

Supplementary Table S1. Trends in the number of cases and age-standardized rates of schizophrenia by sex in China, 1990–2023

measure	location	sex	age	cause	metric	year	val	upper	lower
Incidence	China	Male	All ages	Schizophrenia	Number	1990	152989	182808	129743
Incidence	China	Male	All ages	Schizophrenia	Number	1991	155605	186341	131543
Incidence	China	Male	All ages	Schizophrenia	Number	1992	157577	188638	133193
Incidence	China	Male	All ages	Schizophrenia	Number	1993	159030	189988	133897
Incidence	China	Male	All ages	Schizophrenia	Number	1994	160073	191377	134279
Incidence	China	Male	All ages	Schizophrenia	Number	1995	160686	191552	134271
Incidence	China	Male	All ages	Schizophrenia	Number	1996	160946	191617	134393
Incidence	China	Male	All ages	Schizophrenia	Number	1997	161016	191412	134521
Incidence	China	Male	All ages	Schizophrenia	Number	1998	161216	191222	134796
Incidence	China	Male	All ages	Schizophrenia	Number	1999	161783	191401	135439
Incidence	China	Male	All ages	Schizophrenia	Number	2000	162712	192364	136583
Incidence	China	Male	All ages	Schizophrenia	Number	2001	163983	194001	138356
Incidence	China	Male	All ages	Schizophrenia	Number	2002	165470	195555	140039
Incidence	China	Male	All ages	Schizophrenia	Number	2003	167204	197258	141485
Incidence	China	Male	All ages	Schizophrenia	Number	2004	169219	200304	143090
Incidence	China	Male	All ages	Schizophrenia	Number	2005	171356	202117	145059
Incidence	China	Male	All ages	Schizophrenia	Number	2006	173482	203830	146750
Incidence	China	Male	All ages	Schizophrenia	Number	2007	175513	206279	149057
Incidence	China	Male	All ages	Schizophrenia	Number	2008	177388	207724	150960
Incidence	China	Male	All ages	Schizophrenia	Number	2009	178970	209410	152360
Incidence	China	Male	All ages	Schizophrenia	Number	2010	180220	211087	153221
Incidence	China	Male	All ages	Schizophrenia	Number	2011	180888	212173	153272
Incidence	China	Male	All ages	Schizophrenia	Number	2012	181021	212413	152679
Incidence	China	Male	All ages	Schizophrenia	Number	2013	180751	212582	152654
Incidence	China	Male	All ages	Schizophrenia	Number	2014	180108	212260	152563
Incidence	China	Male	All ages	Schizophrenia	Number	2015	179479	211013	152472
Incidence	China	Male	All ages	Schizophrenia	Number	2016	178858	210515	152511
Incidence	China	Male	All ages	Schizophrenia	Number	2017	178248	210000	152211
Incidence	China	Male	All ages	Schizophrenia	Number	2018	177666	209483	151874
Incidence	China	Male	All ages	Schizophrenia	Number	2019	177013	208926	151011
Incidence	China	Male	All ages	Schizophrenia	Number	2020	176459	208180	149994
Incidence	China	Male	All ages	Schizophrenia	Number	2021	175781	206777	149132
Incidence	China	Male	All ages	Schizophrenia	Number	2022	175196	205280	148200
Incidence	China	Male	All ages	Schizophrenia	Number	2023	174592	202989	147864
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	1990	22.783	26.979	19.222
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	1991	22.810	26.980	19.255
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	1992	22.833	26.987	19.284
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	1993	22.853	27.008	19.310
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	1994	22.870	27.019	19.328
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	1995	22.883	27.023	19.344
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	1996	22.883	26.963	19.339
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	1997	22.872	26.929	19.325
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	1998	22.860	26.922	19.310
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	1999	22.852	26.917	19.291
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	2000	22.855	26.921	19.265
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	2001	22.866	26.930	19.292
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	2002	22.884	26.948	19.317
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	2003	22.904	26.971	19.347
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	2004	22.922	26.988	19.371
