Supplementary Table 1. Strength of association between various factors and subscapularis tendon tear

Various factor	Univariate analysis		Multivariable analysis	
	p-value	Odds ratio (95% CI)	p-value	Odds ratio (95% CI)
Age (yr)	0.001	1.51 (1.11–1.97)	0.110	1.17 (0.99–1.36)
Male	<0.001	1.62 (1.25–2.10)	0.146	1.28 (0.92–1.77)
Waist circumference (cm)	0.142	1.03 (0.99–1.05)		
Dominant shoulder involvement*	< 0.001	1.89 (1.45–2.45)	<0.001	2.01 (1.46–2.76)
Smoking	0.799	1.04 (0.79–1.35)		
Alcohol	0.640	1.07 (0.81–1.40)		
Manual labor*	0.001	1.63 (1.22–2.19)	0.002	1.77 (1.25–2.49)
DM*	<0.001	2.09 (1.51–2.89)	<0.001	2.80 (1.91–4.12)
HT	0.768	1.05 (0.77–1.42)		
Metabolic syndrome*	<0.001	2.28 (1.74–2.98)	<0.001	2.10 (1.53–2.89)
Serum lipid levels (mg/dL)				
Cholesterol	0.301	0.92 (0.83–0.98)		
TG	0.171	1.21 (0.93–1.63)		
LDL	0.571	1.00 (0.98–1.01)		
HDL	0.101	0.90 (0.82–1.03)		
Non-HDL	0.217	1.02 (0.99–1.05)		
Prevalence of dyslipidemia				
Hyper-cholesterolemia	0.240	1.17 (0.90–1.52)		
Hyper-TGmia	0.008	1.45 (1.11–1.92)	0.140	1.01 (0.99–1.03)
Hyper-LDLemia	0.646	1.08 (0.78–1.49)		
Hypo-HDLemia	0.542	1.10 (0.82–1.46)		
Hyper-non-HDLemia	0.435	1.11 (0.85–1.46)		
TG/HDL ≥3.5	<0.001	1.75 (1.29–2.36)	0.271	1.21 (0.86–1.71)
High sensitivity C-reactive protein (mg/L)	0.171	1.03 (0.98–1.10)		
Posterosuperior cuff tear*	<0.001	2.24 (1.71–2.94)	0.003	1.76 (1.20–2.80)
Biceps tendon injury*	<0.001	2.59 (1.92–3.50)	<0.001	2.15 (1.37–2.96)
Patte grade*	<0.001	2.71 (1.99–3.78)	<0.001	2.13 (1.49–2.94)
Global fatty degeneration index*	<0.001	1.88 (1.26–2.67)		
Goutallier grade*	0.018	1.31 (1.15–1.72)		
Occupation ratio grade*	0.023	1.72 (1.08–2.75)		
Superior displacement of humeral head	0.446	1.14 (0.806–1.64)		
Tangent sign	0.360	1.18 (0.82–1.70)		

CI: confidence interval, DM: diabetes, HT: hypertension, TG: triglyceride, LDL: low-density lipoprotein, HDL: high-density lipoprotein.