In [31]:

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

In [47]:

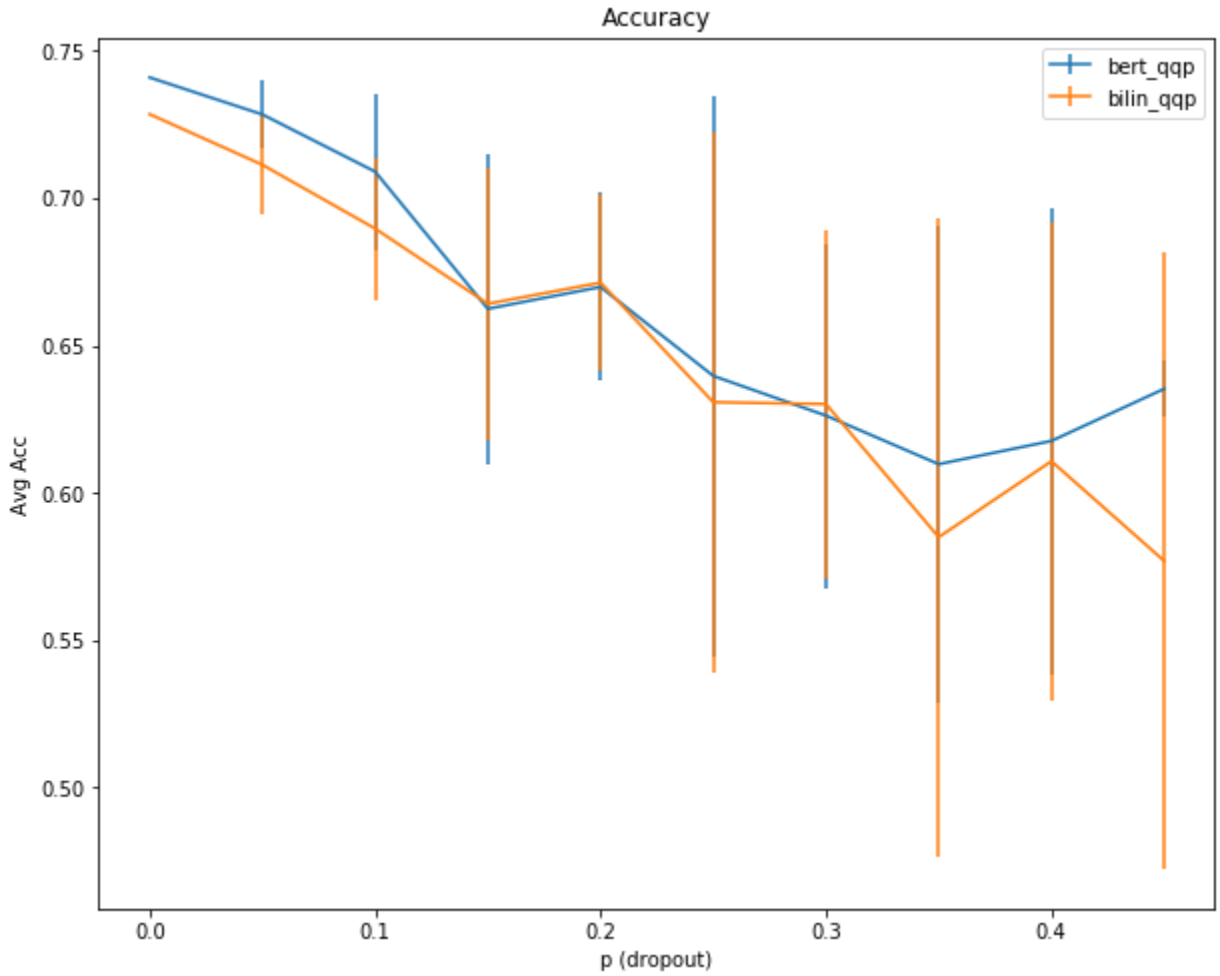
```
x = []
y = []
y_err = []
z = []
z_err = []

with open('bert_qqp', newline='') as csvfile:
    spamreader = csv.reader(csvfile, delimiter=',')
    for row in spamreader:
        x.append(float(row[0]))
        y.append(float(row[1]))
        y_err.append(float(row[2]))

with open('giga_qqp', newline='') as csvfile:
