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Online Supplement**Occupational risks for infection with influenza A and B – a national case-control study covering July 1, 2006 to December 31, 2019**

Kjell Torén, Maria Albin, Tomas Bergström, Magnus Alderling, Linus Schiöler,
Maria Åberg

Table S1. Conditional logistic multivariable regression models of influenza matched for age, and geographic region, and adjusted for education, country of birth, COPD, IHD, diabetes and use of steroids in relation to the different dimensions of transmission and mitigation factors, stratified for gender (Model 2) in a national case-control study covering July 1, 2006 to December 31, 2019.

Dimensions of transmission and mitigation factors	Influenza Odds ratios with 95% confidence intervals ^a	
	Men	Women
<u>Number of workers in close proximity to each other^a</u>		
<10 per day	1.05 (0.97-1.13)	1.02 (0.93-1.11)
10-30 per day	1.14 (1.04-1.25)	1.15 (1.06-1.24)
>30 per day	1.30 (1.18-1.43)	1.25 (1.16-1.34)
<u>Nature of contacts^a</u>		
In workspaces with coworkers only	1.04 (0.96-1.12)	1.06 (0.97-1.15)
In workspaces with general public	1.14 (1.04-1.24)	1.09 (1.01-1.17)
Regular contacts with infected patients	1.64 (1.46-1.85)	1.34 (1.25-1.45)
<u>Contaminated workspaces^a</u>		
Frequently sharing material/surfaces with coworkers (≥10 times/day)	1.04 (0.96-1.12)	1.10 (1.01-1.20)
Sometimes sharing material/surfaces with general public (<10 times/day)	1.11 (0.94-1.30)	1.03 (0.91-1.18)
Frequently sharing materials/surfaces with general public (≥10 times/day)	1.26 (1.16-1.38)	1.20 (1.12-1.28)
<u>Location^a</u>		
Mostly working outside	1.25 (1.02-1.55)	1.06 (0.71-1.59)
Working partly inside	1.08 (0.97-1.21)	1.04 (0.85-1.28)
Working mostly inside	1.12 (1.04-1.20)	1.17 (1.09-1.24)
<u>Social distancing^a</u>		
Always maintained	1.07 (1.00-1.14)	1.02 (0.91-1.14)
Not always	1.11 (1.03-1.18)	1.10 (0.98-1.24)
Never maintained	1.31 (1.23-1.40)	1.25 (1.12-1.40)
<u>Physical proximity</u>		
3 rd vs. 2 nd and 1 st	1.07 (1.00-1.15)	1.08 (1.01-1.17)
4 th vs. 2 nd and 1 st	1.39 (1.26-1.52)	1.35 (1.25-1.46)
<u>Exposure to diseases or infections</u>		
2 nd vs. 1 st	1.13 (1.04-1.23)	1.15 (1.07-1.23)
3 rd vs. 1 st	1.22 (1.07-1.39)	1.15 (1.08-1.23)
4 th vs. 1 st	1.67 (1.43-1.94)	1.45 (1.34-1.57)

COPD=chronic obstructive pulmonary disease; IHD=ischemic heart disease;

a. Compared with homeworkers or working alone.

Table S2. Conditional logistic multivariable regression models of influenza with pneumonia in relation to the different dimensions of transmission and mitigation factors in a national case-control study covering July 1, 2006 to December 31, 2019.

Dimensions of transmission and mitigation factors	Influenza pneumonia (N=7,458) Odds ratios with 95% confidence intervals	
	Basic models (Model 1)	Adjusted models (Model 2)
Number of workers in close proximity to each other ^c		
<10 per day	1.17 (1.09-1.27)	1.05 (0.97-1.14)
10-30 per day	1.43 (1.32-1.55)	1.20 (1.10-1.31)
>30 per day	1.38 (1.28-1.49)	1.21 (1.12-1.32)
Nature of contacts ^c		
In workspaces with coworkers only	1.18 (1.09-1.27)	1.06 (0.98-1.15)
In workspaces with general public	1.32 (1.23-1.43)	1.16 (1.07-1.25)
Regular contacts with infected patients	1.58 (1.45-1.72)	1.28 (1.17-1.41)
Contaminated workspaces ^c		
Frequently sharing material/surfaces with coworkers (≥ 10 times/day)	1.15 (1.07-1.24)	1.06 (0.98-1.15)
Sometimes sharing material/surfaces with general public (<10 times/day)	1.08 (0.93-1.24)	1.05 (0.90-1.22)
Frequently sharing materials/surfaces with general public (≥ 10 times/day)	1.48 (1.38-1.59)	1.22 (1.13-1.32)
Location ^c		
Mostly working outside	1.67 (1.32-2.12)	1.26 (0.97-1.64)
Working partly inside	1.23 (1.09-1.39)	1.08 (0.95-1.23)
Working mostly inside	1.31 (1.23 – 1.40)	1.15 (1.07-1.23)
Social distancing ^c		
Always maintained	1.15 (1.07-1.24)	1.07 (0.99-1.16)
Not always	1.31 (1.21-1.42)	1.15 (1.05-1.25)
Never maintained	1.52 (1.41-1.64)	1.23 (1.13-1.34)
Physical proximity		
3 rd vs. 2 nd and 1 st	1.15 (1.07-1.23)	1.08 (1.01-1.16)
4 th vs. 2 nd and 1 st	1.47 (1.36-1.59)	1.24 (1.14-1.35)
Exposure to diseases or infections		
2 nd vs. 1 st	1.34 (1.26-1.44)	1.16 (1.08-1.25)
3 rd vs. 1 st	1.32 (1.22-1.43)	1.21 (1.11-1.32)
4 th vs. 1 st	1.09 (0.98-1.21)	1.05 (0.94-1.18)

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- a. Matched for gender, age, geographic region;
- b. Matched for gender, age, geographic region and adjusted for education, country of birth, COPD, IHD, diabetes and use of steroids; c. Compared with homeworkers or working alone.