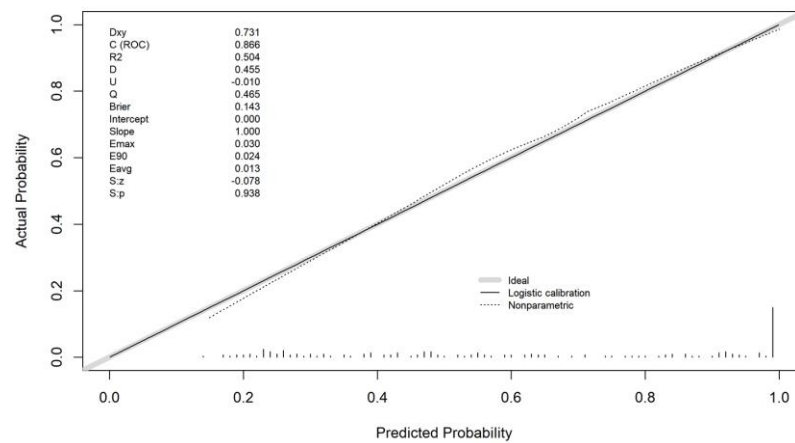
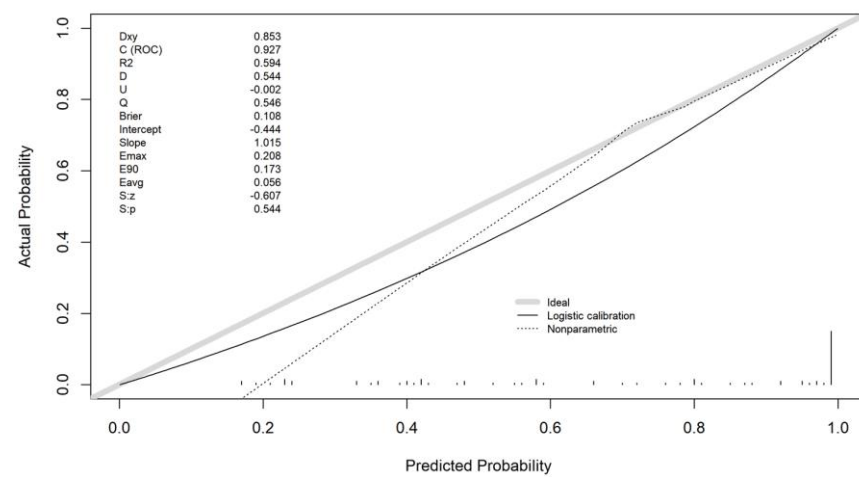


Supplementary Table 1 The comparison of the 17 serum biomarkers for UC, CD and HCs

