

Appendix 2: Sensitivity analyses (Tables A, B and C)

Table A: Effect of patients with low socioeconomic status (SES) on compliance with preventive measures in clinics of eligible physicians who complied / did not comply with the specific preventive measure									
Preventive measure	Physicians with upper third of patients with low SES			Physicians with middle third of patients with low SES			Physicians with lower third of patients with low SES		
	% of patients compliant in group A*	% of patients compliant in group B†	p value	% of patients compliant in group A*	% of patients compliant in group B†	p value	% of patients compliant in group A*	% of patients compliant in group B†	p value
Influenza vaccine	38.8	46.4	<0.001	44.1	50.2	<0.001	45.7	48.6	0.06
Pneumococcal vaccine	39.2	41.2	0.7	49.2	58.1	0.06	40.6	41.7	0.1
Mammogram	65.2	66.9	0.2	67	71	0.01	67.9	71.1	0.3
Colorectal cancer screen	33.1	36.7	0.03	34.9	39.3	0.008	33.8	41.6	0.004
LDL measurement	79.6	81.4	0.1	81.2	82.5	0.5	79.9	83.4	0.1
Blood pressure measurement every 5 yr if age 20–40 yr	83.3	83.7	0.9	81.1	84.6	0.05	80.1	82.3	0.3
Blood pressure measurement every 2 yr if age 41–54 yr	79.8	82.5	0.05	81.3	84.6	0.04	81.2	81.3	0.99
Blood pressure measurement every year if age 55–84 yr	75.6	77.3	0.4	71.7	80.1	<0.001	73.9	78.9	0.06

*Group A clinics: clinics of eligible physicians who did not comply with the specific preventive measure.
†Group B clinics: clinics of eligible physicians who complied with the specific preventive measure.

Table B: Effect of the size of patient list on compliance with preventive measures in clinics of eligible physicians who complied / did not comply with the specific preventive measure									
Preventive measure	Physicians with upper third of patient list size			Physicians with middle third of patient list size			Physicians with lower third of patient list size		
	% of patients compliant in group A*	% of patients compliant in group B†	<i>p</i> value	% of patients compliant in group A*	% of patients compliant in group B†	<i>p</i> value	% of patients compliant in group A*	% of patients compliant in group B†	<i>p</i> value
Influenza vaccine	42.4	47.9	<0.001	40.8	47.3	<0.001	44.7	50.2	<0.001
Pneumovax vaccine	52.5	51.5	0.8	42.2	50.4	0.8	33.9	48.4	<0.001
Mammography	69.6	71.3	0.4	66.2	69.3	0.09	65.2	68.2	0.1
Colorectal cancer screen	34.9	38.6	0.08	32.4	38.2	0.002	34.4	40.4	0.002
LDL measure	78.6	83.3	0.03	78.8	82.4	0.03	82.0	84.0	0.3
Blood pressure measurement every 5 yr if age 20–40 yr	82.8	84.5	0.5	81.8	84.6	0.2	77.5	82.5	0.05
Blood pressure measurement every 2 yr if age 41–54 yr	83.6	85.3	0.2	79.9	81.8	0.2	79.2	80.3	0.6
Blood pressure measurement every year if age 55–84 yr	75.9	80.4	0.04	73.6	78.2	0.05	72.2	78.1	0.01
*Group A clinics: clinics of eligible physicians who did not comply with the specific preventive measure. †Group B clinics: clinics of eligible physicians who complied with the specific preventive measure.									

Table C: Effect of elderly patients on compliance with preventive measures in clinics of eligible physicians who complied / did not comply with the specific preventive measure									
Preventive measure	Physicians with upper third of elderly patients			Physicians with middle third of elderly patients			Physicians with lower third of elderly patients		
	% of patients compliant in group A*	% of patients compliant in group B†	<i>p</i> value	% of patients compliant in group A*	% of patients compliant in group B†	<i>p</i> value	% of patients compliant in group A*	% of patients compliant in group B†	<i>p</i> value
Influenza vaccine	41.4	48.6	<0.001	42.8	49.0	<0.001	44.0	48.0	0.2
Pneumovax vaccine	30.4	32.9	0.5	41.2	46.3	0.3	56.7	61.9	0.3
Mammography	66.9	69.4	0.03	65.7	68.8	0.10	65.3	70.3	0.4
Colorectal cancer screen	30.9	35.9	0.004	33.4	37.9	0.004	39.0	42.4	0.2
LDL measure	80.7	82.6	0.1	80.8	83.3	0.03	78.9	81.9	0.4
Blood pressure measurement every 5 yr if age 20–40 yr	83.6	84.7	0.7	79.8	81.7	0.4	80.9	85.1	0.07
Blood pressure measurement every 2 yr if age 41–54 yr	77.1	79.3	0.2	80.4	82.2	0.2	87.1	85.7	0.5
Blood pressure measurement every year if age 55–84 yr	72.6	78.3	0.001	74.1	76.1	0.4	76.2	83.0	0.04

*Group A clinics: clinics of eligible physicians who did not comply with the specific preventive measure.
†Group B clinics: clinics of eligible physicians who complied with the specific preventive measure.