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	2005	22.929	27.009	19.384

Incidence	China	Male	Age-standardized	Schizophrenia	Rate	2006	22.928	27.042	19.352
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	2007	22.925	27.069	19.353
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	2008	22.922	27.049	19.351
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	2009	22.918	26.994	19.352
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	2010	22.913	26.940	19.356
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	2011	22.900	26.967	19.321
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	2012	22.876	27.002	19.280
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	2013	22.850	27.037	19.237
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	2014	22.832	27.005	19.199
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	2015	22.827	27.024	19.175
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	2016	22.834	27.047	19.178
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	2017	22.841	27.079	19.181
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	2018	22.848	27.119	19.182
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	2019	22.855	27.152	19.204
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	2020	22.862	27.174	19.246
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	2021	22.845	27.191	19.263
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	2022	22.822	27.074	19.261
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	2023	22.774	26.927	19.210
Incidence	China	Female	All ages	Schizophrenia	Number	1990	115697	138931	97975
Incidence	China	Female	All ages	Schizophrenia	Number	1991	117233	141562	98669
Incidence	China	Female	All ages	Schizophrenia	Number	1992	118389	142782	99255
Incidence	China	Female	All ages	Schizophrenia	Number	1993	119326	144026	99991
Incidence	China	Female	All ages	Schizophrenia	Number	1994	120150	144863	100897
Incidence	China	Female	All ages	Schizophrenia	Number	1995	120846	145075	101656
Incidence	China	Female	All ages	Schizophrenia	Number	1996	121423	144744	101964
Incidence	China	Female	All ages	Schizophrenia	Number	1997	121971	145105	102294
Incidence	China	Female	All ages	Schizophrenia	Number	1998	122654	145563	102845
Incidence	China	Female	All ages	Schizophrenia	Number	1999	123608	146409	103643
Incidence	China	Female	All ages	Schizophrenia	Number	2000	124815	147664	104782
Incidence	China	Female	All ages	Schizophrenia	Number	2001	126232	148978	106304
Incidence	China	Female	All ages	Schizophrenia	Number	2002	127783	150875	107664
Incidence	China	Female	All ages	Schizophrenia	Number	2003	129485	153054	109172
Incidence	China	Female	All ages	Schizophrenia	Number	2004	131350	155430	110945
Incidence	China	Female	All ages	Schizophrenia	Number	2005	133273	157923	112845
Incidence	China	Female	All ages	Schizophrenia	Number	2006	135140	160007	114629
Incidence	China	Female	All ages	Schizophrenia	Number	2007	136867	161791	116337
Incidence	China	Female	All ages	Schizophrenia	Number	2008	138411	163336	117378
Incidence	China	Female	All ages	Schizophrenia	Number	2009	139662	164622	117924
Incidence	China	Female	All ages	Schizophrenia	Number	2010	140601	165575	118446
Incidence	China	Female	All ages	Schizophrenia	Number	2011	141055	165557	118846
Incidence	China	Female	All ages	Schizophrenia	Number	2012	141031	166301	118801
Incidence	China	Female	All ages	Schizophrenia	Number	2013	140618	165325	118824
Incidence	China	Female	All ages	Schizophrenia	Number	2014	139823	164824	117641
Incidence	China	Female	All ages	Schizophrenia	Number	2015	138940	164109	116370
Incidence	China	Female	All ages	Schizophrenia	Number	2016	138026	163092	115831
Incidence	China	Female	All ages	Schizophrenia	Number	2017	137149	161803	115135
Incidence	China	Female	All ages	Schizophrenia	Number	2018	136314	161028	114760
Incidence	China	Female	All ages	Schizophrenia	Number	2019	135413	159400	114169
Incidence	China	Female	All ages	Schizophrenia	Number	2020	134565	157905	113505
