



SUPPLEMENTARY 1. Trends of age distribution according to tumor characteristics (A- In situ cancer, B- Invasive Cancer)

SUPPLEMENTARY 2. Tumor characteristics of cancer detected according to screening results from 2009 to 2013

			2009		2010		2011		2012		2013	
			N	(%)	N	(%)	N	(%)	N	(%)	N	(%)
Screening results	Suspected	D05	153	(4.7)	154	(4.4)	185	(4.3)	222	(4.3)	212	(3.7)
		C50	994	(30.6)	990	(28.4)	1,079	(24.7)	1,193	(23.4)	1,299	(23.0)
	Deferred	D05	400	(12.3)	428	(12.3)	574	(13.1)	713	(14.0)	788	(14.0)
		C50	1,710	(52.8)	1,914	(54.9)	2,541	(58.0)	2,964	(58.2)	3,353	(59.4)

Abbreviations: D05= *in situ* cancer; C50= Invasive cancer

Supplementary 3. Age distribution of IC by screening mammography from 2009 to 2013

Age (years)		2009			2010			2011		
		N	%	ICR	N	%	ICR	N	%	ICR
40–49	D05	200	(6.9)	43.4	255	(8.1)	56.2	280	(7.5)	51.3
	C50	965	(33.4)	209.4	990	(31.5)	218.4	1,119	(30.2)	205
50–59	D05	170	(5.8)	36.9	210	(6.7)	46.3	245	(6.6)	44.8
	C50	786	(27.2)	170.6	836	(26.7)	184.4	1,126	(30.4)	206.3
60–69	D05	81	(2.8)	17.5	122	(3.9)	26.9	114	(3.1)	20.8
	C50	472	(16.3)	102.4	521	(16.6)	114.9	527	(14.2)	96.8
≥ 70	D05	24	(0.8)	5.2	24	(0.8)	5.2	34	(0.9)	6.2
	C50	182	(0.6)	39.5	178	(5.7)	39.3	246	(6.6)	45.1

Abbreviations: D05= *in situ* cancer; C50= Invasive cancer IC= interval cancer; ICR= interval cancer rate