**Table, Supplemental Digital Content 8.** Presence of selected histological features per (sub)phenotype CD (sub)phenotype.

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **B2** | | **B3o** | | | **B3s** | | |  |  |  |  |
|  | **n** | **(%)** | | **n** | **(%)** | | **n** | **(%)** | **p-value1** | **p-value2** | **p-value3** | **p-value4** |
| **Margins** |  |  | |  |  | |  |  |  |  |  |  |
| Submucosal inflammation | 5 | (17) | | 2 | (10) | | 17 | (32) | 0.100 | - | - | - |
| Transmural inflammation | 5 | (17) | | 11 | (59) | | 14 | (26) | **0.013** | **0.018** | >0.999 | 0.057 |
| MP hyperplasia >25% | 12 | (41) | | 9 | (45) | | 18 | (33) | 0.590 | - | - | - |
| MM hyperplasia >25% | 23 | (79) | | 17 | (85) | | 34 | (63) | 0.099 | - | - | - |
| MM splay >25% | 14 | (48) | | 9 | (45) | | 24 | (44) | 0.944 | - | - | - |
| Muscularization of SM | 9 | (31) | | 2 | (10) | | 7 | (13) | 0.073 | - | - | - |
| Adipose tissue in SM | 8 | (28) | | 6 | (30) | | 10 | (19) | 0.474 | - | - | - |
| **Inflamed** |  |  | |  |  | |  |  |  |  |  |  |
| Submucosal inflammation | 2 | (7) | | 0 | (0) | | 1 | (2) | 0.426 | - | - | - |
| Transmural inflammation | 25 | (86) | | 20 | (100) | | 50 | (93) | 0.197 | - | - | - |
| MP hyperplasia >25% | 21 | (72) | | 14 | (70) | | 37 | (69) | 0.934 | - | - | - |
| MM hyperplasia >25% | 27 | (93) | | 18 | (90) | | 54 | (100) | 0.064 | - | - | - |
| MM splay >25% | 27 | (93) | | 16 | (80) | | 53 | (98) | **0.020** | 0.610 | 0.720 | **0.010** |
| Muscularization of SM | 19 | (66) | | 9 | (45) | | 33 | (61) | 0.328 | - | - | - |
| Adipose tissue in SM | 11 | (34) | | 9 | (45) | | 19 | (35) | 0.742 | - | - | - |
| **Most affected** |  |  | |  |  | |  |  |  |  |  |  |
| Submucosal inflammation | 8 | (28) | | 5 | (25) | | 9 | (17) | 0.475 | - | - | - |
| Transmural inflammation | 16 | (55) | | 15 | (75) | | 43 | (79) | 0.058 | - | - | - |
| MP hyperplasia >25% | 19 | (66) | | 11 | (55) | | 44 | (82) | 0.053 | - | - | - |
| MM hyperplasia >25% | 28 | (97) | | 19 | (95) | | 52 | (96) | >0.999 | - | - | - |
| MM splay >25% | 26 | (90) | | 16 | (80) | | 44 | (81) | 0.602 | - | - | - |
| Muscularization of SM | 18 | (62) | | 9 | (45) | | 28 | (52) | 0.474 | - | - | - |
| Adipose tissue in SM | 12 | (41) | | 7 | (35) | | 20 | (37) | 0.888 | - | - | - |

1 p-value among 3 sub-phenotypes, Chi Square test; 2 p-value B2 vs. B3o with Bonferroni correction; 3 p-value B2 vs. B3s with Bonferroni correction; 4 p-value B3o vs. B3s with Bonferroni correction; MP: *muscular propria*; MM: *muscularis mucosae*; SM: submucosa.