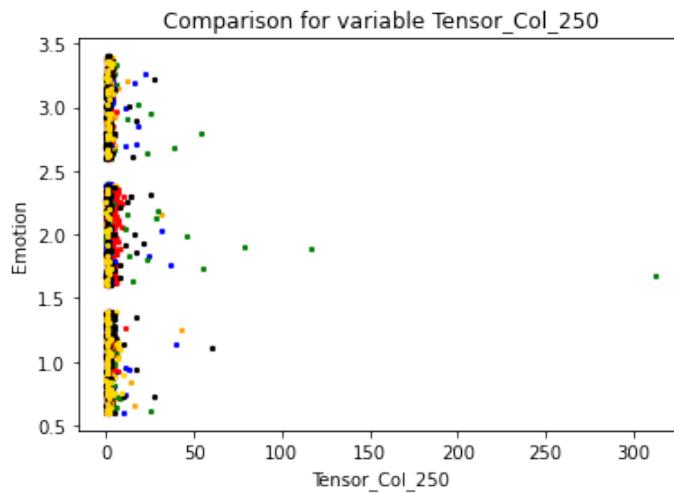
<Figure size 1440x432 with 0 Axes>



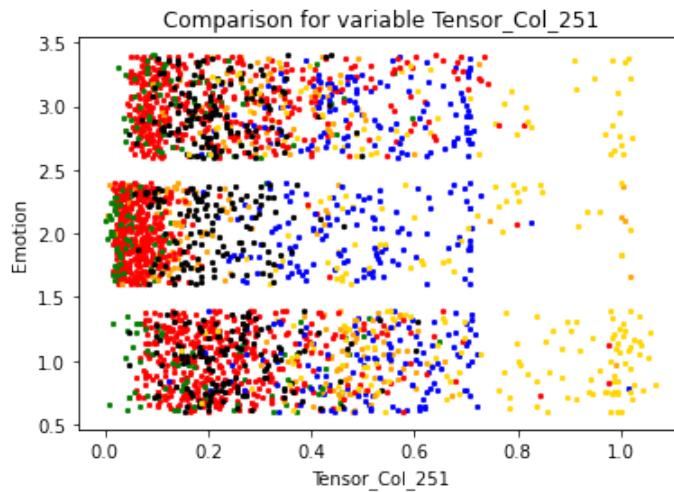
<Figure size 1440x432 with 0 Axes>



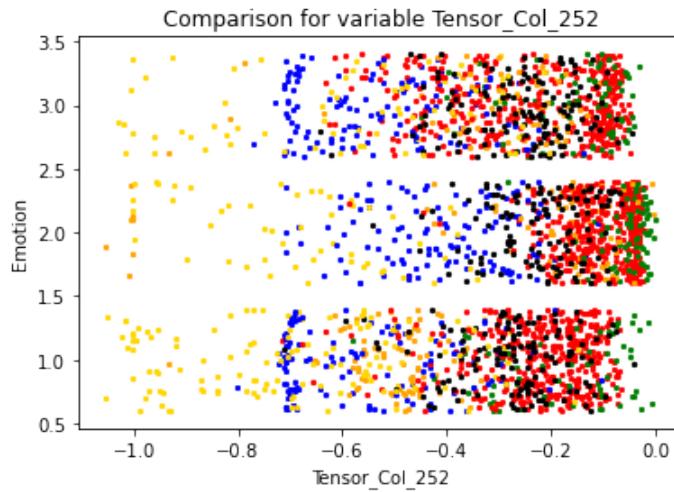
<Figure size 1440x432 with 0 Axes>



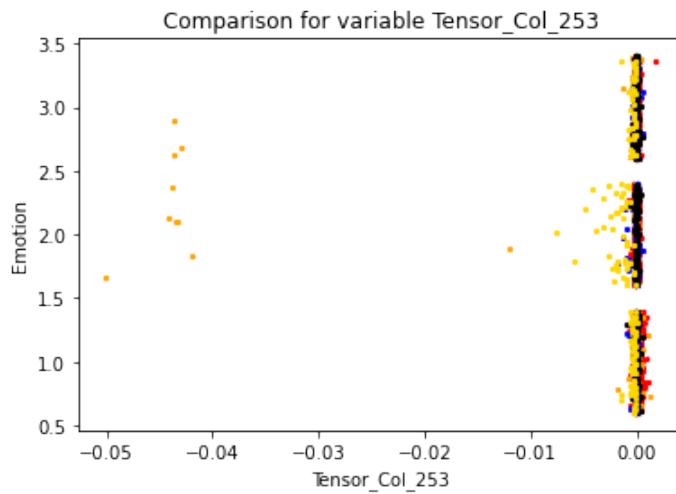
<Figure size 1440x432 with 0 Axes>



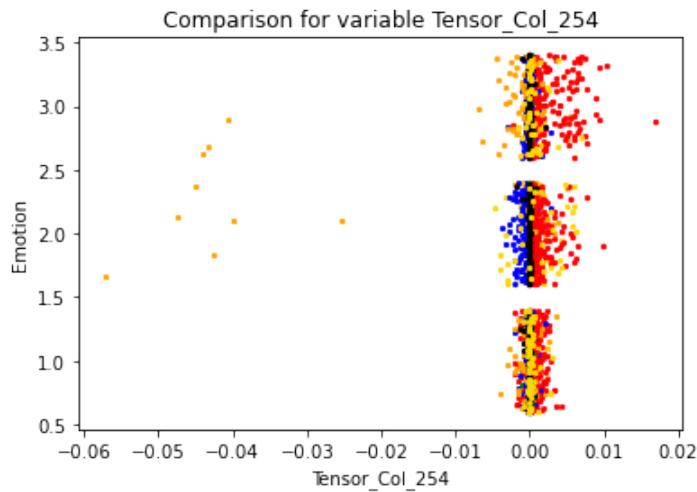
<Figure size 1440x432 with 0 Axes>



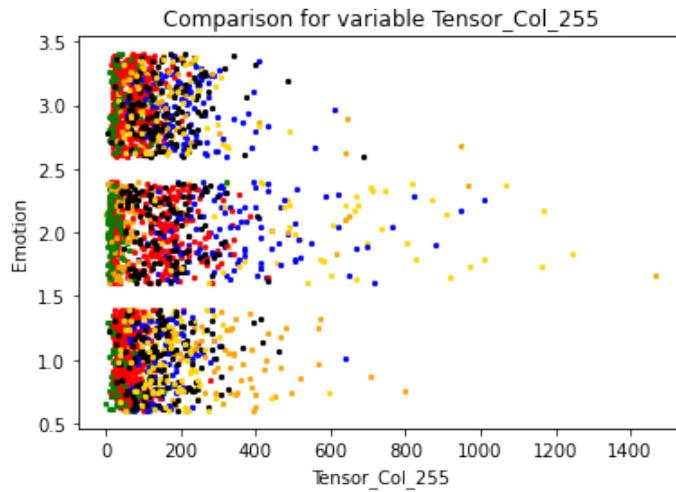
<Figure size 1440x432 with 0 Axes>



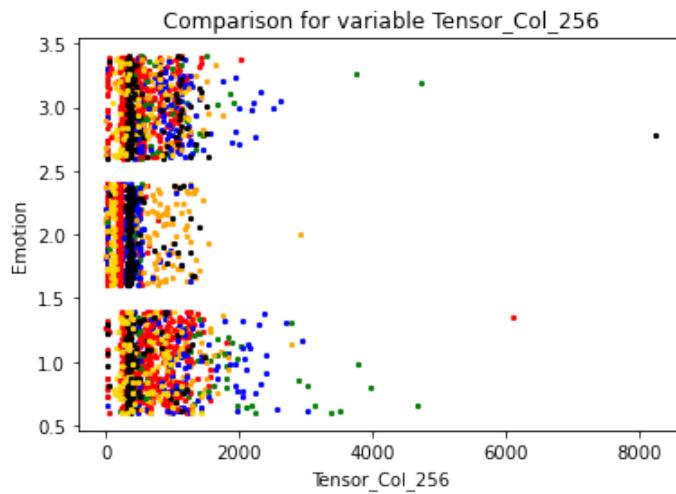
<Figure size 1440x432 with 0 Axes>



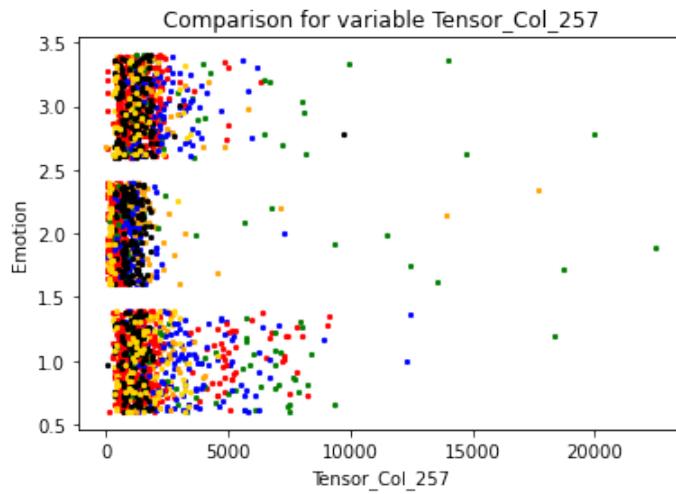
