

Table S2. Associations of Therapeutic Concentrations With Diagnosis

Diagnosis Code	Total	Anti-Xa Values (units/mL)*			p value
		Subtherapeutic (<0.5)	Therapeutic (0.5–1)	Supratherapeutic (>1)	
Infectious and parasitic diseases					
No	171	22 (12.8)	101 (59)	48 (28)	0.0203
Yes	112	29 (25.9)	57 (50.9)	26 (23.2)	
Neoplasms					
No	257	44 (17.1)	145 (56.4)	68 (26.5)	0.4628
Yes	26	7 (26.9)	13 (50)	6 (23.1)	
Endocrine, nutritional, metabolic diseases and/or immunity disorders					
No	104	13 (12.5)	62 (59.6)	29 (27.9)	0.1833
Yes	179	38 (21.2)	96 (53.6)	45 (25.1)	
Diseases of blood and blood-forming organs					
No	145	22 (15.2)	86 (59.3)	37 (25.5)	0.3625
Yes	138	29 (21)	72 (52.2)	37 (26.8)	
Mental illness					
No	213	38 (17.8)	124 (58.2)	51 (23.9)	0.2873
Yes	70	13 (18.6)	34 (48.6)	23 (32.9)	
Diseases of the nervous system and sense organs					
No	148	28 (18.9)	88 (59.5)	32 (21.6)	0.1919
Yes	135	23 (17)	70 (51.8)	42 (31.1)	
Diseases of the circulatory system					
No	10	0	4 (40)	6 (60)	0.0321
Yes	273	51 (18.7)	154 (56.4)	68 (24.9)	
Diseases of the respiratory system					
No	125	18 (14.4)	70 (56)	37 (29.6)	0.2658
Yes	158	33 (20.9)	88 (55.7)	37 (23.4)	
Diseases of the digestive system					
No	118	15 (12.7)	64 (54.2)	39 (33)	0.031
Yes	165	36 (21.8)	94 (57)	35 (21.2)	
Diseases of the genitourinary system					
No	180	35 (19.4)	101 (56.1)	44 (24.4)	0.5735
Yes	103	16 (15.5)	57 (55.3)	30 (29.1)	
Complications of pregnancy, childbirth, and the puerperium					
No	281	51 (18.1)	158 (56.2)	72 (25.6)	0.0582
Yes	2	0 (0)	0 (0)	2 (100)	
Diseases of the skin and subcutaneous tissue					
No	213	38 (17.8)	117 (54.9)	58 (27.2)	0.7687
Yes	70	13 (18.6)	41 (58.6)	16 (22.9)	
Diseases of the musculoskeletal system and connective tissue					
No	243	45 (18.5)	142 (58.4)	56 (23)	0.0132
Yes	40	6 (15)	16 (40)	18 (45)	
Congenital anomalies					
No	140	10 (7.1)	74 (52.8)	56 (40)	<0.0001
Yes	143	41 (28.7)	84 (58.7)	18 (12.6)	
Conditions originating in perinatal period					
No	188	20 (10.6)	101 (53.7)	67 (35.6)	<0.0001
Yes	95	31 (32.6)	57 (60)	7 (7.4)	
Injury and poisoning					
No	157	15 (9.5)	92 (58.6)	50 (31.8)	<0.0001
Yes	126	36 (28.6)	66 (52.4)	24 (19.1)	
III-defined conditions and factors influencing health status					
No	152	29 (19.1)	80 (52.6)	43 (28.3)	0.5012
Yes	131	22 (16.7)	78 (59.5)	31 (23.7)	
Residual codes, unclassified codes, all E codes					
No	123	21 (17.1)	72 (58.5)	30 (24.4)	0.7221
Yes	160	30 (18.8)	86 (53.8)	44 (27.5)	

Anti-Xa, Anti-factor Xa

* Data presented as n (%)