

Confusion Matrices for Confirmation Set Models

A

Sequential, Full Set

Prediction	HGSC	CCOC	ENOC	LGSC	MUC
	403	8	48	8	4
	8	62	4	0	1
	6	2	50	1	6
	3	0	2	1	0
	4	0	3	2	16
Truth					

B

Sequential, Optimal Set

Prediction	HGSC	CCOC	ENOC	LGSC	MUC
	405	8	56	8	4
	6	63	5	1	3
	5	1	41	3	5
	5	0	2	0	0
	3	0	3	0	15
Truth					

C

SMOTE–Random Forest, Full Set

Prediction	HGSC	CCOC	ENOC	LGSC	MUC
	407	8	49	9	4
	6	62	2	0	0
	4	1	49	0	4
	4	0	2	3	0
	3	1	5	0	19
Truth					

D

SMOTE–Random Forest, Optimal Set

Prediction	HGSC	CCOC	ENOC	LGSC	MUC
	402	8	45	6	4
	9	62	2	0	0
	6	1	52	0	5
	4	0	1	4	0
	3	1	7	2	18
Truth					

E

Two–Step, Full Set

Prediction	HGSC	CCOC	ENOC	LGSC	MUC
	399	8	46	6	4
	10	63	3	0	0
	7	1	52	3	4
	6	0	3	3	0
	2	0	3	0	19
Truth					

F

Two–Step, Optimal Set

Prediction	HGSC	CCOC	ENOC	LGSC	MUC
	404	8	46	8	4
	8	63	3	1	0
	4	1	53	1	4
	4	0	2	2	0
	4	0	3	0	19
Truth					