Incidence	China	Female	All ages	Schizophrenia	Number	2021	133622	156211	112939
Incidence	China	Female	All ages	Schizophrenia	Number	2022	132841	154498	112049
Incidence	China	Female	All ages	Schizophrenia	Number	2023	132520	155089	111395
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	1990	18.345	21.779	15.447
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	1991	18.367	21.754	15.459

Incidence	China	Female	Age-standardized	Schizophrenia	Rate	1992	18.386	21.732	15.470
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	1993	18.405	21.721	15.481
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	1994	18.423	21.711	15.515
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	1995	18.435	21.698	15.552
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	1996	18.442	21.723	15.527
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	1997	18.447	21.762	15.492
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	1998	18.453	21.822	15.504
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	1999	18.461	21.891	15.517
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	2000	18.470	21.930	15.526
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	2001	18.479	21.944	15.553
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	2002	18.486	21.923	15.577
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	2003	18.494	21.902	15.601
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	2004	18.499	21.884	15.622
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	2005	18.500	21.841	15.643
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	2006	18.494	21.848	15.615
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	2007	18.485	21.856	15.587
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	2008	18.476	21.867	15.559
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	2009	18.467	21.873	15.532
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	2010	18.459	21.888	15.504
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	2011	18.447	21.858	15.479
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	2012	18.428	21.830	15.466
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	2013	18.408	21.785	15.450
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	2014	18.392	21.728	15.437
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	2015	18.388	21.684	15.424
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	2016	18.396	21.753	15.444
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	2017	18.410	21.785	15.458
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	2018	18.425	21.785	15.469
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	2019	18.437	21.783	15.476
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	2020	18.444	21.793	15.480
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	2021	18.438	21.800	15.481
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	2022	18.430	21.775	15.503
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	2023	18.422	21.884	15.403
Prevalence	China	Male	All ages	Schizophrenia	Number	1990	1926496	2282654	1592841
Prevalence	China	Male	All ages	Schizophrenia	Number	1991	1981431	2344891	1635878
Prevalence	China	Male	All ages	Schizophrenia	Number	1992	2032456	2403087	1679751
Prevalence	China	Male	All ages	Schizophrenia	Number	1993	2079638	2457764	1724860
Prevalence	China	Male	All ages	Schizophrenia	Number	1994	2122334	2509672	1766827
Prevalence	China	Male	All ages	Schizophrenia	Number	1995	2160332	2557229	1803643
Prevalence	China	Male	All ages	Schizophrenia	Number	1996	2193614	2600734	1831544
Prevalence	China	Male	All ages	Schizophrenia	Number	1997	2223505	2640083	1856484
Prevalence	China	Male	All ages	Schizophrenia	Number	1998	2252272	2678007	1878839
Prevalence	China	Male	All ages	Schizophrenia	Number	1999	2281190	2717342	1903264
Prevalence	China	Male	All ages	Schizophrenia	Number	2000	2311361	2751228	1928777
Prevalence	China	Male	All ages	Schizophrenia	Number	2001	2343398	2788550	1962076
Prevalence	China	Male	All ages	Schizophrenia	Number	2002	2376994	2828723	1985401
