

**Table S1. Prediction of new cases of excessive daytime sleepiness from changes within variables over time in women younger and older than 40 years and 50 years at baseline, respectively. Results from age-stratified multivariate logistic regression analyses.**

	Younger than 40 y Adj. OR (95% CI) <sup>a</sup> (n = 1,868 )	Younger than 50 y Adj. OR (95% CI) <sup>a</sup> (n = 2,729 )	Older than 40 y Adj. OR (95% CI) <sup>a</sup> (n = 2,454 )	Older than 50 y Adj. OR (95% CI) <sup>a</sup> (n = 1,593 )
<b>Insomnia</b>				
- No-No	1	1	1	1
- No-Yes ("Incident")	<b>4.45 (2.80-7.07)</b>	<b>5.24 (3.62-7.58)</b>	<b>6.06 (3.78-9.74)</b>	<b>4.71 (2.28-9.74)</b>
- Yes-No ("Remitted")	1.55 (0.80-3.01)	1.48 (0.81-2.71)	0.96 (0.38-2.41)	0.94 (0.32-2.74)
- Yes-Yes ("Persistent")	<b>3.86 (2.08-7.16)</b>	<b>5.31 (3.29-8.56)</b>	<b>5.05 (2.88-8.84)</b>	<b>3.16 (1.41-7.06)</b>
<b>Anxiety and/or depression</b>				
- No-No	1	1	1	1
- No-Yes ("Incident")	<b>3.57 (2.09-6.11)</b>	<b>3.34 (2.11-5.29)</b>	<b>4.22 (2.16-8.25)</b>	<b>4.08 (1.55-10.7)</b>
- Yes-No ("Remitted")	<b>3.52 (1.98-6.25)</b>	<b>2.95 (1.81-4.82)</b>	1.66 (0.81-3.42)	1.60 (0.55-4.68)
- Yes-Yes ("Persistent")	<b>7.92 (4.29-14.6)</b>	<b>5.62 (3.35-9.41)</b>	<b>3.02 (1.51-6.05)</b>	<b>4.38 (1.68-11.4)</b>
<b>Somatic disease</b>				
- No-No	1	1	1	1
- No-Yes ("Incident")	<b>2.29 (1.38-3.80)</b>	<b>1.85 (1.20-2.87)</b>	1.39 (0.74-2.61)	1.29 (0.51-3.26)
- Yes-No ("Remitted")	0.51 (0.19-1.40)	0.85 (0.42-1.71)	0.94 (0.38-2.35)	0.26 (0.03-2.16)
- Yes-Yes ("Persistent")	1.03 (0.53-2.00)	1.25 (0.74-2.11)	1.81 (0.94-3.48)	1.50 (0.60-3.75)
<b>Regular medication</b>				
- No-No	1	1	1	1
- No-Yes ("Incident")	1.64 (0.96-2.80)	<b>1.65 (1.05-2.60)</b>	<b>2.05 (1.01-4.18)</b>	2.29 (0.64-8.14)
- Yes-No ("Remitted")	0.94 (0.50-1.77)	1.12 (0.65-1.92)	1.90 (0.74-4.87)	2.17 (0.42-11.1)
- Yes-Yes ("Persistent")	1.44 (0.79-2.62)	1.36 (0.82-2.26)	1.91 (0.90-4.06)	3.43 (0.96-12.2)
<b>Snoring</b>				
- No-No	1	1	1	1
- No-Yes ("Incident")	<b>2.18 (1.01-4.70)</b>	<b>2.06 (1.17-3.63)</b>	1.69 (0.87-3.29)	1.37 (0.45-4.17)
- Yes-No ("Remitted")	1.50 (0.51-4.43)	1.25 (0.51-3.08)	1.28 (0.56-2.93)	1.49 (0.55-4.04)
- Yes-Yes ("Persistent")	1.50 (0.51-4.43)	0.23 (0.05-1.05)	1.21 (0.54-2.68)	<b>3.27 (1.25-8.56)</b>
<b>Obesity</b>				
- No-No	1	1	1	1
- No-Yes ("Incident")	1.64 (0.92-2.93)	1.49 (0.92-2.41)	1.81 (0.98-3.33)	<b>2.78 (1.16-6.62)</b>
- Yes-No ("Remitted")	N/A <sup>b</sup>	0.44 (0.05-3.58)	0.84 (0.24-2.97)	0.89 (0.18-4.37)
- Yes-Yes ("Persistent")	0.75 (0.36-1.59)	0.80 (0.46-1.40)	1.22 (0.70-2.13)	1.16 (0.55-2.44)
<b>Smoking</b>				
- No-No	1	1	1	1
- No-Yes ("Incident")	<b>7.98 (2.79-22.8)</b>	<b>5.06 (2.13-12.0)</b>	2.63 (0.63-10.9)	2.36 (0.21-26.4)

