

Table S1 - Crohn's disease- all tested parameters

	Elevated serum total IgE (40)	tIgE >5x normal range (17)	Egg white sIgE (6)	Any sIgE present (7)
underweight (41)	Chi ² =1.72 p=0.19 OR=1.69 [0.76-3.73] p=0.19 Φ=0.12	Chi ² =5.22 (p=0.02) OR=3.27 [1.14-9.39] p=0.03 Φ=0.2	Fisher's exact test p=0.34 OR=1.97 [0.38-10.25] p=0.8 Φ=0.08	Fisher's exact test p=0.54 OR=0.75 [0.14-4.04] p=0.74 Φ=-0.04
Growth impairment (29)	Chi ² =0.11 (p=0.7) OR=0.8 [0.3-2.1] p=0.7 Φ= -0.03	Fisher's exact test p=0.4 OR=1.35 [0.43-4.23] p=0.6 Φ=0.05	Fisher's exact test p=0.15 OR=3.35 [0.64-17.58] p=0.15 Φ=0.14	Fisher's exact test p=0.54 OR=1.26 [0.23-6.87] p=0.79 Φ=0.02
Severe growth impairment (9)	Fisher's exact test p=0.4 OR=0.54 [0.1-2.7] p=0.4 Φ=-0.07	Chi ² =0.08 (p=0.7) Fisher's exact test p=0.6 OR=0.73 [0.08-6.28] p=0.78 Φ= -0.03	Fisher's exact test p=0.07 OR=7.57 [1.18-48.72] p=0.03 Φ=0.23	Fisher's exact test p=0.43 OR=2.17 [0.23-20.27] p=0.5 Φ=0.06
PCDAI severe (71)	Chi ² =0.003 (p=0.9) OR=1.02 [0.5-2.2] p=0.95 Φ=0.005 Q= 0.01 (p=0.95)	Chi ² =1.3 (p=0.25) OR=0.55 [0.19-1.54] p=0.26 Φ=0.1 Q= -0.29 (p=0.22)	Fisher's exact test p=0.54 OR=1.37 [0.24-7.81] p=0.7 Φ=0.03	Fisher's exact test p=0.59 OR=0.9 [0.19-4.19] p=0.88 Φ=-0.01
overweight (7)	Chi ² =0.08 (p=0.8) Fisher's exact test p=0.6 OR=0.8 [1.14-4.2] p=0.8 Φ= -0.03	Fisher's exact test p=0.67 OR=1 [0.11-8.87] p=1 Φ= 0	Fisher's exact test p=0.31 OR=3.57 [0.36-35.54] p=0.28 Φ=0.1	Fisher's exact test p=0.35 OR=2.94 [0.3-28.53] p=0.35 Φ=0.09
Rectal bleeding (36)	Chi ² =4.1 (p=0.04) OR=2.29 [1-5.17] p=0.04 Φ=0.19 Q= 0.39 (p=0.03)	Chi ² =1.07 (p=0.3) OR=1.74 [0.6-5] p=0.3 Φ=0.1 Q=0.27 (p=0.28)	Fisher's exact test p=0.6 OR=1.15 [0.2-6.56] p=0.88 Φ=0.01	Fisher's exact test p=0.64 OR=0.9 [0.17-4.9] p=0.9 Φ=0.01
Diarrhea (76)	Chi ² =0.8 (p=0.36) OR=1.46 [0.65-3.3] p=0.9 Φ=0.08 Q=0.19 (p=0.35)	Chi ² =1.26 (p=0.26) OR=1.96 [0.6-6.45] p=0.27 Φ=0.1 Q=32 (p=0.23)	Fisher's exact test p=0.3 OR=2.89 [0.32-25.57] p=0.34 Φ=0.09	Fisher's exact test p=0.22 OR=3.51 [0.4-30.22] p=0.25 Φ=0.11
Abdominal pain (80)	Chi ² =0.14 (p=0.7) OR=1.17 [0.5-2.9] p=0.7 Φ=0.03	Chi ² =0.09 (p=0.77) OR=0.85 [0.29-2.5] p=0.77 Φ= -0.03	Fisher's exact test p=0.63 OR=0.95 [0.17-5.41] p=0.95 Φ= -0.006	Fisher's exact test p=0.4 OR=0.61 [0.13-2.89] p=0.54 Φ=-0.06
Weight loss (60)	Chi ² =4.3 (p=0.04) OR=2.3 [1.04-4.9] p=0.04 Φ=0.19	Chi ² =1.92 (p=0.17) OR=2.1 [0.72-6.13] p=0.17 Φ=0.12	Fisher's exact test p=0.64 OR=1.04 [0.2-5.35] p=0.96 Φ=0.004	Fisher's exact test p=0.23 OR=0.39 [0.07-2.11] p=0.28 Φ=-0.1
Fever (17)	Chi ² =0.02 (p=0.9) OR=1.07 [0.37-3.2] p=0.9 Φ=0.01 Q= 0.04 (p=0.9)	Fisher's exact test p=0.06 OR=0.14 [0.01-2.4] p=0.17 Φ=-0.17	Fisher's exact test p=0.2 OR=3.23 [0.54-19.22] p=0.2 Φ=0.12	Fisher's exact test p=0.27 OR=2.56 [0.46-14.4] p=0.29 Φ=0.1