<Figure size 1440x432 with 0 Axes>



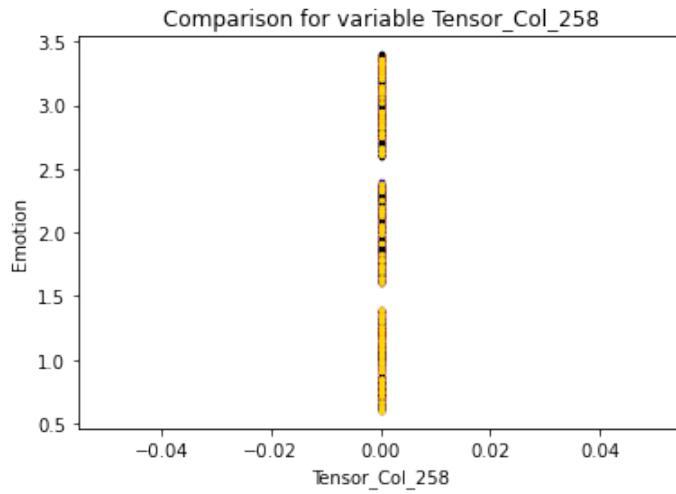
<Figure size 1440x432 with 0 Axes>



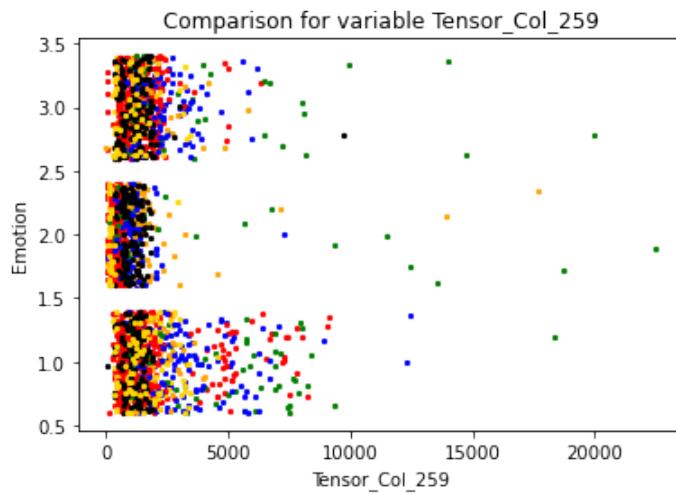
<Figure size 1440x432 with 0 Axes>



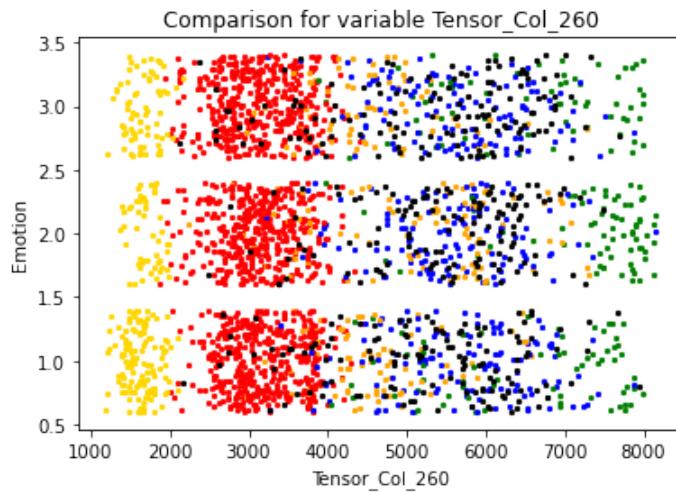
<Figure size 1440x432 with 0 Axes>



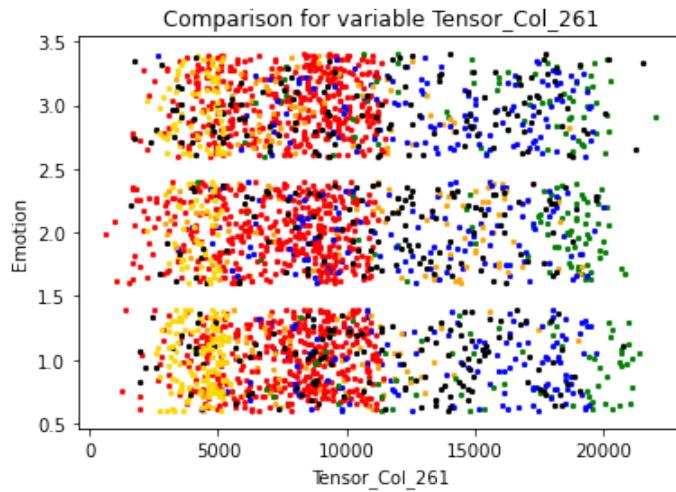
<Figure size 1440x432 with 0 Axes>



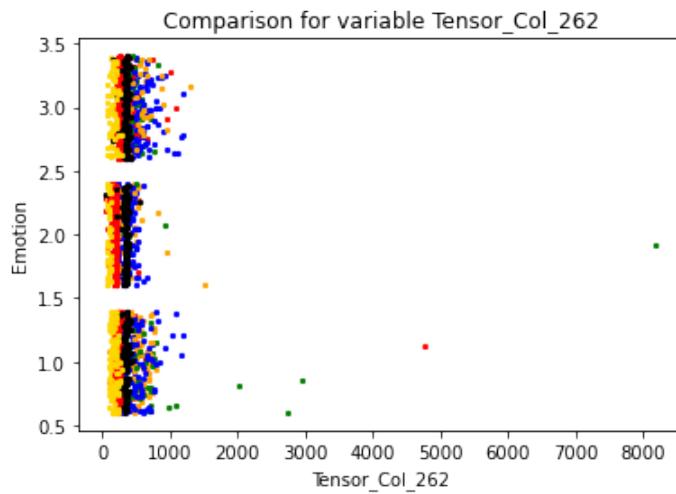
<Figure size 1440x432 with 0 Axes>



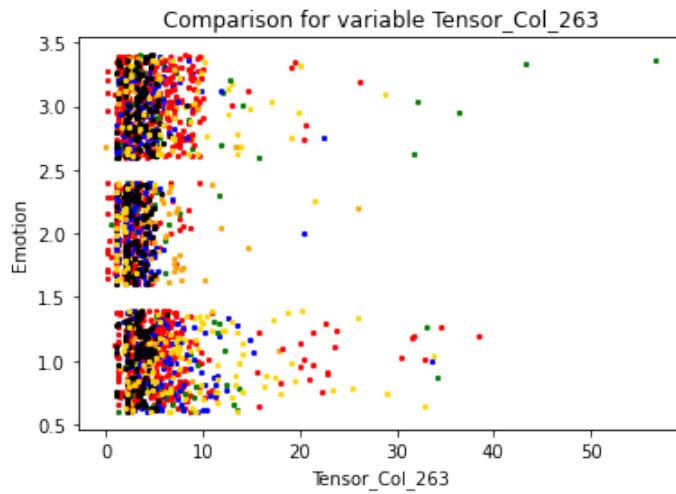
<Figure size 1440x432 with 0 Axes>



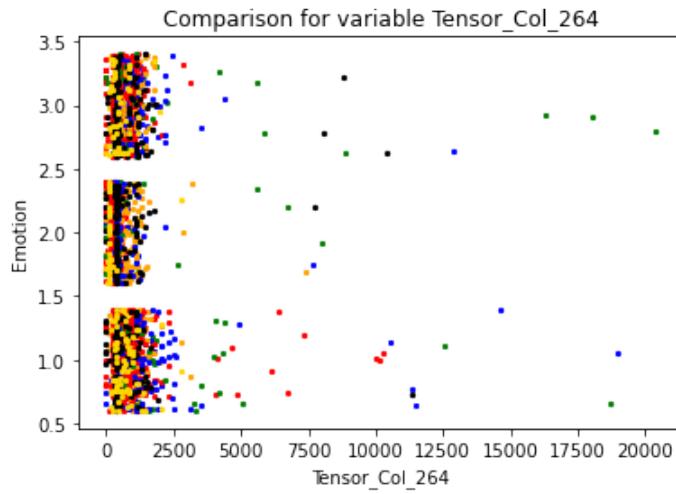
<Figure size 1440x432 with 0 Axes>



