

The hazard ratios of all covariates from the two models

Table 1. The hazard ratio of WBC and PHD in pneumoconiosis in model 1.

Variables (ref)	HR	95% CI	P
WBC ($\leq 6.4 \times 10^9/L$)			
> 6.4	1.22	0.89-1.69	0.241
Age (years)	1.03	1.02-1.05	<0.001
BMI (kg/m ²)	0.82	0.77-0.86	<0.001
Ethnic (Han)			
Non-han	0.99	0.54-1.84	0.980
Smoking status (Never)			
Former	0.94	0.60-1.48	0.800
Current	0.57	0.31-1.06	0.074
Dust exposure time (years)	1.02	1.00-1.05	0.018
Pneumoconiosis stage (Stage I)			
Stage II	0.79	0.44-1.41	0.426
Stage III	2.09	1.37-3.21	0.001

Table 2. The hazard ratio of WBC and PHD in pneumoconiosis in model 2.

Variables	HR	95% CI	P
WBC ($\leq 6.4 \times 10^9/L$)			
> 6.4	1.21	0.87-1.67	0.279
Age (years)	1.03	1.02-1.05	<0.001
BMI (kg/m ²)	0.81	0.77-0.86	<0.001
Ethnic (Han)			
Non-han	1.01	0.54-1.88	0.973
Smoking status (Never)			
Former	0.93	0.59-1.46	0.742
Current	0.55	0.30-1.03	0.060
Dust exposure time (years)	1.02	1.00-1.04	0.034
Pneumoconiosis stage (Stage I)			
Stage II	0.82	0.46-1.47	0.509
Stage III	2.19	1.42-3.37	<0.001
COPD	2.18	1.10-4.32	0.026
Tuberculosis	1.08	0.67-1.75	0.749
Hypertension	0.91	0.46-1.78	0.779

Table 3. The hazard ratio of RDWCV and PHD in pneumoconiosis in model 1.

Variables (ref)	HR	95% CI	P
RDWCV (≤ 13.3%)			
> 13.3	1.31	0.93-1.85	0.131
Age (years)	1.03	1.02-1.05	<0.001
BMI (kg/m ²)	0.82	0.78-0.87	<0.001
Ethnic (Han)			
Non-han	0.96	0.52-1.78	0.907
Smoking status (Never)			
Former	0.89	0.57-1.39	0.610
Current	0.53	0.29-0.97	0.041
Dust exposure time (years)	1.03	1.01-1.05	0.016
Pneumoconiosis stage (Stage I)			
Stage II	0.78	0.44-1.39	0.396
Stage III	2.06	1.34-3.16	0.001

Table 4. The hazard ratio of RDWCV and PHD in pneumoconiosis in model 2.

Variables	HR	95% CI	P
RDWCV (≤ 13.3%)			
> 13.3	1.30	0.92-1.84	0.145
Age (years)	1.03	1.02-1.05	<0.001
BMI (kg/m ²)	0.82	0.78-0.87	<0.001
Ethnic (Han)			
Non-han	0.98	0.53-1.82	0.945
Smoking status (Never)			
Former	0.86	0.55-1.35	0.509
Current	0.50	0.27-0.93	0.027
Dust exposure time (years)	1.02	1.00-1.04	0.030
Pneumoconiosis stage (Stage I)			
Stage II	0.81	0.45-1.45	0.481
Stage III	2.14	1.39-3.30	0.001
COPD	2.19	1.11-4.32	0.024
Tuberculosis	1.02	0.62-1.68	0.929
Hypertension	0.77	0.38-1.56	0.468

Table 5. The hazard ratio of PCT and PHD in pneumoconiosis in model 1.

Variables (ref)	HR	95% CI	P
PCT (≤ 0.2%)			
> 0.2	1.42	1.02-1.99	0.042
Age (years)	1.04	1.02-1.05	<0.001
BMI (kg/m ²)	0.82	0.78-0.87	<0.001
Ethnic (Han)			
Non-han	0.99	0.53-1.85	0.986
Smoking status (Never)			
Former	0.87	0.54-1.39	0.553
Current	0.53	0.28-0.99	0.047
Dust exposure time (years)	1.03	1.00-1.05	0.021
Pneumoconiosis stage (Stage I)			
Stage II	0.77	0.42-1.40	0.385
Stage III	2.28	1.47-3.53	<0.001

Table 6. The hazard ratio of PCT and PHD in pneumoconiosis in model 2.

Variables	HR	95% CI	P
PCT (≤ 0.2%)			
> 0.2	1.40	1.00-1.96	0.054
Age (years)	1.04	1.02-1.05	<0.001
BMI (kg/m ²)	0.82	0.77-0.87	<0.001
Ethnic (Han)			
Non-han	1.01	0.54-1.89	0.973
Smoking status (Never)			
Former	0.86	0.53-1.38	0.520
Current	0.52	0.28-0.97	0.041
Dust exposure time (years)	1.02	1.00-1.05	0.035
Pneumoconiosis stage (Stage I)			
Stage II	0.79	0.43-1.44	0.435
Stage III	2.34	1.51-3.64	<0.001
COPD	1.86	0.91-3.82	0.090
Tuberculosis	1.08	0.66-1.77	0.769
Hypertension	0.89	0.44-1.81	0.743

Table 7. The hazard ratio of PLT and PHD in pneumoconiosis in model 1.

