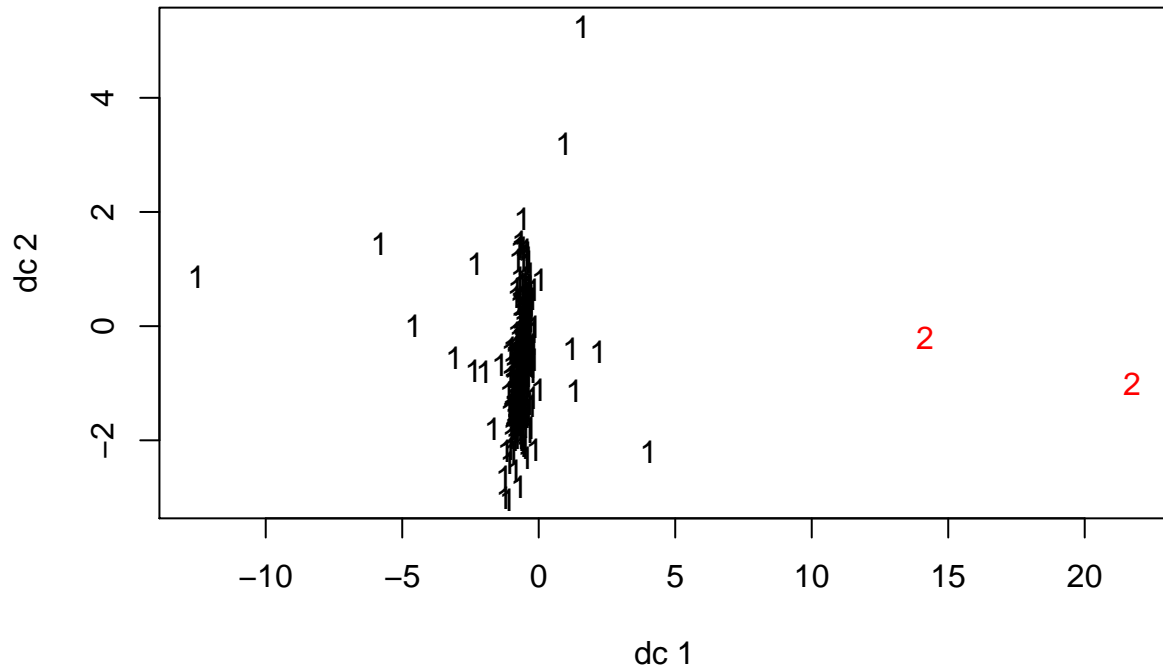


Try to fit polynoimal model

2019-1-31

K means to cluster the covariates

```
## kmeans to cluster the covariates  
km_plm = kmeans(v[,1:4], 2, nstart = 20)  
plotcluster(v[,1:4], km_plm$cluster)
```



