WEEKLY REPORT 20/11/2014

List of Features:

0-spos:: number of words in one review that map to strong positive in the dictionary

1-wpos

2-sneu

3-wneu

4-sneg

5-wneg

6-pos

7-neg

8-negation

9-len

10-day

11-vote

12-pos (WordNet)

13-neg (WordNet)

14-character_count

15-uppercase_count

16-lowercase_count

17-punctuation_count

18-alphabetic_count

19-numeric_count

20-1 star (Bag of words)

21-2 star (Bag of words)

22-3 star (Bag of words)

23-4 star (Bag of words)

24-5 star (Bag of words)

Put table mutual_info and PCC score here

# Features	mutual information	PCC
0	0.0927815181	0.0903658491
1	0.0943339902	-0.0570241331
2	0.0503507516	-0.1082753224
3	0.0647941896	-0.136978806
4	0.09351242	-0.279446049

5	0.0727823628	-0.240633071			
6	0.1358688632	-0.0567549444			
7	0.1457278019	-0.2697715562			
8	0.0757117812	-0.2575723079			
9	0.6385285802	-0.153142069			
10	0.0026563788	-0.0016561843			
11	0.0449040492	-0.026564253			
12	1.4597446389	-0.0405194947			
13	1.4621774296	-0.2398235775			
14	1.1786996041	-0.145964132			
15	0.1797516526	-0.1263577924			
16	1.1031838378	-0.1429638135			
17	0.2191398531	-0.1341208976			
18	1.1266395011	-0.1433751799			
19	0.060229426	-0.1403685205			
20	0.9917703132	-0.0133283845			
21	0.7933696034	0.1204474404			
22	0.6799529815	0.1197528927			
23	0.9904469334	-0.1388707886			
24	0.8339643766	0.1487493243			

Put table r^2 score here

#	Manually Selected Features	Accuracy SVM	Wrong rate SVM	R^2 score SVM	Accurac y RF	Wrong rate RF	R^2 score RF
1	[0, 1, 2, 3, 4,	0.48	0.215	0.000339827	0.35	0.305	-0.28285002

	5, 8]			8			27
2	[0, 1, 2, 3, 4, 5, 8, 9, 10, 11]	0.43	0.205	-0.03930675 12	0.405	0.225	-0.03930675 12
3	[0, 1, 2, 3, 4, 5, 8, 14, 15, 16, 17, 18, 19]	0.47	0.225	-0.11859990 94	0.435	0.23	-0.07895333 03
4	[0, 1, 2, 3, 4, 5, 8, 9, 10, 11, 14, 15, 16, 17, 18, 19]	0.44	0.205	-0.05346624 38	0.435	0.23	-0.01098776 62
5	[6, 7, 8]	0.485	0.22	-0.20922066 15	0.37	0.24	-0.35081558 68
6	[6, 7, 8, 9, 10, 11]	0.4	0.21	-0.22621205 26	0.4	0.215	-0.25736293 61
7	[6, 7, 8, 14, 15, 16, 17, 18, 19]	0.48	0.205	-0.11859990 94	0.415	0.215	-0.22904395 11
8	[6, 7, 8, 9, 10, 11, 14, 15, 16, 17, 18, 19]	0.45	0.21	-0.10444041 69	0.43	0.195	-0.02231536 02
9	[12, 13, 8]	0.505	0.205	-0.08461712 73	0.355	0.295	-0.33665609 42
10	[12, 13, 8, 9, 10, 11]	0.425	0.205	-0.13559130 04	0.345	0.245	-0.25736293 61
11	[12, 13, 8, 14, 15, 16, 17, 18, 19]	0.48	0.2	-0.05629814 23	0.405	0.23	-0.14125509 74
12	[12, 13, 8, 9, 10, 11, 14, 15, 16, 17,	0.43	0.195	-0.05629814 23	0.385	0.225	-0.22054825 56

	18, 19]						
13	[20, 21, 22, 23, 24]	0.535	0.165	0.150430448 6	0.49	0.185	0.031490711 4
14	[20, 21, 22, 23, 24, 9, 10, 11]	0.46	0.19	-0.07895333 03	0.445	0.175	-0.04497054 83
15	[20, 21, 22, 23, 24, 14, 15, 16, 17, 18, 19]	0.495	0.18	0.045650203 9	0.515	0.165	0.153262347 1