    spamreader = csv.reader(csvfile, delimiter=',')
    for row in spamreader:
        z.append(float(row[1]))
        z_err.append(float(row[2]))

plt.figure(figsize=(10,8))
plt.errorbar(x,y, yerr=y_err, label='bert_qqp')
plt.errorbar(x,z, yerr=z_err, label='bilin_qqp')

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



In [46]:

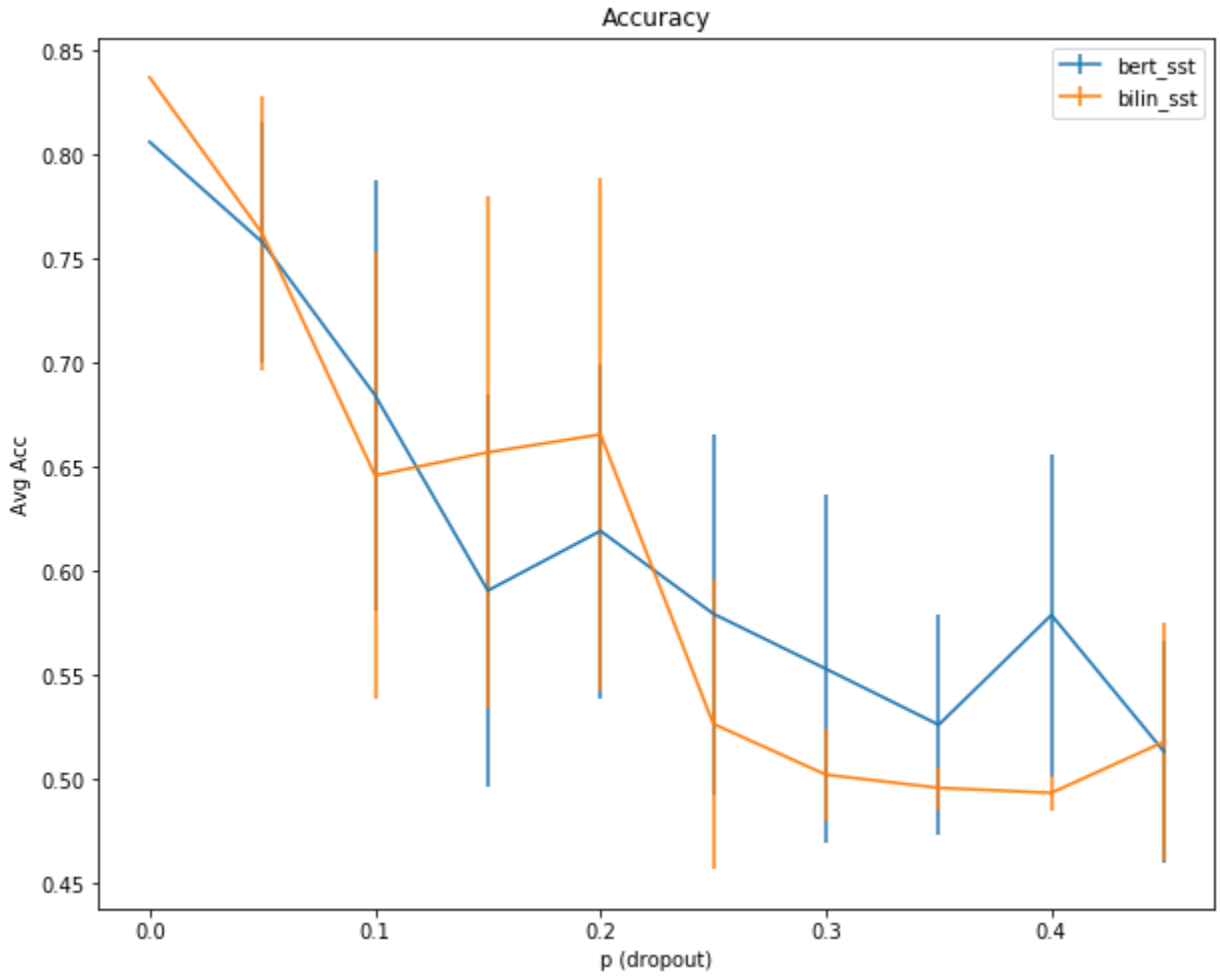
```
x = []
y = []
y_err = []
z = []
z_err = []