Perianal disease (21)	Chi ² =3.9 (p=0.049) OR=2.58 [0.99-6.7] p=0.05 Φ=0.18	Fisher's exact test p=0.36 OR=1.52 [0.44-5.23] p=0.5 Φ=0.06)	Fisher's exact test p=0.3 OR=0.33 [0.01-6.04] p=0.45 Φ=-0.1	Fisher's exact test p=0.24 OR=0.28 [0.02-5.1] p=0.39 Φ=0.12
Extraintestinal manifestations (18)	Chi ² <0.001 (p=0.7) OR=0.98 [0.3-2.9] p=0.9 Φ= -0.003	Fisher's exact test p=0.5 OR=1.24 [0.32-4.86] p=0.75 Φ=0.03	Fisher's exact test p=0.22 OR=3.03 [0.51-17.94] p=0.22 Φ=0.12	Fisher's exact test p=0.07 OR=4.85 [0.99-23.85] p=0.05 Φ=0.19
family history of IBD (8)	Chi ² =3.2 (p=0.07) Fisher's exact test p=0.08 OR=3.6 [0.8-15.9] p=0.09 Φ=0.16	Fisher's exact test p=0.32 OR=2.13 [0.39-11.56] p=0.38 Φ=0.08	Fisher's exact test p=0.35 OR=3.03 [0.31-29.59] p=0.34 Φ=0.09	Fisher's exact test p=0.39 OR=2.5 [0.26-23.74] p=0.43 Φ=0.08
Anaemia (77)	Chi ² =1.15 (p=0.3) OR=0.6 [0.29-1.44] p=0.28 Φ=0.09 Q= -0.22 (p=0.27)	Chi ² =0.94 (p=0.33) OR=0.59 [0.2-1.71] p=0.33 Φ=0.09 Q= -0.25 (p=0.31)	Fisher's exact test p=0.39 OR=2.34 [0.26-20.75] p=0.45 Φ=0.07	Fisher's exact test p=0.62 OR=1.14 [0.21-6.15] p=0.88 Φ=0.01
Hiperproteinemia (12)	Fisher's exact test p=0.6 OR=0.98 [0.28-3.5] p=0.9 Φ= -0.002	Fisher's exact test p=0.23 OR=2.21 [0.53-9.28] p=0.27 Φ=0.1	Fisher's exact test p=0.48 OR=1.85 [0.2-17.34] p=0.59 Φ=0.05	Fisher's exact test p=0.15 OR=4.08 [0.7-23.8] p=0.12 Φ=0.15
Low albumin (24)	Chi ² =0.001 (p=0.97) OR=0.98 [0.38-2.54] p=0.97 Φ= -0.003	Fisher's exact test p=0.46 OR=1.26 [0.37-4.28] p=0.37 Φ=0.03	Fisher's exact test p=0.65 OR=0.78 [0.09-7.03] p=0.8 Φ= -0.02	Fisher's exact test p=0.57 OR=0.65 [0.07-5.63] p=0.69 Φ= -0.04
Elevated total IgA (10)	Fisher's exact test p=0.55 OR=0.8 [0.2-3.4] p=0.8 Φ= -0.02	Fisher's exact test p=0.15 OR=2.9 [0.67-12.57] p=0.15 Φ=0.14	Fisher's exact test p=0.42 OR=2.31 [0.24-21.98] p=0.47 Φ=0.07	Fisher's exact test p=0.47 OR=1.9 [0.2-17.6] p=0.57 Φ=0.05
Elevated IgG (8)	Fisher's exact test p=0.26 OR=2.08 [0.49-8.8] p=0.3 Φ=0.09	Fisher's exact test p=0.09 OR=4.16 [0.89-19.34] p=0.07 Φ=0.18	Fisher's exact test p=0.65 OR=0.95 [0.05-18.43] p=0.98 Φ= -0.06	Fisher's exact test p=0.6 OR=0.82 [0.04-15.6] p=0.9 Φ= -0.07
IgA ASCA + (55)	Chi ² =0.06 (p=0.8) OR=0.9 [0.42-1.95] p=0.8 Φ=0.02 Q= -0.05 (p=0.8)	Chi ² =2.61 (p=0.09) OR=2.38 [0.82-6.92] p=0.11 Φ=0.15	Fisher's exact test p=0.59 OR=1.15 [0.22-5.97] p=0.86 Φ= 0.02	Fisher's exact test p=0.84 OR=0.85 [0.18-3.98] p=0.84 Φ= -0.02
IgG ASCA + (61)	Chi ² =4.55 (p=0.03) OR=2.33 [1.06-5.13] p=0.04 Φ=0.19	chi ² =10.85, p=<0.001 OR=9.13 [1.98-42] p=0.004 Φ=0.3	Fisher's exact test p=0.64 OR=0.95 [0.18-4.9] p=0.95 Φ=0.006	Fisher's exact test p=0.47 OR=0.7 [0.15-3.26] p=0.65 Φ=0.04
