

	Total study population (n=315)	ACR 1+2 vs ACR 3+4	ductal vs lobular	G1+G2 vs G3	G1 vs G2+G3	Her2 neg vs Her2 pos	HR neg vs HR pos	N0 vs N+	T1 vs T2+T3+T4	age <40 y vs age >40 y	age <50 y vs age >50 y	age <60 y vs age >60 y	TNBC vs non-TNBC
Age [years]	62.8±13.6	p:0.000 67.4±12.2 vs 56.4±14.7	n.s.	p:0.035 63.6±13.0 vs 60.0±14.3	n.s.	n.s.	p:0.011 57.7±15.7 vs 63.4±13.5	n.s.	p:0.073 61.1±13.0 vs 63.8±14.0	n.a.	n.a.	n.a.	p:0.002 55.9±16.5 vs 63.6±13.0
Tumor diameter ultrasound [mm]	15±13	n.s.	n.s.	p:0.000 15±11 vs 25±12	p:0.000 14±10 vs 21±10	p:0.000 21±11 vs 15±11	p:0.045 6±6 vs 4±6	p:0.000 13±11 vs 23±11	n.a.	n.s.	p:0.075 18±12 vs 21±11	p:0.000 16±12 vs 22±11	p:0.000 28±18 vs 20±9
Tumor diameter histology [mm]	24±14	n.s.	n.s.	p:0.014 23±14 vs 28±14	p:0.000 16±9 vs 26±15	n.s.	n.s.	p:0.000 20±11 vs 31±16	n.a.	n.s.	n.s.	p:0.077 22±14 vs 26±15	n.s.
Palpable	67%	n.s.	n.s.	p:0.071 63 vs 77%	p:0.066 52 vs 69%	n.s.	n.s.	n.s.	p:0.000 50 vs 80%	p:0.033 100 vs 65%	n.s.	n.s.	n.s.
Breast density ACR 1-2 [vs ACR 3-4]	62%	n.a.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	p:0.007 20 vs 64%	p:0.000 28 vs 70%	p:0.000 44 vs 76%	n.s.
Histology	ductal (d): 80% lobular (l): 14% others (o): 6%	n.s.	n.a.	p:0.003 d: 75 vs 92% l: 18 vs 3% o: 6 vs 5%	p:0.021 d: 85 vs 79% l: 3 vs 16% o: 13 vs 5%	n.s.	p:0.094 d: 92 vs 78% l: 3 vs 16% o: 5 vs 6%	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.
pT (1-4)	T1:40% T2:40% T3:4% T4:3%	n.s.	p:0.008 T1: 47 vs 38% T2:47 vs 46% T3: 3 vs 15% T4: 3 vs 0%	p:0.000 T1: 53 vs 28% T2: 40 vs 63% T3: 5 vs 2% T4: 1 vs 6%	p:0.001 T1: 74 vs 42% T2: 26 vs 50% T3: 0 vs 5% T4: 0 vs 3%	p:0.023 T1: 50 vs 36% T2: 44 vs 53% T3: 5 vs 4% T4: 2 vs 7%	n.s.	p:0.000 T1: 61 vs 24% T2: 36 vs 63% T3: 2 vs 7% T4: 1 vs 5%	n.a.	n.s.	n.s.	n.s.	n.s.
pN0	63%	n.s.	n.s.	p:0.000 71 vs 44%	p:0.007 83 vs 60%	n.s.	p:0.004 43 vs 67%	n.a.	p:0.000 80 vs 47%	n.s.	n.s.	n.s.	p:0.014 41 vs 66%
cM0	97%	n.s.	n.s.	p:0.041 99 vs 94%	n.s.	n.s.	p:0.096 93 vs 98%	p:0.001 100 vs 94%	p:0.072 99 vs 96%	n.s.	n.s.	p:0.083 99 vs 96%	n.s.
G [1-3]	G1:14% G2:58% G3: 28%	n.s.	p:0.000 G1: 15 vs 3% G2: 53 vs 92% G3: 32 vs 5%	n.a.	n.a.	p:0.011 G1: 16 vs 7% G2: 60 vs 54% G3: 24 vs 39%	p:0.000 G1: 2 vs 16% G2: 21 vs 64% G3: 76 vs 20%	p:0.000 G1: 18 vs 4% G2: 63 vs 48% G3: 19 vs 47%	p:0.000 G1: 22 vs 7% G2: 62 vs 57% G3: 16 vs 36%	p:0.075 G1:15 vs 14% G2:31 vs 60% G3:54 vs 27%	p:0.040 G1:9 vs 15% G2:50 vs 61% G3:41 vs 25%	p:0.034 G1:14 vs 13% G2:51 vs 65% G3:35 vs 22%	p:0.000 G1:3 vs 15% G2:17 vs 63% G3:80 vs 22%
Chemo-therapy	38%	p:0.005 31 vs 49%	n.s.	p:0.000 29 vs 63%	p:0.000 12 vs 42%	p:0.023 34 vs 49%	p:0.000 79 vs 32%	p:0.000 22 vs 68%	p:0.000 21 vs 54%	p:0.006 77 vs 36%	p:0.000 64 vs 32%	p:0.000 58 vs 22%	p:0.000 87 vs 33%