

Confusion Matrices for Confirmation Set Models

A

Sequential, Full Set

Prediction	HGSC	400	10	43	5	4
	CCOC	8	64	7	0	0
	ENOC	4	1	49	2	4
	LGSC	4	0	2	4	0
	MUC	6	0	5	2	19
		HGSC	CCOC	ENOC	LGSC	MUC
		Truth				

B

Sequential, Optimal Set

Prediction	HGSC	402	10	49	5	3
	CCOC	8	63	10	1	2
	ENOC	4	2	42	2	6
	LGSC	2	0	1	5	0
	MUC	6	0	4	0	16
		HGSC	CCOC	ENOC	LGSC	MUC
		Truth				

C

SMOTE–Random Forest, Full Set

Prediction	HGSC	406	9	48	6	4
	CCOC	6	65	3	1	0
	ENOC	3	1	48	1	4
	LGSC	3	0	1	4	0
	MUC	4	0	6	1	19
		HGSC	CCOC	ENOC	LGSC	MUC
		Truth				

D

SMOTE–Random Forest, Optimal Set

Prediction	HGSC	404	10	43	6	3
	CCOC	7	64	3	1	0
	ENOC	4	1	53	1	3
	LGSC	4	0	0	5	0
	MUC	3	0	7	0	21
		HGSC	CCOC	ENOC	LGSC	MUC
		Truth				

E

Two–Step, Full Set

Prediction	HGSC	400	10	43	5	4
	CCOC	11	64	3	1	0
	ENOC	3	1	54	3	3
	LGSC	5	0	2	4	0
	MUC	3	0	4	0	20
		HGSC	CCOC	ENOC	LGSC	MUC
		Truth				

F

Two–Step, Optimal Set

Prediction	HGSC	403	10	44	7	4
	CCOC	9	64	6	1	0
	ENOC	3	1	51	2	4
	LGSC	4	0	1	3	0
	MUC	3	0	4	0	19
		HGSC	CCOC	ENOC	LGSC	MUC
		Truth				