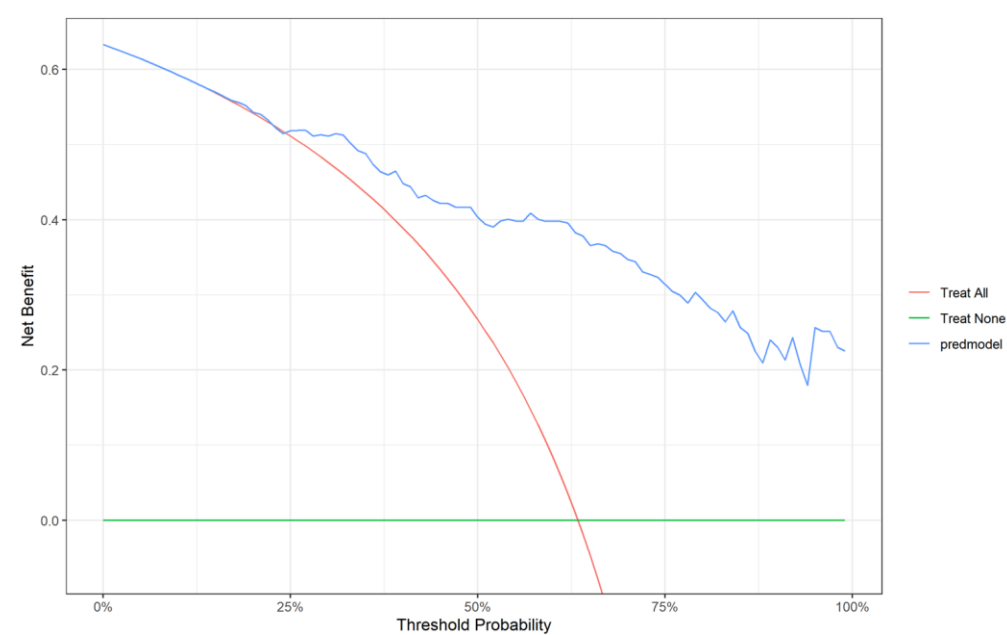
Parameters	UC (<i>n</i> = 365)	CD (<i>n</i> = 319)	HCs (<i>n</i> = 100)	<i>P</i> value					
				UC	<i>vs</i>	CD	<i>vs</i>	UC	<i>vs</i>
				HCs		HCs		CD	
WBC × 10 ⁹ /L	6.17 (5.01, 8.10)	6.05 (4.79, 7.50)	5.69 (4.89, 6.65)	0.003		0.069		0.103	
Hb (g/L)	119 (103, 133)	120 (102, 135)	138 (129, 146)	< 0.001		< 0.001		0.423	
HCT (L/L)	0.36 (0.32, 0.40)	0.37 (0.32, 0.41)	0.41 (0.38, 0.43)	< 0.001		< 0.001		0.194	
PLT × 10 ⁹ /L	246 (196, 337)	259 (160, 324)	204 (178, 240)	< 0.001		< 0.001		0.765	
N × 10 ⁹ /L	3.63 (2.68, 5.37)	3.7 (2.75, 5.14)	3.26 (2.65, 3.85)	0.002		0.001		0.864	
L × 10 ⁹ /L	1.66 (1.25, 2.12)	1.48 (1.19, 1.93)	1.78 (1.54, 2.25)	0.01		< 0.001		0.002	
ALB (g/L)	39.2 (35.20, 42.10)	39.5 (35, 42.9)	43.7 (41.03, 45.65)	< 0.001		< 0.001		0.345	
GLB (g/L)	26.3 (23.40, 29.60)	25.9 (22.28, 29.30)	24.9 (22.65, 27.03)	0.001		0.04		0.129	
EOS×10 ⁹ /L	0.12 (0.07, 0.23)	0.09 (0.02, 0.17)	0.11 (0.07, 0.19)	0.213		0.158		< 0.001	
CRP (mg/L)	3.00 (1.00, 17.37)	8.35 (2.18, 30.72)	1.20 (0.91, 1.50)	< 0.001		< 0.001		< 0.001	
ESR (mm/h)	13.00 (7.40, 27.00)	15.00 (7.45, 30.00)	5 (4.00, 6.00)	< 0.001		< 0.001		0.429	
AGR	1.46 (1.27, 1.67)	1.52 (1.28, 1.80)	1.75 (1.62, 1.88)	< 0.001		< 0.001		0.053	
CLR	2.57 (0.57, 13.53)	5.42 (1.17, 21.99)	0.66 (0.46, 0.89)	< 0.001		< 0.001		0.001	
CAR	0.08 (0.02, 0.46)	0.21 (0.05, 0.90)	0.03 (0.02, 0.03)	< 0.001		< 0.001		< 0.001	
PAR	6.25 (4.81, 9.07)	6.48 (4.97, 8.56)	4.66 (4.18, 5.59)	< 0.001		< 0.001		0.981	
PLR	154.79 (110.36, 218.12)	168.83 (120.00,244.70)	70.50 (57.48, 91.73)	< 0.001		< 0.001		0.052	
NLR	2.31 (1.52, 3.43)	2.46 (1.23, 3.73)	1.74 (1.35, 2.28)	< 0.001		< 0.001		0.100	



