

Table 4: Multiple logistic regression models created with each examined disease as the dependent variable to test the effect of the occupational parameters, smoking habit, alcohol, and caffeine intake in constipation, colon cancer, stomach cancer, and polyps.

	patients with constipation			patients with colon cancer			patients with stomach cancer			patients with polyps		
	OR	95% CI	p	OR	95% CI	p	OR	95% CI	p	OR	95% CI	p
Work-related skeletal muscle pain/headache	1.488	0.761-2.911	0.245	1.378	0.553-3.437	0.492	1.411	0.625-3.186	0.407	1.003	0.498-2.018	0.994
Shift work	1.387	0.579-3.324	0.463	2.313	0.797-6.714	0.123	1.728	0.574-5.199	0.331	1.583	0.647-3.872	0.314
Eating take-out instead home cooked meals	2.869	1.451-5.672	0.002	2.739	1.268-5.916	0.010	2.794	1.154-6.763	0.023	2.154	1.135-4.091	0.019
Occupational stress	2,112	1.097-4.066	0.025	3.175	1.384-7.286	0.006	1.450	0.642-3.273	0.371	1.786	0.933-3.422	0.080
Smoking (pack-years)	0.985	0.966-1.005	0.153	1.005	0.985-1.026	0.620	0.996	0.977-1.015	0.681	1.000	0.985-1.016	0.964
Work with physical activity (blue collar job)	0.723	0.305-1.715	0.461	1.012	0.326-3.145	0.983	0.427	0.145-1.255	0.122	0.481	0.208-1.113	0.087
Alcohol (alcohol units per week)	1.040	0.955-1.133	0.369	1,353	1.186-1.544	0.000	1.059	0.953-1.176	0.286	1.026	0.933-1.128	0.598
Occupational noise	0.248	0.084-0.737	0.012	0.482	0.139-1.678	0.252	1.282	0.448-3.668	0.644	0.776	0.298-2.023	0.605
High workplace temperature	3.292	0.255-42.525	0.361	5.905	0.508-68.568	0.156	1.436	0.107-19.30	0.785	2.524	0.526-12.11	0.247
Low workplace temperature	0.630	0.050-7.967	0.721	0.163	0.012-2.239	0.175	0.441	0.026-7.468	0.570	0.297	0.056-1.562	0.152
Caffeine intake (caffeine units per day)	0.548	0.370-0.811	0.003	0.320	0.192-0.536	0.000	0.593	0.363-0.969	0.037	0.589	0.396-0.875	0.009
Occupational exposure to dust				2.214	0.526-9.319	0.279	5.650	1.551-20.58	0.009	2.143	0.593-7.742	0.245
Constant	3.401		0.198	0.507		0.579	2.130		0.522	5.638		0.064

OR: odds ratio, 95% CI: 95 % confidence intervals.