

Evaluation of 12 Prognostic Biomarkers by 10 Years' Disease-Free Survival and Cancer-Specific Survival Among Japanese Breast Cancer Patients

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Table A.1. Patient clinical characteristics for intrinsic subtype groups.

	All Cases	Triple Negative	HER2	Triple Positive	Luminal			p-value
					Low Risk	Intermediate Risk	High Risk	
Cases (%)	466 (100)	65 (14.0)	57 (12.2)	41 (8.8)	216 (46.4)	75 (16.1)	12 (2.6)	
Mean Age at Diagnosis (years)	57.4±12.6	58.6±13.7	58.3±12.1	55.2±8.7	58.6±12.5	53.4±13.8	56.3±12.4	0.045 (ANOVA)
Menopausal Status at Diagnosis								
Premenopausal	167 (35.8)	21 (32.3)	18 (31.6)	15 (36.6)	72 (33.3)	37 (49.3)	4 (33.3)	0.200 (Fisher's)
Postmenopausal	299 (64.2)	44 (67.7)	39 (68.4)	26 (63.4)	144 (66.7)	38 (50.7)	8 (66.7)	
Clinical Stage								
0	55 (11.8)	6 (9.2)	7 (12.3)	2 (4.9)	35 (16.2)	5 (6.7)	0 (0)	0.018 (Fisher's)
I	136 (29.1)	16 (24.6)	9 (15.8)	16 (39.0)	74 (34.3)	19 (25.3)	2 (16.7)	
IIA, IIB	231 (49.6)	40 (61.5)	33 (57.9)	19 (46.3)	87 (40.3)	44 (58.7)	8 (66.7)	
IIIA, IIIB, IIIC	40 (8.6)	2 (3.1)	7 (12.3)	4 (9.8)	19 (8.8)	6 (8.0)	2 (16.7)	
IV	4 (0.9)	1 (1.5)	1 (1.8)	0 (0.0)	1 (0.5)	1 (1.3)	0 (0.0)	
Histological Type								
Papillotubular carcinoma	92 (19.7)	14 (21.5)	17 (29.8)	13 (31.7)	35 (16.2)	12 (16.0)	1 (8.3)	0.000 (Fisher's)
Solid-tubular carcinoma	83 (17.8)	27 (41.5)	14 (24.6)	6 (14.6)	21 (9.7)	9 (12.0)	6 (50.0)	
Scirrhous carcinoma	194 (41.6)	12 (18.5)	18 (31.6)	19 (46.3)	99 (45.8)	42 (56.0)	4 (33.3)	
Noninvasive carcinoma, Paget's disease	62(13.3)	6 (9.2)	7 (12.3)	2 (4.9)	42 (19.4)	5 (6.7)	0 (0.0)	
Others	35 (7.6)	6 (9.2)	1 (1.8)	1 (2.4)	19 (8.8)	7 (9.3)	1 (8.3)	
Lymphatic Invasion								
Positive	269 (57.7)	42 (64.6)	31 (54.4)	27 (65.8)	118 (54.6)	43 (57.3)	8 (66.7)	0.584 (Fisher's)
Negative	197 (42.3)	23 (35.4)	26 (45.6)	14 (34.2)	98 (45.4)	32 (42.7)	4 (33.3)	
Blood Vessel Invasion								
Positive	33 (7.1)	3 (4.6)	8 (14.0)	4 (9.8)	11 (5.1)	6 (8.0)	1 (8.3)	0.202 (Fisher's)
Negative	433 (92.9)	62 (95.4)	49 (86.0)	37 (90.2)	205 (94.9)	69 (92.0)	11 (91.7)	
Lymph Node Metastases (N)								
N0	346 (74.3)	49 (75.4)	36 (63.2)	30 (73.2)	171 (79.2)	54 (72.0)	6 (50.0)	0.180 (Fisher's)
N1	117 (25.1)	16 (24.6)	21 (36.8)	11 (26.8)	42 (19.4)	21 (28.0)	6 (50.0)	
N2	1 (0.2)	0 (0)	0 (0)	0 (0)	1 (0)	0 (0)	0 (0)	
N3	2 (0.4)	0 (0)	0 (0)	0 (0)	2 (0.9)	0 (0)	0 (0)	
Tumor Size (T)								
Tis	55 (11.8)	6 (9.2)	7 (12.3)	2 (4.9)	35 (16.2)	5 (6.7)	0 (0)	0.027 (Fisher's)
T1	153 (32.8)	19 (29.2)	12 (21.1)	16 (39.0)	82 (38.0)	20 (26.7)	4 (33.3)	
T2	195 (41.9)	33 (50.8)	28 (49.1)	17 (41.5)	74 (34.3)	37 (49.3)	6 (50.0)	
T3	45 (9.7)	6 (9.2)	8 (14.0)	3 (7.3)	16 (7.4)	11 (14.7)	1 (8.3)	
T4b	15 (3.2)	0 (0)	1 (1.8)	2 (4.9)	9 (4.2)	2 (2.7)	1 (8.3)	
T4d	3 (0.64)	1 (1.5)	1 (1.8)	1 (2.4)	0 (0)	0 (0)	0 (0)	
Histological Grade								
Grade I	202 (43.4)	17 (26.2)	13 (22.8)	22 (53.7)	117 (54.2)	30 (40.0)	3 (25.0)	0.000 (Fisher's)
Grade II	154 (33.1)	23 (35.4)	24 (42.1)	13 (31.7)	53 (24.5)	37 (49.3)	4 (33.3)	
Grade III	47 (10.1)	18 (27.7)	12 (21.1)	5 (12.2)	4 (1.9)	3 (4.0)	5 (41.7)	
Unknown	63 (13.5)	7 (10.8)	8 (14.0)	1 (2.4)	42 (19.4)	5 (6.7)	0 (0)	

Clinical characteristics of patients with different intrinsic subtypes of breast cancer. Descriptive

summary of patient clinical characteristics among the intrinsic subtype groups.