Correction of bias in self-reported sitting time among office workers – a study based on compositional data analysis [1]

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1. *Supplementary material*
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Table S1. Correlation matrix of all modelling variables.

	1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**
1	1																
2	-0.10	1															
3	-0.16	0.05	1														
4	-0.10	-0.06	0.08	1													
5	-0.03	-0.04	-0.01	-0.01	1												
6	0.05	-0.02	0.08	0.08	-0.01	1											
7	-0.09	0.02	0.05	-0.05	-0.07	-0.02	1										
8	-0.21	0.07	-0.02	0.05	0.13	-0.13	0.09	1									
9	-0.07	-0.08	-0.07	-0.02	0.05	-0.04	0.24	0.39	1								
10	0.12	0.04	0.10	-0.05	-0.18	0.10	-0.10	0.08	0.02	1							
11	0.07	0.20	-0.04	0.06	-0.15	-0.13	0.04	0.04	0.07	0.03	1						
12	0.17	0.19	-0.44	-0.29	-0.14	-0.15	0.08	0.05	0.01	-0.06	-0.05	1					
13	0.18	0.11	-0.21	-0.10	0.13	0.14	0.19	0.05	0.05	-0.17	-0.15	0.22	1				
14	0.07	0.14	-0.18	0.14	-0.14	-0.13	0.14	0.16	-0.06	0.14	0.10	0.26	-0.04	1			
15	-0.23	-0.05	0.11	-0.01	0.22	0.02	0.39	0.14	0.19	-0.14	-0.02	0.04	-0.03	-0.01	1		
16	-0.06	-0.07	0.13	-0.01	-0.03	-0.03	0.09	-0.09	-0.12	-0.04	0.04	-0.16	-0.04	0.05	-0.17	1	
17	-0.08	0.13	0.16	-0.07	-0.11	0.12	0.26	0.13	0.14	0.21	-0.03	-0.11	0.09	0.07	0.35	-0.25	1

1=Gender; 2=Smoking; 3=Education; 4=Managing position; 5=Worksite; 6=Office type; 7=General health; 8=Upper limb symptoms; 9=Back symptoms; 10=Screen work; 11=Physical load variation; 12=Age; 13=Body mass index; 14=Seniority; 15=Wellbeing; 16=Social support; 17=Demands

Table S2. Calibration models predicting objectively measured ('true') sitting time from self-reported sitting time and each of the candidate predictors that were not included in the eventual multivariate model (Table 3 in the main text). Regression coefficients (beta) with 95% confidence intervals (95% CI).

		Beta	**95% CI**
Intercept		0.51	0.22-0.79
Self-reported sitting (ILR)		0.31	0.22-0.40
Smoking	Yes	Ref.	
	No	-0.11	-0.39-0.18
Intercept		0.45	0.30-0.61
Self-reported sitting (ILR)		0.31	0.22-0.40
Education	Other education	Ref.	
	University	-0.07	-0.24-0.10
Intercept		0.52	0.32-0.72
Self-reported sitting (ILR)		0.31	0.22-0.41
Managing	Yes	Ref.	
	No	-0.14	-0.36-0.07
Intercept		0.47	0.21-0.74
Self-reported sitting (ILR)		0.30	0.21-0.39
Worksite	Worksite A	Ref.	
	Worksite B	0.15	-0.17-0.47
	Worksite C	-0.22	-0.53-0.10
	Worksite D	-0.05	-0.33-0.24
	Worksite E	-0.10	-0.38-0.19
Intercept		0.44	0.28-0.60
Self-reported sitting (ILR)		0.31	0.22-0.40
Upper limb	No	Ref.	
	Yes	-0.05	-0.22-0.13
Intercept		0.36	0.22-0.51
Self-reported sitting (ILR)		0.31	0.22-0.40
Back pain	No	Ref.	
	Yes	-0.08	-0.08-0.24
Intercept		0.40	0.29-0.52

Self-reported sitting (ILR)		0.31	0.21-0.40
General health	Good	Ref.	
	Bad	0.08	-0.17-0.32
Intercept		0.36	0.18-0.53
Self-reported sitting (ILR)		0.31	0.22-0.40
Work with screen	Not	Ref.	
	A little/a lot	0.07	-0.12-0.25
Intercept		0.41	0.23-0.59
Self-reported sitting (ILR)		0.31	0.21-0.40
Varying physical load	Not	Ref.	
	A little/a lot	0.00	-0.18-0.19
Intercept		0.63	0.17-1.08
Self-reported sitting (ILR)		0.30	0.21-0.40
Age		-0.00	-0.01-0.01
Intercept		0.46	0.32-0.60
Self-reported sitting (ILR)		0.31	0.21-0.40
Seniority		-0.01	-0.03-0.01
Intercept		0.37	0.16-0.57
Self-reported sitting (ILR)		0.31	0.21-0.40
Wellbeing		0.02	-0.05-0.09
Intercept		0.45	0.10-0.80
Self-reported sitting (ILR)		0.30	0.21-0.40
Social support		-0.02	-0.15-0.13
Intercept		0.31	0.08-0.54
Self-reported sitting (ILR)		0.31	0.22-0.40
Demands		0.03	-0.03-0.09

ILR = Isometric log ratio