Prevalence	China	Male	All ages	Schizophrenia	Number	2003	2412723	2872481	2011163
Prevalence	China	Male	All ages	Schizophrenia	Number	2004	2450228	2918740	2046763
Prevalence	China	Male	All ages	Schizophrenia	Number	2005	2488669	2966975	2082678
Prevalence	China	Male	All ages	Schizophrenia	Number	2006	2527488	3006837	2117717
Prevalence	China	Male	All ages	Schizophrenia	Number	2007	2566872	3042175	2152233
Prevalence	China	Male	All ages	Schizophrenia	Number	2008	2606975	3084348	2186837
Prevalence	China	Male	All ages	Schizophrenia	Number	2009	2646937	3126886	2221848
Prevalence	China	Male	All ages	Schizophrenia	Number	2010	2685318	3168804	2255110
Prevalence	China	Male	All ages	Schizophrenia	Number	2011	2720337	3210510	2283505

Prevalence	China	Male	All ages	Schizophrenia	Number	2012	2752687	3251321	2309583
Prevalence	China	Male	All ages	Schizophrenia	Number	2013	2783095	3287351	2332884
Prevalence	China	Male	All ages	Schizophrenia	Number	2014	2810752	3312978	2351190
Prevalence	China	Male	All ages	Schizophrenia	Number	2015	2835894	3338331	2366154
Prevalence	China	Male	All ages	Schizophrenia	Number	2016	2856528	3358483	2378655
Prevalence	China	Male	All ages	Schizophrenia	Number	2017	2873329	3380032	2388218
Prevalence	China	Male	All ages	Schizophrenia	Number	2018	2888065	3403633	2399734
Prevalence	China	Male	All ages	Schizophrenia	Number	2019	2900956	3429527	2413092
Prevalence	China	Male	All ages	Schizophrenia	Number	2020	2913669	3444651	2426639
Prevalence	China	Male	All ages	Schizophrenia	Number	2021	2921516	3443953	2432274
Prevalence	China	Male	All ages	Schizophrenia	Number	2022	2925836	3443044	2435781
Prevalence	China	Male	All ages	Schizophrenia	Number	2023	2925661	3441426	2451025
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	1990	322.433	380.645	269.453
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	1991	322.904	380.811	270.501
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	1992	323.303	381.536	270.770
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	1993	323.627	382.452	270.935
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	1994	323.877	383.261	271.443
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	1995	324.045	383.920	272.012
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	1996	324.048	383.431	271.831
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	1997	323.873	382.832	272.005
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	1998	323.639	382.663	272.370
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	1999	323.447	382.586	272.745
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	2000	323.395	382.342	272.976
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	2001	323.484	382.892	272.459
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	2002	323.641	382.999	271.681
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	2003	323.839	383.382	270.943
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	2004	324.027	383.699	270.535
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	2005	324.153	383.824	270.449
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	2006	324.276	383.504	270.728
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	2007	324.474	383.040	271.418
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	2008	324.714	382.677	272.481
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	2009	324.937	382.383	272.900
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	2010	325.084	382.251	272.918
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	2011	325.189	382.583	272.734
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	2012	325.324	382.987	272.515
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	2013	325.476	383.428	272.284
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	2014	325.617	383.960	272.215
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	2015	325.714	384.524	272.062
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	2016	325.752	384.931	271.968
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	2017	325.746	385.694	272.008
