

Supplemental Table 1 Description of work exposure variables

Variable	Items	Response categories	Cronbach alpha
Upper extremity-related physical work demands	<ul style="list-style-type: none"> -Handling heavy loads without lifting devices -Doing work requiring forceful exertion when using tools, machines, or equipment -Working with hands above the shoulders -Doing repetitive movements with the hands or arms -Doing precise finger movements -Being exposed to vibration from hand tools 	<p>Response per item: <i>never, occasionally, often, all the time</i></p> <p>Categories: High = highest quartile Medium = 2 middle quartiles Low = lowest quartile (ref)</p>	0.79
Quantitative work demands	<ul style="list-style-type: none"> -My job requires working very fast -I am asked to do an excessive amount of work -I have enough time to get the job done -My job requires working very hard 	<p>Response per item: <i>strongly agree, agree, disagree, strongly disagree</i></p> <p>Categories: High = highest quartile Medium = 2 middle quartiles Low = lowest quartile (ref)</p>	0.71
Decision authority	<ul style="list-style-type: none"> -In my job, I have the freedom to decide how I do my work -I have a lot of say about what happens in my job 	<p>Response per item: <i>strongly agree, agree, disagree, strongly disagree</i></p> <p>Categories: Low = highest quartile Medium = 2 middle quartiles High = lowest quartile (ref)</p>	0.64
Skill discretion	<ul style="list-style-type: none"> -My job requires a high level of skill -My job requires that I learn new things 	<p>Response per item: <i>strongly agree, agree, disagree, strongly disagree</i></p> <p>Categories: Low = highest quartile</p>	0.59

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Variable	Items	Response categories	Cronbach alpha
		Medium = 2 middle quartiles High = lowest quartile (ref)	
Support of coworkers	-At work, I feel part of a team -People I work with are helpful in getting the job done	Response per item: <i>strongly agree, agree, disagree, strongly disagree</i> Categories: Low support (disagrees with at least 1 item) High support (agrees or strongly agrees with both items; ref) No coworkers	0.71
Support of supervisors	-My supervisor pays attention to what I say -My supervisor is helpful in getting the job done -My supervisor is successful in getting people to work together	Response per item: <i>strongly agree, agree, disagree, strongly disagree</i> Categories: Low support (strongly disagrees with at least 1 item) High support (can disagree with, at most, 1 item; ref) No supervisor	0.85
Hostility at work	-I am exposed to hostility or conflict from my coworkers -I am exposed to hostility or conflict from my supervisors	Response per item: <i>strongly agree, agree, disagree, strongly disagree</i> Categories: Hostility from coworkers or supervisor No hostility from coworkers or supervisor (ref)	0.70
Recognition at work	-I get the respect I deserve from my supervisors -Given all my efforts and accomplishments, I get the respect and esteem I deserve at work -My efforts at work are sufficiently appreciated -At work, I am treated fairly	Response per item: <i>strongly agree, agree, disagree, strongly disagree</i> Categories: High=highest quartile Medium=2 middle quartiles Low=lowest quartile (ref)	0.83

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Contradictory work demands	I receive conflicting demands that others make	Response: <i>strongly agree, agree, disagree, strongly disagree</i> Categories: Contradictory demands (strongly agrees or agrees) No contradictory demands (strongly disagrees or disagrees; ref)	Not applicable
Emotionally demanding work	I find my work emotionally demanding	Response: <i>strongly agree, agree, disagree, strongly disagree</i> Categories: Emotionally demanding work (strongly agrees or agrees) No emotionally demanding work (strongly disagrees or disagrees; ref)	Not applicable
Tense or difficult situations when dealing with clients	How often do you experience tense situations in your relations with the general public?	Response: <i>never, occasionally, often, very often</i> Categories: Often, very often Occasionally Never (ref)	Not applicable
Psychological harassment at work	During the past 12 months at your current main job, were you subjected to psychological harassment, that is, repeated verbal harassment or actions that affected your dignity or personal integrity?	Categories: Yes No (ref)	Not applicable
Sexual harassment at work	During the past twelve months, at your current main job, have you been subjected to unwanted words, gestures or actions of a sexual nature?	Categories: Yes No (ref)	Not applicable

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Physical violence at work	During the past twelve months, at your current main job, have you been subjected to any physical violence?	Categories: Yes No (ref)	Not applicable
Possibility to modify or change work pace	Are you able to choose or change the speed or rhythm of your work?	Categories: Yes No (ref)	Not applicable
Possibility to take a break	During your workday, excluding meal (lunch) time, are you allowed to take a break during which you can stop working?	Categories: Yes No (ref)	Not applicable
Means to do quality work	At your current main job, would you say that you have the means at your disposal to do quality work?	Responses: <i>never, occasionally, often, all the time</i> Categories: Lack of means to do quality work (Never, occasionally) Has the means to do quality work (All the time, often; ref)	Not applicable
Experiencing an involuntary episode of unemployment in the previous two years	During the past two years, did you experience an unwanted period of unemployment, with or without income?	Categories: Yes No (ref)	Not applicable
Temporary vs. permanent employment status	Is your current main job permanent or temporary?	Categories: Temporary Permanent (ref)	Not applicable

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Low job security	My job security is poor	Responses: <i>strongly agree, agree, disagree, strongly disagree</i> Categories: Low job security (agrees or strongly agrees) High job security (disagrees or strongly disagrees; ref)	Not applicable
Satisfaction with salary	Given all my efforts and accomplishments, my salary or work-related income is satisfactory	Responses: <i>strongly agree, agree, disagree, strongly disagree</i> Categories: Satisfaction with salary (agrees or strongly agrees) Dissatisfaction with salary (disagrees or strongly disagrees; ref)	Not applicable
Satisfaction with prospects for promotion	Given all my efforts and accomplishments, my prospects for promotion are satisfactory	Responses: <i>strongly agree, agree, disagree, strongly disagree</i> Categories: Lack of satisfying prospects for promotion (disagrees or strongly disagrees) Satisfying prospects for promotion (agrees or strongly agrees; ref)	Not applicable
Exposure to noise in the workplace	At your current main job, how often are you exposed to the following situation: working in an environment where it is so noisy that it is difficult to hold a conversation with someone a few feet or one meter from you, even when shouting?	Responses: <i>never, occasionally, often, all the time</i> Categories: Often, all the time Occasionally Never (ref)	Not applicable
Computer use at work	On average, how many hours a week does your current main job involve working with computers?	Continuous variable (number of hours per week)	Not applicable

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Computer use outside the main job	On average, how many hours a week do you use computers for personal use for work other than your current main job?	Continuous variable (number of hours per week)	Not applicable
Time spent on household work and family responsibilities	In general, how many hours a week do you spend on household chores and family responsibilities?	Responses & categories: Fewer than 8 hours, 8 to 14 hours, 15 to 21 hours, 22 to 35 hours, 36 hours or more	Not applicable
Work time	How many hours a week do you usually work at your current main job?	Continuous variable (number of hours per week)	Not applicable

Note. Ref = denotes the reference category.