

Title: A case-control of patients with COVID-19 to explore the association of previous hospitalisation use of medication on the mortality of COVID-19 disease: a Propensity score matching analysis

Supplementary tables

Table S1 Propensity score matching analysis of other final drugs. Lower and upper limits of the 95% confidence interval for the Odds Ratio.

ATC CODE	DRUG P.VALUE	OR	LOWER LIMIT 95% CI	UPPER LIMIT 95% CI	POWER
A01AB09	1.000	1.00	0.01	78.56	1.000
A01AC53	0.250	0.00	0.00	5.32	0.803
A02AD03	0.500	Inf	0.03	Inf	0.789
A02AH	0.500	0.00	0.00	39.00	0.789
A02AH91	NA	NA	NA	NA	NA
A02BA02	0.250	Inf	0.19	Inf	0.803
A02BA03	0.790	0.86	0.24	2.99	0.797
A02BC	0.688	1.19	0.49	2.94	0.712
A02BC01	0.544	1.07	0.86	1.34	0.613
A02BC02	0.579	1.11	0.76	1.63	0.634
A02BC03	0.803	0.87	0.27	2.77	0.809
A02BC04	1.000	1.00	0.01	78.56	1.000
A02BC05	0.420	1.41	0.58	3.57	0.560
A02BD08	NA	NA	NA	NA	NA
A02BX	NA	NA	NA	NA	NA
A02BX91	1.000	1.00	0.01	78.56	1.000
A03AA04	0.452	2.00	0.29	22.23	0.588
A03AA05	0.500	0.00	0.00	39.00	0.789
A03AB06	0.500	0.00	0.00	39.00	0.789
A03AX04	0.250	Inf	0.19	Inf	0.803
A03AX13	0.500	Inf	0.03	Inf	0.789
A03BB01	0.124	0.20	0.00	1.79	0.585
A03FA	0.625	2.00	0.10	118.26	0.680
A03FA01	0.603	1.21	0.57	2.59	0.651
A03FA03	0.627	0.78	0.24	2.36	0.668
A03FA06	0.831	1.10	0.42	2.91	0.835
A03FA08	0.342	0.50	0.08	2.34	0.552
A03FA51	NA	NA	NA	NA	NA
A04AD	0.753	0.80	0.16	3.73	0.766
A05AA02	0.048	0.33	0.08	1.09	0.541
A06AA01	0.374	0.33	0.01	4.15	0.586
A06AB02	0.500	0.00	0.00	39.00	0.789
A06AB06	0.500	0.00	0.00	39.00	0.789
A06AC01	0.547	0.66	0.14	2.82	0.622
A06AD11	0.605	1.34	0.40	4.70	0.654
A06AD12	0.250	0.00	0.00	5.32	0.803
A06AD15	1.000	1.00	0.01	78.56	1.000
A06AD65	0.708	0.86	0.38	1.96	0.728

A06AG01	0.500	0.00	0.00	39.00	0.789
A06AG11	0.500	0.00	0.00	39.00	0.789
A06AX04	NA	NA	NA	NA	NA
A07AA02	0.478	0.70	0.22	2.04	0.585
A07AA11	0.625	2.00	0.10	118.26	0.680
A07DA03	1.000	1.00	0.01	78.56	1.000
A07EA06	NA	NA	NA	NA	NA
A07EA07	NA	NA	NA	NA	NA
A07EC01	0.250	Inf	0.19	Inf	0.803
A07EC02	0.452	0.50	0.04	3.49	0.588
A07FA02	NA	NA	NA	NA	NA
A07XA04	1.000	1.00	0.01	78.56	1.000
A09AA02	1.000	1.00	0.13	7.49	1.000
A10AB01	0.374	3.01	0.24	158.05	0.586
A10AB04	0.726	1.34	0.22	9.15	0.744
A10AB05	0.164	2.02	0.70	6.59	0.524
A10AB06	0.178	2.27	0.63	10.12	0.532
A10AC01	0.500	0.00	0.00	39.00	0.789
A10AD01	0.500	Inf	0.03	Inf	0.789
A10AD04	0.625	2.00	0.10	118.26	0.680
A10AD05	1.000	1.00	0.07	13.83	1.000
A10AE04	0.210	1.34	0.83	2.17	0.510
A10AE05	0.753	0.80	0.16	3.73	0.766
A10AE06	0.625	0.50	0.01	9.62	0.680
A10BA02	0.304	0.82	0.56	1.21	0.522
A10BB	0.500	0.00	0.00	39.00	0.789
A10BB01	0.500	0.00	0.00	39.00	0.789
A10BB09	0.038	4.54	0.94	43.34	0.569
A10BB12	1.000	1.00	0.13	7.49	1.000
A10BD07	1.000	1.00	0.41	2.45	1.000
A10BD08	0.881	0.96	0.50	1.81	0.882
A10BD10	0.500	0.00	0.00	39.00	0.789
A10BD11	1.000	1.00	0.07	13.83	1.000
A10BD13	0.500	0.00	0.00	39.00	0.789
A10BD15	0.250	Inf	0.19	Inf	0.803
A10BD16	NA	NA	NA	NA	NA
A10BD20	0.124	5.02	0.56	237.95	0.585
A10BF01	NA	NA	NA	NA	NA
A10BH01	1.000	1.00	0.27	3.76	1.000
A10BH02	0.141	0.45	0.12	1.42	0.528
A10BH03	0.500	Inf	0.03	Inf	0.789
A10BH04	0.250	0.00	0.00	5.32	0.803
A10BJ01	NA	NA	NA	NA	NA
A10BJ02	1.000	1.00	0.01	78.56	1.000
A10BJ03	0.500	0.00	0.00	39.00	0.789
A10BJ05	0.625	2.00	0.10	118.26	0.680

A10BJ06	NA	NA	NA	NA	NA
A10BK01	0.225	2.35	0.53	14.12	0.539
A10BK02	0.500	Inf	0.03	Inf	0.789
A10BK03	0.386	1.76	0.44	8.22	0.557
A10BX02	1.000	1.00	0.42	2.36	1.000
A11CA01	0.250	Inf	0.19	Inf	0.803
A11CC04	0.625	0.50	0.01	9.62	0.680
A11CC05	0.226	1.68	0.68	4.39	0.520
A11CC06	0.809	0.97	0.76	1.24	0.814
A11DA01	0.625	2.00	0.10	118.26	0.680
A11DB	0.250	0.00	0.00	5.32	0.803
A11DB91	NA	NA	NA	NA	NA
A11EX	NA	NA	NA	NA	NA
A11GA01	0.500	0.00	0.00	39.00	0.789
A11HA03	0.374	3.01	0.24	158.05	0.586
A11HA05	0.250	0.00	0.00	5.32	0.803
A12AA04	0.141	0.45	0.12	1.42	0.528
A12AA92	0.250	Inf	0.19	Inf	0.803
A12AX	0.205	0.74	0.46	1.20	0.510
A12AX93	0.823	1.05	0.66	1.68	0.827
A12AX96	0.039	7.05	0.90	318.27	0.604
A12BA01	0.687	1.50	0.17	18.03	0.716
A12BA04	0.687	1.50	0.17	18.03	0.716
A12BA30	NA	NA	NA	NA	NA
A12CC30	0.687	0.67	0.06	5.83	0.716
A12CX91	0.250	Inf	0.19	Inf	0.803
A15ZZ91	0.500	Inf	0.03	Inf	0.789
B01AA03	0.250	Inf	0.19	Inf	0.803
B01AA07	0.133	1.33	0.90	1.97	0.505
B01AB11	NA	NA	NA	NA	NA
B01AC04	0.870	0.95	0.46	1.92	0.871
B01AC05	NA	NA	NA	NA	NA
B01AC18	0.452	0.50	0.04	3.49	0.588
B01AC22	NA	NA	NA	NA	NA
B01AC23	0.250	Inf	0.19	Inf	0.803
B01AC24	0.125	0.00	0.00	2.42	0.820
B01AD01	0.500	0.00	0.00	39.00	0.789
B01AE07	1.000	1.00	0.27	3.76	1.000
B01AF01	0.158	1.69	0.78	3.82	0.514
B01AF02	0.576	0.85	0.47	1.54	0.633
B01AF03	0.605	0.75	0.21	2.47	0.654
B01AX05	NA	NA	NA	NA	NA
B02AA02	0.500	Inf	0.03	Inf	0.789
B03AA01	0.044	2.04	0.97	4.51	0.518
B03AA07	0.897	0.97	0.56	1.67	0.898
B03AA91	NA	NA	NA	NA	NA

B03AB	0.179	3.02	0.54	30.65	0.551
B03AB09	0.422	0.62	0.16	2.17	0.565
B03AB91	0.500	0.00	0.00	39.00	0.789
B03AB92	1.000	1.00	0.01	78.56	1.000
B03BA01	0.110	1.49	0.89	2.54	0.507
B03BA51	0.579	0.71	0.18	2.62	0.639
B05BB91	0.250	0.00	0.00	5.32	0.803
C01BC03	NA	NA	NA	NA	NA
C01BC04	1.000	1.00	0.13	7.49	1.000
C01BD01	1.000	1.00	0.13	7.49	1.000
C01BD07	1.000	1.00	0.01	78.56	1.000
C01CA24	0.500	Inf	0.03	Inf	0.789
C01DA02	0.876	1.05	0.54	2.07	0.877
C01DA14	0.178	2.27	0.63	10.12	0.532
C01DA52	0.866	1.06	0.51	2.21	0.868
C01EB15	0.500	0.00	0.00	39.00	0.789
C01EB17	0.031	Inf	0.92	Inf	0.844
C01EB18	1.000	1.00	0.35	2.86	1.000
C02AC05	0.500	Inf	0.03	Inf	0.789
C02CA04	0.177	1.52	0.80	2.96	0.511
C02DB02	0.500	0.00	0.00	39.00	0.789
C02DC01	NA	NA	NA	NA	NA
C03AA03	0.698	1.17	0.50	2.79	0.720
C03BA04	0.288	2.51	0.41	26.45	0.554
C03BA11	0.823	0.90	0.32	2.48	0.827
C03CA01	0.142	1.24	0.92	1.68	0.504
C03CA04	1.000	1.00	0.51	1.98	1.000
C03DA01	0.545	1.21	0.63	2.33	0.615
C03DA04	0.688	1.19	0.49	2.94	0.712
C03EA01	0.646	1.25	0.44	3.68	0.681
C03EA04	NA	NA	NA	NA	NA
C04AD03	0.208	2.01	0.62	7.55	0.528
C05AA01	NA	NA	NA	NA	NA
C05AE01	0.125	0.00	0.00	2.42	0.820
C05AX03	0.500	0.00	0.00	39.00	0.789
C05BX01	0.500	0.00	0.00	39.00	0.789
C05CA04	0.500	0.00	0.00	39.00	0.789
C05CA53	0.250	0.00	0.00	5.32	0.803
C07AA05	0.422	0.62	0.16	2.17	0.565
C07AA07	0.500	Inf	0.03	Inf	0.789
C07AB02	0.065	0.25	0.03	1.25	0.563
C07AB03	1.000	1.00	0.52	1.91	1.000
C07AB07	0.373	1.16	0.83	1.61	0.538
C07AB12	0.625	0.50	0.01	9.62	0.680
C07AG02	0.058	1.70	0.95	3.11	0.510
C07BB07	NA	NA	NA	NA	NA

C07CB03	0.250	Inf	0.19	Inf	0.803
C08CA01	0.931	0.98	0.69	1.41	0.931
C08CA05	0.625	2.00	0.10	118.26	0.680
C08CA09	0.500	Inf	0.03	Inf	0.789
C08CA11	1.000	1.00	0.19	5.39	1.000
C08CA12	0.288	0.40	0.04	2.44	0.554
C08CA13	0.813	0.89	0.30	2.61	0.819
C08DA01	0.687	0.67	0.06	5.83	0.716
C08DB01	0.386	1.76	0.44	8.22	0.557
C09AA01	0.062	0.00	0.00	1.51	0.833
C09AA02	0.370	0.87	0.64	1.19	0.537
C09AA03	0.813	1.13	0.38	3.38	0.819
C09AA04	1.000	1.00	0.13	7.49	1.000
C09AA05	0.753	0.80	0.16	3.73	0.766
C09AA06	0.500	Inf	0.03	Inf	0.789
C09AA16	0.218	0.25	0.01	2.53	0.577
C09BA01	1.000	1.00	0.01	78.56	1.000
C09BA03	0.342	0.50	0.08	2.34	0.552
C09BA04	0.250	Inf	0.19	Inf	0.803
C09BA05	1.000	1.00	0.07	13.83	1.000
C09BA06	NA	NA	NA	NA	NA
C09BB02	1.000	1.00	0.19	5.39	1.000
C09BB10	1.000	1.00	0.01	78.56	1.000
C09CA	0.250	0.00	0.00	5.32	0.803
C09CA01	0.683	1.12	0.63	2.00	0.707
C09CA02	0.250	Inf	0.19	Inf	0.803
C09CA03	0.304	1.57	0.63	4.13	0.530
C09CA04	0.538	1.31	0.52	3.35	0.612
C09CA06	1.000	1.00	0.23	4.37	1.000
C09CA07	0.342	0.50	0.08	2.34	0.552
C09CA08	0.356	0.63	0.21	1.80	0.543
C09DA	0.125	Inf	0.41	Inf	0.820
C09DA01	0.372	0.72	0.32	1.56	0.543
C09DA02	0.250	0.00	0.00	5.32	0.803
C09DA03	0.131	2.02	0.76	5.95	0.522
C09DA04	0.605	1.34	0.40	4.70	0.654
C09DA06	0.774	1.20	0.30	5.00	0.783
C09DA07	0.452	0.50	0.04	3.49	0.588
C09DA08	0.075	0.36	0.08	1.22	0.537
C09DB01	0.579	0.71	0.18	2.62	0.639
C09DB02	1.000	1.00	0.13	7.49	1.000
C09DB04	1.000	1.00	0.01	78.56	1.000
C09DX01	0.687	0.67	0.06	5.83	0.716
C09DX03	0.627	1.29	0.42	4.10	0.668
C09DX04	0.299	1.81	0.54	6.91	0.536
C09XA02	0.625	2.00	0.10	118.26	0.680

C10AA01	0.873	0.97	0.70	1.35	0.874
C10AA02	0.507	1.67	0.32	10.80	0.604
C10AA03	0.813	0.89	0.30	2.61	0.819
C10AA04	1.000	1.00	0.07	13.83	1.000
C10AA07	0.740	0.89	0.43	1.83	0.754
C10AA08	0.646	1.25	0.44	3.68	0.681
C10AB02	0.500	0.00	0.00	39.00	0.789
C10AB04	0.687	0.67	0.06	5.83	0.716
C10AB05	0.113	2.19	0.77	7.06	0.525
C10AC01	1.000	1.00	0.13	7.49	1.000
C10AX06	0.605	1.34	0.40	4.70	0.654
C10AX09	1.000	1.00	0.39	2.56	1.000
C10BA02	0.342	2.01	0.43	12.46	0.552
C10BA03	0.625	0.50	0.01	9.62	0.680
C10BA05	0.042	0.41	0.14	1.04	0.528
C10BA06	0.108	0.28	0.03	1.50	0.557
C10BX03	0.250	Inf	0.19	Inf	0.803
C10BX06	0.125	Inf	0.41	Inf	0.820
D01AC01	0.774	1.20	0.30	5.00	0.783
D01AC08	0.478	0.70	0.22	2.04	0.585
D01AC10	0.500	0.00	0.00	39.00	0.789
D01AC11	0.500	0.00	0.00	39.00	0.789
D01AC12	0.500	Inf	0.03	Inf	0.789
D01AC14	1.000	1.00	0.01	78.56	1.000
D01AC52	0.500	Inf	0.03	Inf	0.789
D01AE14	0.870	0.95	0.46	1.92	0.871
D01AE15	0.625	0.50	0.01	9.62	0.680
D01AE16	0.625	0.50	0.01	9.62	0.680
D01BA02	NA	NA	NA	NA	NA
D03BA52	0.374	3.01	0.24	158.05	0.586
D05AX02	0.500	0.00	0.00	39.00	0.789
D05AX52	0.034	3.71	0.97	20.78	0.554
D05BB02	0.250	Inf	0.19	Inf	0.803
D05BX90	NA	NA	NA	NA	NA
D06AX01	1.000	1.00	0.07	13.83	1.000
D06AX04	NA	NA	NA	NA	NA
D06AX09	0.065	0.25	0.03	1.25	0.563
D06BA01	0.062	Inf	0.66	Inf	0.833
D06BB10	NA	NA	NA	NA	NA
D06BB12	NA	NA	NA	NA	NA
D06BX01	1.000	1.00	0.01	78.56	1.000
D07AA02	0.625	0.50	0.01	9.62	0.680
D07AB01	1.000	1.00	0.01	78.56	1.000
D07AB02	NA	NA	NA	NA	NA
D07AC01	1.000	1.00	0.27	3.76	1.000
D07AC04	NA	NA	NA	NA	NA

D07AC13	0.823	0.90	0.32	2.48	0.827
D07AC14	0.062	0.51	0.23	1.09	0.516
D07AC15	0.374	3.01	0.24	158.05	0.586
D07AC16	0.625	0.50	0.01	9.62	0.680
D07AC17	0.374	3.01	0.24	158.05	0.586
D07AC18	0.342	0.50	0.08	2.34	0.552
D07AD01	0.554	0.78	0.32	1.87	0.621
D07CA01	NA	NA	NA	NA	NA
D07CB01	NA	NA	NA	NA	NA
D07CC01	0.500	Inf	0.03	Inf	0.789
D07XC01	0.625	0.50	0.01	9.62	0.680
D09AA09	0.500	Inf	0.03	Inf	0.789
D10AF01	1.000	1.00	0.01	78.56	1.000
D10AF02	NA	NA	NA	NA	NA
D10BA01	NA	NA	NA	NA	NA
D11AH01	1.000	1.00	0.19	5.39	1.000
D11AH02	0.753	0.80	0.16	3.73	0.766
D11AX01	NA	NA	NA	NA	NA
D11AX10	NA	NA	NA	NA	NA
D11AX18	1.000	1.00	0.19	5.39	1.000
D11AX22	NA	NA	NA	NA	NA
G01AC05	NA	NA	NA	NA	NA
G01AF02	0.124	0.20	0.00	1.79	0.585
G01AF04	NA	NA	NA	NA	NA
G01AF12	NA	NA	NA	NA	NA
G01AF20	NA	NA	NA	NA	NA
G02BB01	NA	NA	NA	NA	NA
G02CB03	NA	NA	NA	NA	NA
G02CC03	NA	NA	NA	NA	NA
G03AA07	NA	NA	NA	NA	NA
G03AA09	NA	NA	NA	NA	NA
G03AA11	NA	NA	NA	NA	NA
G03AA12	NA	NA	NA	NA	NA
G03AA13	NA	NA	NA	NA	NA
G03AA14	NA	NA	NA	NA	NA
G03AA16	NA	NA	NA	NA	NA
G03AB08	NA	NA	NA	NA	NA
G03AC09	NA	NA	NA	NA	NA
G03AD02	NA	NA	NA	NA	NA
G03BA03	0.500	Inf	0.03	Inf	0.789
G03CA03	NA	NA	NA	NA	NA
G03CA04	NA	NA	NA	NA	NA
G03CA09	NA	NA	NA	NA	NA
G03CX01	NA	NA	NA	NA	NA
G03DA02	NA	NA	NA	NA	NA
G03DA04	NA	NA	NA	NA	NA

G03DC02	NA	NA	NA	NA	NA
G03FB01	NA	NA	NA	NA	NA
G03HA01	0.500	Inf	0.03	Inf	0.789
G03HB01	NA	NA	NA	NA	NA
G03XC01	NA	NA	NA	NA	NA
G03XC02	NA	NA	NA	NA	NA
G04BC	0.500	Inf	0.03	Inf	0.789
G04BC91	0.500	Inf	0.03	Inf	0.789
G04BD04	0.500	Inf	0.03	Inf	0.789
G04BD06	NA	NA	NA	NA	NA
G04BD07	0.452	0.50	0.04	3.49	0.588
G04BD08	0.386	1.76	0.44	8.22	0.557
G04BD09	0.500	Inf	0.03	Inf	0.789
G04BD11	0.726	0.75	0.11	4.45	0.744
G04BD12	0.207	1.76	0.69	4.89	0.521
G04BE01	0.500	0.00	0.00	39.00	0.789
G04BE03	0.250	0.00	0.00	5.32	0.803
G04BE08	0.500	Inf	0.03	Inf	0.789
G04BE10	NA	NA	NA	NA	NA
G04CA01	0.625	2.00	0.10	118.26	0.680
G04CA02	0.912	0.98	0.62	1.54	0.913
G04CA03	0.250	0.00	0.00	5.32	0.803
G04CA04	0.870	1.06	0.52	2.16	0.871
G04CA52	0.129	1.40	0.89	2.22	0.506
G04CA53	0.148	1.89	0.75	5.19	0.519
G04CB01	1.000	1.00	0.13	7.49	1.000
G04CB02	0.687	1.50	0.17	18.03	0.716
G04CX02	0.356	1.58	0.56	4.84	0.543
G04CX51	0.125	Inf	0.41	Inf	0.820
H01BA02	NA	NA	NA	NA	NA
H01CB02	0.500	0.00	0.00	39.00	0.789
H01CB03	NA	NA	NA	NA	NA
H02AA02	1.000	1.00	0.01	78.56	1.000
H02AB01	NA	NA	NA	NA	NA
H02AB02	0.141	2.22	0.71	8.19	0.528
H02AB04	0.547	0.66	0.14	2.82	0.622
H02AB07	0.492	1.17	0.73	1.90	0.586
H02AB08	0.500	0.00	0.00	39.00	0.789
H02AB09	1.000	1.00	0.07	13.83	1.000
H02AB13	1.000	1.00	0.01	78.56	1.000
H03AA01	0.227	0.81	0.57	1.16	0.510
H03BB01	0.500	Inf	0.03	Inf	0.789
H03BB02	1.000	1.00	0.13	7.49	1.000
H03CA	NA	NA	NA	NA	NA
H03CA91	NA	NA	NA	NA	NA
H04AA01	0.726	1.34	0.22	9.15	0.744

H05AA02	0.625	2.00	0.10	118.26	0.680
H05BA01	NA	NA	NA	NA	NA
H05BX02	0.507	1.67	0.32	10.80	0.604
J01AA02	0.500	0.00	0.00	39.00	0.789
J01AA08	0.500	0.00	0.00	39.00	0.789
J01CA04	0.858	0.94	0.43	2.04	0.861
J01CE02	NA	NA	NA	NA	NA
J01CF02	0.218	0.25	0.01	2.53	0.577
J01CR02	0.074	0.58	0.29	1.10	0.512
J01DB05	0.500	0.00	0.00	39.00	0.789
J01DD08	0.299	0.55	0.14	1.85	0.536
J01DD16	0.386	1.76	0.44	8.22	0.557
J01EE01	0.605	1.34	0.40	4.70	0.654
J01FA09	0.125	0.00	0.00	2.42	0.820
J01FF01	1.000	1.00	0.07	13.83	1.000
J01GB03	0.500	0.00	0.00	39.00	0.789
J01MA02	0.131	0.50	0.17	1.32	0.522
J01MA06	1.000	1.00	0.01	78.56	1.000
J01MA12	0.133	0.66	0.36	1.17	0.509
J01MA14	0.374	0.33	0.01	4.15	0.586
J01XE01	0.726	1.34	0.22	9.15	0.744
J01XX01	0.646	0.87	0.45	1.67	0.680
J02AC01	0.452	0.50	0.04	3.49	0.588
J02AC02	0.500	0.00	0.00	39.00	0.789
J04AB02	NA	NA	NA	NA	NA
J04AC51	NA	NA	NA	NA	NA
J05AB01	1.000	1.00	0.13	7.49	1.000
J05AB11	0.625	0.50	0.01	9.62	0.680
J05AH02	0.500	0.00	0.00	39.00	0.789
L01BA01	1.000	1.00	0.01	78.56	1.000
L01BC52	0.625	0.50	0.01	9.62	0.680
L01XX05	0.625	0.50	0.01	9.62	0.680
L02AB01	1.000	1.00	0.01	78.56	1.000
L02AE02	0.145	0.37	0.06	1.56	0.540
L02AE03	0.500	0.00	0.00	39.00	0.789
L02AE04	0.753	0.80	0.16	3.73	0.766
L02BA01	0.500	0.00	0.00	39.00	0.789
L02BA03	0.500	Inf	0.03	Inf	0.789
L02BB03	1.000	1.00	0.07	13.83	1.000
L02BG03	0.250	Inf	0.19	Inf	0.803
L02BG04	0.452	0.50	0.04	3.49	0.588
L02BG06	NA	NA	NA	NA	NA
L04AA06	0.125	Inf	0.41	Inf	0.820
L04AA10	NA	NA	NA	NA	NA
L04AA13	0.125	0.00	0.00	2.42	0.820
L04AA18	0.218	4.01	0.40	197.95	0.577

L04AD01	0.500	0.00	0.00	39.00	0.789
L04AD02	0.008	Inf	1.45	Inf	0.861
L04AX01	0.452	2.00	0.29	22.23	0.588
L04AX03	0.235	1.85	0.62	6.12	0.526
M01AB01	NA	NA	NA	NA	NA
M01AB05	0.625	2.00	0.10	118.26	0.680
M01AB16	0.625	0.50	0.01	9.62	0.680
M01AB55	NA	NA	NA	NA	NA
M01AC05	0.500	0.00	0.00	39.00	0.789
M01AC06	0.500	0.00	0.00	39.00	0.789
M01AE01	0.314	0.74	0.40	1.37	0.527
M01AE02	0.547	0.66	0.14	2.82	0.622
M01AE03	NA	NA	NA	NA	NA
M01AE14	NA	NA	NA	NA	NA
M01AE17	0.040	0.35	0.10	1.04	0.536
M01AE52	0.500	0.00	0.00	39.00	0.789
M01AG01	NA	NA	NA	NA	NA
M01AH01	0.374	3.01	0.24	158.05	0.586
M01AH05	0.687	1.50	0.17	18.03	0.716
M01AX02	NA	NA	NA	NA	NA
M01AX05	0.250	0.00	0.00	5.32	0.803
M01AX21	0.500	0.00	0.00	39.00	0.789
M01AX25	0.075	0.36	0.08	1.22	0.537
M01CX	0.250	0.00	0.00	5.32	0.803
M02AA15	NA	NA	NA	NA	NA
M02AA28	0.500	0.00	0.00	39.00	0.789
M03BA03	0.500	Inf	0.03	Inf	0.789
M03BX01	0.288	0.40	0.04	2.44	0.554
M03BX02	0.500	Inf	0.03	Inf	0.789
M03BX08	0.125	0.00	0.00	2.42	0.820
M04AA03	0.288	2.51	0.41	26.45	0.554
M04AC51	0.125	Inf	0.41	Inf	0.820
M05BA04	0.579	0.71	0.18	2.62	0.639
M05BA06	1.000	1.00	0.13	7.49	1.000
M05BA07	0.547	1.50	0.35	7.28	0.622
M05BB03	0.625	2.00	0.10	118.26	0.680
M05BX04	0.866	1.06	0.51	2.21	0.868
N01BA02	NA	NA	NA	NA	NA
N01BB02	0.625	0.50	0.01	9.62	0.680
N01BB20	0.687	1.50	0.17	18.03	0.716
N01BX04	0.452	2.00	0.29	22.23	0.588
N02AA01	0.145	2.68	0.64	15.78	0.540
N02AA05	0.500	Inf	0.03	Inf	0.789
N02AA55	0.726	1.34	0.22	9.15	0.744
N02AB03	0.050	2.28	0.94	6.11	0.524
N02AE01	0.374	0.33	0.01	4.15	0.586

N02AJ06	0.062	0.43	0.15	1.12	0.525
N02AJ07	0.500	0.00	0.00	39.00	0.789
N02AJ08	NA	NA	NA	NA	NA
N02AJ13	0.200	0.77	0.51	1.16	0.508
N02AJ14	0.500	0.00	0.00	39.00	0.789
N02AX02	0.740	1.12	0.55	2.32	0.754
N02AX06	0.790	0.86	0.24	2.99	0.797
N02BA01	0.500	Inf	0.03	Inf	0.789
N02BB	0.288	0.40	0.04	2.44	0.554
N02BB02	0.806	1.03	0.80	1.32	0.812
N02BE01	0.448	1.09	0.87	1.35	0.565
N02BG91	0.500	0.00	0.00	39.00	0.789
N02CA52	0.625	0.50	0.01	9.62	0.680
N02CC01	NA	NA	NA	NA	NA
N02CC03	1.000	1.00	0.01	78.56	1.000
N02CC04	0.500	0.00	0.00	39.00	0.789
N02CC05	0.500	0.00	0.00	39.00	0.789
N02CC06	NA	NA	NA	NA	NA
N03AA02	0.374	3.01	0.24	158.05	0.586
N03AA03	1.000	1.00	0.01	78.56	1.000
N03AB02	1.000	1.00	0.07	13.83	1.000
N03AE01	0.708	1.16	0.51	2.66	0.728
N03AF01	1.000	1.00	0.07	13.83	1.000
N03AF02	NA	NA	NA	NA	NA
N03AF04	0.500	Inf	0.03	Inf	0.789
N03AG01	0.507	0.60	0.09	3.09	0.604
N03AX09	1.000	1.00	0.07	13.83	1.000
N03AX11	0.625	2.00	0.10	118.26	0.680
N03AX12	0.305	1.44	0.69	3.11	0.527
N03AX14	0.164	2.02	0.70	6.59	0.524
N03AX15	0.625	2.00	0.10	118.26	0.680
N03AX16	0.717	1.09	0.66	1.82	0.734
N03AX18	0.687	0.67	0.06	5.83	0.716
N03AX22	0.500	0.00	0.00	39.00	0.789
N03AX23	0.500	0.00	0.00	39.00	0.789
N04AA02	1.000	1.00	0.07	13.83	1.000
N04BA02	0.553	1.20	0.64	2.27	0.620
N04BB01	1.000	1.00	0.01	78.56	1.000
N04BC04	0.031	0.00	0.00	1.09	0.844
N04BC05	0.753	0.80	0.16	3.73	0.766
N04BC09	1.000	1.00	0.01	78.56	1.000
N04BD02	0.478	1.43	0.49	4.47	0.585
N04BD03	0.500	Inf	0.03	Inf	0.789
N05AA01	NA	NA	NA	NA	NA
N05AA02	0.250	Inf	0.19	Inf	0.803
N05AD01	0.790	0.86	0.24	2.99	0.797

N05AF05	0.500	0.00	0.00	39.00	0.789
N05AG02	NA	NA	NA	NA	NA
N05AH	0.125	Inf	0.41	Inf	0.820
N05AH02	NA	NA	NA	NA	NA
N05AH03	0.726	1.34	0.22	9.15	0.744
N05AH04	0.117	1.43	0.89	2.31	0.506
N05AH06	0.500	Inf	0.03	Inf	0.789
N05AL01	0.342	0.50	0.08	2.34	0.552
N05AL03	NA	NA	NA	NA	NA
N05AL05	NA	NA	NA	NA	NA
N05AN01	1.000	1.00	0.07	13.83	1.000
N05AX08	0.210	1.60	0.73	3.64	0.516
N05AX12	1.000	1.00	0.01	78.56	1.000
N05AX13	0.500	Inf	0.03	Inf	0.789
N05BA01	0.478	0.70	0.22	2.04	0.585
N05BA05	0.726	0.75	0.11	4.45	0.744
N05BA06	0.106	0.77	0.55	1.07	0.503
N05BA08	0.922	1.02	0.68	1.53	0.923
N05BA09	NA	NA	NA	NA	NA
N05BA10	0.500	Inf	0.03	Inf	0.789
N05BA12	0.108	0.28	0.03	1.50	0.557
N05BA14	NA	NA	NA	NA	NA
N05BA51	0.218	4.01	0.40	197.95	0.577
N05BB01	0.288	0.40	0.04	2.44	0.554
N05CD06	0.105	1.64	0.87	3.16	0.510
N05CD08	0.500	0.00	0.00	39.00	0.789
N05CD09	0.500	Inf	0.03	Inf	0.789
N05CD11	NA	NA	NA	NA	NA
N05CF01	NA	NA	NA	NA	NA
N05CF02	0.858	1.07	0.49	2.34	0.861
N05CM02	0.547	1.50	0.35	7.28	0.622
N06AA04	1.000	1.00	0.01	78.56	1.000
N06AA09	0.627	1.29	0.42	4.10	0.668
N06AB03	0.062	0.00	0.00	1.51	0.833
N06AB04	0.844	0.92	0.38	2.21	0.847
N06AB05	0.170	1.63	0.77	3.58	0.514
N06AB06	0.697	0.90	0.52	1.56	0.719
N06AB08	1.000	1.00	0.01	78.56	1.000
N06AB10	0.284	0.71	0.36	1.37	0.522
N06AX05	0.355	1.21	0.79	1.86	0.534
N06AX12	0.625	0.50	0.01	9.62	0.680
N06AX14	0.500	0.00	0.00	39.00	0.789
N06AX16	0.547	0.66	0.14	2.82	0.622
N06AX18	0.500	Inf	0.03	Inf	0.789
N06AX21	1.000	1.00	0.48	2.10	1.000
N06AX23	0.070	6.04	0.73	278.06	0.595

N06AX26	0.288	2.51	0.41	26.45	0.554
N06BX06	0.062	0.00	0.00	1.51	0.833
N06DA02	0.276	1.51	0.68	3.47	0.523
N06DA03	1.000	1.00	0.39	2.56	1.000
N06DA04	0.625	0.50	0.01	9.62	0.680
N06DX01	0.148	1.89	0.75	5.19	0.519
N06DX02	0.250	Inf	0.19	Inf	0.803
N07AA02	0.687	1.50	0.17	18.03	0.716
N07AX01	0.500	0.00	0.00	39.00	0.789
N07BA01	NA	NA	NA	NA	NA
N07BA03	0.500	Inf	0.03	Inf	0.789
N07BC02	NA	NA	NA	NA	NA
N07CA01	0.305	1.44	0.69	3.11	0.527
N07CA03	0.250	0.00	0.00	5.32	0.803
N07XX06	NA	NA	NA	NA	NA
P01AB01	0.500	0.00	0.00	39.00	0.789
P01AX06	0.500	0.00	0.00	39.00	0.789
P01BA01	0.250	0.00	0.00	5.32	0.803
P01BA02	0.422	1.61	0.46	6.27	0.565
P01BB51	NA	NA	NA	NA	NA
R01AC02	0.500	0.00	0.00	39.00	0.789
R01AC03	NA	NA	NA	NA	NA
R01AD	0.500	Inf	0.03	Inf	0.789
R01AD05	1.000	1.00	0.39	2.56	1.000
R01AD08	0.500	Inf	0.03	Inf	0.789
R01AD09	0.207	0.57	0.20	1.46	0.521
R01AD11	0.500	Inf	0.03	Inf	0.789
R01AD12	0.698	0.85	0.36	2.01	0.720
R01AD58	NA	NA	NA	NA	NA
R01AX03	0.500	Inf	0.03	Inf	0.789
R02AA52	NA	NA	NA	NA	NA
R03AC03	0.342	0.50	0.08	2.34	0.552
R03AC12	0.250	0.00	0.00	5.32	0.803
R03AC13	0.500	0.00	0.00	39.00	0.789
R03AC18	0.687	0.67	0.06	5.83	0.716
R03AK	0.283	0.61	0.22	1.60	0.528
R03AK06	0.372	1.39	0.64	3.12	0.543
R03AK08	0.062	0.43	0.15	1.12	0.525
R03AK10	0.831	0.91	0.34	2.37	0.835
R03AK11	1.000	1.00	0.07	13.83	1.000
R03AL02	0.288	2.51	0.41	26.45	0.554
R03AL03	0.452	2.00	0.29	22.23	0.588
R03AL04	0.084	1.76	0.89	3.61	0.513
R03AL05	0.452	0.50	0.04	3.49	0.588
R03AL06	0.330	1.68	0.55	5.64	0.539
R03AL08	0.125	0.00	0.00	2.42	0.820

R03AL09	0.062	0.00	0.00	1.51	0.833
R03BA02	0.554	0.78	0.32	1.87	0.621
R03BA05	0.625	2.00	0.10	118.26	0.680
R03BA08	NA	NA	NA	NA	NA
R03BB04	0.091	0.64	0.36	1.11	0.508
R03BB05	0.164	2.02	0.70	6.59	0.524
R03BB06	0.452	0.50	0.04	3.49	0.588
R03BB07	0.500	Inf	0.03	Inf	0.789
R03DA04	NA	NA	NA	NA	NA
R03DC03	0.299	0.55	0.14	1.85	0.536
R03DX07	1.000	1.00	0.01	78.56	1.000
R05CB01	0.113	0.46	0.14	1.30	0.525
R05CB03	0.726	1.34	0.22	9.15	0.744
R05CB06	1.000	1.00	0.01	78.56	1.000
R05CB10	NA	NA	NA	NA	NA
R05DA04	0.179	0.33	0.03	1.86	0.551
R05DA09	0.500	0.00	0.00	39.00	0.789
R05DB21	1.000	1.00	0.01	78.56	1.000
R05FA02	0.500	Inf	0.03	Inf	0.789
R06AA59	NA	NA	NA	NA	NA
R06AB02	0.478	1.43	0.49	4.47	0.585
R06AD07	NA	NA	NA	NA	NA
R06AE07	0.091	0.46	0.16	1.21	0.523
R06AE09	1.000	1.00	0.01	78.56	1.000
R06AE57	NA	NA	NA	NA	NA
R06AE92	0.500	0.00	0.00	39.00	0.789
R06AX22	0.879	1.05	0.54	2.03	0.880
R06AX26	1.000	1.00	0.01	78.56	1.000
R06AX27	0.125	Inf	0.41	Inf	0.820
R06AX28	1.000	1.00	0.01	78.56	1.000
R06AX29	0.838	1.09	0.44	2.75	0.841
S01AA04	0.500	Inf	0.03	Inf	0.789
S01AA12	1.000	1.00	0.13	7.49	1.000
S01AA30	NA	NA	NA	NA	NA
S01AE01	0.250	Inf	0.19	Inf	0.803
S01AE07	0.500	0.00	0.00	39.00	0.789
S01BA01	0.124	5.02	0.56	237.95	0.585
S01BA02	NA	NA	NA	NA	NA
S01BA04	0.500	Inf	0.03	Inf	0.789
S01BA07	0.250	Inf	0.19	Inf	0.803
S01BA13	0.500	Inf	0.03	Inf	0.789
S01BC03	NA	NA	NA	NA	NA
S01BC05	1.000	1.00	0.01	78.56	1.000
S01CA01	1.000	1.00	0.19	5.39	1.000
S01EA05	0.031	Inf	0.92	Inf	0.844
S01EC01	0.500	Inf	0.03	Inf	0.789

S01EC03	0.500	Inf	0.03	Inf	0.789
S01EC04	0.579	0.71	0.18	2.62	0.639
S01EC54	0.452	0.50	0.04	3.49	0.588
S01ED01	1.000	1.00	0.19	5.39	1.000
S01ED05	NA	NA	NA	NA	NA
S01ED51	0.177	0.66	0.34	1.25	0.511
S01EE01	0.357	0.70	0.30	1.57	0.539
S01EE03	0.813	0.89	0.30	2.61	0.819
S01EE04	0.452	0.50	0.04	3.49	0.588
S01EE05	NA	NA	NA	NA	NA
S01FA01	0.500	Inf	0.03	Inf	0.789
S01FA06	0.500	0.00	0.00	39.00	0.789
S01GX01	NA	NA	NA	NA	NA
S01GX02	0.579	0.71	0.18	2.62	0.639
S01GX04	1.000	1.00	0.01	78.56	1.000
S01GX07	0.452	2.00	0.29	22.23	0.588
S01GX08	1.000	1.00	0.07	13.83	1.000
S01GX09	0.500	0.00	0.00	39.00	0.789
S01GX10	NA	NA	NA	NA	NA
S01XA03	NA	NA	NA	NA	NA
S01XA20	0.218	0.25	0.01	2.53	0.577
S02AA15	0.500	0.00	0.00	39.00	0.789
S02BA08	0.500	Inf	0.03	Inf	0.789
S02CA05	1.000	1.00	0.01	78.56	1.000
S02CA06	0.250	0.00	0.00	5.32	0.803
S03CA01	0.500	Inf	0.03	Inf	0.789
S03CA04	0.753	0.80	0.16	3.73	0.766
V03AE01	0.386	1.76	0.44	8.22	0.557
V03AE02	1.000	1.00	0.19	5.39	1.000
V03AE03	0.625	0.50	0.01	9.62	0.680
V03AE05	0.374	0.33	0.01	4.15	0.586
V03AE07	0.125	0.00	0.00	2.42	0.820
V03AF03	0.374	0.33	0.01	4.15	0.586
V03AF04	NA	NA	NA	NA	NA

INF. INFINITE; NA. NO ANSWER; OR. ODDS RATIO; P. VALUE. STATISTICAL SIGNIFICANCE

Table S2 Propensity score matching analysis of Subgroup of ATC. Lower and upper limits of the 95% confidence interval for the Odds Ratio.

ATC CODE	DRUG P.VALUE	OR	LOWER LIMIT 95% CI	UPPER LIMIT 95% CI	POWER
A01AB	1.000	1.00	0.01	78.56	1.000
A01AC	0.250	0.00	0.00	5.32	0.803
A02AD	0.500	Inf	0.03	Inf	0.789
A02AH	0.500	0.00	0.00	39.00	0.789
A02BA	0.803	1.14	0.36	3.73	0.809
A02BC	0.257	1.13	0.91	1.41	0.512
A02BD	NA	NA	NA	NA	NA
A02BX	1.000	1.00	0.01	78.56	1.000
A03AA	0.726	1.34	0.22	9.15	0.744
A03AB	0.500	0.00	0.00	39.00	0.789
A03AX	0.125	Inf	0.41	Inf	0.820
A03BB	0.124	0.20	0.00	1.79	0.585
A03FA	0.730	0.92	0.57	1.49	0.745
A04AD	0.753	0.80	0.16	3.73	0.766
A05AA	0.048	0.33	0.08	1.09	0.541
A06AA	0.374	0.33	0.01	4.15	0.586
A06AB	0.250	0.00	0.00	5.32	0.803
A06AC	0.547	0.66	0.14	2.82	0.622
A06AD	0.767	0.91	0.48	1.72	0.777
A06AG	0.250	0.00	0.00	5.32	0.803
A06AX	NA	NA	NA	NA	NA
A07AA	0.661	0.82	0.30	2.18	0.692
A07CA	<0.001	0.15	0.03	0.53	0.591
A07DA	1.000	1.00	0.01	78.56	1.000
A07EA	NA	NA	NA	NA	NA
A07EC	1.000	1.00	0.19	5.39	1.000
A07FA	NA	NA	NA	NA	NA
A07XA	1.000	1.00	0.01	78.56	1.000
A09AA	1.000	1.00	0.13	7.49	1.000
A10AB	0.029	2.04	1.03	4.24	0.517
A10AC	0.500	0.00	0.00	39.00	0.789
A10AD	0.288	2.51	0.41	26.45	0.554
A10AE	0.337	1.23	0.79	1.93	0.530
A10BA	0.304	0.82	0.56	1.21	0.522
A10BB	0.164	2.02	0.70	6.59	0.524
A10BD	0.736	1.08	0.68	1.73	0.750
A10BF	NA	NA	NA	NA	NA
A10BH	0.397	1.23	0.74	2.06	0.548
A10BJ	1.000	1.00	0.13	7.49	1.000
A10BK	0.091	2.17	0.83	6.33	0.523
A10BX	1.000	1.00	0.42	2.36	1.000
A11CA	0.250	Inf	0.19	Inf	0.803

A11CC	0.953	1.01	0.79	1.28	0.953
A11DA	0.625	2.00	0.10	118.26	0.680
A11DB	0.250	0.00	0.00	5.32	0.803
A11EX	NA	NA	NA	NA	NA
A11GA	0.500	0.00	0.00	39.00	0.789
A11HA	1.000	1.00	0.13	7.49	1.000
A12AA	0.356	0.63	0.21	1.80	0.543
A12AX	0.615	0.92	0.65	1.30	0.658
A12BA	0.547	1.50	0.35	7.28	0.622
A12CC	0.687	0.67	0.06	5.83	0.716
A12CX	0.250	Inf	0.19	Inf	0.803
A15ZZ	0.500	Inf	0.03	Inf	0.789
B01AA	0.094	1.37	0.93	2.03	0.504
B01AB	<0.001	0.12	0.07	0.20	<0.001
B01AC	0.070	1.25	0.97	1.62	0.502
B01AD	0.500	0.00	0.00	39.00	0.789
B01AE	1.000	1.00	0.27	3.76	1.000
B01AF	0.835	1.04	0.68	1.61	0.838
B01AX	NA	NA	NA	NA	NA
B02AA	0.500	Inf	0.03	Inf	0.789
B03AA	0.249	1.28	0.83	1.98	0.514
B03AB	0.838	1.09	0.44	2.75	0.841
B03BA	0.210	1.34	0.83	2.17	0.510
B03BB	0.001	2.32	1.36	4.08	0.520
B05BB	0.250	0.00	0.00	5.32	0.803
C01AA	0.011	3.81	1.20	15.84	0.553
C01BC	1.000	1.00	0.13	7.49	1.000
C01BD	1.000	1.00	0.19	5.39	1.000
C01CA	0.500	Inf	0.03	Inf	0.789
C01DA	0.815	0.95	0.58	1.54	0.820
C01EB	0.538	1.31	0.52	3.35	0.612
C02AC	0.500	Inf	0.03	Inf	0.789
C02CA	0.177	1.52	0.80	2.96	0.511
C02DB	0.500	0.00	0.00	39.00	0.789
C02DC	NA	NA	NA	NA	NA
C03AA	0.698	1.17	0.50	2.79	0.720
C03BA	0.698	1.17	0.50	2.79	0.720
C03CA	0.168	1.21	0.91	1.60	0.504
C03DA	0.459	1.20	0.72	2.03	0.571
C03EA	0.646	1.25	0.44	3.68	0.681
C04AD	0.208	2.01	0.62	7.55	0.528
C05AA	NA	NA	NA	NA	NA
C05AE	0.125	0.00	0.00	2.42	0.820
C05AX	0.500	0.00	0.00	39.00	0.789
C05BX	0.500	0.00	0.00	39.00	0.789
C05CA	0.125	0.00	0.00	2.42	0.820

C07AA	0.605	0.75	0.21	2.47	0.654
C07AB	0.773	1.04	0.78	1.40	0.782
C07AG	0.058	1.70	0.95	3.11	0.510
C07BB	NA	NA	NA	NA	NA
C07CB	0.250	Inf	0.19	Inf	0.803
C08CA	0.812	0.96	0.70	1.33	0.817
C08DA	0.687	0.67	0.06	5.83	0.716
C08DB	0.386	1.76	0.44	8.22	0.557
C09AA	0.209	0.84	0.63	1.11	0.507
C09BA	0.032	1.64	1.02	2.68	0.508
C09BB	1.000	1.00	0.23	4.37	1.000
C09CA	0.656	1.08	0.75	1.56	0.687
C09DA	0.536	0.88	0.57	1.35	0.608
C09DB	0.661	0.82	0.30	2.18	0.692
C09DX	0.399	1.34	0.65	2.85	0.550
C09XA	0.625	2.00	0.10	118.26	0.680
C10AA	0.013	1.32	1.05	1.65	0.502
C10AB	0.323	1.51	0.63	3.79	0.533
C10AC	1.000	1.00	0.13	7.49	1.000
C10AX	0.613	1.19	0.58	2.50	0.657
C10BA	0.050	0.54	0.27	1.04	0.513
C10BX	0.031	Inf	0.92	Inf	0.844
D01AC	0.863	0.94	0.44	2.00	0.865
D01AE	0.757	0.91	0.46	1.76	0.769
D01BA	NA	NA	NA	NA	NA
D03BA	0.374	3.01	0.24	158.05	0.586
D05AX	0.034	3.71	0.97	20.78	0.554
D05BB	0.250	Inf	0.19	Inf	0.803
D05BX	NA	NA	NA	NA	NA
D06AX	0.117	0.40	0.09	1.38	0.534
D06BA	0.062	Inf	0.66	Inf	0.833
D06BB	NA	NA	NA	NA	NA
D06BX	1.000	1.00	0.01	78.56	1.000
D07AA	0.625	0.50	0.01	9.62	0.680
D07AB	1.000	1.00	0.01	78.56	1.000
D07AC	0.258	0.77	0.48	1.24	0.515
D07AD	0.554	0.78	0.32	1.87	0.621
D07CA	NA	NA	NA	NA	NA
D07CB	NA	NA	NA	NA	NA
D07CC	0.500	Inf	0.03	Inf	0.789
D07XC	0.625	0.50	0.01	9.62	0.680
D09AA	0.500	Inf	0.03	Inf	0.789
D10AF	1.000	1.00	0.01	78.56	1.000
D10BA	NA	NA	NA	NA	NA
D11AH	0.627	0.78	0.24	2.36	0.668
D11AX	1.000	1.00	0.19	5.39	1.000

G01AC	NA	NA	NA	NA	NA
G01AF	0.124	0.20	0.00	1.79	0.585
G02BB	NA	NA	NA	NA	NA
G02CB	NA	NA	NA	NA	NA
G02CC	NA	NA	NA	NA	NA
G03AA	NA	NA	NA	NA	NA
G03AB	NA	NA	NA	NA	NA
G03AC	NA	NA	NA	NA	NA
G03AD	NA	NA	NA	NA	NA
G03BA	0.500	Inf	0.03	Inf	0.789
G03CA	NA	NA	NA	NA	NA
G03CX	NA	NA	NA	NA	NA
G03DA	NA	NA	NA	NA	NA
G03DC	NA	NA	NA	NA	NA
G03FB	NA	NA	NA	NA	NA
G03HA	0.500	Inf	0.03	Inf	0.789
G03HB	NA	NA	NA	NA	NA
G03XC	NA	NA	NA	NA	NA
G04BC	0.500	Inf	0.03	Inf	0.789
G04BD	0.245	1.42	0.76	2.68	0.516
G04BE	0.374	0.33	0.01	4.15	0.586
G04CA	0.136	1.24	0.93	1.66	0.503
G04CB	0.774	1.20	0.30	5.00	0.783
G04CX	0.131	2.02	0.76	5.95	0.522
H01BA	NA	NA	NA	NA	NA
H01CB	0.500	0.00	0.00	39.00	0.789
H02AA	1.000	1.00	0.01	78.56	1.000
H02AB	0.429	1.17	0.78	1.77	0.558
H03AA	0.227	0.81	0.57	1.16	0.510
H03BB	0.726	1.34	0.22	9.15	0.744
H03CA	NA	NA	NA	NA	NA
H04AA	0.726	1.34	0.22	9.15	0.744
H05AA	0.625	2.00	0.10	118.26	0.680
H05BA	NA	NA	NA	NA	NA
H05BX	0.507	1.67	0.32	10.80	0.604
J01AA	0.250	0.00	0.00	5.32	0.803
J01CA	0.858	0.94	0.43	2.04	0.861
J01CE	NA	NA	NA	NA	NA
J01CF	0.218	0.25	0.01	2.53	0.577
J01CR	0.074	0.58	0.29	1.10	0.512
J01DB	0.500	0.00	0.00	39.00	0.789
J01DC	0.011	0.26	0.06	0.83	0.553
J01DD	0.844	0.92	0.38	2.21	0.847
J01EE	0.605	1.34	0.40	4.70	0.654
J01FA	0.001	0.44	0.25	0.75	0.519
J01FF	1.000	1.00	0.07	13.83	1.000

J01GB	0.500	0.00	0.00	39.00	0.789
J01MA	0.039	0.62	0.37	1.00	0.508
J01XE	0.726	1.34	0.22	9.15	0.744
J01XX	0.646	0.87	0.45	1.67	0.680
J02AC	0.288	0.40	0.04	2.44	0.554
J04AB	NA	NA	NA	NA	NA
J04AC	NA	NA	NA	NA	NA
J05AB	0.753	0.80	0.16	3.73	0.766
J05AH	0.500	0.00	0.00	39.00	0.789
L01BA	1.000	1.00	0.01	78.56	1.000
L01BC	0.625	0.50	0.01	9.62	0.680
L01XX	0.625	0.50	0.01	9.62	0.680
L02AB	1.000	1.00	0.01	78.56	1.000
L02AE	0.131	0.50	0.17	1.32	0.522
L02BA	1.000	1.00	0.01	78.56	1.000
L02BB	1.000	1.00	0.07	13.83	1.000
L02BG	1.000	1.00	0.19	5.39	1.000
L04AA	0.386	1.76	0.44	8.22	0.557
L04AD	0.039	7.05	0.90	318.27	0.604
L04AX	0.148	1.89	0.75	5.19	0.519
M01AB	1.000	1.00	0.13	7.49	1.000
M01AC	0.250	0.00	0.00	5.32	0.803
M01AE	0.096	0.67	0.40	1.10	0.507
M01AG	NA	NA	NA	NA	NA
M01AH	0.342	2.01	0.43	12.46	0.552
M01AX	0.030	0.30	0.07	0.99	0.545
M01CX	0.250	0.00	0.00	5.32	0.803
M02AA	0.500	0.00	0.00	39.00	0.789
M03BA	0.500	Inf	0.03	Inf	0.789
M03BX	0.145	0.37	0.06	1.56	0.540
M04AA	0.018	1.46	1.06	2.03	0.504
M04AC	0.208	0.50	0.13	1.60	0.528
M05BA	1.000	1.00	0.44	2.28	1.000
M05BB	0.625	2.00	0.10	118.26	0.680
M05BX	0.866	1.06	0.51	2.21	0.868
N01BA	NA	NA	NA	NA	NA
N01BB	1.000	1.00	0.19	5.39	1.000
N01BX	0.452	2.00	0.29	22.23	0.588
N02AA	0.113	2.19	0.77	7.06	0.525
N02AB	0.050	2.28	0.94	6.11	0.524
N02AE	0.374	0.33	0.01	4.15	0.586
N02AJ	0.056	0.70	0.48	1.02	0.504
N02AX	0.886	1.04	0.57	1.93	0.887
N02BA	0.500	Inf	0.03	Inf	0.789
N02BB	0.806	1.03	0.80	1.32	0.812
N02BE	0.448	1.09	0.87	1.35	0.565

N02BG	0.500	0.00	0.00	39.00	0.789
N02CA	0.625	0.50	0.01	9.62	0.680
N02CC	0.374	0.33	0.01	4.15	0.586
N03AA	0.452	2.00	0.29	22.23	0.588
N03AB	1.000	1.00	0.07	13.83	1.000
N03AE	0.708	1.16	0.51	2.66	0.728
N03AF	0.687	1.50	0.17	18.03	0.716
N03AG	0.507	0.60	0.09	3.09	0.604
N03AX	0.144	1.31	0.90	1.91	0.505
N04AA	1.000	1.00	0.07	13.83	1.000
N04BA	0.553	1.20	0.64	2.27	0.620
N04BB	1.000	1.00	0.01	78.56	1.000
N04BC	0.141	0.45	0.12	1.42	0.528
N04BD	0.356	1.58	0.56	4.84	0.543
N05AA	0.250	Inf	0.19	Inf	0.803
N05AD	0.790	0.86	0.24	2.99	0.797
N05AF	0.500	0.00	0.00	39.00	0.789
N05AG	NA	NA	NA	NA	NA
N05AH	0.105	1.43	0.91	2.26	0.506
N05AL	0.342	0.50	0.08	2.34	0.552
N05AN	1.000	1.00	0.07	13.83	1.000
N05AX	0.170	1.63	0.77	3.58	0.514
N05BA	0.195	0.85	0.65	1.10	0.506
N05BB	0.288	0.40	0.04	2.44	0.554
N05CD	0.080	1.70	0.91	3.27	0.511
N05CF	0.858	1.07	0.49	2.34	0.861
N05CM	0.547	1.50	0.35	7.28	0.622
N06AA	0.646	1.25	0.44	3.68	0.681
N06AB	0.567	0.91	0.65	1.27	0.626
N06AX	0.015	1.44	1.06	1.95	0.504
N06BX	0.062	0.00	0.00	1.51	0.833
N06DA	0.496	1.21	0.68	2.17	0.588
N06DX	0.073	2.15	0.87	5.80	0.522
N07AA	0.687	1.50	0.17	18.03	0.716
N07AX	0.500	0.00	0.00	39.00	0.789
N07BA	0.500	Inf	0.03	Inf	0.789
N07BC	NA	NA	NA	NA	NA
N07CA	0.506	1.26	0.61	2.62	0.594
N07XX	NA	NA	NA	NA	NA
P01AB	0.500	0.00	0.00	39.00	0.789
P01AX	0.500	0.00	0.00	39.00	0.789
P01BA	0.605	1.34	0.40	4.70	0.654
P01BB	NA	NA	NA	NA	NA
R01AC	0.500	0.00	0.00	39.00	0.789
R01AD	0.546	0.86	0.52	1.43	0.614
R01AX	0.500	Inf	0.03	Inf	0.789

R02AA	NA	NA	NA	NA	NA
R03AC	0.010	0.57	0.36	0.90	0.510
R03AK	0.023	0.68	0.48	0.96	0.505
R03AL	0.247	1.31	0.81	2.15	0.514
R03BA	0.708	0.86	0.38	1.96	0.728
R03BB	0.023	0.67	0.46	0.96	0.505
R03DA	0.015	0.00	0.00	0.85	0.853
R03DC	0.299	0.55	0.14	1.85	0.536
R03DX	1.000	1.00	0.01	78.56	1.000
R05CB	0.181	0.58	0.24	1.36	0.517
R05DA	0.108	0.28	0.03	1.50	0.557
R05DB	1.000	1.00	0.01	78.56	1.000
R05FA	0.500	Inf	0.03	Inf	0.789
R06AA	NA	NA	NA	NA	NA
R06AB	0.478	1.43	0.49	4.47	0.585
R06AD	NA	NA	NA	NA	NA
R06AE	0.073	0.46	0.17	1.15	0.522
R06AX	0.655	0.90	0.57	1.44	0.686
S01AA	0.726	1.34	0.22	9.15	0.744
S01AE	0.625	2.00	0.10	118.26	0.680
S01BA	0.039	7.05	0.90	318.27	0.604
S01BC	1.000	1.00	0.01	78.56	1.000
S01CA	1.000	1.00	0.19	5.39	1.000
S01EA	0.031	Inf	0.92	Inf	0.844
S01EC	0.823	0.90	0.32	2.48	0.827
S01ED	0.263	0.72	0.39	1.31	0.518
S01EE	0.263	0.72	0.39	1.31	0.518
S01FA	1.000	1.00	0.01	78.56	1.000
S01GX	0.844	0.92	0.38	2.21	0.847
S01XA	0.218	0.25	0.01	2.53	0.577
S02AA	0.500	0.00	0.00	39.00	0.789
S02BA	0.500	Inf	0.03	Inf	0.789
S02CA	0.625	0.50	0.01	9.62	0.680
S03CA	1.000	1.00	0.23	4.37	1.000
V03AE	1.000	1.00	0.39	2.56	1.000
V03AF	0.374	0.33	0.01	4.15	0.586
INF. INFINITE; NA. NO ANSWER; OR. ODDS RATIO; P. VALUE. STATISTICAL SIGNIFICANCE					

Table S3 Propensity score matching analysis of the main therapeutic group. Lower and upper limits of the 95% confidence interval for the Odds Ratio.

ATC CODE	DRUG P.VALUE	OR	LOWER LIMIT 95% CI	UPPER LIMIT 95% CI	POWER
A01	0.374	0.33	0.01	4.15	0.586
A02	0.234	1.14	0.91	1.41	0.509
A03	0.594	0.89	0.57	1.39	0.644
A04	0.753	0.80	0.16	3.73	0.766
A05	0.048	0.33	0.08	1.09	0.541
A06	0.302	0.76	0.44	1.31	0.523
A07	0.033	0.53	0.28	0.99	0.513
A09	1.000	1.00	0.13	7.49	1.000
A10	0.255	1.16	0.89	1.49	0.512
A11	1.000	1.00	0.79	1.27	1.000
A12	0.531	0.91	0.66	1.25	0.606
A15	0.500	Inf	0.03	Inf	0.789
B01	0.160	0.86	0.69	1.07	0.503
B02	0.500	Inf	0.03	Inf	0.789
B03	<0.001	1.68	1.25	2.26	0.507
B05	0.250	0.00	0.00	5.32	0.803
C01	0.169	1.31	0.88	1.98	0.506
C02	0.137	1.58	0.83	3.06	0.510
C03	0.264	1.15	0.89	1.48	0.514
C04	0.208	2.01	0.62	7.55	0.528
C05	0.004	0.00	0.00	0.58	0.868
C07	0.242	1.17	0.89	1.52	0.511
C08	0.939	0.99	0.72	1.35	0.939
C09	0.828	1.02	0.82	1.27	0.832
C10	0.082	1.21	0.97	1.50	0.501
D01	0.810	0.94	0.57	1.56	0.816
D03	0.374	3.01	0.24	158.05	0.586
D05	0.034	3.71	0.97	20.78	0.554
D06	0.661	0.82	0.30	2.18	0.692
D07	0.270	0.80	0.53	1.21	0.516
D09	0.500	Inf	0.03	Inf	0.789
D10	1.000	1.00	0.01	78.56	1.000
D11	0.838	0.92	0.36	2.28	0.841
G01	0.124	0.20	0.00	1.79	0.585
G02	NA	NA	NA	NA	NA
G03	0.250	Inf	0.19	Inf	0.803
G04	0.100	1.24	0.95	1.62	0.502
H01	0.500	0.00	0.00	39.00	0.789
H02	0.375	1.19	0.79	1.80	0.540
H03	0.272	0.83	0.58	1.17	0.516
H04	0.726	1.34	0.22	9.15	0.744

H05	0.386	1.76	0.44	8.22	0.557
J01	<0.001	0.53	0.40	0.70	0.510
J02	0.288	0.40	0.04	2.44	0.554
J04	NA	NA	NA	NA	NA
J05	0.547	0.66	0.14	2.82	0.622
L01	0.507	0.60	0.09	3.09	0.604
L02	0.224	0.64	0.29	1.37	0.517
L04	0.095	1.80	0.86	3.89	0.514
M01	0.050	0.66	0.43	1.02	0.506
M02	0.500	0.00	0.00	39.00	0.789
M03	0.265	0.50	0.11	1.87	0.536
M04	0.015	1.47	1.06	2.03	0.504
M05	0.800	1.07	0.63	1.83	0.806
N01	0.605	1.34	0.40	4.70	0.654
N02	0.824	1.03	0.82	1.28	0.828
N03	0.162	1.26	0.90	1.77	0.505
N04	0.697	1.11	0.64	1.92	0.719
N05	0.955	0.99	0.79	1.25	0.955
N06	0.120	1.20	0.95	1.54	0.502
N07	0.444	1.27	0.66	2.48	0.566
P01	1.000	1.00	0.33	3.08	1.000
R01	0.551	0.87	0.52	1.43	0.617
R02	NA	NA	NA	NA	NA
R03	0.009	0.71	0.55	0.93	0.503
R05	0.103	0.57	0.27	1.17	0.513
R06	0.390	0.85	0.57	1.26	0.544
S01	0.144	0.78	0.54	1.10	0.504
S02	0.687	0.67	0.06	5.83	0.716
S03	1.000	1.00	0.23	4.37	1.000
V03	0.698	0.85	0.36	2.01	0.720
INF. INFINITE; NA. NO ANSWER; OR. ODDS RATIO; P. VALUE. STATISTICAL SIGNIFICANCE					