

Confusion Matrices for Confirmation Set Models

A

Sequential, Full Set

Prediction	HGSC	403	8	49	8	4
	CCOC	8	62	3	0	1
	ENOC	6	2	49	1	6
	LGSC	3	0	3	1	0
	MUC	4	0	3	2	16
		HGSC	CCOC	ENOC	LGSC	MUC
		Truth				

B

Sequential, Optimal Set

Prediction	HGSC	404	8	56	8	4
	CCOC	6	62	3	0	1
	ENOC	6	2	43	3	5
	LGSC	5	0	2	0	0
	MUC	3	0	3	1	17
		HGSC	CCOC	ENOC	LGSC	MUC
		Truth				

C

SMOTE–Random Forest, Full Set

Prediction	HGSC	405	8	47	7	4
	CCOC	7	63	2	0	0
	ENOC	5	1	51	0	4
	LGSC	4	0	2	3	0
	MUC	3	0	5	2	19
		HGSC	CCOC	ENOC	LGSC	MUC
		Truth				

D

SMOTE–Random Forest, Optimal Set

Prediction	HGSC	402	8	43	6	4
	CCOC	8	62	2	0	0
	ENOC	6	1	54	0	3
	LGSC	5	0	1	4	0
	MUC	3	1	7	2	20
		HGSC	CCOC	ENOC	LGSC	MUC
		Truth				

E

Two–Step, Full Set

Prediction	HGSC	399	8	45	6	4
	CCOC	10	63	3	0	0
	ENOC	7	1	53	3	4
	LGSC	6	0	3	3	0
	MUC	2	0	3	0	19
	Truth					
	HGSC	CCOC	ENOC	LGSC	MUC	

F

Two–Step, Optimal Set

Prediction	HGSC	401	8	45	8	4
	CCOC	8	63	3	1	0
	ENOC	6	1	54	1	4
	LGSC	5	0	2	2	0
	MUC	4	0	3	0	19
	Truth					
	HGSC	CCOC	ENOC	LGSC	MUC	