

**Supplementary Table S3.** Association between baseline risk factors and breast cancer risk utilizing FULL-VPD only for post-menopausal women.

Risk factors	Estimates			
	HR	P-value	Lower 95%	Upper 95%
<b>Age</b>	<b>1.03</b>	<b>0.03</b>	<b>1.00</b>	<b>1.06</b>
<b>BMI (kg/m<sup>2</sup>)</b>	<b>1.05</b>	<b>&lt;0.01</b>	<b>1.03</b>	<b>1.07</b>
Family history	1.20	0.25	0.88	1.64
Biopsy confirmed benign breast disease	0.98	0.92	0.73	1.33
Parity (1+ vs 0)	0.99	0.94	0.69	1.40
<b>FULL-VPD (per 1% increase)</b>	<b>1.06</b>	<b>0.04</b>	<b>1.00</b>	<b>1.1</b>