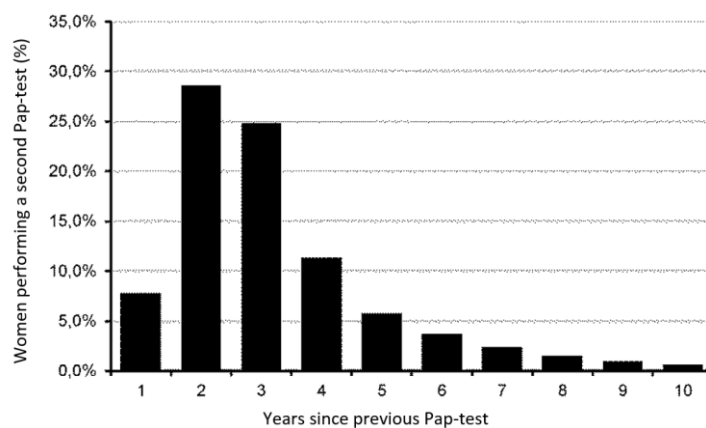


Supplementary File 4 Individual screening participation and periodicity data

Individual screening frequency	Distribution
Annual	5,9%
2 years	21,5%
3 years	18,7%
4 years	8,6%
5 years	4,3%
6 years	2,8%
7 years	1,8%
8 years	1,1%
9 years	0,7%
10 years	0,5%



Population	RR of participating vs. average	Source
Age		
25 – 30	1,06	National health insurance database ³
30 – 35	1,08	National health insurance database ³
35 – 40	1,07	National health insurance database ³
40 – 45	1,04	National health insurance database ³
50 – 55	0,92	National health insurance database ³
55 – 60	0,82	National health insurance database ³
60 – 65	0,77	National health insurance database ³
Universal complementary health insurance registration		
Yes	0,80	National health insurance database ³
No	1,03	National health insurance database ³

Each woman is associated with an IndScr participation status (Yes/No) and a screening period. Age-dependent probabilities of becoming NP are applied throughout the simulation to account for the lesser participation among older women. These probabilities are determined as follows:

$$P_{become\ non-participant} = (RR_{next\ age-group} / RR_{current\ age-group}) / 5$$