



Supplementary Materials: Prevalence of Upper Extremity Musculoskeletal Disorders in Patients with Type 2 Diabetes in General Practice

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Table 1. Crude model of Regression analysis of specific upper extremity musculoskeletal disorders on complaint or diagnosis level in type 2 diabetes patients in the questionnaire approach.

	Shoulder Pain Point Prevalence OR (95%CI); P-value <i>n</i> = 78/200	Frozen Shoulder OR (95%CI); P-value <i>n</i> = 79/200	Carpal Tunnel Syndrome OR (95%CI); P-value <i>n</i> = 106/200	Trigger Finger OR (95%CI); P-value <i>n</i> = 76/200	Dupuytren’s Contracture OR (95%CI); P-value <i>n</i> = 79/200
Age in years	1.001 (0.9, 1.04) 0.975	0.9 (0.9, 1.002) 0.060	0.9 (0.9, 1.03) 0.761	1.05 (1.005, 1.1) 0.029	1.06 (1.01, 1.1) 0.011
Females	1.6 (0.9, 2.9) 0.092	1.2 (0.7, 2.2) 0.428	2.2 (1.2, 4.2) 0.008	1.4 (0.7, 2.6) 0.226	1.2 (0.6, 2.1) 0.542
Duration of diabetes	1.07 (1.02, 1.1) 0.005	1.02 (0.9, 1.07) 0.269	1.04 (0.9, 1.09) 0.068	1.03 (0.9, 1.08) 0.176	1.02 (0.9, 1.07) 0.239
BMI	1.02 (0.9, 1.07) 0.281	<i>Cat 1: Ref*</i> <i>Cat 2: 0.3 (0.1-0.9);</i> 0.045 <i>Cat 3: 0.6(0.2-1.6);</i> 0.353 <i>Cat 4: 0.5(0.1-2.3);</i> 0.395	1.02 (0.9, 1.07) 0.413	1.04 (0.9, 1.09) 0.130	1.04 (0.9, 1.09) 0.109
HbA1C	1.003 (0.9, 1.02) 0.799	0.9 (0.9, 1.01) 0.493	1.01 (0.9, 1.03) 0.439	0.9 (0.9, 1.01) 0.448	1.01 (0.9, 1.04) 0.193
Rheumatoid arthritis	5.1 (1.8, 13.7) 0.001	3.5 (1.3, 9.2) 0.009	1.2 (0.4, 3.1) 0.677	6.0 (2.0, 17.2) 0.001	2.8 (1.1, 7.0) 0.028
Other joint inflammation	2.5 (1.2, 5.2) 0.008	1.9 (0.9, 4.0) 0.055	2.8 (1.2, 6.2) 0.010	2.7 (1.3, 5.7) 0.005	1.7 (0.8, 3.6) 0.103
Osteoarthritis	4.0 (2.2, 7.4) <0.001	2.5 (1.4, 4.7) 0.002	4.2 (2.2, 8.0) <0.001	2.2 (1.2, 4.0) 0.009	4.0 (2.2, 7.5) <0.001

*Dummy variable was included to fix the linearity assumption violation. Cat 1: BMI 18.5 to 24.9; Cat 2: 25 to 29.9; Cat 3: 30 to 39.9; Cat 4: ≥ 40.