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In [ ]: import matplotlib.pyplot as plt
import seaborn as sns
import pandas as pd

## Cohen's Kappa Graph

data = {
    'Task 2 Feature 1 Transformer': [None, 0.01860835, -0.01159469, 0.015256699, 0.387059592,
    'Task 2 Feature 1 Logistic Regression': [0.01860835, None, 0.002971198, 0.990777197, 0.06
    'Task 2 Feature 2 Transformer': [-0.01159469, 0.002971198, None, 0.005995238, -0.04598585
    'Task 2 Feature 2 Logistic Regression': [0.015256699, 0.990777197, 0.005995238, None, 0.0
    'Task 2 Feature 3 Transformer': [0.387059592, 0.063105125, -0.045985853, 0.06123673, None
    'Task 2 Feature 3 Logistic Regression': [0.015256699, 0.092156505, 0.005995238, 0.0879699
    'True Labels': [0.052218456, 0.19271687, -0.036999508, 0.192235441, 0.088542208, 0.192235

}

df = pd.DataFrame(data, index=[
    'Task 2 Feature 1 Transformer',
    'Task 2 Feature 1 Logistic Regression',
    'Task 2 Feature 2 Transformer',
    'Task 2 Feature 2 Logistic Regression',
    'Task 2 Feature 3 Transformer',
    'Task 2 Feature 3 Logistic Regression',
    'True Labels'
])

plt.figure(figsize=(10, 8))
sns.heatmap(df, annot=True, fmt=".4f", cmap="coolwarm", cbar=True, linewidths=.5)

plt.title("Cohen's Kappa Heatmap")
plt.show()

```