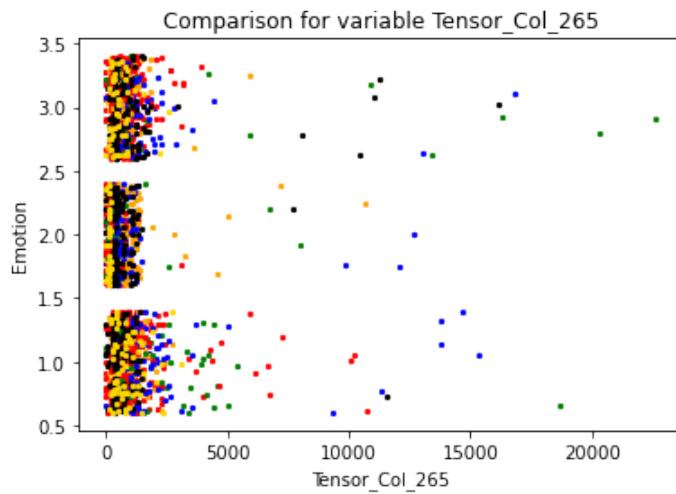
<Figure size 1440x432 with 0 Axes>



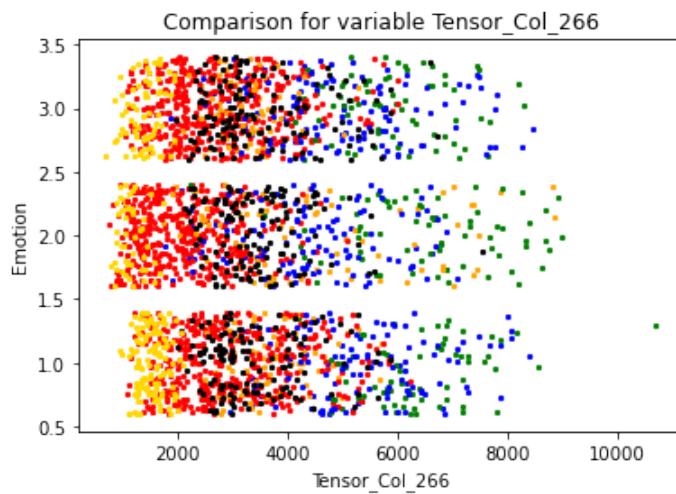
<Figure size 1440x432 with 0 Axes>



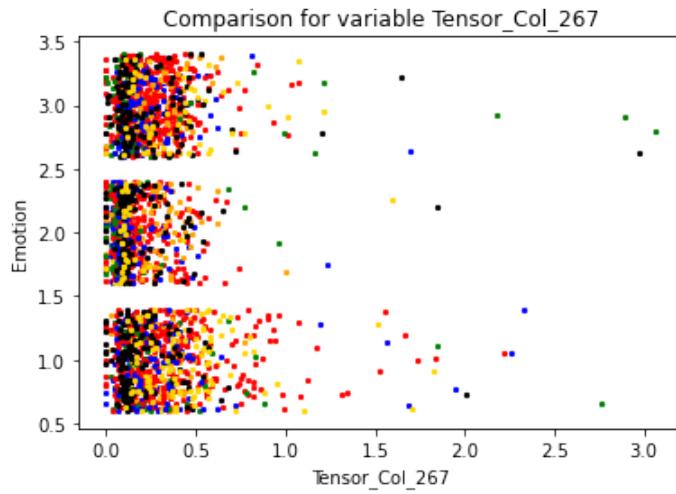
<Figure size 1440x432 with 0 Axes>



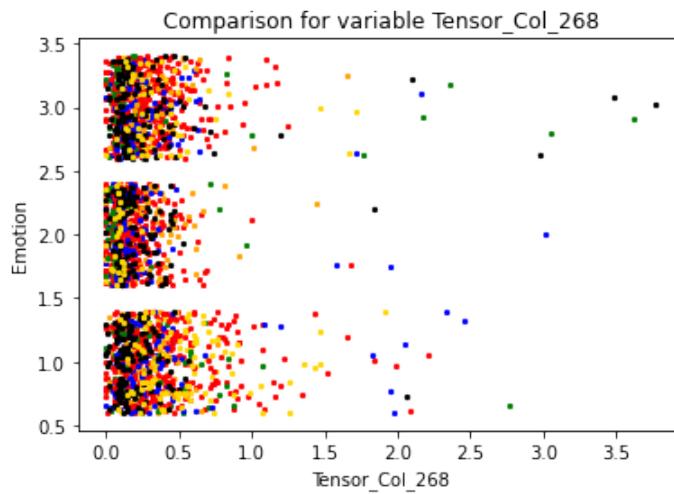
<Figure size 1440x432 with 0 Axes>



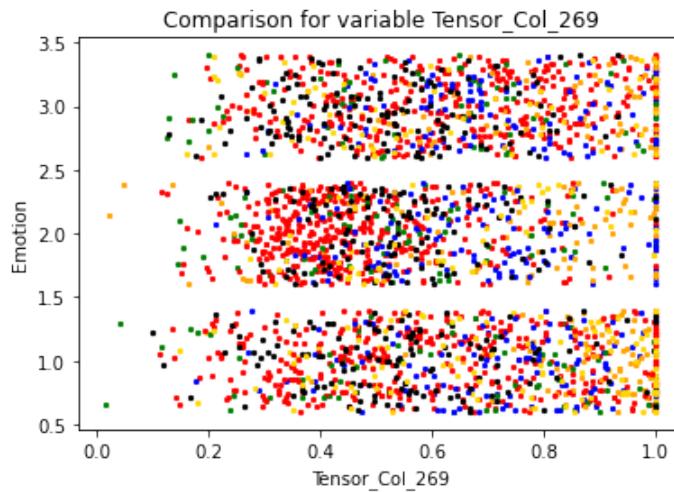
<Figure size 1440x432 with 0 Axes>



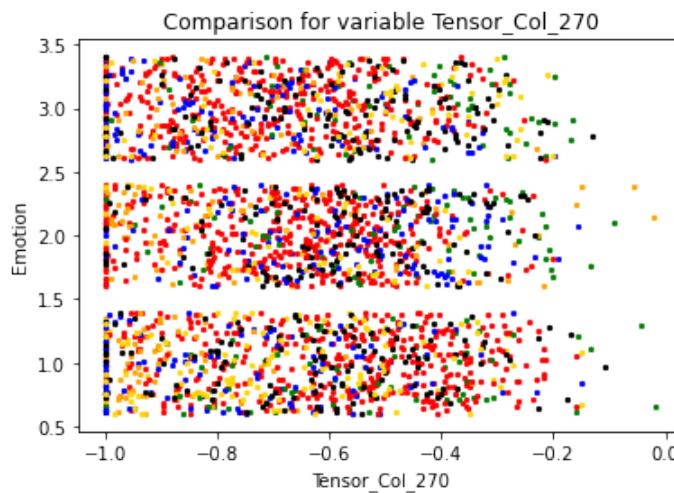
<Figure size 1440x432 with 0 Axes>



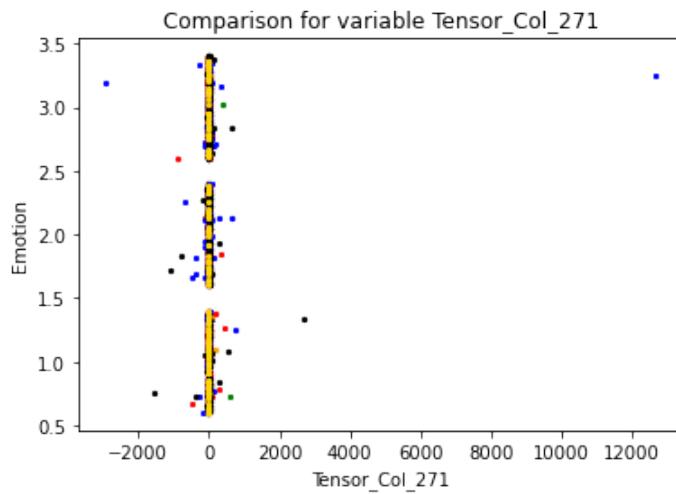
<Figure size 1440x432 with 0 Axes>



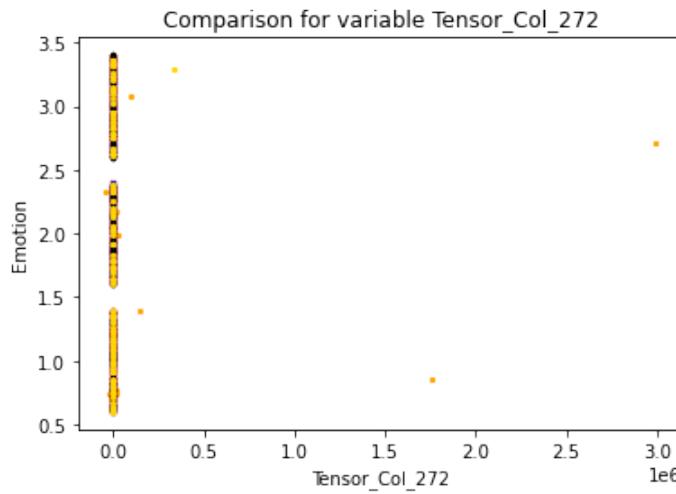
