

Table S1 Demographic characteristics of the coal miners been measured blood pressure (n=508)

	N=508	Hypertension	P
Sex, n (%)			
male	494	176 (35.6)	0.58
female	14	6 (42.9)	
Age, n (%)			
≤30	128	35 (27.3)	0.005
31-45	256	89 (34.77)	
>45	124	58 (46.78)	
Working type, n (%)			
Under ground	448	167 (37.3)	0.040
Ground	60	15 (25.0)	
Working shift, n (%)			
Fixed the day	138	63 (45.7)	0.044
Work on two shifts	135	44 (32.6)	
Three shifts	235	75 (32.0)	
Degree of education, n (%)			
Middle school or below	246	92 (37.4)	0.47
Middle school above	262	90 (34.4)	
Marital status, n (%)			
Spinsterhood	34	9 (26.5)	0.36
First marriage	446	167 (37.4)	
Other	28	12 (42.9)	
Annual income, n (%)			
≤60,000	368	133 (36.1)	0.81
>60,000	140	49 (35.0)	
Smoking, n (%)			
Yes	206	82 (39.8)	0.12
No	302	100 (33.1)	
Drinking, n (%)			
Yes	251	101 (40.2)	0.04
No	257	81 (31.5)	
BMI			
underweighted	1	0 (0)	<0.01
Normal	339	93 (27.4)	
Overweight	83	37 (44.6)	
Obesity	85	52(61.2)	
ERI			
ERI >1	43	18 (41.9)	<0.01
ERI ≤ 1	465	164 (35.3)	
Depression			<0.01
no	154	32 (20.8)	

mild	113	49 (43.3)	
moderate	153	38 (24.8)	
severe	88	62 (70.5)	
Job burnout level			
No	27	8 (29.6)	0.35
Mild	140	47 (33.6)	
Moderate	282	110 (39)	
Severe	59	17 (28.8)	

Underground included: coal digger, driver, electrical fitter, hauler, and safety worker.