

Supplementary table 1 - HPV-test positivity by invitational mode, mother tongue and age among screening participants in study years.

	Primary invitation			Self-sampling arm			Reminder letter arm			Self-sampling as 3rd		
	Tested*	Positive (RLU>1)		Tested†	Positive (RLU>1)		Tested*	Positive (RLU>1)		tested†	Positive (RLU>1)	
	n	n	%	n	n	%	n	n	%	n	n	%
Total	4,801	357	7.4	663	81	12.2	466	33	7.1	239	31	13.0
Invitational mode												
5-year interval	4,504	252	5.6	628	78	12.4	431	25	5.8	225	28	12.4
Intensified screening	297	105	35.4	35	3	8.6	35	8	22.9	14	3	21.4
Mother tongue												
Finnish	4,210	307	7.3	578	76	13.1	406	29	7.1	197	23	11.7
Swedish	307	27	8.8	35	1	2.9	29	2	6.9	17	3	17.6
Other	284	23	8.1	50	4	8.0	31	2	6.5	25	5	20.0
Age, years												
30-34	611	100	16.4	100	20	20.0	81	5	6.2	57	7	12.3
35-39	567	53	9.3	105	13	12.4	89	6	6.7	46	7	15.2
40-44	703	41	5.8	89	11	12.4	74	8	10.8	29	4	13.8
45-49	784	50	6.4	106	12	11.3	72	4	5.6	38	9	23.7
50-54	634	39	6.2	85	7	8.2	55	2	3.6	21	0	0.0
55-59	739	46	6.2	102	7	6.9	43	3	7.0	22	1	4.5
60-64	763	28	3.7	76	11	14.5	52	5	9.6	26	3	11.5

* Women randomised for primary HPV-screening in the routine screening programme of Espoo.

† Women who took part in screening by sending a self taken sample for HPV-analysis to the screening