<Figure size 1440x432 with 0 Axes>



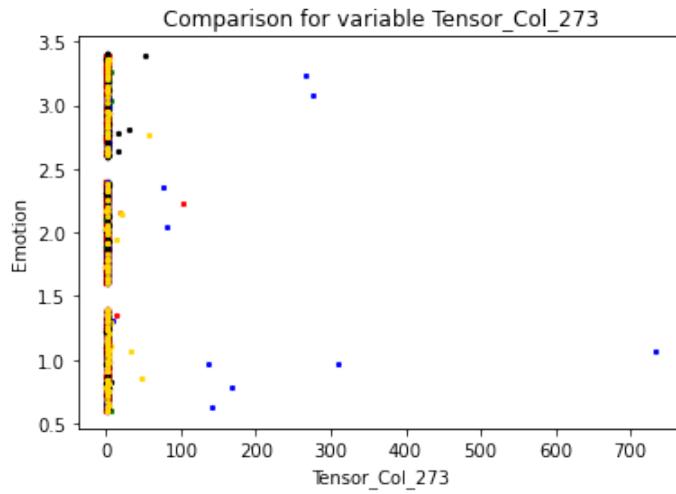
<Figure size 1440x432 with 0 Axes>



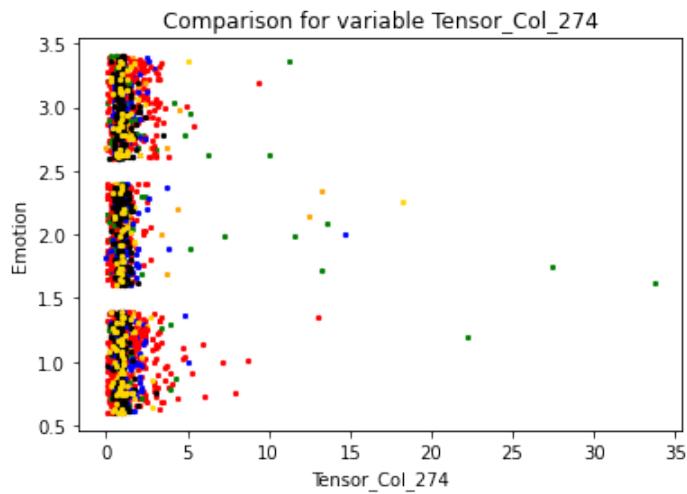
<Figure size 1440x432 with 0 Axes>



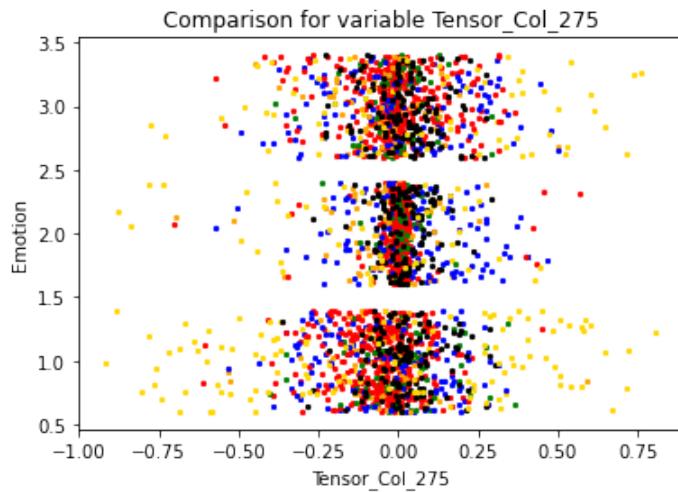
<Figure size 1440x432 with 0 Axes>



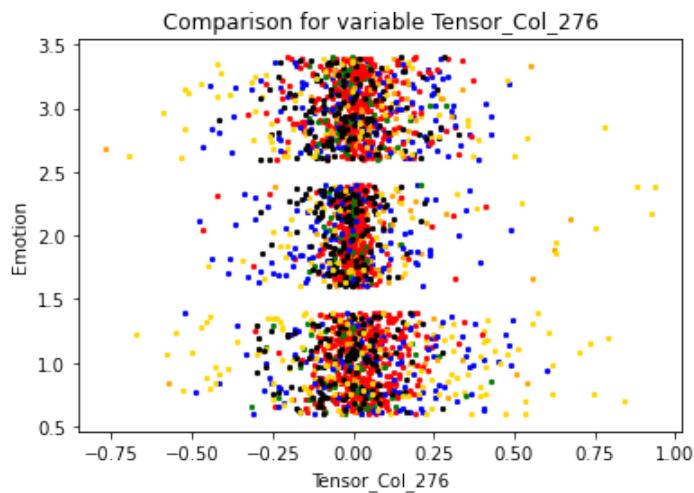
<Figure size 1440x432 with 0 Axes>



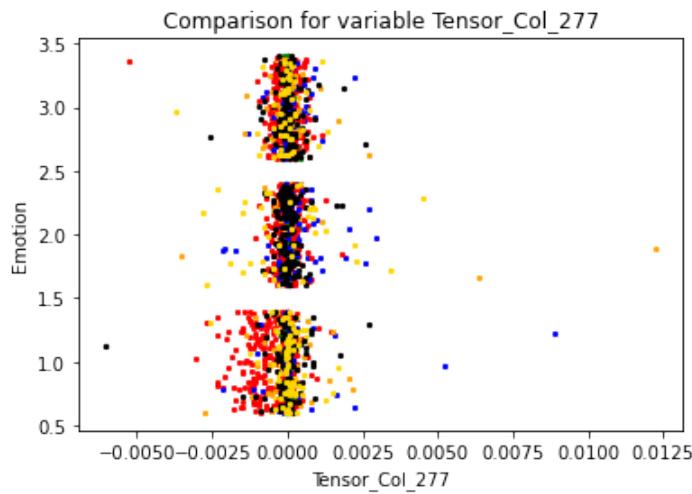
<Figure size 1440x432 with 0 Axes>



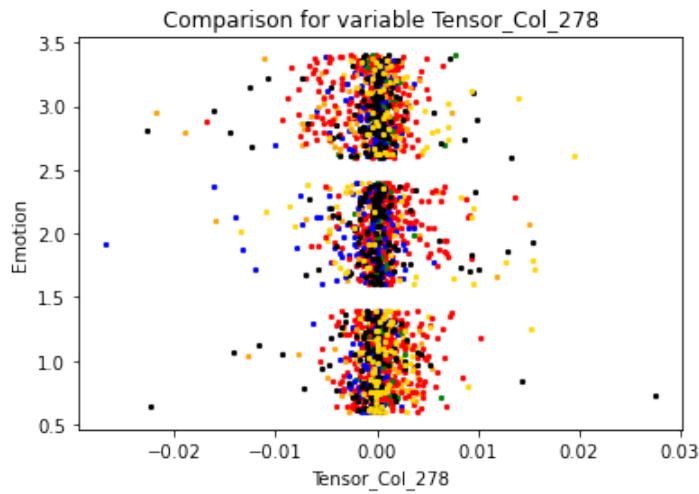
<Figure size 1440x432 with 0 Axes>



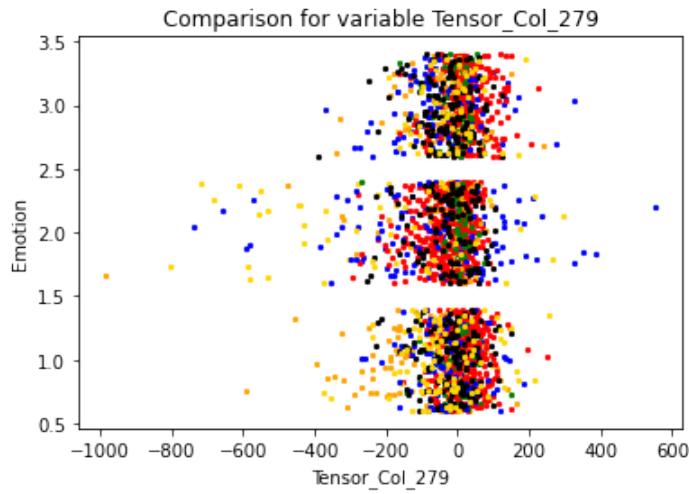
<Figure size 1440x432 with 0 Axes>



