

**Supplementary Table S2.** Association between baseline risk factors and breast cancer risk utilizing MLO-VPD only for post-menopausal women.

Risk factors	Estimates			
	HR	P-value	Lower 95%	Upper 95%
Model				
<b>Age</b>	<b>1.03</b>	<b>0.03</b>	<b>1.00</b>	<b>1.05</b>
<b>BMI (kg/m<sup>2</sup>)</b>	<b>1.05</b>	<b>&lt;0.01</b>	<b>1.02</b>	<b>1.07</b>
Family history	1.20	0.24	0.88	1.64
Biopsy confirmed benign breast disease	1.00	1.00	0.74	1.35
Parity (1+ vs 0)	1.01	0.97	0.71	1.43
<b>MLO-VPD (per 1% increase)</b>	<b>1.05</b>	<b>0.04</b>	<b>1.00</b>	<b>1.10</b>