

Table SII. Multiple logistic regression: self-reported skin problems at follow-up (2009) regressed on self-reported work-related exposures measured at baseline (2006)

	Total	Cases, n (%)	Model #1 OR (95% CI)	Model #2 OR (95% CI)	Model #3 OR (95% CI)	Model #4 OR (95% CI)
1. Water						
Unexposed	5,780	641 (11.1)	1 (ref)	1 (ref)	1 (ref)	1 (ref)
Exposed	939	143 (14.0)	1.4 (1.1–1.7)**	1.3 (1.0–1.6)*	1.2 (0.9–1.6)	1.2 (0.9–1.6)
Missing	26	2				
2. Cleaning products						
Unexposed	6,128	694 (11.3)	1 (ref)	1 (ref)	1 (ref)	1 (ref)
Exposed	594	91 (15.3)	1.4(1.1–1.8)**	1.3 (1.0–1.7)*	1.3 (0.9–1.7)	1.3 (0.9–1.7)
Missing	23	1				
3. Oil/cutting fluids						
Unexposed	6,276	742 (11.5)	1 (ref)	1 (ref)	1 (ref)	1 (ref) ^a
Exposed	284	43 (15.1)	1.4 (0.9–1.9)	1.4 (0.9–2.0)	1.5 (1.0–2.2)*	1.4 (0.9–2.1)
Missing	21	1				
4. Cold						
Unexposed	5,955	679 (11.4)	1 (ref)	1 (ref)	1 (ref)	1 (ref)
Exposed	755	103 (13.6)	1.2 (1.0–1.5)	1.2 (0.9–1.5)	1.2 (0.9–1.5)	1.2 (0.9–1.6)
Missing	35	4				
5. Heat						
Unexposed	6,371	741 (11.6)	1 (ref)	1 (ref)	1 (ref)	1 (ref)
Exposed	346	41 (11.8)	1.0 (0.7–1.4)	0.8 (0.6–1.3)	0.8 (0.6–1.2)	0.8 (0.6–1.2)
Missing	28	4				
6. Indoor dry air						
Unexposed	5,581	614 (11.0)	1 (ref)	1 (ref)	1 (ref)	1 (ref)
Exposed	1,143	171 (15.0)	1.3 (1.1–1.5)*	1.3 (1.1–1.7)*	1.3 (1.1–1.6)**	1.3 (1.1–1.6)**
Missing	21	1				
7. Metal dust/fumes						
Unexposed	6,567	766 (11.6)	1 (ref)	1 (ref)	1 (ref)	1 (ref) ^b
Exposed	162	20 (12.3)	1.1 (0.7–1.7)	1.0 (0.6–1.7)	1.1 (0.6–1.8)	1.0 (0.6–1.8)
Missing	16	0				
8. Mineral dust/fumes						
Unexposed	6,554	756 (11.5)	1 (ref)	1 (ref)	1 (ref)	1 (ref)
Exposed	161	26 (16.1)	1.5 (0.9–2.3)	1.3 (0.8–2.1)	1.4 (0.8–2.4)	1.4 (0.8–2.4)
Missing	30	4				
9. Organic dust/fumes						
Unexposed	6,335	725 (11.4)	1 (ref)	1 (ref)	1 (ref)	1 (ref)
Exposed	379	56 (14.8)	1.3 (1.0–1.8)*	1.2 (0.9–1.7)	1.2 (0.9–1.7)	1.2 (0.9–1.7)
Missing	31	5				

Model #1: Crude analysis. Model #2: adjusted for skin problems at baseline. Model # 3: further adjusted for sex, age, and occupation. Model #4: further adjusted for work related exposures yielding a 10% change of OR; ^afurther adjusted for cleaning products; ^bfurther adjusted for cleaning products and indoor dry air.

* $p \leq 0.05$; ** $p \leq 0.01$.

CI: confidence interval; OR: odds ratio.