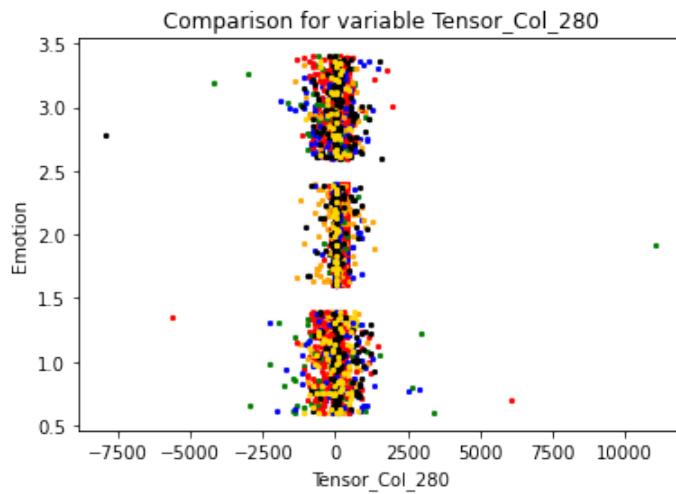
<Figure size 1440x432 with 0 Axes>



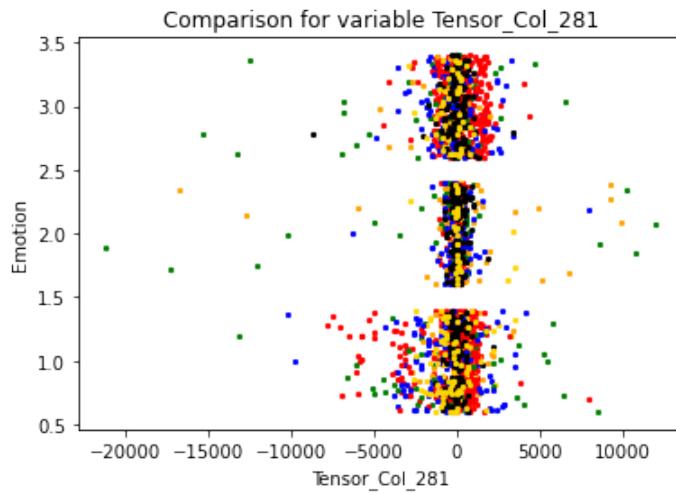
<Figure size 1440x432 with 0 Axes>



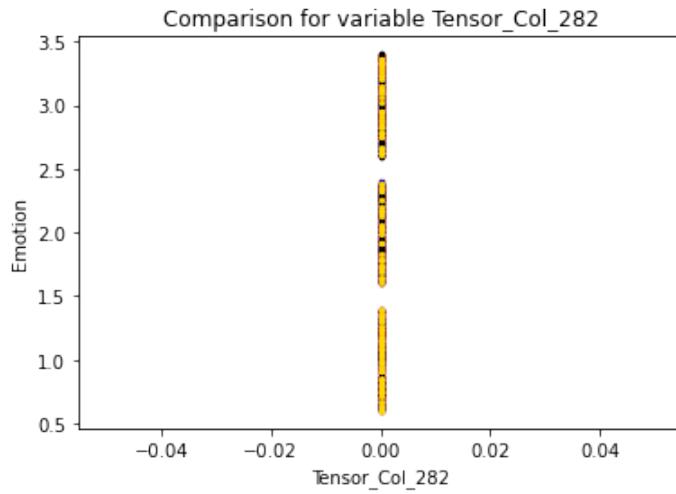
<Figure size 1440x432 with 0 Axes>



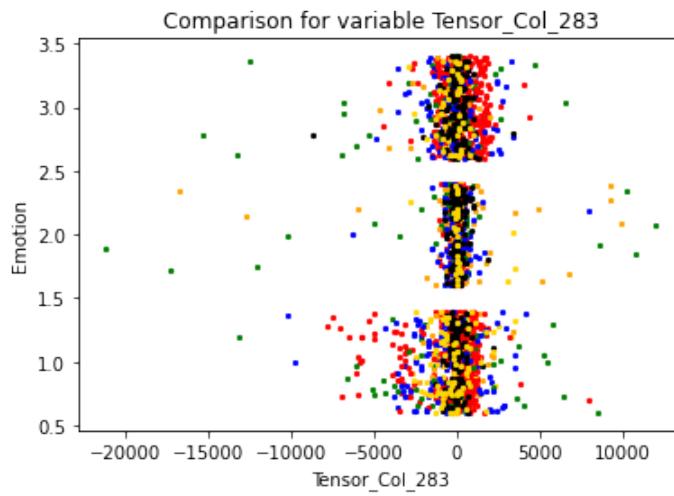
<Figure size 1440x432 with 0 Axes>



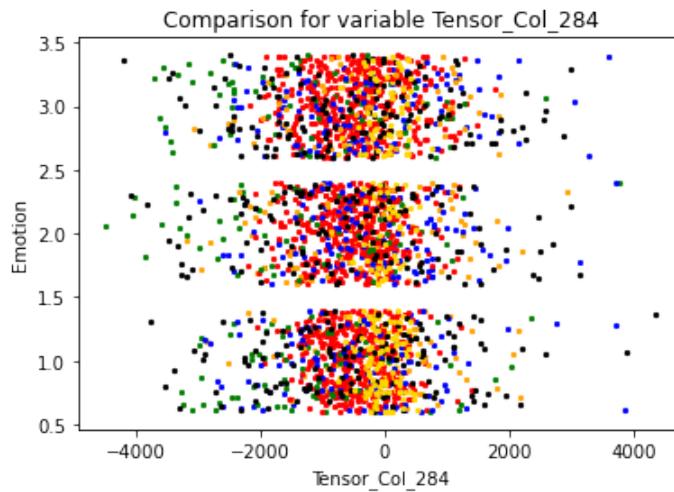
<Figure size 1440x432 with 0 Axes>



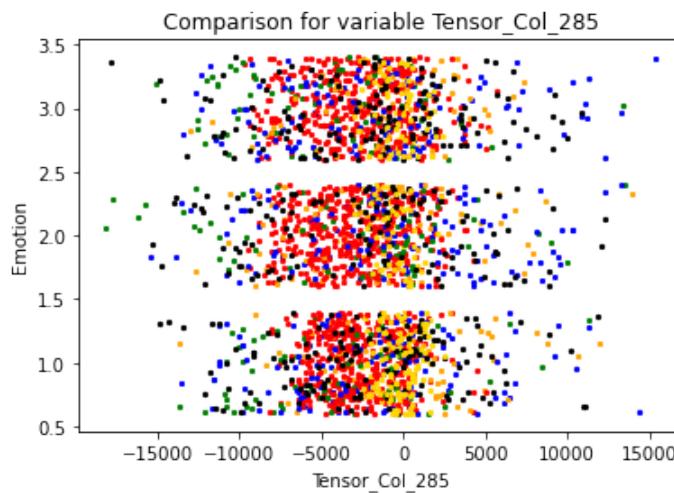
<Figure size 1440x432 with 0 Axes>



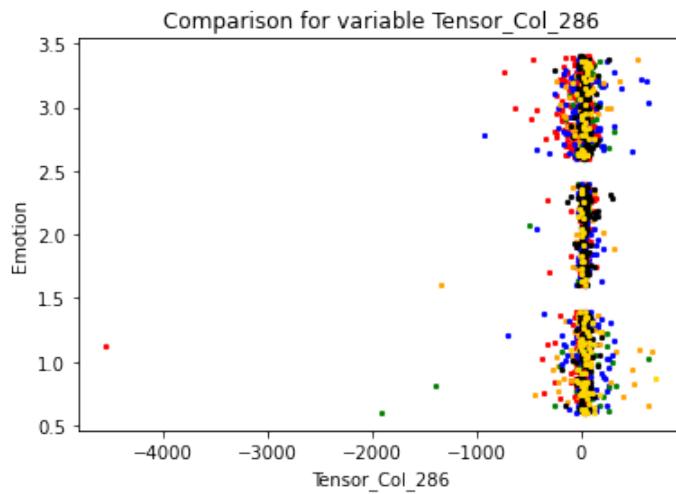
<Figure size 1440x432 with 0 Axes>



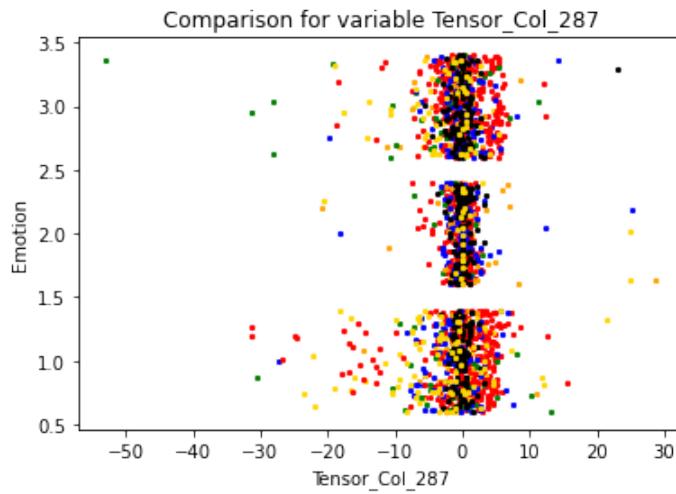
