

Follow-up period	Surgery group	Model	AUC	Accuracy	Sensitivity	Specificity	Precision	Input features	Number of rules (NOR)	Total rule length (TRL)	Complexity	
First year	Both	FCM (C = 3)	0.77	0.56	0.54	0.76	0.95	8	3	24	0.92	
		LR	0.72	0.54	0.51	0.82	0.96	2	1	2	0.00	
		DT	0.55	0.72	0.77	0.35	0.91	17	21	95	0.98	
	Metabolic	BMI 35 - 40 kg/m ² + co-morbidities	FGK (C = 2)	0.78	0.82	0.83	0.67	0.96	2	2	4	0.50
		LR	0.82	0.73	0.73	0.67	0.96	2	1	2	0.00	
		DT	0.52	0.67	0.70	0.33	0.91	2	3	5	0.60	
	Bariatric	BMI > 40 kg/m ²	FCM (C = 2)	0.62	0.61	0.62	0.50	0.91	2	2	4	0.50
		LR	0.51	0.58	0.59	0.50	0.90	2	1	2	0.00	
		DT	0.51	0.74	0.81	0.21	0.89	8	9	31	0.94	
Second year	Both	FCM (C = 2)	0.59	0.60	0.61	0.55	0.87	7	2	14	0.86	
		LR	0.59	0.60	0.62	0.50	0.86	3	1	3	0.33	
		DT	0.47	0.42	0.38	0.64	0.84	2	3	5	0.60	
	Metabolic	BMI 35 - 40 kg/m ² + co-morbidities	FCM (C = 2)	0.80	0.73	0.71	0.80	0.94	2	2	4	0.50
		LR	0.75	0.73	0.71	0.80	0.94	3	1	3	0.33	
		DT	0.79	0.77	0.76	0.80	0.94	4	5	10	0.80	
	Bariatric	BMI > 40 kg/m ²	FCM (C = 2)	0.56	0.63	0.66	0.44	0.87	5	2	10	0.80
		LR	0.51	0.59	0.61	0.44	0.86	3	1	3	0.33	
		DT	0.51	0.66	0.73	0.31	0.85	18	20	120	0.98	

