

Supplementary Figure 1

UC clinical remission: PMS = 0-1

A

test positive test negative	LL-37 40ng/ml or above any others			CRP 0.4mg/L or below any others			LL-37 40ng/ml or above + CRP 0.4mg/L or below any others		
	mean	(95% CI interval)		mean	(95% CI interval)		mean	(95% CI interval)	
prevalence	0.35	0.25	0.47	0.32	0.22	0.44	0.32	0.22	0.44
sensitivity	0.81	0.60	0.93	0.83	0.62	0.95	0.71	0.49	0.87
specificity	0.50	0.35	0.65	0.48	0.34	0.62	0.80	0.66	0.89
PPV	0.47	0.32	0.62	0.43	0.29	0.59	0.63	0.42	0.80
NPV	0.83	0.64	0.93	0.86	0.66	0.95	0.85	0.71	0.93
AUC	0.63			0.70			0.78		

B

Moderate or severe UC clinical activity: PMS = 5-9

test positive test negative	LL-37 <60ng/ml any others			CRP 0.5mg/L or above any others			LL-37 <60ng/ml + CRP 0.5mg/L or above any others		
	mean	(95% CI interval)		mean	(95% CI interval)		mean	(95% CI interval)	
prevalence	0.22	0.13	0.33	0.18	0.10	0.29	0.22	0.13	0.33
sensitivity	0.94	0.68	1.00	0.62	0.32	0.85	0.69	0.41	0.88
specificity	0.31	0.20	0.45	0.67	0.54	0.78	0.78	0.64	0.87
PPV	0.27	0.17	0.41	0.29	0.14	0.49	0.46	0.26	0.67
NPV	0.95	0.72	1.00	0.89	0.76	0.96	0.90	0.78	0.96
AUC	0.75			0.70			0.72		