

Appendix Table 1. Descriptive statistics—categorical variables

Variable	Count	Percentage
TMD (Self-Reported)		
No	4643	97.9
Yes	101	2.1
TMD (Diagnosed by Doctor)		
No	4676	98.6
Yes	68	1.4
Sex (Female)		
No	2479	52.3
Yes	2265	47.7
Region: Metropolitan		
No	2735	57.7
Yes	2009	42.3
Region: Rural		
No	3395	71.6
Yes	1349	28.4
Residence Type: Apartment		
No	2912	61.4
Yes	1832	38.6
Household Income - Subjective		
Q1	1139	24.0
Q2	1216	25.6
Q3	1195	25.2
Q4	1194	25.2
Education		
Elementary school and below	1034	21.8
Junior High	543	11.4
Senior High	1755	37.0
College and above	1412	29.8
Occupation		
Unemployed	435	9.2
Agriculture	632	13.3
Manufacturing	693	14.6
Service	2984	62.9
Marital status		
Married	3450	72.7
Separated	63	1.3
Widowed	217	4.6
Divorced	169	3.6
Unmarried	845	17.8
Health Insurance		
Medicare	4654	98.1
Medicaid	90	1.9
Stress		
No	3268	68.9

Yes	1476	31.1
Suicidal Ideation		
No	4038	85.1
Yes	706	14.9
Working environment - Hygiene		
Very Poor	151	3.2
Poor	839	17.7
Good	3023	63.7
Very Good	731	15.4
Working environment - Risk		
Very Small	1638	34.5
Small	1769	37.3
Big	1176	24.8
Very Big	161	3.4
Working environment - Workload		
Very Small	674	14.2
Small	2170	45.7
Big	1633	34.4
Very Big	267	5.6
Working environment - Control		
Very Poor	236	5.0
Poor	1035	21.8
Good	2827	59.6
Very Good	646	13.6
Working environment - Respect		
Very Poor	52	1.1
Poor	396	8.3
Good	3825	80.6
Very Good	471	9.9
Smoking status		
No	2473	52.1
Yes	2271	47.9
Subjective Health		
Very Good	245	5.2
Good	1892	39.9
Middle	1640	34.6
Poor	867	18.3
Very Poor	100	2.1
Obesity - Subjective		
Very Thin	164	3.5
Thin	620	13.1
Middle	1916	40.4
Obese	1635	34.5
Very Obese	409	8.6
Drinking		
No	486	10.2
Yes	4258	89.8

Hypertensive Disorders		
No	4017	84.7
Yes	727	15.3
Rheumatoid Arthritis		
No	4317	91.0
Yes	427	9.0
Osteoarthritis		
No	4369	92.1
Yes	375	7.9
Osteoporosis		
No	4534	95.6
Yes	210	4.4
Lumbago		
No	4094	86.3
Yes	650	13.7
Sinusitis		
No	4546	95.8
Yes	198	4.2
Allergic Rhinitis		
No	4249	89.6
Yes	495	10.4
Mental Depression		
No	4625	97.5
Yes	119	2.5
Atopic Dermatitis		
No	4609	97.2
Yes	135	2.8
Diabetes Miletus		
No	4495	94.8
Yes	249	5.2
Thyroid Disorders		
No	4628	97.6
Yes	116	2.4
Otitis Media		
No	4596	96.9
Yes	148	3.1
Gastric/Duodenal Ulcer		
No	4464	94.1
Yes	280	5.9

Appendix Table 2. Logistic regression results: odds ratios, (** P < 0.05, * P < 0.10)

Variable	Odds Ratio	
	TMD (Self-Reported)	TMD (Diagnosed by Doctor)
Region (Metropolitan)		
No		
Yes	0.8768	0.5994
Region (Rural)		
No		
Yes	0.5937	0.4556
Residence Type (Apartment)		
No		
Yes	1.0156	0.8129
Sex (Female)		
No		
Yes	1.4331	1.6001
Household Income - Subjective		
Q1		
Q2	0.8553	0.5181
Q3	0.4914	0.9861
Q4	0.7129	0.7509
Education		
Elementary, Below		
Junior High	0.1853	0.1916
Senior High	0.8176	0.8750
College, Above	0.8318	0.6471
Occupation		
Unemployed		
Agriculture	1.5271	0.7145
Manufacturing	0.6713	0.3899
Service	0.7029	0.7169
Marriage		
Married		
Separated	<0.0001 **	<0.0001 **
Widowed	<0.0001 **	<0.0001 **
Divorced	1.5424	0.6979
Unmarried	0.7760	1.1188
Health Insurance		
Medicare		
Medicaid	0.8935	<0.0001 **
Working Condition - Hygiene		
Very Poor		
Poor	2.3751	1.4144

Good	2.0309	2.1618	
Very Good	2.0930	2.1871	
Working Condition - Risk			
Very Small			
Small	0.8423	0.9052	
Big	0.8673	1.1848	
Very Big	0.7979	0.6837	
Working Condition - Workload			
Very Small			
Small	2.5790 *	1.4827	
Big	2.4328 *	1.0046	
Very Big	1.9097	0.2952	
Working Condition - Control			
Very Poor			
Poor	0.7320	1.4098	
Good	1.1890	1.0284	
Very Good	2.1730	0.8682	
Working Condition - Respect			
Very Poor			
Poor	0.4805	91863.6100	**
Good	0.5119	80734.4800	**
Very Good	0.4652	154111.2000	**
Obesity - Subjective			
Very Thin			
Thin	1.2325	0.9955	
Middle	0.5795	0.9627	
Obese	0.4503	0.7050	
Very Obese	0.2311	0.7879	
Drinking			
No			
Yes	0.9198	0.7063	
Stress			
No			
Yes	0.6401	1.9960	**
Suicidal Ideation			
No			
Yes	2.4388 **	2.2270	**
Smoking status			
No			
Yes	1.0162	1.2637	
Subjective Health			
Very Good			
Good	1.1045	1.8899	
Middle	2.4454	3.1048	

Poor	1.9512	2.0326	
Very Poor	2.4530	1.2925	
Hypertensive Disorders			
No			
Yes	0.6078	0.4607	
Rheumatoid Arthritis			
No			
Yes	2.9455	1.6877	
Osteoarthritis			
No			
Yes	0.1132	0.0000	
Osteoporosis			
No			
Yes	1.6133	0.9295	
Lumbago			
No			
Yes	1.3984	2.4876	**
Sinusitis			
No			
Yes	1.2305	1.3601	
Allergic Rhinitis			
No			
Yes	1.8412	1.7513	*
Mental Depression			
No			
Yes	1.6355	3.5054	**
Atopic Dermatitis			
No			
Yes	0.8443	0.4911	
Diabetes Miletus			
No			
Yes	1.4099	0.6900	
Thyroid Disorders			
No			
Yes	1.1854	3.2357	*
Otitis Media			
No			
Yes	1.2011	2.0550	
Gastric/Duodenal Ulcer			
No			
Yes	1.5726	1.5865	
Age	0.9298	0.9620	** *
Household Income - Monthly	1.0001	1.0008	
Body Mass Index	1.1031	1.1103	*

Sleep - Daily

0.8934

0.8288
