

Supplementary Table 9. Risk Factors Affecting Excessive Steroid Use or Inappropriate Steroid Use in Crohn's Disease in All Cohorts

Risk factor	Excessive steroid use			Inappropriate steroid use		
	Cohort 1		Cohort 2	Cohort 1		Cohort 2
	OR (95% CI)	P-value	OR (95% CI)	OR (95% CI)	P-value	P-value
Age	0.96 (0.92–1.01)	0.1257	1.02 (0.97–1.07)	1.02 (0.94–1.12)	0.6056	0.1159
Sex (male vs. female)	0.87 (0.37–2.00)	0.7348	0.65 (0.21–2.03)	0.98 (0.17–5.49)	0.9801	0.2653
CDAI score	1.00 (1.00–1.01)	0.0345	1.01 (1.00–1.01)	1.00 (0.99–1.01)	0.8504	0.8570
Phenotype: (A2+A3 vs. A1)	0.25 (0.03–1.95)	0.1851	2.17 (0.17–27.89)	2.00 (0.03–123.25)	0.7407	0.5115
Phenotype: A (A1+A3 vs. A2)	0.22 (0.05–1.07)	0.0610	1.50 (0.22–10.02)	1.10 (0.05–24.66)	0.9503	0.4087
Phenotype: L_1 (L2+L3 vs. L1)	0.65 (0.24–1.79)	0.4043	1.09 (0.32–3.76)	0.87 (0.13–5.93)	0.8858	0.4956
Phenotype: L_1 (L1+L3 vs. L2)	1.35 (0.54–3.34)	0.5181	2.31 (0.76–7.02)	1.24 (0.16–9.44)	0.8367	0.6751
Phenotype: L_2 (none vs. L4)	13.45 (0.24–754.83)	0.2060	10.38 (0.17–620.65)	0.00 (0.00–1.00)	1	0.0628
Phenotype: B B2+B3 vs. B1	0.54 (0.19–1.50)	0.2342	7.97 (0.55–115.66)	0.22 (0.03–1.45)	0.1150	0.9329
Phenotype: B (B1+B3 vs. B2)	0.38 (0.11–1.33)	0.1291	8.38 (0.55–128.82)	0.32 (0.04–2.44)	0.2693	0.3515
Surgical history (no vs. yes)	1.52 (0.68–3.42)	0.3104	1.35 (0.48–3.79)	1.50 (0.29–7.89)	0.6313	0.2572
IMM (no vs. yes)	0.57 (0.26–1.27)	0.1720	0.51 (0.18–1.44)	1.73 (0.36–8.37)	0.4954	0.0330

Phenotype A (A1, <17 yr; A2, 17–40 yr; A3 >40 yr), phenotype L (L1, ileal; L2, colonic; L3, ileocolonic; L4, isolated upper), and phenotype B (B1, non-stricturing/non-penetrating; B2, stricturing; B3, penetrating).

OR, odds ratio; CI, confidence interval; CDAI, Crohn's Disease Activity Index; IMM, Immunomodulator.