

Table S1 Baseline characteristics of the participants

Items	N
Age (years)	
20–29	23
30–39	46
40–49	102
50–59	39
60–69	12
≥70	7
Clinical Symptoms	
Self-detected breast masses	127
Nipple discharge	11
Pain	13
More than one symptom	33
None	45
Origin of the participants	
Screening	21
Clinical symptoms	184
Requested by physician after mammography	24
Ultrasound based BI-RADS classification	
3	41
4A	113
4B	41
4C	20
5	14

Table S2 Results of the PCA

Variables	PC1	PC2	PC3	PC4	PC5	PC6
Age	−0.3709	−0.1718	0.0034	0.8282	−0.3809	−0.0435
Symptoms	0.3828	0.4524	−0.0830	0.5246	0.5821	−0.1669
Orientation	0.1070	−0.1917	0.9104	0.1067	0.1909	0.2741
Echo pattern	0.6137	−0.2417	0.1455	0.0132	−0.3868	−0.6277
Calcification	−0.5428	0.3706	0.3393	−0.1647	0.0801	−0.6476
Adler classification	0.1823	0.7303	0.1672	−0.0142	−0.5688	0.2860
Importance of components						
Standard deviation	1.2392	1.0925	1.0181	0.9704	0.8570	0.7471
Proportion of variance	0.2559	0.1989	0.1728	0.1570	0.1224	0.0930
Cumulative proportion	0.2559	0.4549	0.6276	0.7846	0.9070	1.0000

PCA, principal component analysis.

Table S3 Results of the VIF measurements

Variables	Age	Symptoms	Orientation	Echo pattern	Calcification	Adler classification
VIF	1.0437	1.0771	1.0342	1.2244	1.2069	1.0827

VIF, variance inflation factor.