ASCA IgA+, IgG+ (42)	Chi ² =0.13 (p=0.7) OR=1.16 [0.52-2.55] p=0.7 Φ=0.03	Chi ² =7.51 (p=0.006) OR=4.2 [1.42-12.3] p=0.009 Φ=0.25	Fisher's exact test p=0.64 OR=0.91 [0.16-5.2] p=0.92 Φ= -0.009	Fisher's exact test p=0.52 OR=0.72 [0.13-3.88] p=0.7 Φ= -0.04

L1/L3 (98) vs Crohn's colitis	Chi ² =0.98 (p=0.3) OR=0.62 [0.24-1.62] p=0.3 Φ= -0.09	Fisher's exact test p=0.61 OR=1 [0.26-5.98] p=1 Φ= 0	Fisher's exact test p=0.3 OR=3.02 [0.16-55.72] p=0.46 Φ=0.1	Fisher's exact test p=0.25 OR=3.53 [0.19-64.12] p=0.85 Φ=0.12
L4a (43)	Chi ² =2.05 (p=0.15) OR=1.77 [0.8-3.87] p=0.15 Φ=0.13	Chi ² =2.43 (p=0.12) OR=2.25 [0.8-6.35] p=0.13 Φ=0.14	Fisher's exact test p=0.12 OR=3.79 [0.67-21.64] p=0.13 Φ=0.15	Fisher's exact test p=0.21 OR=2.5 [0.53-11.72] p=0.25 Φ=0.1
L4b (15)	Chi ² =1.4 (p=0.23) Fisher's exact test p=0.19 OR=0.45 [0.08-1.7] p=0.24 Φ= -0.01	Fisher's exact test p=0.64 OR=0.91 [0.19-4.46] p=0.9 Φ= -0.1	Fisher's exact test p=0.03 OR=8.42 [1.52-46.47] p=0.01 Φ=0.26	Fisher's exact test p=0.22 OR=3.05 [0.54-17.34] p=0.2 Φ=0.12
L4a+ L4b+ (5)	Fisher's exact test p=0.45 OR=0.48 [0.05-4.45] p=0.52 Φ= -0.06	Fisher's exact test p=0.54 OR=1.53 [0.16-14.59] p=0.7 Φ=0.03	Fisher's exact test p=0.23 OR=5.45 [0.51-58.16] p=0.16 Φ=0.14	Fisher's exact test p=0.27 OR=4.5 [0.43-46.74] p=0.2 Φ=0.13
B complicated (41)	Chi ² =4.32 (p=0.04) OR=0.4 [0.17-0.96] p=0.04 Φ= -0.19	Fisher's exact test p=0.2 OR=0.52 [0.16-1.7] p=0.28 Φ= -0.1	Fisher's exact test p=0.11 OR=3.95 [0.69-22.53] p=0.12 Φ=0.15	Fisher's exact test p=0.48 OR=1.4 [0.3-6.59] p=0.67 Φ=0.04
Duodenal eosinophilic infiltrates (10)	Fisher's exact test p=0.55 OR=0.83 [0.2-3.41] p=0.8 Φ= -0.02	Fisher's exact test p=0.57 OR=0.65 [0.08-5.45] p=0.69 Φ= -0.04	Fisher's exact test p=0.42 OR=2.31 [0.24-21.98] p=0.47 Φ=0.07	Fisher's exact test p=0.47 OR=1.9 [0.2-17.63] p=0.57 Φ=0.05
Colonic eosinophilic infiltrates (11)	Fisher's exact test p=0.29 OR=1.74 [0.5-6.09] p=0.86 Φ=0.08	Fisher's exact test p=0.51 OR=0.58 [0.07-4.8] p=0.6 Φ= -0.05	Fisher's exact test p=0.09 OR=5.78 [0.92-35.98] p=0.06 Φ=0.19	Fisher's exact test p=0.13 OR=4.58 [0.78-27.03] p=0.09 Φ=0.17
Biologic therapy <18 y (35)	Chi ² =0.1 (p=0.7) OR=0.87 [0.37-2.02] p=0.74 Φ= -0.03	Chi ² =0 (p=1) OR=1 [0.32-3.09] p=1	Fisher's exact test p=0.43 OR=0.46 [0.05-4.13] p=0.49 Φ= -0.06	Fisher's exact test p=0.66 OR=0.96 [0.18-5.19] p=0.96 Φ= -0.005
Surgical therapy <18 y (12)	Fisher's exact test p=0.6 OR=0.99 [0.28-3.5] p=0.98 Φ= -0.002	Fisher's exact test p=0.23 OR=2.1 [0.53-9.18] p=0.27 Φ=0.1	Fisher's exact test p=0.52 OR=0.63 [0.03-11.77] p=0.8 Φ= -0.08	Fisher's exact test p=0.47 OR=0.54 [0.03-9.96] p=0.68 Φ= -0.08