

Supplementary Table 2 Improvement in intra-rater agreement on ulcerative colitis histopathologic instruments following application of scoring conventions

	ICCs (95% CIs) for patients common to both studies			
	Prior to scoring conventions	After scoring conventions	Difference	P value
MRS	0.76 (0.64, 0.85)	0.96 (0.93, 0.98)	0.20 (0.12, 0.31)	<0.001
GS				
(0) Structural (architectural change)	0.75 (0.63, 0.85)	0.79 (0.68, 0.87)	0.04 (-0.07, 0.15)	0.475
(1) Chronic Inflammatory infiltrate	0.80 (0.70, 0.88)	0.93 (0.89, 0.96)	0.13 (0.06, 0.22)	<0.001
(2a) Lamina propria eosinophils	0.46 (0.28, 0.63)	0.74 (0.62, 0.84)	0.28 (0.10, 0.46)	<0.001
(2b) Lamina propria neutrophils	0.60 (0.44, 0.73)	0.80 (0.70, 0.87)	0.20 (0.07, 0.35)	0.001
(3) Neutrophils in epithelium	0.67 (0.53, 0.79)	0.90 (0.84, 0.94)	0.23 (0.13, 0.35)	<0.001
(4) Crypt destruction	0.64 (0.49, 0.77)	0.84 (0.76, 0.90)	0.20 (0.07, 0.35)	0.001
(5) Erosion or ulceration	0.86 (0.79, 0.92)	0.93 (0.89, 0.96)	0.07 (0.02, 0.13)	0.002
Total – 22 point scale	0.82 (0.73, 0.89)	0.94 (0.91, 0.97)	0.12 (0.06, 0.20)	<0.001
Total – RP Scoring	0.84 (0.76, 0.90)	0.96 (0.94, 0.98)	0.12 (0.07, 0.20)	<0.001
Total – 6 point scale	0.79 (0.69, 0.87)	0.94 (0.90, 0.96)	0.15 (0.08, 0.24)	<0.001
Total – 5 point scale	0.79 (0.68, 0.87)	0.94 (0.90, 0.96)	0.15 (0.08, 0.25)	<0.001
RHI	0.84 (0.76, 0.90)	0.96 (0.93, 0.97)	0.12 (0.06, 0.19)	<0.001

ICC, intraclass correlation coefficient; CI, confidence interval; MRS, modified Riley score; GS, Geboes score; RHI, Roberts Histopathology Index