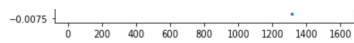
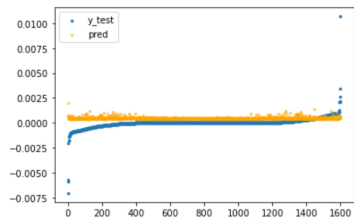


A scatter plot showing the residuals for two models: 'yl-test' (blue dots) and 'yl-pred' (pink dots). The y-axis represents the residual values, ranging from -0.0500 to 0.0100. The 'yl-test' residuals are widely scattered around the zero line, with some outliers reaching down to -0.0500. The 'yl-pred' residuals are much more tightly clustered around the zero line, indicating a better fit for the predicted values.



```
In [14]: 1 x_ax = range(len(X_test))
2
3 y_test_index = np.argsort(t_test.iloc[:, 0], axis=0).to_numpy()
4
5 f = plt.figure()
6 plt.scatter(x_ax, t_test.iloc[y_test_index], s=6, label="y_test")
7 plt.scatter(x_ax, ypred[y_test_index], s=6, label="pred", c="orange", alpha=0.5)
8 #plt.ylim(t_test.iloc[y_test_index[0]].to_numpy()[0])
9 plt.legend()
10 plt.show()
11
12 f.savefig("foo.pdf", bbox_inches='tight')
```



In []:

1

In []:

1