<Figure size 1440x432 with 0 Axes>



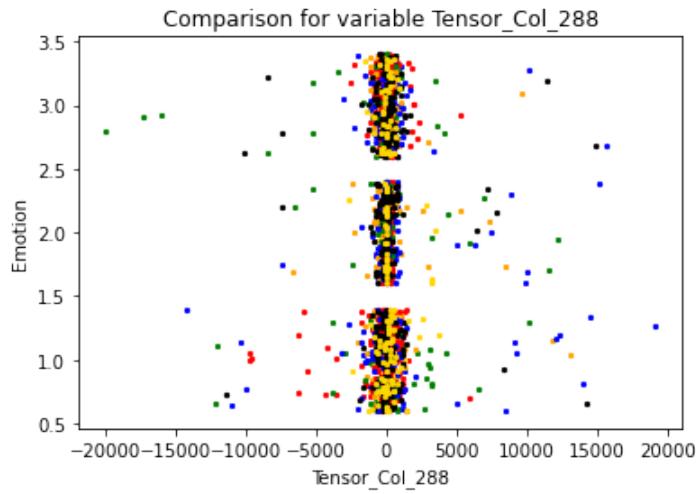
<Figure size 1440x432 with 0 Axes>



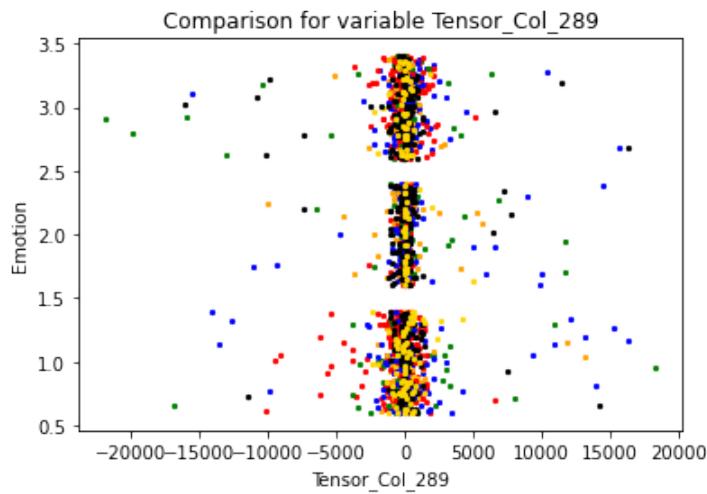
<Figure size 1440x432 with 0 Axes>



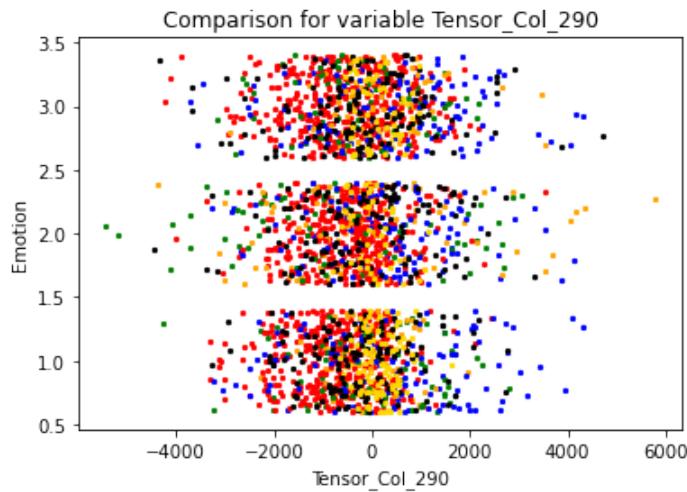
<Figure size 1440x432 with 0 Axes>



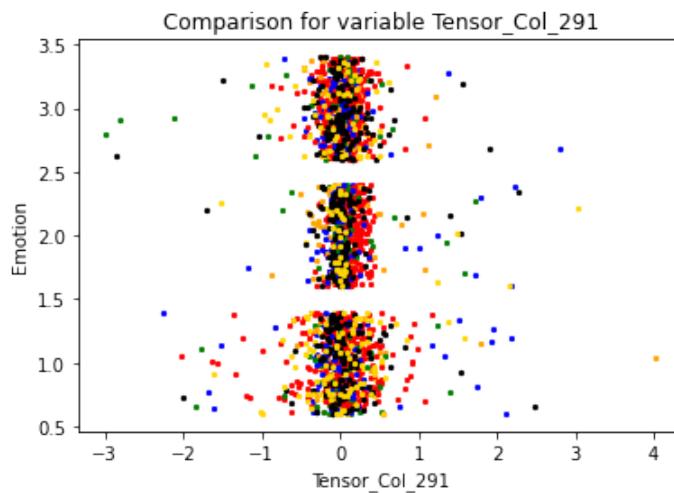
<Figure size 1440x432 with 0 Axes>



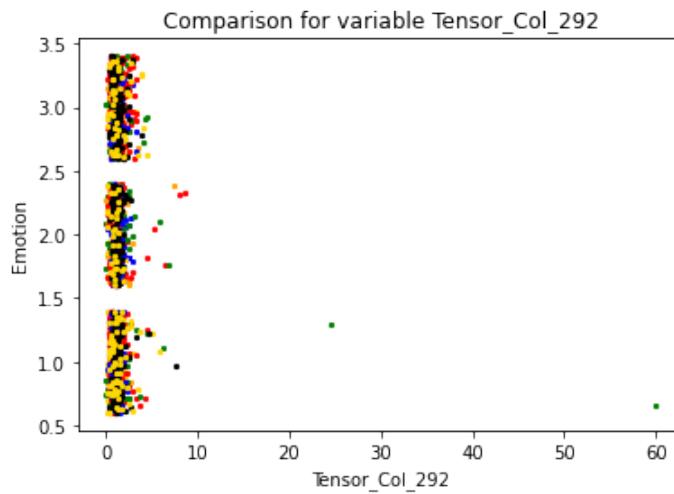
<Figure size 1440x432 with 0 Axes>



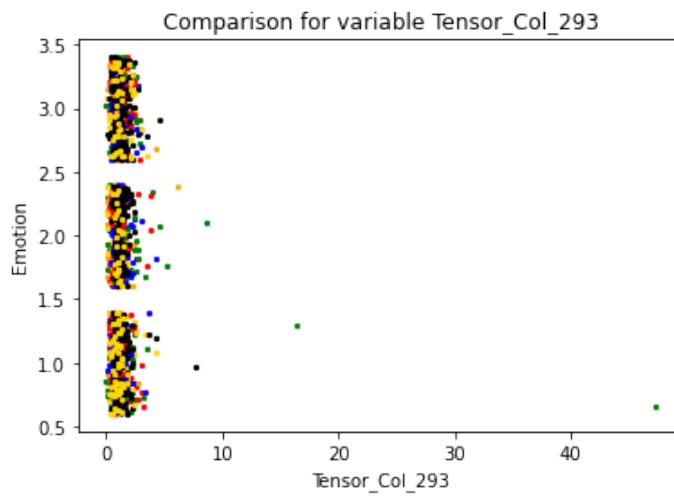
<Figure size 1440x432 with 0 Axes>



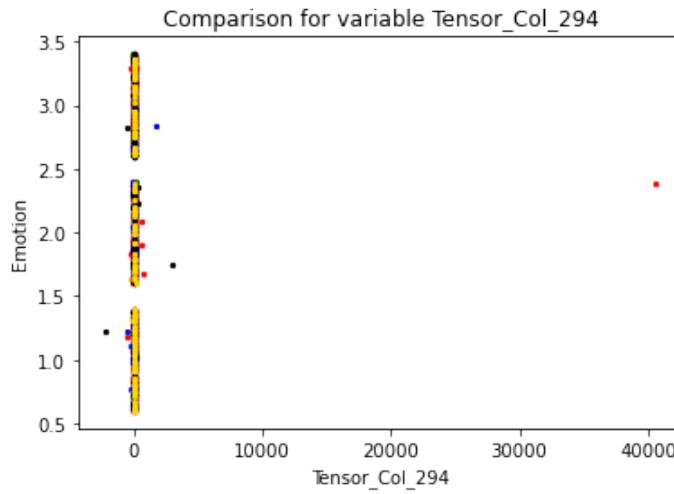
<Figure size 1440x432 with 0 Axes>



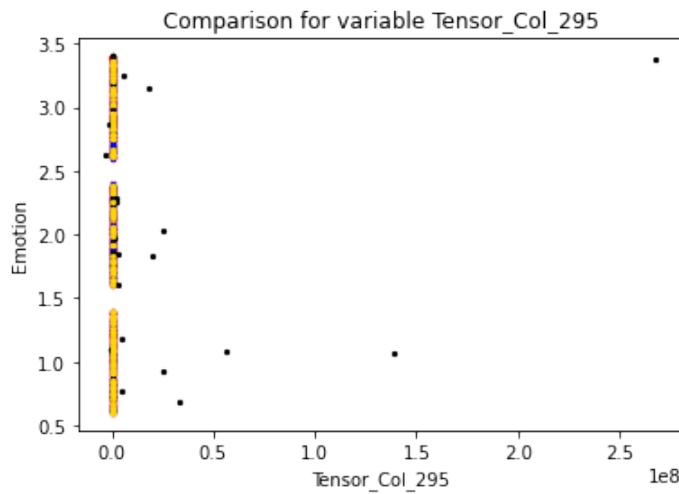
