

create_boxplot(dataframe["Y"], "boxplot.png")

assert get_std(dataframe, "Y") == 5.004964559422916

"""Test the get_std function"""

mean_y = get_mean(dataframe, "Y")

std_y = get_std(dataframe, "Y")

median_y = get_median(dataframe, "Y")

def test_std():

test_std()

