Table S1. Trait descriptions from our study of mammographic density

BMIBody Mass Index (kg/m²)1,481Body FatPercent body fat1,109HeightHeight (cm)1,481	0.48 0.52 0.94 0.21
Height Height (cm) 1,481	0.94
	0.24
Hip Hip circumference (cm) 1,481	U.Z I
Waist Waist circumference (cm) 1,481	0.52
Weight Weight (kg) 1,481	0.57
WHR waist circumference/ hip circumference 1,481	0.54
Age at Menarche Age at first menstrual period 1,479	0.54
Age 1st Pregnancy Age at first child 1,349	0.25
Live Birth No. Number of live births 1,355	0.40
Nat Age at Meno Age at natural menopause 671	0.42
Dense Area Dense breast area (cm²) 1,481	0.49
Nondense Area Non-dense breast area (cm²) 1,481	0.70
Percent Density Percent density = dense area/total area * 100 1,481	0.45
Total Area Total breast area (cm²) 1,481	0.75
Estradiol-post Estradiol (pg/mL) in postmenopausal women 752	0.35
Free Estradiol-post Estradiol indexed for SHBG in postmenopausal women 752	0.28
Free Estradiol-pre Estradiol indexed for SHBG in premenopausal women 728	0.34
Free Testo-post Testosterone indexed for SHBG in postmenopausal women 752	0.50
Free Testo-pre Testosterone indexed for SHBG in premenopausal women 728	0.72
IGF1-post Insulin-like growth factor 1 (ng/mL) in postmenopausal women 546	0.77
IGF1-pre Insulin-like growth factor 1 (ng/mL) in premenopausal women 477	0.60
IGF1/IGFBP3-post IGF1/IGFBP3 in postmenopausal women 546	0.74
IGF1/IGFBP3-pre IGF1/IGFBP3 in premenopausal women 477	0.31
IGFBP3-post Insulin-like growth factor binding protein 3 (ng/dL) in postmenopausal women 547	0.60
IGFBP3-pre Insulin-like growth factor binding protein 3 (ng/dL) in premenopausal women 477	0.69
MMP1-post MMP-1 measured in serum in postmenopausal women 693	0.55
MMP1-pre MMP-1 measured in serum in premenopausal women 668	0.87
Prolactin-post Prolactin (ng/mL) in postmenopausal women 752	0.26
Prolactin-pre Prolactin (ng/mL) in premenopausal women 728	0.24

Progesterone-pre	Progesterone (ng/mL) in premenopausal women	728	0.35
SHBG-post	Steroid hormone binding globulin (nM) in postmenopausal women	752	0.33
SHBG-pre	Steroid hormone binding globulin (nM) in premenopausal women	728	0.70
Testosterone-post	Testosterone (ng/dL) in postmenopausal women	752	0.50
Testosterone-pre	Testosterone (ng/dL) in premenopausal women	728	0.55

Note $-h^2$ is the narrow sense heritability of each trait after adjusting for age and menopausal status, and for the hormones and growth factors, after standardizing by batch, adjusting for age, and stratifying analyses by menopausal status; h^2 was significantly different from 0 (p≤0.05) for all traits except estradiol in premenopausal women and progesterone in postmenopausal women