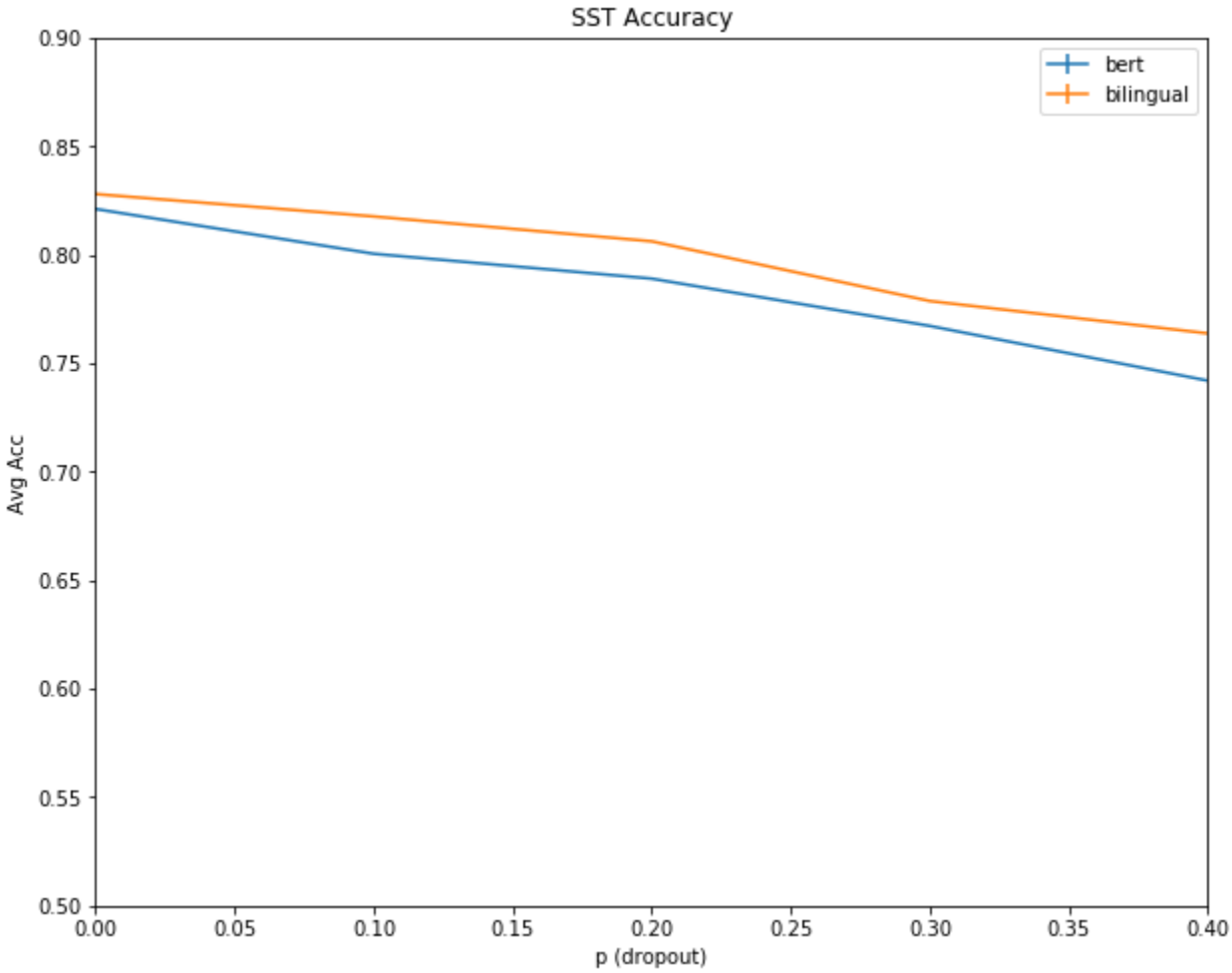
In [1]:

```
import matplotlib.pyplot as plt
from matplotlib.pyplot import figure
import csv

# Perturbation on input
x = []
y = []
y_err = []
z = []
z_err = []

with open('bert_sst_input', newline='') as csvfile:
    spamreader = csv.reader(csvfile, delimiter=',')
    for row in spamreader:
        x.append(float(row[0]))
        y.append(float(row[3]))
        y_err.append(float(row[4]))

with open('giga_sst_input', newline='') as csvfile:
    spamreader = csv.reader(csvfile, delimiter=',')
    for row in spamreader:
        z.append(float(row[3]))
        z_err.append(float(row[4]))

plt.figure(figsize=(10,8))
plt.axis([0.0, 0.4, 0.5, 0.9])
plt.errorbar(x,y, yerr=y_err, label='bert')
plt.errorbar(x,z, yerr=z_err, label='bilingual')

plt.xlabel('p (dropout)')
plt.ylabel('Avg Acc')
plt.title('SST Accuracy')
plt.legend()
plt.show()
```


SST Accuracy
bert
bilingual
Avg Acc
p (dropout)
0.90
0.85
0.80
0.75
0.70
0.65
0.60
0.55
0.50
0.00
0.05
0.10
0.15
0.20
0.25
0.30
0.35
0.40

In [ ]: