

SUPPLEMENTARY DATA

Supplementary Table 1. Univariate Cox proportional hazards models for colorectal cancer during the follow-up period in the diabetic cohort.

Variable	No. of patients	No. of person-years	No. of patients with colorectal cancer	Incidence rate (95% CI) (per 10 ⁵ person-year)	Crude HR (95% CI)
All patients	398,592	1,487,135.7	1332	89.57 (84.88-94.51)	
Women	189,286	724,261	628	86.71 (80.19-93.76)	–
Men	209,306	762,874.7	704	92.28 (85.71-99.36)	1.08 (0.97-1.20)
Metformin use					
Non-user (=0cDDD)	114,687	331,028.2	381	115.10 (104.10-127.25)	–
User (>0cDDD)	283,905	1,156,107.5	951	82.26 (77.19-87.66)	0.66 (0.59-0.74)
Sulfonylurea use					
Non-user (=0cDDD)	111,491	333,236.5	284	85.22 (75.87-95.74)	–
User (>0cDDD)	287,101	1,153,899.2	1048	90.82 (85.49-96.49)	1.00 (0.87-1.14)
TZD use					
Non-user (=0cDDD)	290,080	986,171.3	1021	103.53 (97.37-110.08)	–
User (>0cDDD)	108,512	500,964.4	311	62.08 (55.55-69.38)	0.56 (0.49-0.63)
Insulin use					
Non-user (=0 U)	278,115	968,482.9	432	44.61 (40.59-49.02)	–
User (>0U)	120,477	518,652.8	900	173.53 (162.55-185.24)	3.73 (3.33-4.19)
Aspirin use					
Non-user (=0cDDD)	229,756	769,348.1	652	84.75 (78.49-91.51)	–
User (>0cDDD)	168,836	717,787.6	680	94.74 (87.88-102.13)	1.06 (0.95-1.18)
NSAID use					
Non-user (=0cDDD)	61349	101,585	97	95.49 (78.26-116.51)	–
User (>0cDDD)	337243	1,385,550.7	1235	89.13 (84.30-94.25)	0.71 (0.57-0.87)
Statin use					
Non-user (=0cDDD)	206,279	671544.2	767	114.21 (106.41-122.59)	–
User (>0cDDD)	192,313	815591.5	565	69.27 (63.79-75.23)	0.57 (0.51-0.64)
aDCSI score					
0	349,035	1291913.5	1123	86.93 (81.99-92.16)	–
1	11,066	52864.2	41	77.56 (57.11-105.33)	0.85 (0.62-1.15)
2	12,050	51765.6	50	96.59 (73.21-127.44)	1.08 (0.81-1.43)
3	9,000	35028.8	39	111.34 (81.35-152.39)	1.27 (0.92-1.74)

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4	6,515	23310.7	36	154.44 (111.40-214.10)	1.79 (1.29-2.50)
5+	10,926	32252.9	43	133.32 (98.88-179.77)	1.63 (1.20-2.21)
Surveillance Colonoscopy					
No	375,864	1,403,202.3	1278	91.08 (86.22-96.21)	–
Yes	22,728	83,933.4	54	64.34 (49.27-84.00)	0.71 (0.54-0.93)
FOBT					
No	353,859	1,335,912.6	1,186	88.78 (83.87-93.98)	–
Yes	44,733	151,223.1	146	96.55 (82.09-113.55)	1.12 (0.94-1.33)

* TZD, thiazolidinedione; NSAID, nonsteroidal anti-inflammatory drug; aDCSI, adapted Diabetes Complication Severity Index; FOBT, fecal occult blood test; cDDD, cumulative defined daily dose; CI, confidence interval