

EXHAUSTIVE MACRO F1																
	Emotions		Flags		GpositiveGO		GpositivePseAAC		Scene		VirusGO		VirusPseAAC		Yelp	
Fold	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster
1	154	4	246	3	3	2	8	2	55	3	2	2	201	5	35	3
2	21	2	597	4	3	2	14	3	140	3	5	2	138	3	52	5
3	7	2	409	4	14	3	8	2	67	3	8	2	186	4	45	4
4	99	3	158	3	5	2	8	2	61	3	31	3	103	3	38	3
5	7	2	17	2	14	3	7	2	161	4	52	3	151	4	45	4
6	118	4	47	3	6	2	13	3	44	2	9	2	197	5	52	5
7	7	2	120	3	2	2	7	2	44	2	12	2	103	3	52	5
8	158	4	583	4	3	2	4	2	153	4	6	2	150	4	45	4
9	37	3	79	2	3	2	12	3	59	3	10	2	81	3	45	4
10	82	3	523	4	8	2	12	3	160	4	13	2	123	4	42	4
EXHAUSTIVE MICRO F1																
	Emotions		Flags		GpositiveGO		GpositivePseAAC		Scene		VirusGO		VirusPseAAC		Yelp	
Fold	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster
1	76	3	246	3	3	2	4	2	55	3	2	2	202	5	52	5
2	21	2	393	3	3	2	14	3	128	3	5	2	39	2	52	5
3	18	2	402	4	14	3	5	2	67	3	8	2	202	5	52	5
4	99	3	346	3	5	2	4	2	61	3	31	3	201	5	29	3
5	7	2	52	2	14	3	9	3	5	2	52	3	42	2	52	5
6	118	4	152	3	5	2	7	2	137	3	9	2	200	5	52	5
7	7	2	96	3	2	2	14	3	44	2	12	2	106	3	52	5
8	158	4	475	4	12	3	4	2	154	4	6	2	201	5	45	4
9	187	4	79	2	3	2	2	2	129	3	10	2	67	3	43	4
10	82	3	410	4	8	2	10	3	160	4	13	2	123	4	45	4
HPML-JMA																
	Emotions		Flags		GpositiveGO		GpositivePseAAC		Scene		VirusGO		VirusPseAAC		Yelp	
Fold	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster
1	5	5	5	5	2	2	2	2	5	5	2	2	5	5	4	4
2	3	3	3	3	2	2	3	3	2	2	4	4	3	3	4	4
3	2	2	6	6	2	2	3	3	5	5	2	2	3	3	4	4
4	3	3	5	5	3	3	2	2	5	5	4	4	5	5	4	4
5	2	2	2	2	2	2	2	2	4	4	3	3	4	4	4	4
6	2	2	3	3	2	2	3	3	5	5	3	3	5	5	4	4
7	5	5	3	3	3	3	2	2	4	4	5	5	2	2	4	4
8	4	4	6	6	2	2	2	2	5	5	2	2	5	5	4	4
9	5	5	2	2	2	2	2	2	2	2	4	4	5	5	4	4
10	2	2	6	6	2	2	2	2	5	5	5	5	5	5	4	4
HPML-JMI																
	Emotions		Flags		GpositiveGO		GpositivePseAAC		Scene		VirusGO		VirusPseAAC		Yelp	
Fold	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster
1	2	2	5	5	2	2	2	2	5	5	2	2	5	5	4	4
2	3	3	3	3	2	2	3	3	2	2	4	4	3	3	4	4
3	2	2	6	6	2	2	2	2	5	5	2	2	3	3	4	4
4	4	4	6	6	3	3	2	2	4	4	4	4	5	5	4	4
5	2	2	2	2	2	2	2	2	4	4	3	3	4	4	4	4
6	5	5	3	3	2	2	3	3	5	5	3	3	5	5	4	4
7	3	3	3	3	3	3	2	2	4	4	5	5	2	2	4	4
8	4	4	6	6	2	2	2	2	4	4	4	4	5	5	4	4
9	5	5	2	2	3	3	2	2	2	2	4	4	2	2	4	4
10	2	2	5	5	2	2	2	2	5	5	5	5	2	2	4	4
HPML-JS																
	Emotions		Flags		GpositiveGO		GpositivePseAAC		Scene		VirusGO		VirusPseAAC		Yelp	
Fold	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster
1	2	2	5	2	2	2	2	2	4	4	4	4	4	4	3	3
2	2	2	5	2	2	2	2	2	4	4	4	4	4	4	3	2
3	2	2	5	2	2	2	2	2	4	4	4	4	4	4	3	3
4	2	2	5	4	2	2	2	2	4	4	4	4	4	4	3	3
5	2	2	5	3	2	2	2	2	4	4	4	4	4	4	3	3
6	2	2	5	3	2	2	2	2	4	4	4	4	4	4	3	3
7	2	2	5	3	2	2	2	2	4	4	4	4	4	4	3	3