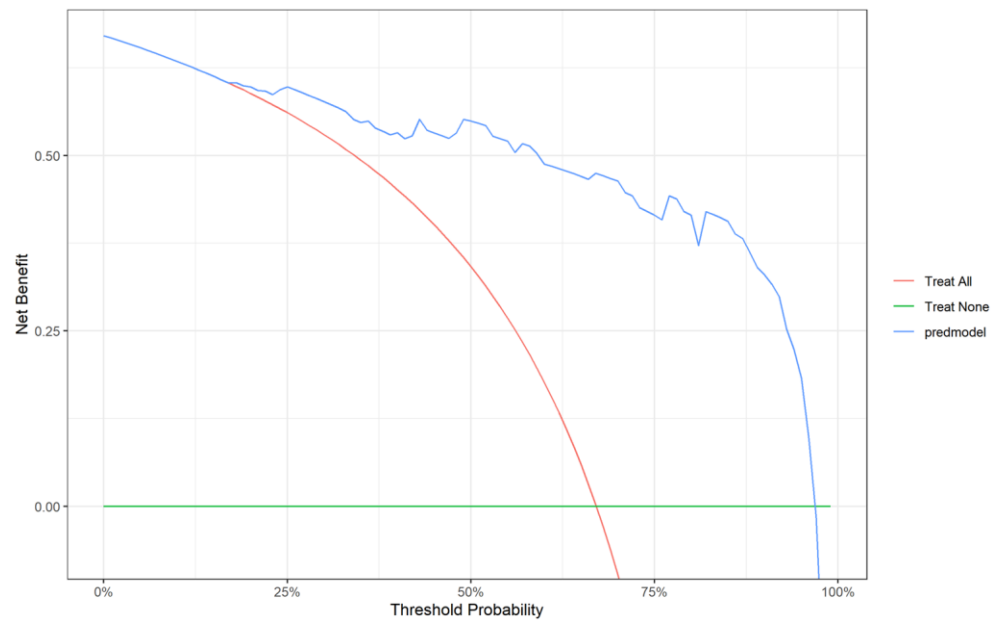
Supplementary Figure 1 The calibration curve of the UC training set.



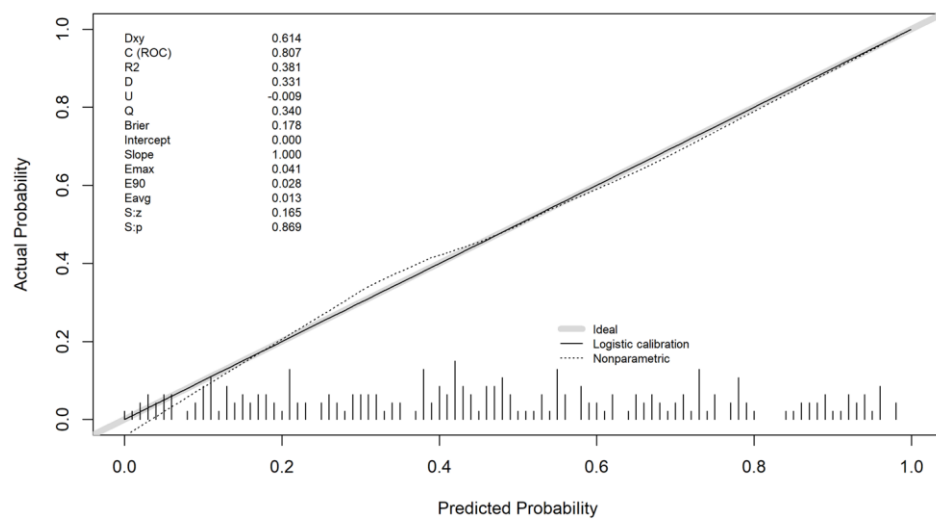
Supplementary Figure 2 The calibration curve of the UC validation set.



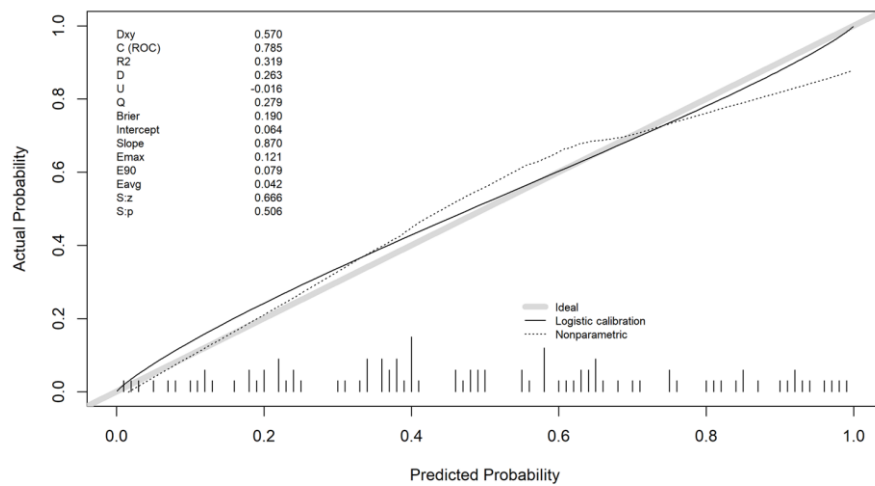
Supplementary Figure 3 The decision curve analysis of the UC training set.



