

Supplementary Table 1 Association of venous thromboembolism risk with *F5/F2* mutations and PGS by ancestry in the United Kingdom Biobank

	IBD patients, No. (%)	Incident VTE, No. (%)	HR (95% CI) ¹	P-value
European ancestry				
<i>FVL/F2</i> carrier status				
Non-carriers	7309/7801 (93.69)	323/7309 (4.42)	Ref	
<i>FVL</i> carriers	336/7801 (4.31)	21/311 (6.75)	2.20 (1.55-3.13)	1.21E-05
<i>F2</i> carriers	161/7801 (2.06)	9/159 (5.66)	1.19 (0.61-2.31)	0.62
Any <i>FVL/F2</i> carriers	492/7801 (6.31)	43/492 (8.74)	1.85 (1.34-2.55)	1.81E-04
PGS _{non-<i>F5/F2</i>} decile				
Bottom	781/7801 (10.01)	12/781 (1.54)	0.34 (0.19-0.61)	2.56E-04
Intermediate	6240/7801 (79.99)	285/6240 (4.57)	Ref	
Top	780/7801 (10)	69/780 (8.85)	2.00 (1.54-2.61)	2.38E-07
Non-European ancestry				
<i>FVL/F2</i> carrier status				
Non-carriers	392/409 (95.84)	7/335 (2.09)	Ref	
<i>FVL</i> carriers	15/409 (3.67)	2/15 (13.33)	7.90 (0.77-81.07)	0.08
<i>F2</i> carriers	2/409 (0.49)	1/2 (50)	5.76 (0.29-113.15)	0.25
Any <i>FVL/F2</i> carriers	17/409 (4.16)	3/17 (17.65)	6.96 (1.19-40.79)	0.03
PGS _{non-<i>F5/F2</i>} decile				
Bottom	41/409 (10.02)	1/41 (2.44)	0.84 (0.09-8.08)	0.88
Intermediate	327/409 (79.95)	10/327 (3.06)	Ref	
Top	41/409 (10.02)	1/41 (2.44)	1.48 (0.17-13.11)	0.72

¹HR adjusted for gender, BMI, and genetic background. The time in survival analysis was from IBD to event.