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	2018	325.718	385.742	271.891
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	2019	325.685	385.593	271.921
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	2020	325.664	385.403	271.931
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	2021	325.465	385.099	271.993
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	2022	325.196	383.589	272.202
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	2023	324.399	383.474	272.297
Prevalence	China	Female	All ages	Schizophrenia	Number	1990	1544462	1844258	1278400
Prevalence	China	Female	All ages	Schizophrenia	Number	1991	1584088	1888904	1312980
Prevalence	China	Female	All ages	Schizophrenia	Number	1992	1621608	1931045	1346171
Prevalence	China	Female	All ages	Schizophrenia	Number	1993	1657552	1971706	1377249
Prevalence	China	Female	All ages	Schizophrenia	Number	1994	1691855	2011717	1407396
Prevalence	China	Female	All ages	Schizophrenia	Number	1995	1724187	2054639	1435704
Prevalence	China	Female	All ages	Schizophrenia	Number	1996	1755578	2090121	1464790
Prevalence	China	Female	All ages	Schizophrenia	Number	1997	1787129	2127537	1489492

Prevalence	China	Female	All ages	Schizophrenia	Number	1998	1819285	2168670	1514736
Prevalence	China	Female	All ages	Schizophrenia	Number	1999	1851727	2210434	1540905
Prevalence	China	Female	All ages	Schizophrenia	Number	2000	1883670	2252248	1569190
Prevalence	China	Female	All ages	Schizophrenia	Number	2001	1915012	2286817	1597667
Prevalence	China	Female	All ages	Schizophrenia	Number	2002	1946703	2326745	1628921
Prevalence	China	Female	All ages	Schizophrenia	Number	2003	1980028	2363777	1661919
Prevalence	China	Female	All ages	Schizophrenia	Number	2004	2015340	2403762	1696076
Prevalence	China	Female	All ages	Schizophrenia	Number	2005	2052255	2448257	1729556
Prevalence	China	Female	All ages	Schizophrenia	Number	2006	2090078	2488381	1761773
Prevalence	China	Female	All ages	Schizophrenia	Number	2007	2128448	2526818	1794586
Prevalence	China	Female	All ages	Schizophrenia	Number	2008	2167379	2566823	1826954
Prevalence	China	Female	All ages	Schizophrenia	Number	2009	2206092	2613836	1858357
Prevalence	China	Female	All ages	Schizophrenia	Number	2010	2243288	2654616	1887599
Prevalence	China	Female	All ages	Schizophrenia	Number	2011	2277541	2691477	1913207
Prevalence	China	Female	All ages	Schizophrenia	Number	2012	2309127	2729036	1933770
Prevalence	China	Female	All ages	Schizophrenia	Number	2013	2338397	2766870	1956206
Prevalence	China	Female	All ages	Schizophrenia	Number	2014	2364402	2798277	1977313
Prevalence	China	Female	All ages	Schizophrenia	Number	2015	2387153	2822624	1994288
Prevalence	China	Female	All ages	Schizophrenia	Number	2016	2405527	2843796	2007812
Prevalence	China	Female	All ages	Schizophrenia	Number	2017	2420512	2859450	2018873
Prevalence	China	Female	All ages	Schizophrenia	Number	2018	2433487	2870246	2035107
Prevalence	China	Female	All ages	Schizophrenia	Number	2019	2444346	2876252	2047032
Prevalence	China	Female	All ages	Schizophrenia	Number	2020	2454441	2885343	2061223
Prevalence	China	Female	All ages	Schizophrenia	Number	2021	2461988	2874308	2072788
Prevalence	China	Female	All ages	Schizophrenia	Number	2022	2467358	2873630	2076834
Prevalence	China	Female	All ages	Schizophrenia	Number	2023	2469230	2895939	2074473
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	1990	276.900	329.609	233.246
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	1991	276.949	330.097	233.467
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	1992	277.016	329.513	233.656
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	1993	277.099	328.983	233.586
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	1994	277.193	329.148	233.404
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	1995	277.272	329.193	233.221
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	1996	277.390	329.561	233.416
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	1997	277.583	330.148	233.422