<Figure size 1440x432 with 0 Axes>



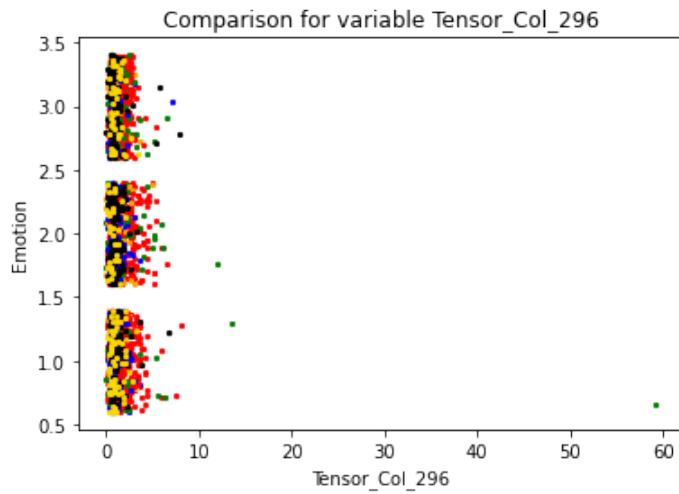
<Figure size 1440x432 with 0 Axes>



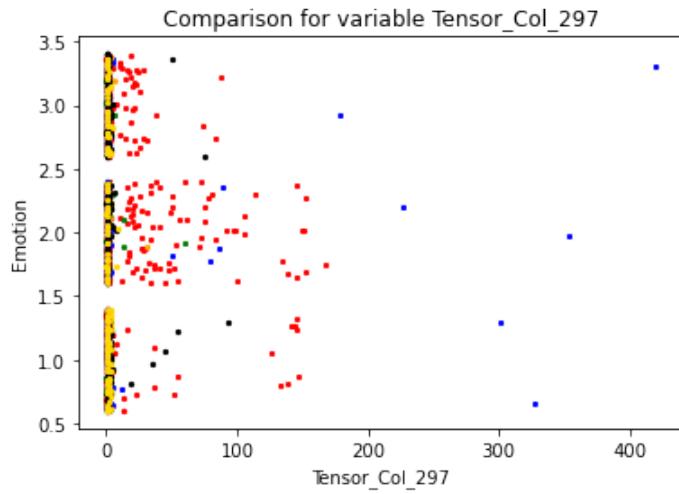
<Figure size 1440x432 with 0 Axes>



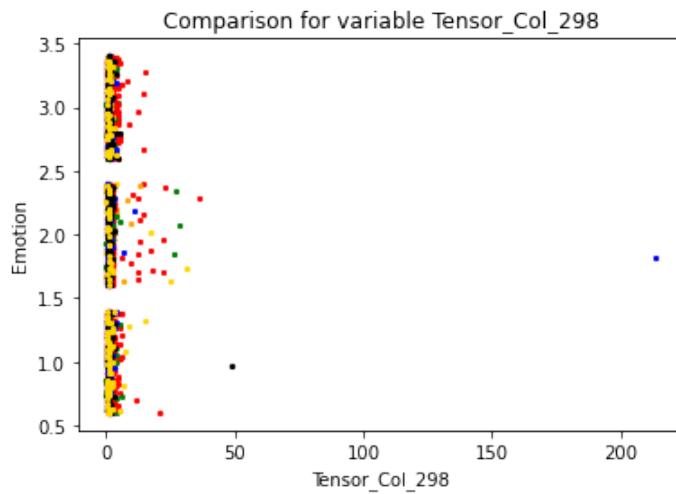
<Figure size 1440x432 with 0 Axes>



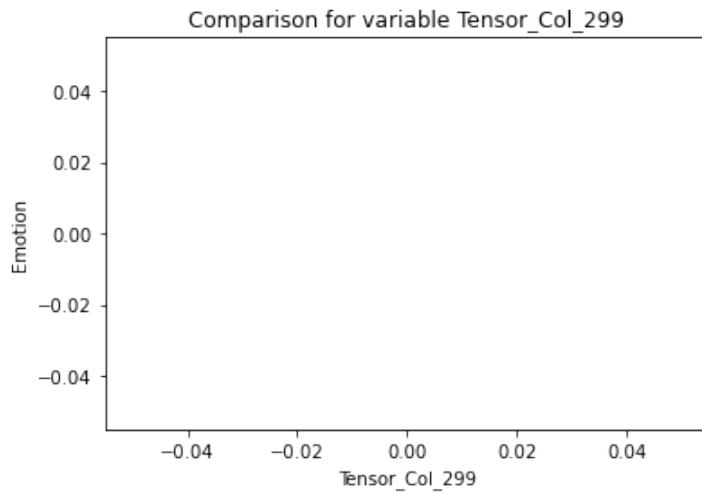
<Figure size 1440x432 with 0 Axes>



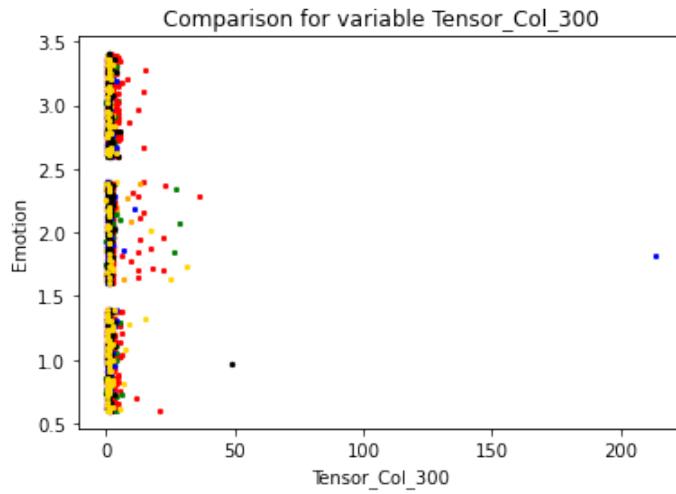
<Figure size 1440x432 with 0 Axes>



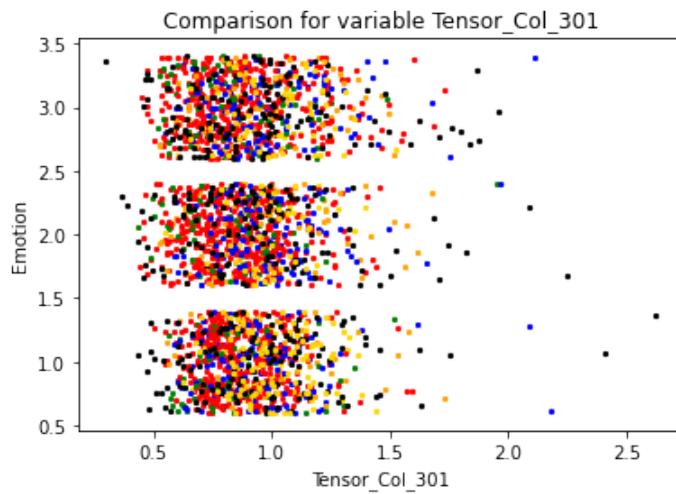
<Figure size 1440x432 with 0 Axes>



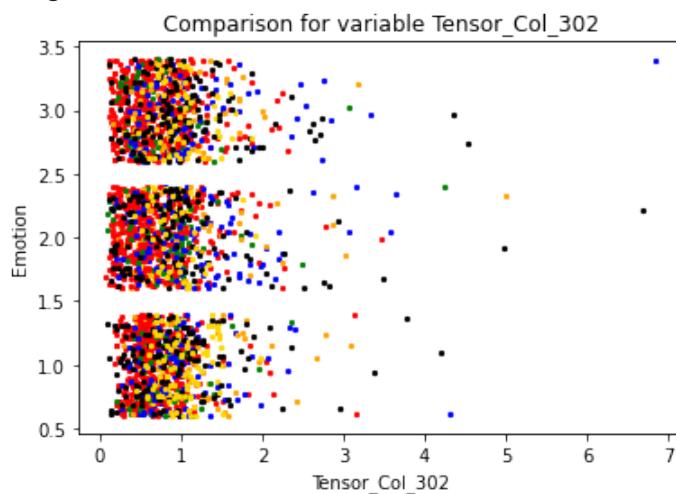
<Figure size 1440x432 with 0 Axes>