8	2	2	5	4	2	2	2	2	4	4	4	4	4	4	3	3
9	2	2	5	3	2	2	2	2	4	4	4	4	4	4	3	3
10	2	2	5	4	2	2	2	2	4	4	4	4	4	4	3	3
HPML-KMA																
	Emotions		Flags		GpositiveGO		GpositivePseAAC		Scene		VirusGO		VirusPseAAC		Yelp	
Fold	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster
1	3	3	5	2	2	2	2	2	3	3	2	2	2	2	3	3
2	2	2	10	3	2	2	2	2	3	3	3	3	3	3	2	2
3	2	2	8	5	2	2	2	2	3	3	2	2	3	3	5	5
4	3	3	4	3	2	2	3	3	2	2	2	2	2	2	3	3
5	4	4	2	2	2	2	2	2	3	3	2	2	3	3	4	4
6	2	2	5	3	2	2	3	3	3	3	2	2	2	2	6	5
7	6	3	3	3	3	3	2	2	3	3	2	2	2	2	3	3
8	6	3	6	5	3	3	3	3	3	3	2	2	3	3	8	5
9	5	3	2	2	3	3	3	3	2	2	2	2	3	3	8	4
10	3	3	4	4	2	2	3	3	3	3	3	3	2	2	8	5
HPML-KMI																
	Emotions		Flags		GpositiveGO		GpositivePseAAC		Scene		VirusGO		VirusPseAAC		Yelp	
Fold	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster
1	2	2	5	2	2	2	2	2	3	3	2	2	2	2	3	3
2	2	2	10	3	2	2	2	2	3	3	3	3	3	3	5	4
3	2	2	8	5	2	2	2	2	3	3	2	2	2	2	5	5
4	3	3	4	3	2	2	2	2	2	2	2	2	2	2	3	3
5	4	4	2	2	2	2	2	2	3	3	2	2	3	3	4	4
6	2	2	5	3	2	2	3	3	2	2	2	2	2	2	6	5
7	3	3	2	2	3	3	2	2	3	3	3	3	3	3	3	3
8	6	3	15	5	3	3	3	3	3	3	2	2	3	3	8	5
9	5	3	4	3	3	3	3	3	2	2	2	2	3	3	8	4
10	3	3	4	4	2	2	3	3	3	3	3	3	2	2	8	5
HPML-KS																
	Emotions		Flags		GpositiveGO		GpositivePseAAC		Scene		VirusGO		VirusPseAAC		Yelp	
Fold	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster
1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3
2	3	3	4	2	2	2	2	2	2	2	2	2	2	2	4	3
3	3	3	12	3	2	2	2	2	2	2	2	2	2	2	2	2
4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	7	4
5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3
7	7	3	11	4	2	2	2	2	2	2	2	2	2	2	2	2
8	3	3	12	3	2	2	2	2	2	2	2	2	2	2	7	4
9	2	2	11	5	2	2	2	2	2	2	2	2	2	2	2	2
10	3	3	2	2	2	2	2	2	2	2	2	2	2	2	5	4

R1-MA																
	Emotions		Flags		GpositiveGO		GpositivePseAAC		Scene		VirusGO		VirusPseAAC		Yelp	
Fold	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster
1	3	3	6	6	2	2	2	2	2	2	3	3	4	4	4	4
2	2	2	2	2	3	3	3	3	2	2	3	3	4	4	4	4
3	5	5	4	4	2	2	2	2	4	4	2	2	5	5	4	4
4	4	4	5	5	3	3	2	2	4	4	3	3	4	4	4	4
5	2	2	3	3	2	2	2	2	4	4	3	3	2	2	3	3
6	4	4	5	5	2	2	2	2	2	2	5	5	5	5	4	4
7	5	5	5	5	2	2	2	2	4	4	5	5	3	3	4	4
8	5	5	6	6	2	2	2	2	4	4	3	3	5	5	4	4
9	5	5	2	2	3	3	2	2	5	5	3	3	4	4	3	3
10	2	2	5	5	2	2	3	3	3	3	5	5	3	3	4	4
R1-MI																
	Emotions		Flags		GpositiveGO		GpositivePseAAC		Scene		VirusGO		VirusPseAAC		Yelp	
Fold	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster
1	2	2	6	6	2	2	2	2	2	2	3	3	3	3	4	4
2	2	2	5	5	3	3	3	3	2	2	3	3	4	4	4	4
3	2	2	4	4	2	2	2	2	4	4	2	2	3	3	4	4
4	4	4	5	5	3	3	2	2	4	4	3	3	5	5	4	4
5	2	2	3	3	2	2	2	2	4	4	2	2	5	5	3	3
6	4	4	2	2	2	2	2	2	2	2	5	5	4	4	4	4
7	5	5	5	5	2	2	2	2	4	4	5	5	2	2	4	4
