

**Supplementary Table: Disease distribution and dysplasia characteristics by disease type**

	Undetected- HGD/CRC <sup>a</sup> (n=20)	Detected- HGD/CRC (n=50)	p value <sup>b</sup>
<b>Disease Type (n, %)</b>			0.70
<b>Ulcerative colitis (UC)</b>	14 (70)	33 (66)	
<b>Crohn's colitis (CD)</b>	5 (25)	16 (32)	
<b>Indeterminate</b>	1 (5)	1 (2)	
<b>Disease distribution (n, %)</b>			<0.01
<b>Rectum</b>	3 (15)	0 (0)	
<b>UC</b>	3 (100)	-	
<b>CD</b>	0 (0)	-	
<b>Indeterminate</b>	0 (0)	-	
<b>Left-sided</b>	2 (10)	38 (76)	
<b>UC</b>	1 (50)	28 (74)	
<b>CD</b>	1 (50)	10 (26)	
<b>Indeterminate</b>	0 (0)	0 (0)	
<b>Pancolitis</b>	11 (55)	10 (20)	
<b>UC</b>	10 (91)	6 (60)	
<b>CD</b>	0 (0)	3 (30)	
<b>Indeterminate</b>	1 (9)	1 (10)	
<b>Small bowel</b>	1 (5)	0 (0)	
<b>UC</b>	0 (0)	-	
<b>CD</b>	1 (100)	-	
<b>Indeterminate</b>	0 (0)	-	
<b>Ileocolonic</b>	3 (15)	2 (4)	
<b>UC</b>	0 (0)	0 (0)	
<b>CD</b>	3 (100)	2 (100)	
<b>Indeterminate</b>	0 (0)	0 (0)	
<b>History of Dysplasia (n, %)</b>			<0.01
<b>None</b>	2 (10)	0 (0)	
<b>UC</b>	0 (0)	-	
<b>CD</b>	2 (100)	-	
<b>Indeterminate</b>	0 (0)	-	
<b>Indefinite</b>	3 (15)	0 (0)	
<b>UC</b>	2 (67)	-	
<b>CD</b>	0 (0)	-	
<b>Indeterminate</b>	1 (33)	-	
<b>Low-grade dysplasia (LGD)</b>	15 (75)	0 (0)	
<b>UC</b>	12 (80)	-	
<b>CD</b>	3 (20)	-	
<b>Indeterminate</b>	0 (0)	-	
<b>High-grade dysplasia (HGD)</b>	0 (0)	31 (62)	
<b>UC</b>	-	24 (77)	
<b>CD</b>	-	6 (20)	
<b>Indeterminate</b>	-	1 (3)	

<b>Colorectal cancer (CRC)</b>	0 (0)	19 (38)	
<b>UC</b>	-	9 (47)	
<b>CD</b>	-	10 (53)	
<b>Indeterminate</b>	-	0 (0)	
<b>Dysplasia location on Colonoscopy (n, %)</b>			0.03
<b>Rectum</b>	3 (18)	18 (37)	
<b>UC</b>	2 (67)	10 (56)	
<b>CD</b>	0 (0)	8 (44)	
<b>Indeterminate</b>	1(33)	0 (0)	
<b>Left</b>	2 (12)	13 (27)	
<b>UC</b>	2 (100)	9 (69)	
<b>CD</b>	0 (0)	3 (23)	
<b>Indeterminate</b>	0 (0)	1 (8)	
<b>Right</b>	6 (35)	14 (29)	
<b>UC</b>	5 (83)	9 (64)	
<b>CD</b>	1 (17)	5 (36)	
<b>Indeterminate</b>	0 (0)	0 (0)	
<b>Multifocal</b>	6 (35)	4 (8)	
<b>UC</b>	4 (66)	4 (100)	
<b>CD</b>	1 (17)	0 (0)	
<b>Indeterminate</b>	1 (17)	0 (0)	

<sup>a</sup> HGD: high-grade dysplasia; CRC: colorectal cancer

<sup>b</sup> p values for significant difference in distribution of proportions and p value for difference in median age at diagnosis, number of colonoscopies, and number of biopsies.