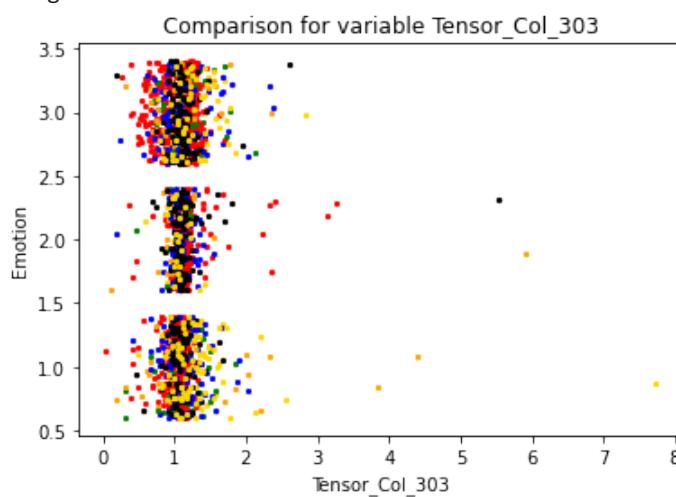
<Figure size 1440x432 with 0 Axes>



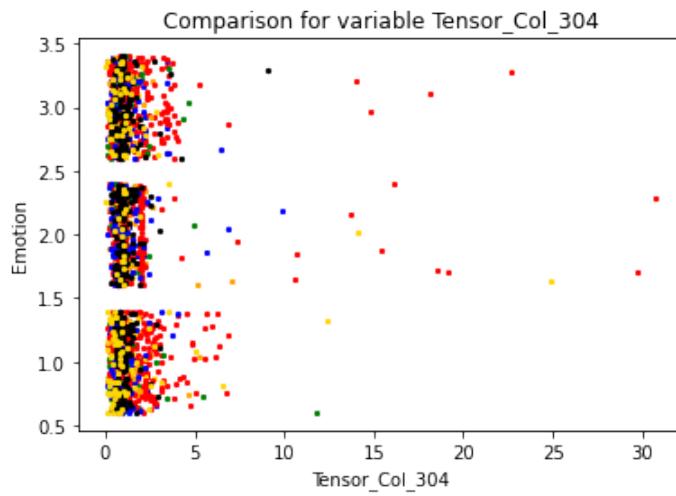
<Figure size 1440x432 with 0 Axes>



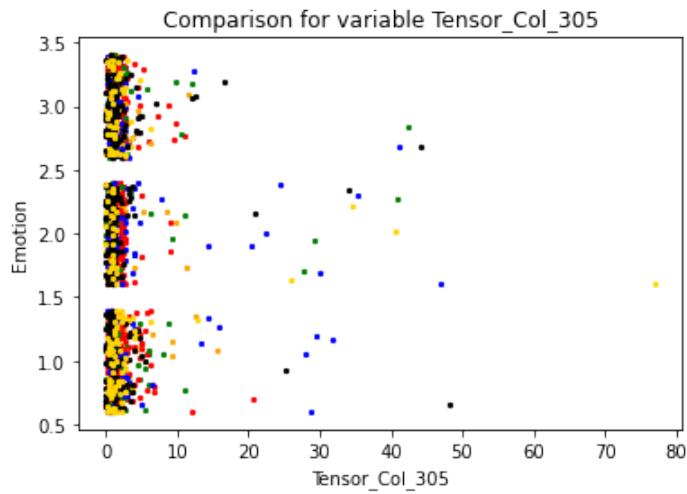
<Figure size 1440x432 with 0 Axes>



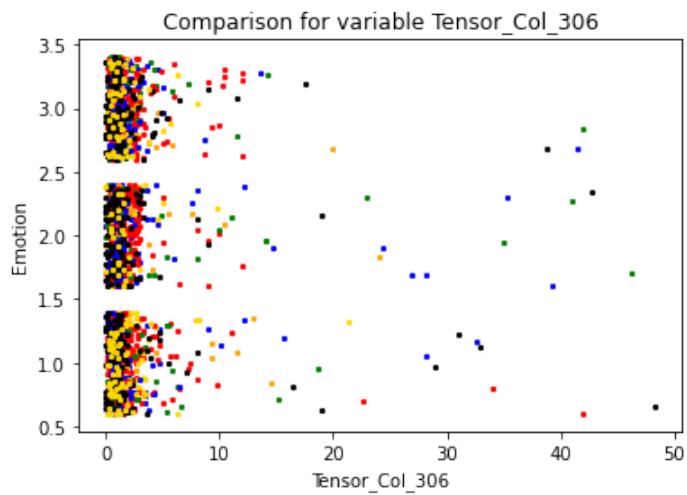
<Figure size 1440x432 with 0 Axes>



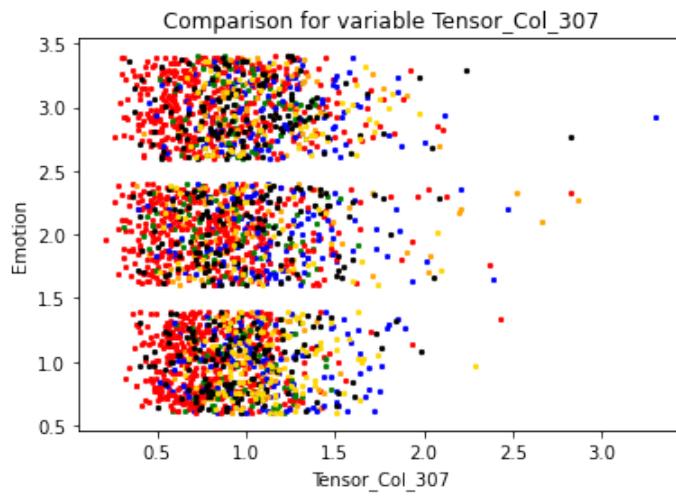
<Figure size 1440x432 with 0 Axes>



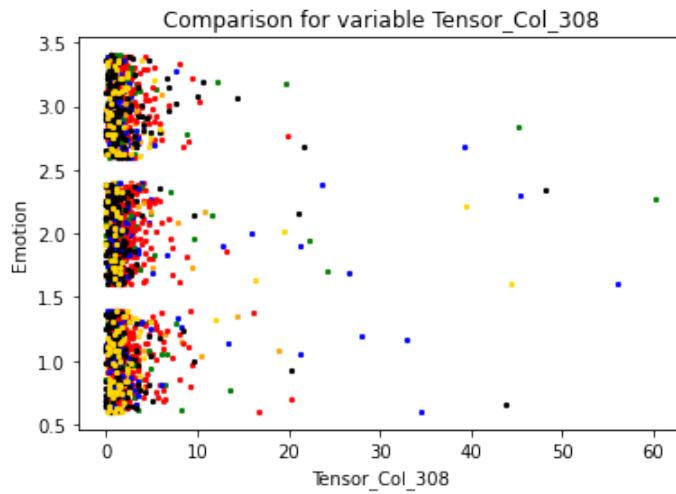
<Figure size 1440x432 with 0 Axes>



<Figure size 1440x432 with 0 Axes>



<Figure size 1440x432 with 0 Axes>



<Figure size 1440x432 with 0 Axes>