- Yes-No ("Remitted")	1.23 (0.65-2.31)	0.91 (0.53-1.57)	<b>0.35 (0.14-0.88)</b>	<b>0.21 (0.04-0.98)</b>
- Yes-Yes ("Persistent")	1.88 (0.90-3.95)	1.13 (0.62-2.07)	0.48 (0.21-1.06)	0.61 (0.19-1.95)
High physical activity				
- No-No	1	1	1	1
- No-Yes ("Increased")	0.60 (0.31-1.15)	0.77 (0.46-2.07)	1.00 (0.48-2.07)	0.39 (0.19-1.95)
- Yes-No ("Decreased")	0.81 (0.47-1.38)	0.82 (0.51-1.30)	1.27 (0.62-2.61)	1.35 (0.47-3.86)
- Yes-Yes	1.10 (0.61-1.98)	0.95 (0.56-1.59)	0.57 (0.19-1.69)	0.36 (0.04-3.30)
Full-time work				
- No-No	1	1	1	1
- No-Yes ("Increased")	<b>0.40 (0.23-0.68)</b>	<b>0.52 (0.33-0.81)</b>	1.52 (0.73-3.15)	1.20 (0.20-7.01)
- Yes-No ("Decreased")	0.76 (0.43-1.36)	0.65 (0.39-1.06)	0.88 (0.50-1.52)	1.13 (0.57-2.24)
- Yes-Yes	0.61 (0.36-1.03)	<b>0.66 (0.44-0.99)</b>	1.14 (0.67-1.94)	0.68 (0.27-1.72)
Shift or night work				
- No-No	1	1	1	1
- No-Yes ("Increased")	1.12 (0.54-2.30)	1.12 (0.60-2.10)	0.66 (0.18-2.48)	N/A <sup>b</sup>
- Yes-No ("Decreased")	0.89 (0.35-2.27)	1.27 (0.64-2.51)	1.31 (0.53-3.24)	0.32 (0.04-2.69)
- Yes-Yes	1.34 (0.45-4.03)	1.05 (0.42-2.64)	0.66 (0.17-2.58)	1.49 (0.17-12.7)
Co-habiting ("Marital status")				
- No-No	1	1	1	1
- No-Yes	0.73 (0.35-1.51)	0.65 (0.37-1.16)	0.67 (0.23-1.96)	2.53 (0.47-13.6)
- Yes-No	0.71 (0.27-1.83)	0.52 (0.25-1.12)	<b>0.35 (0.14-0.84)</b>	0.49 (0.15-1.67)
- Yes-Yes	<b>0.48 (0.23-0.97)</b>	<b>0.43 (0.25-0.72)</b>	<b>0.55 (0.34-0.90)</b>	0.63 (0.32-1.24)
Children at home				
- No-No	1	1	1	1
- No-Yes ("Increased")	1.29 (0.71-2.35)	<b>1.78 (1.08-2.93)</b>	2.45 (0.78-7.70)	0.79 (0.10-6.43)
- Yes-No ("Decreased")	0.72 (0.15-3.36)	0.74 (0.40-1.37)	1.38 (0.82-2.32)	1.53 (0.74-3.16)
- Yes-Yes	0.93 (0.47-1.83)	1.03 (0.63-1.69)	<b>2.44 (1.39-4.28)</b>	<b>4.71 (1.79-12.4)</b>

<sup>a</sup>Adjusted for all the variables in the table.

<sup>b</sup>Too few subjects for analysis.

Adj. OR = adjusted odds ratio; CI = confidence interval.