

Supplementary file 1: Extended tables

Extended Table 3: The relationship of personal characteristics and observed participation in SDM

Variable	univariable analysis			multivariable analysis ^a		
Health literacy	N=190					
	β	95% CI	p-value	β	95% CI	p-value
OPTION item 1	.02	(.01;.03)	.00**	.02	(.01;.04)	.01**
OPTION item 2	.01	(.00;.03)	.04*	.02	(.00;.03)	.03*
OPTION item 3	.01	(-.01;.02)	.30	.01	(-.01;.03)	.30
OPTION item 4	.03	(.02;.04)	<.001***	.04	(.02;.05)	<.001***
OPTION item 5	.03	(.02;.04)	<.001***	.04	(.02;.05)	<.001***
OPTION item 6	.02	(.01;.04)	<.001***	.02	(.01;.04)	.00**
OPTION item 7	.02	(.00;.03)	.03*	.02	(.00;.03)	.03*
Mean OPTION	.02	(.01;.03)	<.001***	.02	(.01;.03)	<.001***
Anxiety	N=188			N=183		
	β	95% CI	p-value	β	95% CI	p-value
OPTION item 1	.01	(-.01;.04)	.35	.02	(-.01;.05)	.14
OPTION item 2	-.01	(-.03;.02)	.68	-.01	(-.03;.02)	.66
OPTION item 3	-.01	(-.04;.02)	.40	-.01	(-.05;.02)	.44
OPTION item 4	.00	(-.02;.03)	.86	.01	(-.02;.04)	.48
OPTION item 5	.01	(-.01;.04)	.32	.00	(-.03;.03)	.89
OPTION item 6	.01	(-.01;.04)	.35	.01	(-.02;.04)	.50
OPTION item 7	.01	(-.02;.03)	.57	.01	(-.02;.04)	.46
Mean OPTION	.01	(-.01;.02)	.58	.01	(-.01;.03)	.60
Frailty	N=192					
	β	95% CI	p-value	β	95% CI	p-value
OPTION item 1	-.02	(-.06;.02)	.26	-.03	(-.07;.01)	.21
OPTION item 2	-.01	(-.04;.03)	.73	.01	(-.04;.05)	.78
OPTION item 3	-.02	(-.06;.03)	.42	.00	(-.05;.05)	.89
OPTION item 4	-.02	(-.06;.02)	.25	-.02	(-.06;.02)	.36
OPTION item 5	.01	(-.03;.05)	.62	.02	(-.03;.06)	.46
OPTION item 6	-.01	(-.04;.03)	.74	.00	(-.04;.04)	.88
OPTION item 7	-.02	(-.06;.02)	.29	-.02	(-.06;.02)	.36
Mean OPTION	-.01	(-.04;.02)	.42	-.01	(-.04;.02)	.65
Education	N=201			N=183		
	β	95% CI	p-value	β	95% CI	p-value
OPTION item 1	.06	(-.16;.28)	.59	-.08	(-.33;.17)	.53
OPTION item 2	.06	(-.15;.28)	.56	-.07	(-.32;.18)	.60
OPTION item 3	.10	(-.16;.36)	.46	.06	(-.25;.36)	.72
OPTION item 4	.11	(-.11;.34)	.33	-.19	(-.44;.06)	.13
OPTION item 5	.14	(-.09;.38)	.23	-.14	(-.40;.12)	.30
OPTION item 6	.21	(-.01;.42)	.06	.08	(-.16;.31)	.54
OPTION item 7	.10	(-.13;.33)	.38	-.04	(-.30;.23)	.78
Mean OPTION	.11	(-.05;.27)	.19	-.06	(-.24;.12)	.53

Age	N=205						
		β	95% CI	p-value	β	95% CI	p-value
OPTION item 1		-.01	(-.02;.00)	.12	.00	(-.02;.01)	.59
OPTION item 2		-.01	(-.02;.00)	.03*	-.01	(-.02;.00)	.16
OPTION item 3		-.01	(-.02;.01)	.35	-.01	(-.02;.00)	.18
OPTION item 4		-.01	(-.03;.00)	.02*	-.01	(-.02;.01)	.33
OPTION item 5		-.01	(-.02;.01)	.34	.00	(-.01;.01)	.72
OPTION item 6		-.01	(-.02;.00)	.13	.00	(-.02;.01)	.51
OPTION item 7		-.01	(-.02;.00)	.08	-.01	(-.02;.01)	.28
Mean OPTION		-.01	(-.02;.00)	.03*	.00	(-.01;.00)	.26

Extended Table 4 The mediating influence of participation in the SDM process in the relationship between personal characteristics and the perceived level of SDM

Perceived level of SDM	N=155 VARIABELE					
	Education			Anxiety		
	β	95% CI	p-value	β	95% CI	p-value
OPTION item 1	-2.15	(-4.34; .04)	.05	-.32	(-.56; -.08)	.01*
OPTION item 2	-2.16	(-4.35; .04)	.05	-.33	(-.57; -.09)	.01*
OPTION item 3	-2.45	(-4.62; -.27)	.03*	-.32	(-.55; -.08)	.01*
OPTION item 4	-2.12	(-4.3; .07)	.06	-.33	(-.57; -.09)	.01*
OPTION item 5	-2.17	(-4.37; .03)	.05	-.33	(-.57; -.09)	.01*
OPTION item 6	-2.15	(-4.36; .05)	.06	-.33	(-.57; -.09)	.01*
OPTION item 7	-2.42	(-4.6; .23)	.03*	-.35	(-.58; -.11)	.01*
Mean OPTION	-2.23	(-4.44; -.02)	.05	-.33	(-.57; -.09)	.01*

*< .05
 **<.01
 ***<.001

Extended Table 5 The mediating influence of participation in the SDM process in the relationship between personal characteristics and decisional conflict

Decisional Conflict	N=137 VARIABELE								
	Education			Health Literacy			Anxiety		
	β	95% CI	p-value	β	95% CI	p-value	B	95% CI	p-value
OPTION item 1	12.10	(4.40; 19.80)	.00**	-.65	(-1.14; -.16)	.01*	1.24	(.51; 1.97)	.00**
OPTION item 2	11.98	(4.39; 19.57)	.00**	-.60	(-1.07; -.13)	.01*	1.21	(.50; 1.92)	.00**
OPTION item 3	12.38	(4.67; 2.09)	.00**	-.67	(-1.14; -.20)	.01*	1.22	(.50; 1.95)	.00**
OPTION item 4	11.39	(3.74; 19.03)	.00**	-.48	(-.10; .029)	.06	1.25	(.54; 1.97)	.00**
OPTION item 5	11.38	(3.78; 18.98)	.00**	-.48	(-.98; .02)	.06	1.31	(.59; 2.02)	.00**
OPTION item 6	11.82	(4.18; 19.47)	.00**	-.57	(-1.06 -.07)	.03*	1.24	(.53; 1.96)	.00**
OPTION item 7	12.22	(4.71; 19.72)	.00**	.54	(-1.02; -.07)	.02*	1.30	(.59; 2.00)	.00**
Mean OPTION	11.71	(4.15; 19.27)	.00**	-.47	(-.97; .03)	.07	1.28	(.57; 2.00)	.00**

*< .05
 **<.01
 ***<.001