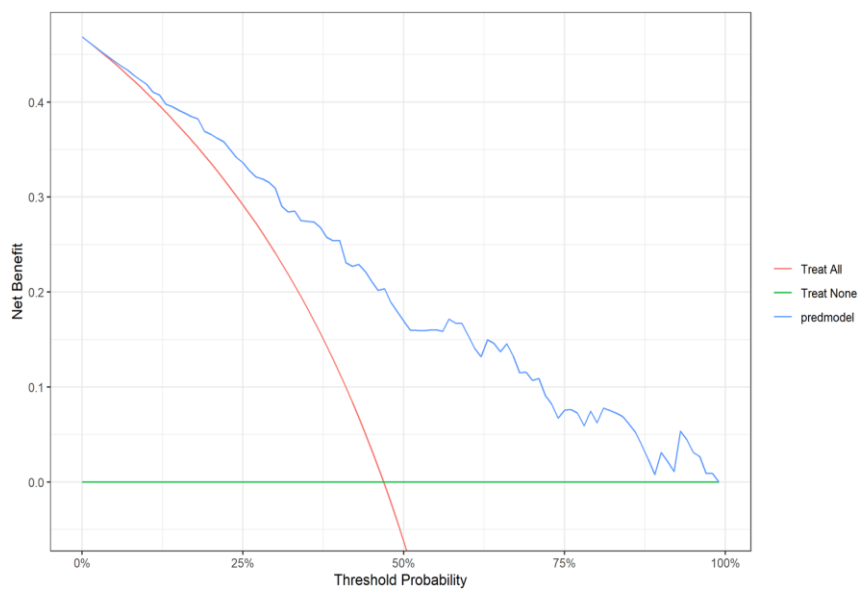
Supplementary Figure 4 The decision curve analysis of the UC validation set.



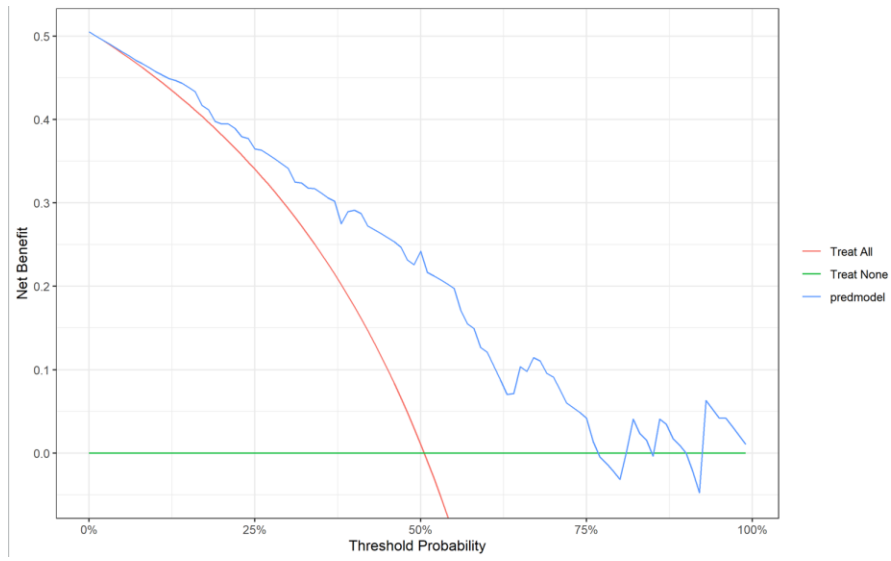
Supplementary Figure 5 The calibration curve of the CD training set.



Supplementary Figure 6 The calibration curve of the CD validation set.



Supplementary Figure 7 The decision curve analysis of the CD training set.



Supplementary Figure 8 The decision curve analysis of the CD validation set.