

Table 2: Demographic, clinicopathological characteristics and genetic variants

Characteristics	No'	<i>BRCA1</i> (rs1799950)				<i>BRCA2</i> (rs144848)				<i>TP53</i> (rs1042522)			
		TT	T C	C C	P-value	AA	A C	C C	P-value	GG	G C	CC	P-value
Family history													
Yes	37	11	12	14	0.000	8	12	17	0.008	6	22	9	0.408
No	103	57	38	8		24	58	21		28	54	21	
Nulliparous													
Yes	31	9	13	9	0.018	10	9	12	0.03	10	9	12	0.004
No	109	59	37	13		22	61	26		24	67	18	
Menstrual status													
Premenopausal	67	50	15	2	0.000	24	34	9	0.000	15	31	21	0.022
Postmenopausal	73	18	35	20		8	36	29		19	45	9	
Grade													
2	93	48	33	12	0.382	20	45	28	0.532	26	55	12	0.002
3	47	20	17	10		12	25	10		8	21	18	
Stage													
2	59	35	16	8	0.257	9	35	15	0.141	19	36	4	0.000
3	46	20	19	7		13	17	16		10	27	9	
4	35	13	15	7		10	18	7		5	13	17	
Nodal Status													
Positive	38	20	12	6	0.808	13	17	8	0.139	11	12	15	0.001
Negative	102	48	38	16		19	53	30		23	64	15	
Luminal A													
Positive	35	15	16	4	0.339	6	10	19	0.000	6	21	8	0.521
Negative	105	53	34	18		26	60	19		28	55	22	
Luminal B													
Positive	35	21	11	3	0.222	13	18	4	0.015	11	18	6	0.484
Negative	105	47	39	19		19	52	34		23	58	24	
HER-2 Status													
Positive	35	23	11	1	0.019	6	21	8	0.384	13	19	3	0.034
Negative	105	45	39	21		26	49	30		21	57	27	
TNBC													
Positive	35	9	12	14	0.000	7	21	7	0.372	4	18	13	0.013
Negative	105	59	38	6		25	49	31		30	58	17	
Metastasis													
Positive	32	14	12	6	0.787	10	16	6	0.308	9	10	13	0.003
Negative	108	54	38	16		22	54	32		25	66	17	