

**Table S1.** Pathological characteristics of each group according to sex

	Group I (young, < 65 y)		Group II (early-old, 65–74 y)		Group III (old, ≥ 75 y)		p-value <sup>a)</sup>	p-value <sup>b)</sup>
	Male (n = 1,113)	Female (n = 567)	Male (n = 635)	Female (n = 284)	Male (n = 257)	Female (n = 127)		
Cancer type							0.946	0.085
EGC	800 (71.9)	419 (73.9)	452 (71.2)	192 (67.6)	185 (72.0)	85 (66.9)		
AGC	313 (28.1)	148 (26.1)	183 (28.8)	92 (32.4)	72 (28.0)	42 (33.1)		
Lauren histologic type							< 0.001*	< 0.001*
Intestinal	679 (61.0)	177 (31.2)	507 (79.8)	180 (63.4)	210 (81.7)	90 (70.9)		
Diffuse	380 (34.1)	369 (65.1)	101 (15.9)	93 (32.7)	39 (15.2)	32 (25.2)		
Mixed	54 (4.9)	21 (3.7)	27 (4.3)	11 (3.9)	8 (3.1)	5 (3.9)		
Location of tumor							0.001*	< 0.001*
Upper	25 (2.2)	11 (1.9)	17 (2.7)	5 (1.8)	16 (6.2)	3 (2.4)		
Middle	491 (44.1)	337 (59.4)	253 (39.8)	120 (42.2)	91 (35.4)	40 (31.5)		
Lower	597 (53.6)	219 (38.6)	365 (57.5)	159 (56.0)	150 (58.4)	84 (66.1)		
Node metastasis							0.560	0.323
Negative	833 (74.8)	412 (72.7)	489 (77.0)	200 (70.4)	197 (76.7)	84 (66.1)		
Positive	280 (25.2)	155 (27.3)	146 (23.0)	84 (29.6)	60 (23.3)	43 (33.9)		
Cancer stage							0.783	0.477
I	871 (78.2)	439 (77.4)	496 (78.1)	215 (75.7)	202 (78.6)	89 (70.1)		
II	140 (12.6)	85 (15.0)	87 (13.7)	42 (14.8)	27 (10.5)	24 (18.9)		
III	79 (7.1)	33 (5.8)	42 (6.6)	24 (8.4)	22 (8.6)	12 (9.4)		
IV	23 (2.1)	10 (1.8)	10 (1.6)	3 (1.1)	6 (2.3)	2 (1.6)		
p53 overexpression							0.057	0.058
Negative	697 (62.6)	420 (74.1)	361 (56.9)	190 (66.9)	153 (59.5)	96 (75.6)		
Positive	416 (37.4)	147 (25.9)	274 (43.1)	94 (33.1)	104 (40.5)	31 (24.4)		

Values are presented as number (%).

EGC, early gastric cancer; AGC, advanced gastric cancer.

<sup>a)</sup> Among males and <sup>b)</sup> among females (using a stratified chi-square test).

\*p<0.05.