

## Supplementary material

Table 1b Characteristics of screens among women aged 50-69 years, stratified by annual (9-17 months) and biennial (18-30 months) screening interval in the Breast Cancer Surveillance Consortium (BCSC) 1996-2010, United States (US) and Copenhagen 1991-2012 and Funen 1993-2013, Denmark

	Screening interval					
	BCSC, US		Copenhagen, Denmark		Funen, Denmark	
	Annual (% of stratum)	Biennial (% of stratum)	Annual (% of stratum)	Biennial (% of stratum)	Annual (% of stratum)	Biennial (% of stratum)
Total number of women	10,976	7,228	1,823	47,387	1,200	74,581
Total number of screens	23,013	9,810	1,923	120,310	1,207	282,465
Film mammograms	19,444(84.5)	8523 (86.9)	550 (28.6)	98,960 (82.3)	824 (68.3)	190,849 (67.6)
Digital mammograms	2,772(12.0)	1,081 (11.0)	1,373 (71.4)	21,350 (17.8)	383 (31.7)	91,616 (32.4)
Missing type	797 (3.5)	206 (2.1)	0 (0.0)	0 (0.0)	0 (0.0)	0.0 (0.0)
Age at the screen						
50-54 years	5,147 (22.4)	2,847 (29.0)	1,145 (59.5)	23,877(19.9)	820 (67.9)	59,213 (21.0)
55-59 years	6,840 (29.7)	3,200 (32.6)	382 (19.9)	43,793 (36.4)	115 (9.5)	88,651 (31.4)
60-64 years	5,613 (24.4)	1,982 (20.2)	249 (13.0)	28,034 (23.3)	119 (9.9)	74,783 (26.5)
65-69 years	5,413 (23.5)	1,781 (18.2)	147 (7.6)	24,606 (20.5)	153 (12.7)	59,818 (21.2)
Number of screens per woman <sup>a</sup>						
1	6,016 (54.8)	5,593 (77.4)	1,729 (94.9)	14,572(30.8)	1,200 (99.5)	15,055 (20.2)
2	2,218 (20.2)	1,098 (15.2)	88 (4.8)	13,396(28.3)	7 (0.5)	12,204 (16.4)
3	1,079 (9.8)	288 (4.0)	6 (0.3)	7,655 (16.2)		10,186 (13.7)
4	606 (5.5)	135 (1.9)		4,865 (10.3)		8,974 (12.0)
5	375 (3.4)	74 (1.0)		5,339 (11.3)		8,665 (11.6)
6	262 (2.4)	33 (0.5)		1,094(2.3)		8,437 (11.3)
7	175 (1.6)	7 (0.1)		466 (1.0)		6,449 (8.6)
8	105 (1.0)					4,041 (5.4)
9	60 (0.5)					5,70 (0.8)
10	41 (0.4)					
>10	39 (0.4)					

The following censoring mechanisms are used: 1) if information about time since last mammogram from database differs from self-report information; 2) if time since last mammogram >36 months; 3) if the mammogram had a missing BI-RADS assessment or result; 4) If the screen has another screening interval compared to the second screen then the screen and all subsequent screens are censored.

<sup>a</sup> The number of annual or biennial screens after the first screen (first screens are excluded).