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Table 3. Cytopathological characteristics of the breast skeletal metastases

Pathological fracture occurrence						
Yes			No			
Receptor		PR				
Count	PR+ 49 (53.9%)	PR- 42 (36.1%)	PR+ 22 (36.1%)	PR- 39 (53.9%)	OR=2.14 CI95=1.06-4.02	p=0.032
Score	3.0 (Range 0-8)		1.9 (Range 0-8)			p=0.036
Intensity of staining	1.3 (Range 0-3)		0.9 (Range 0-3)			p=0.066
Percentage of stained cells	19.1 (Range 0-90)		9.4 (Range 0-85)			p=0.033
Receptor		ER				
Count	ER+ 71 (78%)	ER- 20 (22%)	ER+ 46 (75.4%)	ER- 15 (24.6%)	OR=1.16 CI95%=0.54-2.49	p=0.708
Score	5.1 (Range 0-8)		5.4 (Range 0-8)			p=0.293
Intensity of staining	1.9 (Range 0-4)		2.0 (Range 0-3)			p=0.460
Percentage of stained cells	43.2 (Range 0-95)		50.1 (Range 0-95)			p=0.308
Receptor		HER2				
Count	HER2+ 32 (35.2%)	HER2- 59 (64.8%)	HER2+ 25 (41%)	HER2- 36 (59%)	OR=0.78 CI 95%=0.40-1.52	p=0.468
Score	1.1 (Range 0-3)		1.4 (Range 0-3)			p=0.120
Ki67						
	22.9 (Range 1-80)		24.2 (Range 1-90)			p=0.542

PR – Progesterone Receptor

ER – Estrogen Receptor

HER2 – Human Epidermal Growth Factor Receptor 2

*All results refer to mean values for continuous data