with open('bert_sst', newline='') as csvfile:
    spamreader = csv.reader(csvfile, delimiter=',')
    for row in spamreader:
        x.append(float(row[0]))
        y.append(float(row[1]))
        y_err.append(float(row[2]))

with open('giga_sst', newline='') as csvfile:
    spamreader = csv.reader(csvfile, delimiter=',')
    for row in spamreader:
        z.append(float(row[1]))
        z_err.append(float(row[2]))

plt.figure(figsize=(10,8))
plt.errorbar(x,y, yerr=y_err, label='bert_sst')
plt.errorbar(x,z, yerr=z_err, label='bilin_sst')

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



In [45]:

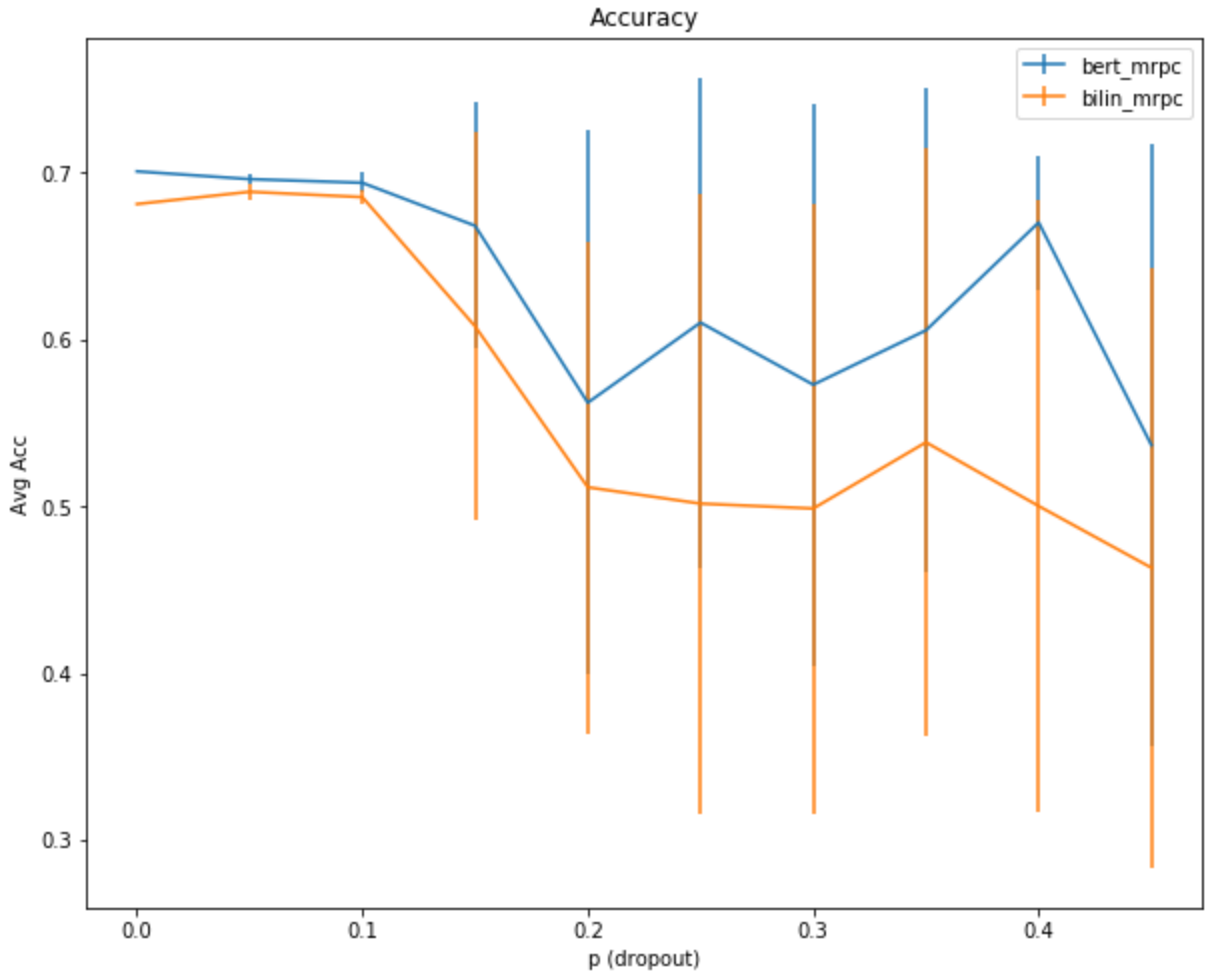
```
x = []
y = []
y_err = []
z = []
z_err = []

with open('bert_mrpc', newline='') as csvfile:
    spamreader = csv.reader(csvfile, delimiter=',')
    for row in spamreader:
        x.append(float(row[0]))
        y.append(float(row[1]))
        y_err.append(float(row[2]))

with open('giga_mrpc', newline='') as csvfile:
    spamreader = csv.reader(csvfile, delimiter=',')
    for row in spamreader:
        z.append(float(row[1]))
        z_err.append(float(row[2]))

plt.figure(figsize=(10,8))
plt.errorbar(x,y, yerr=y_err, label='bert_mrpc')
plt.errorbar(x,z, yerr=z_err, label='bilin_mrpc')

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


Accuracy
bert_mrpc
bilin_mrpc
Avg Acc
0.7
0.6
0.5
0.4
0.3
0.0
0.1
0.2
0.3
0.4
p (dropout)

In [ ]: