

S6 Table. Imaging findings of the tumors on baseline and preoperative CTs in the development and test sets

CT findings	Development set (n=101)	Test set (n=44)	p-value
Tumor location			
Uncinate process	51 (50.5)	20 (45.5)	0.407
Non-uncinate process head	29 (28.7)	12 (27.3)	
Body	17 (16.8)	7 (15.9)	
Tail	4 (4.0)	5 (11.4)	
Tumor diameter at baseline (mm), median (IQR)	27.0 (21.0-34.0)	28.5 (25.5-36.0)	0.157
Tumor diameter preop. (mm), median (IQR)	21.0 (15.0-27.0)	17.0 (13.0-24.0)	0.046
Any degree of change in tumor size			
Decrease	58 (57.4)	41 (93.2)	< 0.001
No change	42 (41.6)	1 (2.3)	
Increase	1 (1.0)	2 (4.5)	
Any degree of change in tumor-any artery contact			
Decrease	14 (13.9)	17 (38.6)	0.003
No change	81 (80.2)	26 (59.1)	
Increase	6 (5.9)	1 (2.3)	
Any degree of change in tumor-any vein contact or venous stenosis			
Decrease	15 (14.9)	22 (50.0)	< 0.001
No change	84 (83.2)	21 (47.7)	
Increase	2 (2.0)	1 (23.0)	
NCCN resectability stage at baseline			
Resectable	59 (58.4)	13 (29.5)	< 0.001
Borderline resectable	38 (37.6)	23 (52.3)	
Locally advanced	4 (4.0)	8 (18.2)	
NCCN resectability stage preop.			
Resectable	51 (50.5)	26 (59.1)	0.387
Borderline resectable	46 (45.5)	15 (34.1)	
Locally advanced	4 (4.0)	3 (6.8)	
Change in NCCN resectability stage			
Downstaging	10 (9.9)	18 (40.9)	< 0.001
No change	73 (72.3)	25 (56.8)	
Upstaging	18 (17.8)	1 (2.3)	
Suspicious node at baseline			
Absent	62 (61.4)	29 (65.9)	0.606
Present	39 (38.6)	15 (34.1)	
Suspicious node preop.			
Absent	69 (68.3)	36 (81.8)	0.096
Present	32 (31.7)	8 (18.2)	
Invasion to stomach or duodenum at baseline			
No	74 (73.3)	35 (79.5)	0.423
Yes	27 (26.7)	9 (20.5)	
Invasion to stomach or duodenum preop.			
No	78 (77.2)	36 (81.8)	0.051
Yes	23 (22.8)	8 (18.2)	

Values are presented as number (%) unless otherwise indicated. CT, computed tomography; IQR, interquartile range; NCCN, National Comprehensive Cancer Network; preop., preop., preoperative.