8	2	2	6	6	2	2	2	2	4	4	3	3	4	4	4	4
9	5	5	5	5	2	2	2	2	5	5	3	3	2	2	3	3
10	2	2	5	5	2	2	2	2	3	3	5	5	4	4	4	4
R1-S																
	Emotions		Flags		GpositiveGO		GpositivePseAAC		Scene		VirusGO		VirusPseAAC		Yelp	
Fold	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster
1	2	2	2	2	2	2	2	2	4	4	2	2	3	3	3	3
2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2
3	3	3	2	1	2	2	2	2	3	3	2	2	2	2	3	3
4	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	2	2	4	3	2	2	2	2	2	2	2	2	4	4	3	3
6	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	4	3	2	2	2	2	2	2	4	4	4	4	2	2	2	2
8	3	3	2	2	2	2	2	2	2	2	4	4	2	2	3	3
9	2	2	3	2	2	2	2	2	4	4	2	2	2	2	2	2
10	2	2	5	4	2	2	2	2	3	3	4	4	2	2	3	2
R2-MA																
	Emotions		Flags		GpositiveGO		GpositivePseAAC		Scene		VirusGO		VirusPseAAC		Yelp	
Fold	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster
1	3	4	4	4	2	2	2	2	3	4	2	4	2	5	2	4
2	5	2	3	5	2	3	2	3	5	5	2	5	3	5	3	3
3	4	3	2	6	2	2	2	3	5	4	2	3	4	5	2	4
4	3	2	2	4	3	3	2	2	5	5	3	5	4	5	4	4
5	5	2	2	6	2	2	3	2	5	5	2	5	2	5	4	4
6	5	5	3	3	3	3	2	2	4	2	2	5	4	5	4	3
7	3	2	3	6	3	3	2	2	3	5	3	5	4	5	3	4
8	4	4	6	4	3	2	2	3	3	4	3	5	4	4	4	4
9	5	5	6	2	2	3	3	3	5	2	3	5	3	3	4	3
10	2	5	3	6	2	3	3	3	5	4	2	2	3	3	2	4
R2-MI																
	Emotions		Flags		GpositiveGO		GpositivePseAAC		Scene		VirusGO		VirusPseAAC		Yelp	
Fold	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster
1	3	4	4	4	2	2	2	2	3	4	2	4	4	4	2	4
2	5	2	3	5	2	2	2	3	5	3	2	5	5	4	3	3
3	2	4	2	6	2	2	2	3	5	5	2	3	4	5	2	3
4	3	2	2	4	3	3	2	2	5	4	3	5	4	5	2	4
5	5	2	3	5	2	2	2	3	5	5	2	5	4	4	4	4
6	4	4	3	3	3	3	2	2	4	2	2	5	4	5	4	3
7	3	2	5	2	3	3	2	2	2	2	3	5	4	5	3	4
8	4	4	6	4	3	3	2	3	3	4	3	5	4	4	4	4
9	2	2	6	2	2	2	3	3	5	2	3	5	5	2	4	3
10	3	4	3	6	2	2	3	3	5	4	2	2	2	3	2	4
R2-S																
	Emotions		Flags		GpositiveGO		GpositivePseAAC		Scene		VirusGO		VirusPseAAC		Yelp	
Fold	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster
1	2	5	6	2	3	3	2	2	4	2	5	5	2	5	4	2
2	2	3	2	6	2	2	3	3	4	4	3	5	2	3	4	2
3	3	4	4	2	2	2	2	3	5	5	5	4	5	2	3	3
4	3	2	5	2	3	3	2	2	5	4	2	5	5	5	3	2
5	3	5	6	6	3	3	3	2	3	2	3	2	5	5	2	3
6	3	3	6	2	2	2	2	2	2	2	4	4	3	2	2	2
7	2	3	5	2	3	3	3	3	4	5	3	5	4	5	4	2
8	5	5	5	2	3	3	2	3	3	4	4	2	5	3	4	4
9	2	2	4	3	3	3	3	3	2	3	2	2	4	2	2	2
10	5	4	4	2	2	2	3	3	3	3	2	2	2	3	2	4
R3																
	Emotions		Flags		GpositiveGO		GpositivePseAAC		Scene		VirusGO		VirusPseAAC		Yelp	
Fold	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster	Partition	Cluster
1		5		6		2		2		3		5		4		3
2		5		4		3		3		2		5		5		2
3		3		6		3		3		3		4		4		4
4		5		4		2		3		5		2		4		3
5		3		2		2		3		5		4		2		3
6		4		5		3		2		3		2		2		2
7		5		5		2		3		4		4		3		4
8		5		3		3		3		2		3		4		2
9		2		6		3		3		2		3		4		4
10		5		4		2		2		3		2		3		4