

Supplementary Table S3. Characteristics of affected and unaffected participants

Categorical risk factors	Unaffected		Affected	
	N	%	N	%
Number of affected first-degree relatives				
0	175,773	89.2	2,637	84.0
1	20,399	10.4	465	14.8
2+	885	0.5	36	1.2
Breast biopsy				
No	195,713	99.3	3,097	98.7
Yes	1,344	0.7	41	1.3
Hyperplasia				
No	1,165	0.6	35	1.1
Yes	179	0.1	6	0.2
Missing or not applicable	195,713	99.3	3,097	98.7
Menopause				
No	45,106	22.89	607	19.34
Yes	151,951	77.11	2,531	80.66
Continuous risk factors	Unaffected		Affected	
	Mean	SD	Mean	SD
Body mass index (kg/m ²)	27.04	5.15	27.42	5.11
Age at menarche (years)	12.96	1.60	12.89	1.59
Age at first live birth (years)	25.89	5.04	26.15	5.10
Age at menopause (years)	12.96	1.60	12.89	1.59
77-SNP PRS	1.05	0.53	1.26	0.65
313-SNP PRS	1.01	0.68	1.36	0.87

Note: PRS, polygenic risk score; SNP, single-nucleotide polymorphism