Variables (ref)	HR	95% CI	P
PLT (≤181×10 ⁹ /L)			
> 181	1.52	1.09-2.12	0.017
Age (years)	1.04	1.02-1.06	<0.001
BMI (kg/m ²)	0.82	0.77-0.87	<0.001
Ethnic (Han)			
Non-han	1.00	0.54-1.86	0.996
Smoking status (Never)			
Former	0.89	0.57-1.39	0.592
Current	0.53	0.29-0.97	0.039
Dust exposure time (years)	1.03	1.00-1.05	0.018
Pneumoconiosis stage (Stage I)			
Stage II	0.79	0.44-1.42	0.432
Stage III	2.14	1.39-3.29	0.001

Table 8. The hazard ratio of PLT and PHD in pneumoconiosis in model 2.

Variables	HR	95% CI	P
PLT (≤181×10 ⁹ /L)			
> 181	1.49	1.06-2.08	0.023
Age (years)	1.04	1.02-1.06	<0.001
BMI (kg/m ²)	0.82	0.77-0.86	<0.001
Ethnic (Han)			
Non-han	1.01	0.55-1.88	0.966
Smoking status (Never)			
Former	0.85	0.55-1.34	0.493
Current	0.50	0.27-0.93	0.027
Dust exposure time (years)	1.02	1.00-1.04	0.034
Pneumoconiosis stage (Stage I)			
Stage II	0.82	0.46-1.47	0.509
Stage III	2.23	1.44-3.44	<0.001
COPD	2.08	1.05-4.14	0.037
Tuberculosis	1.03	0.63-1.69	0.900
Hypertension	0.74	0.36-1.49	0.394

Table 9. The hazard ratio of MPV and PHD in pneumoconiosis in model 1.

Variables (ref)	HR	95% CI	P
MPV (≤ 10.8 fL)			
> 10.8	1.10	0.79-1.54	0.600
Age (years)	1.03	1.02-1.05	<0.001
BMI (kg/m ²)	0.82	0.78-0.87	<0.001
Ethnic (Han)			
Non-han	0.98	0.53-1.82	0.943
Smoking status (Never)			
Former	0.87	0.54-1.40	0.575
Current	0.54	0.29-1.01	0.052
Dust exposure time (years)	1.02	1.00-1.05	0.031
Pneumoconiosis stage (Stage I)			
Stage II	0.76	0.41-1.39	0.368
Stage III	2.27	1.47-3.51	<0.001

Table 10. The hazard ratio of MPV and PHD in pneumoconiosis in model 2.

Variables	HR	95% CI	P
MPV (≤ 10.8 fL)			
> 10.8	1.10	0.79-1.54	0.596
Age (years)	1.03	1.02-1.05	<0.001
BMI (kg/m ²)	0.82	0.77-0.87	<0.001
Ethnic (Han)			
Non-han	1.00	0.54-1.87	0.997
Smoking status (Never)			
Former	0.87	0.54-1.39	0.555
Current	0.53	0.28-0.99	0.047
Dust exposure time (years)	1.02	1.00-1.04	0.051
Pneumoconiosis stage (Stage I)			
Stage II	0.78	0.43-1.44	0.431
Stage III	2.34	1.51-3.63	<0.001
COPD	1.93	0.94-3.94	0.072
Tuberculosis	1.11	0.68-1.82	0.672
Hypertension	0.94	0.46-1.92	0.869

Table 11. The hazard ratio of PDW and PHD in pneumoconiosis in model 1.

Variables (ref)	HR	95% CI	P
PDW (≤ 15.0 fL)			
> 15.0	1.27	0.90-1.78	0.173
Age (years)	1.03	1.02-1.05	<0.001
BMI (kg/m²)	0.82	0.78-0.87	<0.001
Ethnic (Han)			
Non-han	1.01	0.54-1.89	0.970
Smoking status (Never)			
Former	0.87	0.54-1.40	0.576
Current	0.54	0.29-1.00	0.050
Dust exposure time (years)	1.02	1.00-1.05	0.037
Pneumoconiosis stage (Stage I)			
Stage II	0.76	0.42-1.39	0.373
Stage III	2.26	1.46-3.50	<0.001

Table 12. The hazard ratio of PDW and PHD in pneumoconiosis in model 2.

Variables	HR	95% CI	P
PDW (≤ 15.0 fL)			
> 15.0	1.23	0.87-1.74	0.231
Age (years)	1.03	1.02-1.05	<0.001
BMI (kg/m²)	0.82	0.78-0.87	<0.001
Ethnic (Han)			
Non-han	1.03	0.55-1.93	0.930
Smoking status (Never)			
Former	0.87	0.54-1.40	0.569
Current	0.53	0.28-0.99	0.047
Dust exposure time (years)	1.02	1.00-1.04	0.056
Pneumoconiosis stage (Stage I)			
Stage II	0.79	0.43-1.44	0.433
Stage III	2.33	1.50-3.62	<0.001
COPD	1.84	0.90-3.77	0.097
Tuberculosis	1.10	0.67-1.79	0.720
Hypertension	0.98	0.48-1.99	0.945