

TCGA, test, Elastic Net, Kamoun et al.

predicted class	Ba/Sq	1.1% (n = 1)	0% (n = 0)	0% (n = 0)	38% (n = 36)
	Stroma rich	1.1% (n = 1)	1.1% (n = 1)	13% (n = 12)	2.1% (n = 2)
	LumU	0% (n = 0)	8.5% (n = 8)	0% (n = 0)	0% (n = 0)
	LumP	31% (n = 29)	1.1% (n = 1)	1.1% (n = 1)	2.1% (n = 2)
		LumP	LumU	Stroma rich	Ba/Sq
		observed class			

IMvigor, Elastic Net, Kamoun et al.

predicted class	Ba/Sq	0% (n = 0)	0.78% (n = 1)	0% (n = 0)	35% (n = 45)
	Stroma rich	0.78% (n = 1)	1.6% (n = 2)	18% (n = 23)	0.78% (n = 1)
	LumU	0% (n = 0)	13% (n = 17)	0.78% (n = 1)	0.78% (n = 1)
	LumP	27% (n = 35)	0% (n = 0)	1.6% (n = 2)	0% (n = 0)
		LumP	LumU	Stroma rich	Ba/Sq
		observed class			

BCAN, Elastic Net, Kamoun et al.

predicted class	Ba/Sq	0% (n = 0)	0% (n = 0)	1.6% (n = 1)	44% (n = 27)	
	Stroma rich	1.6% (n = 1)	4.9% (n = 3)	13% (n = 8)	1.6% (n = 1)	
	LumU	0% (n = 0)	9.8% (n = 6)	0% (n = 0)	0% (n = 0)	
	LumP	23% (n = 14)	0% (n = 0)	0% (n = 0)	0% (n = 0)	
		LumP	LumU	Stroma rich	Ba/Sq	observed class

TCGA, test, RF, Kamoun et al.

predicted class	Ba/Sq	0% (n = 0)	0% (n = 0)	0% (n = 0)	38% (n = 36)
	Stroma rich	1.1% (n = 1)	0% (n = 0)	14% (n = 13)	3.2% (n = 3)
	LumU	0% (n = 0)	11% (n = 10)	0% (n = 0)	0% (n = 0)
	LumP	32% (n = 30)	0% (n = 0)	0% (n = 0)	1.1% (n = 1)
		LumP	LumU	Stroma rich	Ba/Sq
		observed class			

IMvigor, RF, Kamoun et al.

predicted class	Ba/Sq	0% (n = 0)	0% (n = 0)	0.78% (n = 1)	36% (n = 46)
	Stroma rich	0.78% (n = 1)	0.78% (n = 1)	18% (n = 23)	0.78% (n = 1)
	LumU	0% (n = 0)	14% (n = 18)	0.78% (n = 1)	0% (n = 0)
	LumP	27% (n = 35)	0.78% (n = 1)	0.78% (n = 1)	0% (n = 0)
		LumP	LumU	Stroma rich	Ba/Sq
		observed class			

BCAN, RF, Kamoun et al.

predicted class	Ba/Sq	0% (n = 0)	0% (n = 0)	0% (n = 0)	44% (n = 27)
	Stroma rich	1.6% (n = 1)	1.6% (n = 1)	15% (n = 9)	1.6% (n = 1)
	LumU	0% (n = 0)	11% (n = 7)	0% (n = 0)	0% (n = 0)
	LumP	23% (n = 14)	1.6% (n = 1)	0% (n = 0)	0% (n = 0)
		LumP	LumU	Stroma rich	Ba/Sq
		observed class			

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TCGA, test, Elastic Net, FGFR/FGF/FGFBP

predicted class	Ba/Sq	0% (n = 0)	0% (n = 0)	0% (n = 0)	34% (n = 32)
	Stroma rich	0% (n = 0)	2.1% (n = 2)	12% (n = 11)	6.4% (n = 6)
	LumU	0% (n = 0)	5.3% (n = 5)	0% (n = 0)	0% (n = 0)
	LumP	33% (n = 31)	3.2% (n = 3)	2.1% (n = 2)	2.1% (n = 2)
		LumP	LumU	Stroma rich	Ba/Sq
observed class					

IMvigor, Elastic Net, FGFR/FGF/FGFBP

predicted class	Ba/Sq	0.78% (n = 1)	3.1% (n = 4)	1.6% (n = 2)	28% (n = 36)
	Stroma rich	1.6% (n = 2)	1.6% (n = 2)	15% (n = 19)	5.4% (n = 7)
	LumU	0% (n = 0)	6.2% (n = 8)	3.9% (n = 5)	0.78% (n = 1)
	LumP	26% (n = 33)	4.7% (n = 6)	0% (n = 0)	2.3% (n = 3)
		LumP	LumU	Stroma rich	Ba/Sq
		observed class			

BCAN, Elastic Net, FGFR/FGF/FGFBP

predicted class	observed class			
	LumP	LumU	Stroma rich	Ba/Sq
Ba/Sq	0% (n = 0)	3.3% (n = 2)	1.6% (n = 1)	38% (n = 23)
Stroma rich	3.3% (n = 2)	1.6% (n = 1)	13% (n = 8)	6.6% (n = 4)
LumU	1.6% (n = 1)	4.9% (n = 3)	0% (n = 0)	0% (n = 0)
LumP	20% (n = 12)	4.9% (n = 3)	0% (n = 0)	1.6% (n = 1)

TCGA, test, RF, FGFR/FGF/FGFBP

predicted class	Ba/Sq	1.1% (n = 1)	1.1% (n = 1)	1.1% (n = 1)	33% (n = 31)
	Stroma rich	1.1% (n = 1)	2.1% (n = 2)	12% (n = 11)	5.3% (n = 5)
	LumU	1.1% (n = 1)	5.3% (n = 5)	0% (n = 0)	1.1% (n = 1)
	LumP	30% (n = 28)	2.1% (n = 2)	1.1% (n = 1)	3.2% (n = 3)
		LumP	LumU	Stroma rich	Ba/Sq
		observed class			

IMvigor, RF, FGFR/FGF/FGFBP

predicted class	Ba/Sq	3.1% (n = 4)	3.1% (n = 4)	2.3% (n = 3)	29% (n = 37)
	Stroma rich	0% (n = 0)	0% (n = 0)	12% (n = 16)	4.7% (n = 6)
	LumU	0% (n = 0)	8.5% (n = 11)	5.4% (n = 7)	1.6% (n = 2)
	LumP	25% (n = 32)	3.9% (n = 5)	0% (n = 0)	1.6% (n = 2)
		LumP	LumU	Stroma rich	Ba/Sq
		observed class			

BCAN, RF, FGFR/FGF/FGFBP

predicted class	observed class			
	LumP	LumU	Stroma rich	Ba/Sq
Ba/Sq	3.3% (n = 2)	3.3% (n = 2)	1.6% (n = 1)	39% (n = 24)
Stroma rich	1.6% (n = 1)	1.6% (n = 1)	13% (n = 8)	4.9% (n = 3)
LumU	3.3% (n = 2)	3.3% (n = 2)	0% (n = 0)	0% (n = 0)
LumP	16% (n = 10)	6.6% (n = 4)	0% (n = 0)	1.6% (n = 1)