

Table I. Laurén classification of gastric adenocarcinoma in Iceland 1990-2009.

Laurén classification	Number	%
Intestinal adenocarcinoma	447	61.2
Diffuse adenocarcinoma	168	23
Mixed adenocarcinoma	82	11.2
Clinical diagnosis	9	1.2
Unclassifiable	24	3.3
Total	730	

Table II. Patient characteristics, stage and location of intestinal and diffuse adenocarcinoma of the stomach, in Iceland 1990-2009.

Laurén classification	Intestinal adenocarcinoma		Diffuse adenocarcinoma		p-value
	Number	%	Number	%	
Age					<0.0001
Mean age years	73,7		68,6		
≤ 59 years	56	12.5	41	24.4	
60-69 years	84	18.8	38	22.6	
≥70 years	307	68.7	89	53.0	
Sex					<0.0001
Women	136	30.4	81	48.2	
Men	311	69.6	87	51.8	
Stage					0.0191
Stage I	65	14.5	15	8.9	
Stage II	49	11	23	13.7	
Stage III	62	13.9	32	19	
Stage IV	147	32.9	67	39.9	
Unstaged	124	27.7	31	18.5	
Tumor location					0.0035
Cardia	83	18.6	15	8.9	
Other than cardia	186	41.6	66	39.3	
Unclassifiable	178	39.8	87	51.8	

Table III. Surgical outcome of intestinal and diffuse adenocarcinoma of the stomach in Iceland 1990-2009.

Laurén classification	Intestinal adenocarcinoma		Diffuse adenocarcinoma		p-value
	Number	%	Number	%	
Surgical radicality					0.0034
Radical	164	36.7	53	31.5	
Non-radical	43	9.6	33	19.6	
No operation/unknown	240	53.7	82	48.9	
Type of surgery					0.1188
Local removal of tumor	3	0.7	1	0.6	
Partial gastrectomy	101	22.6	29	17.3	
Partial esophagectomy	1	0.2	1	0.6	
Partial gastrectomy and esophagectomy	21	4.7	6	3.6	
Gastrectomy	90	20.1	51	30.4	
Gastrectomy and partial esophagectomy	7	1.6	4	2.4	
No operation/other organs/unknown	224	50.1	76	45.2	
Resection margins					0.0002
Negative	203	45.4	70	41.7	
Positive	15	3.4	20	11.9	
No operation/unknown	229	51.2	78	46.4	