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	1998	277.811	330.541	233.881
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	1999	278.016	329.586	233.903
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	2000	278.129	329.633	233.740
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	2001	278.117	329.104	234.313
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	2002	278.031	329.709	234.771
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	2003	277.936	330.772	234.836
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	2004	277.869	331.258	234.610
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	2005	277.855	331.348	234.300
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	2006	277.931	331.456	234.350
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	2007	278.091	330.832	234.487
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	2008	278.306	330.286	234.606
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	2009	278.519	330.036	234.629
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	2010	278.659	330.500	234.600
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	2011	278.748	330.958	234.586
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	2012	278.848	331.170	234.558
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	2013	278.958	331.528	234.462
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	2014	279.064	331.651	234.348
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	2015	279.138	331.711	234.358
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	2016	279.193	331.770	234.141
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	2017	279.248	331.822	233.996

Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	2018	279.299	331.442	233.968
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	2019	279.342	331.154	233.951
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	2020	279.366	330.972	233.902
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	2021	279.366	331.567	233.614
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	2022	279.323	331.191	233.864
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	2023	278.859	331.617	234.445
DALYs	China	Male	All ages	Schizophrenia	Number	1990	1249021	1575895	905406
DALYs	China	Male	All ages	Schizophrenia	Number	1991	1284845	1617795	934721
DALYs	China	Male	All ages	Schizophrenia	Number	1992	1319027	1666394	953760
DALYs	China	Male	All ages	Schizophrenia	Number	1993	1351058	1706263	982016
DALYs	China	Male	All ages	Schizophrenia	Number	1994	1378508	1742087	999628
DALYs	China	Male	All ages	Schizophrenia	Number	1995	1404256	1769940	1020941
DALYs	China	Male	All ages	Schizophrenia	Number	1996	1426208	1799075	1042535
DALYs	China	Male	All ages	Schizophrenia	Number	1997	1444211	1825979	1054627
DALYs	China	Male	All ages	Schizophrenia	Number	1998	1460299	1830734	1064270
DALYs	China	Male	All ages	Schizophrenia	Number	1999	1479103	1861033	1087232
DALYs	China	Male	All ages	Schizophrenia	Number	2000	1498072	1892302	1097448
DALYs	China	Male	All ages	Schizophrenia	Number	2001	1518113	1903211	1106187
DALYs	China	Male	All ages	Schizophrenia	Number	2002	1539684	1944740	1124166
DALYs	China	Male	All ages	Schizophrenia	Number	2003	1561660	1972834	1145869
DALYs	China	Male	All ages	Schizophrenia	Number	2004	1586354	1993233	1163297
DALYs	China	Male	All ages	Schizophrenia	Number	2005	1610300	2030410	1172921
DALYs	China	Male	All ages	Schizophrenia	Number	2006	1634232	2056789	1197248
DALYs	China	Male	All ages	Schizophrenia	Number	2007	1657811	2079048	1219570
DALYs	China	Male	All ages	Schizophrenia	Number	2008	1682943	2114272	1242657
DALYs	China	Male	All ages	Schizophrenia	Number	2009	1706187	2134640	1243306
DALYs	China	Male	All ages	Schizophrenia	Number	2010	1728844	2175093	1270930
DALYs	China	Male	All ages	Schizophrenia	Number	2011	1748356	2189358	1283506
DALYs	China	Male	All ages	Schizophrenia	Number	2012	1767958	2217381	1291241
DALYs	China	Male	All ages	Schizophrenia	Number	2013	1785143	2230412	1293707
DALYs	China	Male	All ages	Schizophrenia	Number	2014	1800241	2239205	1315207
