In [33]:
```
import numpy as np
from sklearn import linear_model, datasets,cross_validation
d = datasets.load_diabetes()
X = d.data
y = d.target
X_train,X_test,y_train,y_test=cross_validation.train_test_split(X,y,test_size=0.3
clf=linear_model.LinearRegression()
clf.fit(X_train,y_train)
accuracy=clf.score(X_test,y_test)
print(accuracy)
```

```
0.467479278364
```

In [34]:
```
print(len(X_train))
print(len(y_train))
print(len(X_test))
print(len(y_test))
```

```
309
309
133
133
```

In [ ]:
```

```