

## Supplementary Materials

The following are available at the supplementary materials, Table S1: The 5-digit ISCO-68 codes corresponding to each specific selected job, Table S2: Risk of lung cancer associated with the duration of employment as a construction worker, in male, Table S3: Risk of lung cancer associated with the duration of employment as a farmer, stratified sex.

Table S1: The 5-digit ISCO-68 codes corresponding to each specific selected job

Selected specific occupations from (ISCO-68)	Five-digits codes
Textile industry workers	7-00.70, 7-51.10 to 7-59.90, 7-91.00 to 7-91.90, 7-93.00 to 7-99.90, 8-35.60
Painters	9-31.00 to 9-39.90
Construction workers	9-51.00 to 9-52.90, 9-55.00 to 9-59.99, 9-75.24 to 9-74.40, 9-72.20, 9-73.35, 9-99.10
Drivers	6-28.20, 6-31.40, 9-83.20 to 9-83.90, 9-85.20 to 9-85-90, 9-79.30 to 9-79.90, 9-83.00 to 9-83.90, 9-85.00 to 9-85.90, 9-89.90
Road drivers	9-85.20 to 9-85-50, 9-85-70, 9-85-90
Heavy vehicles drivers	6-28.20, 6-31.40, 9-79.30 to 9-79.90, 9-83.00 to 9-83.90, 9-85-60, 9-89.90
Welders	8-72.10 -8-72.90
Farmers	6-11.00 to 6-49.90
Only field farmers	6-11.00 to 6-12.30, 6-12.70, 6-12.90, 6-21.05 to 6-23.90, 6-28.20 to 6-28.90, 6-29.40 to 6-29.60, 6-29.90, 6-31.10 to 6-32.90
Only animal farmers	6-12.40 to 6-12.60, 6-12.90, 6-24.10 to 6-26.90, 6-29.20 to 6-29.30, 6-29.90, 6-41.00 to 6-49.90
Petroleum industry workers	7-13.20 to 7-13.90, 7-43.50, 7-45.20 to 7-45.90, 9-69.40, 9-72.50
Bakers	7-76.10 to 7-76.90
Rubber industry workers	7-49.90, 9-01.20 to 9-01.50, 9-02.20 to 9-02.90

Note: ISCO-68, International Standard Classification of Occupations.

Table S2: Risk of lung cancer associated with the duration of employment as a construction worker, in males.

Duration of employment as a construction worker (years)	N (Cases/Controls)	Model 0 <sup>a</sup> OR (95% CI)	Model 1 <sup>b</sup> OR (95% CI)	Model 2 <sup>c</sup> OR (95% CI)
Never being employed		ref	ref	ref
≤28	48/ 190	1.4 (1.0, 2.1)	1.2 (0.8, 1.8)	1.1 (0.7, 1.6)
>28	47/ 128	1.8 (1.3, 2.5)	1.7 (1.2, 2.4)	1.6 (1.1, 2.4)
Continues duration of employment ( <i>P</i> value <sub>trend</sub> )		1.2 (1.1, 1.2) (<0.001)	1.1 (1.0, 1.2) (<0.001)	1.1 (1.0, 1.2) (<0.001)

Note: N, number; OR, odds ratio; CI, confidence interval.

<sup>a</sup> Model 0 (M0) is adjusted for age categories (5-year categories) and residence (provinces)

<sup>b</sup> Model 1 (M1) is adjusted for M0 plus cigarette smoking status and intensity.

<sup>c</sup> Model 2 (M2) is adjusted for M1 plus opium consumption.

Table S3: Risk of lung cancer associated with the duration of employment as a farmer, stratified by sex.

Duration of employment as a farmer (years)	N (Cases/Controls)		Model 0 <sup>a</sup> OR (95% CI)		Model 1 <sup>b</sup> OR (95% CI)		Model 2 <sup>c</sup> OR (95% CI)	
	Male	Female	Male	Female	Male	Female	Male	Female
Never being employed	342/ 1,734	139/ 1,010	ref	ref	ref	ref	ref	ref
≤35	56/ 251	12/ 31	1.1 (0.9, 1.7)	4.3 (1.9, 9.7)	1.1 (0.8, 1.6)	4.5 (2.0, 10.0)	1.0 (0.7, 1.4)	4.7 (1.9, 11.6)
>35	103/ 413	6/ 38	1.2(0.9, 1.5)	1.2 (0.4, 3.1)	1.2 (0.9, 1.5)	1.2 (0.5, 3.2)	1.1 (0.8, 1.4)	1.5 (0.6, 4.1)
10 years interval ( <i>P</i> value <sub>trend</sub> )			1.1 (0.9, 1.3), (0.10)	1.0 (0.99, 1.1) (0.10)	1.1 (0.9, 1.3), (0.10)	1.0 (0.98, 1.1) (0.20)	1.1 (0.97, 1.3), (0.10)	1.0 (0.96, 1.1) (0.50)

Note: N, number; OR, odds ratio; CI, confidence interval.

<sup>a</sup> Model 0 (M0) is adjusted for age categories (5-year categories) and residence (provinces)

<sup>b</sup> Model 1 (M1) is adjusted for M0 plus cigarette smoking status and intensity.

<sup>c</sup> Model 2 (M2) is adjusted for M1 plus opium consumption.