However, there are very few people in one group

Plot the fitted polynomial lines

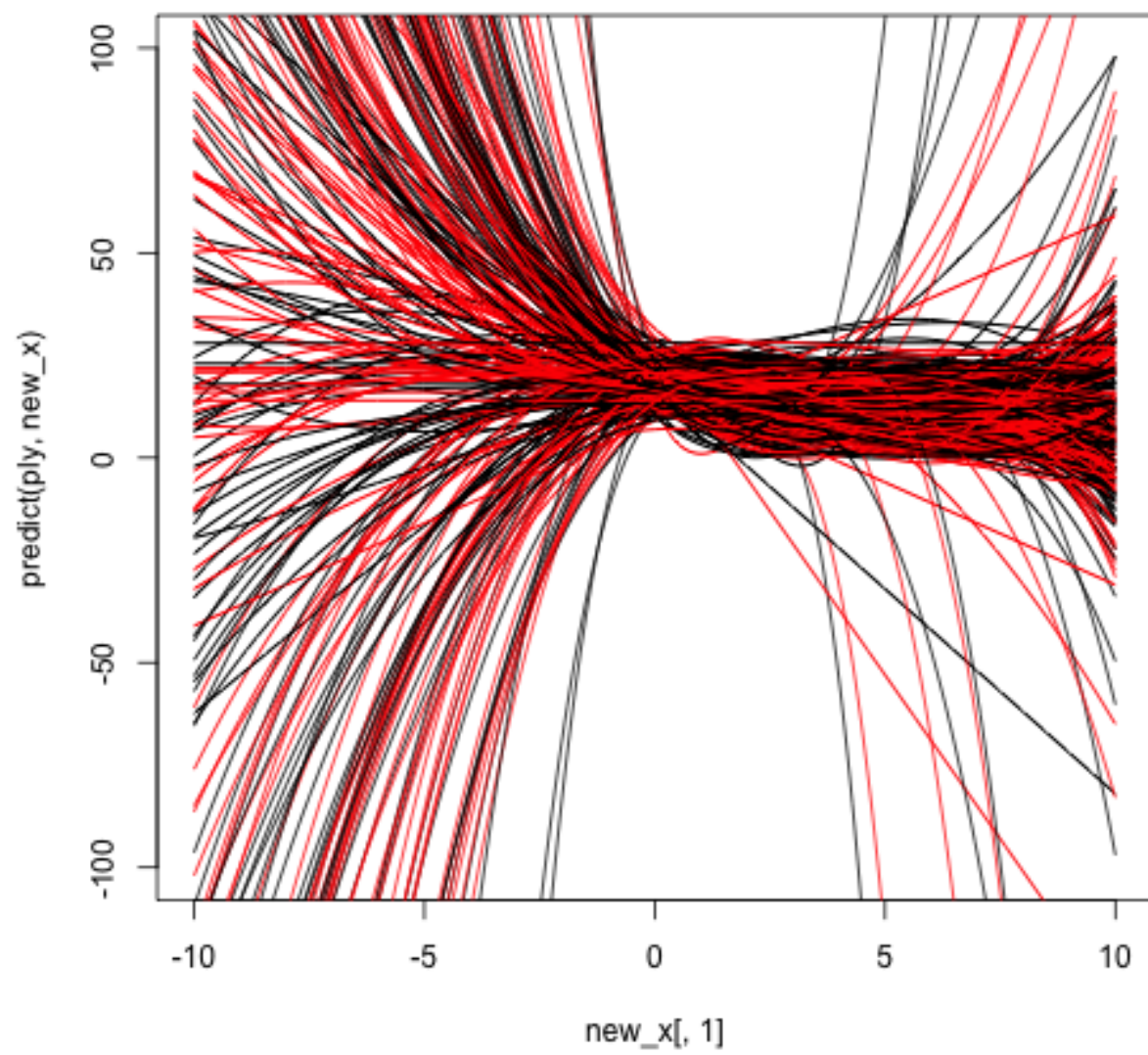
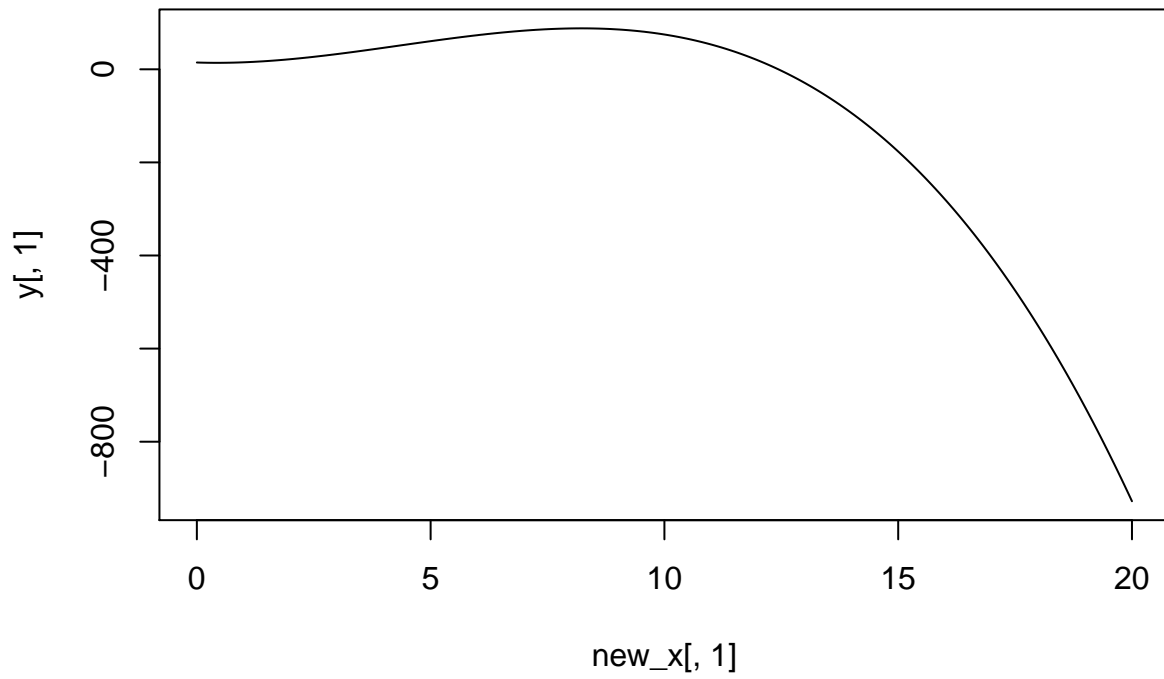
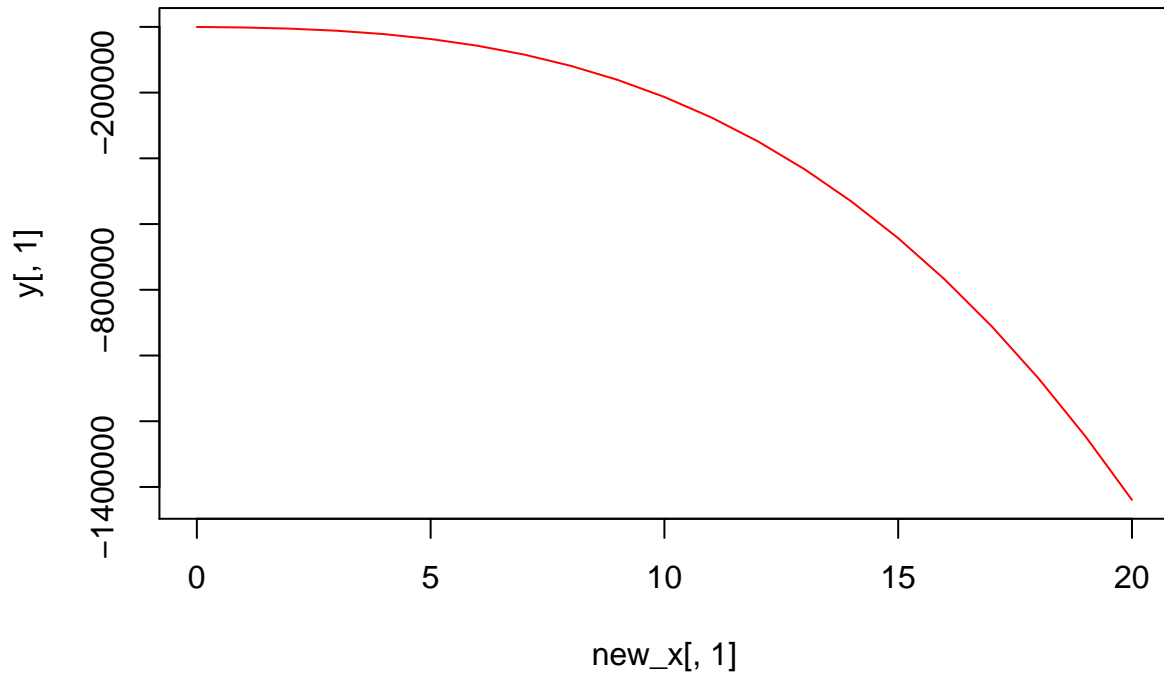


Figure 1:

plot for cluster 1



plot for cluster 2



The summary of number of clusters

	cluster 1	cluster 2	Total
Drug	76	0	76

	cluster 1	cluster 2	Total
Placebo	72	2	74
Total	148	2	150