

Supplementary Table S5. Association between baseline risk factors and breast cancer risk utilizing MLO-VPD only for pre-menopausal women.

Risk factors	Estimates			
	HR	P-value	Lower 95%	Upper 95%
Model				
Age	1.00	0.98	0.95	1.05
BMI (kg/m²)	1.05	<0.01	1.02	1.10
Family history	1.96	<0.01	1.27	3.02
Biopsy confirmed benign breast disease	1.27	0.36	0.76	2.12
Parity (1+ vs 0)	0.96	0.87	0.59	1.57
MLO-VPD (per 1% increase)	1.05	0.17	0.98	1.13