

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
	404	8	47	7	4
	7	63	2	0	0
	5	1	51	0	4
	5	0	2	3	0
	3	0	5	2	19
Truth					

D

SMOTE–Random Forest, Optimal Set

Prediction	HGSC	CCOC	ENOC	LGSC	MUC
	400	8	43	5	4
	10	62	2	0	0
	6	1	54	0	4
	5	0	0	4	0
	3	1	8	3	19
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					