

Supplemental Table S6. Risk Factors of Non-Vertebral Fracture in Patients with Acromegaly

Variable	Non-vertebral fractures		Univariate sHR (95% CI)	P value	Multivariable sHR (95% CI)	P value
	Yes (n=13)	No (n=918)				
Age, yr	50.8±13.9	46.2±12.5	1.04 (0.99–1.09)	0.141	1.04 (0.98–1.09)	0.181
Sex						
Male	6 (46.2)	459 (50.0)	1 (Ref.)		1 (Ref.)	
Female	7 (53.8)	459 (50.0)	1.17 (0.39–3.47)	0.783	0.94 (0.33–2.72)	0.915
Socioeconomic status				0.151		
Low	5 (38.5)	211 (23.0)	1.27 (0.39–4.16)	0.695		
Middle	6 (46.1)	303 (33.0)	1 (Ref.)			
High	2 (15.4)	404 (44.0)	0.26 (0.05–1.28)	0.097		
Baseline comorbidities						
Type 2 DM	4 (30.8)	219 (23.9)	1.51 (0.46–4.90)	0.495		
Hypertension	3 (23.1)	143 (15.6)	1.77 (0.49–6.44)	0.387		
Cardio-cerebrovascular disease	0	37 (4.0)	-			
COPD	1 (7.7)	58 (6.3)	1.28 (0.17–9.84)	0.813		
Rheumatoid arthritis	0	44 (4.7)	-			
Chronic liver disease	2 (15.4)	43 (4.7)	3.60 (0.80–16.25)	0.096		
Any previous fracture history	1 (7.7)	8 (0.9)	12.21 (1.57–95.22)	0.017 ^a	12.97 (1.57–106.98)	0.017 ^a
Treated hypogonadism	1 (7.7)	15 (1.6)	6.11 (0.79–47.44)	0.083		
Concurrent recent medication use						
Steroids	0	34 (3.7)	-			
Acid-suppressant medication	1 (7.7)	98 (10.7)	0.76 (0.10–5.87)	0.794		
Psychotropic medication	2 (15.4)	71 (7.7)	2.10 (0.47–9.48)	0.335		
Opioid	1 (7.7)	40 (4.4)	2.04 (0.26–15.68)	0.495		
Warfarin	0	1 (0.1)	-			

Values are expressed as mean±standard deviation or number (%).

sHR, sub-distribution hazard ratio; CI, confidence interval; DM, diabetes mellitus; COPD, chronic obstructive pulmonary disease.

^aStatistical significance at $P < 0.05$.