

Table S2. Patients' characteristics in the GIM4 main cohort and in the GIM4-SNPs cohort.

	GIM4 Main N=2,056 (%)	GIM4 SNPs N=591 (%)
Age (median, IQR)	61 (54-67)	60 (54-67)
Ever smoker	473 (23.0)	123 (20.8)
BMI (kg/m²)		
<24	656 (31.9)	198 (33.5)
≥24	1,335 (64.9)	373 (63.1)
Missing	65 (3.2)	20 (3.4)
Tumor size		
pT1	1407 (68.4)	407 (68.9)
pT2	513 (25.0)	149 (25.2)
pT3-4	77 (3.7)	24 (4.1)
Missing	59 (2.9)	11 (2.0)
Nodal status		
pN0	1,149 (55.9)	357 (60.4)
pN1-3	839 (40.8)	223 (37.7)
Missing	68 (3.3)	11 (1.9)
Tumor Grade		
G1	317 (15.4)	118 (20.0)
G2	1,152 (56.0)	307 (51.9)
G3	430 (20.9)	121 (20.5)
Missing	64 (0.0)	45 (7.6)
(Neo)adjuvant CT		
No	905 (44.0)	273 (46.2)
Yes	1,122 (54.6)	316 (53.5)
Missing	29 (1.4)	2 (0.3)
HER2 status		
Negative	1,684 (81.9)	378 (64.0)
Positive	123 (6.0)	18 (3.0)
Unknown	249 (12.1)	195 (33.0)
Tamoxifen, years (median, IQR)	2.5 (2.2-2.9)	2.4 (2.1-2.6)
Letrozole, years (median, IQR)	2.9 (2.0-5.0)	3.0 (2.1-5.0)
Treatment arm		
Short	1,030 (50.1)	292 (49.4)
Long	1,026 (49.9)	299 (50.6)