DALYs	China	Male	All ages	Schizophrenia	Number	2015	1814145	2252205	1323121
DALYs	China	Male	All ages	Schizophrenia	Number	2016	1827389	2291301	1333265
DALYs	China	Male	All ages	Schizophrenia	Number	2017	1839092	2295495	1335243
DALYs	China	Male	All ages	Schizophrenia	Number	2018	1849335	2306919	1353068
DALYs	China	Male	All ages	Schizophrenia	Number	2019	1858924	2316413	1366272
DALYs	China	Male	All ages	Schizophrenia	Number	2020	1865959	2308336	1355430
DALYs	China	Male	All ages	Schizophrenia	Number	2021	1867955	2325664	1350637
DALYs	China	Male	All ages	Schizophrenia	Number	2022	1868997	2336601	1356669
DALYs	China	Male	All ages	Schizophrenia	Number	2023	1867497	2322508	1364871
DALYs	China	Male	Age-standardized	Schizophrenia	Rate	1990	207.250	258.337	151.971
DALYs	China	Male	Age-standardized	Schizophrenia	Rate	1991	207.617	258.480	152.305
DALYs	China	Male	Age-standardized	Schizophrenia	Rate	1992	208.105	259.234	152.880
DALYs	China	Male	Age-standardized	Schizophrenia	Rate	1993	208.543	261.080	154.529
DALYs	China	Male	Age-standardized	Schizophrenia	Rate	1994	208.728	261.376	154.705
DALYs	China	Male	Age-standardized	Schizophrenia	Rate	1995	209.064	261.916	155.687
DALYs	China	Male	Age-standardized	Schizophrenia	Rate	1996	209.157	262.594	155.199
DALYs	China	Male	Age-standardized	Schizophrenia	Rate	1997	208.886	260.811	153.543
DALYs	China	Male	Age-standardized	Schizophrenia	Rate	1998	208.491	260.272	152.891
DALYs	China	Male	Age-standardized	Schizophrenia	Rate	1999	208.446	259.564	153.989
DALYs	China	Male	Age-standardized	Schizophrenia	Rate	2000	208.443	260.833	153.969
DALYs	China	Male	Age-standardized	Schizophrenia	Rate	2001	208.514	257.967	152.825
DALYs	China	Male	Age-standardized	Schizophrenia	Rate	2002	208.709	261.573	154.641
DALYs	China	Male	Age-standardized	Schizophrenia	Rate	2003	208.782	261.732	153.907

DALYs	China	Male	Age-standardized	Schizophrenia Rate	2004	209.058	260.403	154.633
DALYs	China	Male	Age-standardized	Schizophrenia Rate	2005	209.115	261.691	154.277
DALYs	China	Male	Age-standardized	Schizophrenia Rate	2006	209.150	262.556	154.548
DALYs	China	Male	Age-standardized	Schizophrenia Rate	2007	209.159	261.827	154.590
DALYs	China	Male	Age-standardized	Schizophrenia Rate	2008	209.325	260.908	155.518
DALYs	China	Male	Age-standardized	Schizophrenia Rate	2009	209.277	262.704	154.207
DALYs	China	Male	Age-standardized	Schizophrenia Rate	2010	209.222	263.856	154.874
DALYs	China	Male	Age-standardized	Schizophrenia Rate	2011	209.066	262.066	154.526
DALYs	China	Male	Age-standardized	Schizophrenia Rate	2012	209.173	261.262	154.063
DALYs	China	Male	Age-standardized	Schizophrenia Rate	2013	209.148	261.241	153.036
DALYs	China	Male	Age-standardized	Schizophrenia Rate	2014	209.090	261.908	153.614
DALYs	China	Male	Age-standardized	Schizophrenia Rate	2015	209.075	261.971	154.178
DALYs	China	Male	Age-standardized	Schizophrenia Rate	2016	209.263	262.779	154.469
DALYs	China	Male	Age-standardized	Schizophrenia Rate	2017	209.509	262.886	152.195
DALYs	China	Male	Age-standardized	Schizophrenia Rate	2018	209.755	262.248	153.803
DALYs	China	Male	Age-standardized	Schizophrenia Rate	2019	210.040	262.172	156.448
DALYs	China	Male	Age-standardized	Schizophrenia Rate	2020	210.079	261.181	154.479
DALYs	China	Male	Age-standardized	Schizophrenia Rate	2021	209.799	261.591	154.602
DALYs	China	Male	Age-standardized	Schizophrenia Rate	2022	209.635	262.208	153.863
DALYs	China	Male	Age-standardized	Schizophrenia Rate	2023	209.141	260.567	154.265
DALYs	China	Female	All ages	Schizophrenia Number	1990	985172	1242487	724062
DALYs	China	Female	All ages	Schizophrenia Number	1991	1011436	1266525	742654
DALYs	China	Female	All ages	Schizophrenia Number	1992	1036332	1303220	759393
DALYs	China	Female	All ages	Schizophrenia Number	1993	1059790	1340648	772268
DALYs	China	Female	All ages	Schizophrenia Number	1994	1083147	1366321	795245
DALYs	China	Female	All ages	Schizophrenia Number	1995	1103897	1402373	800480
DALYs	China	Female	All ages	Schizophrenia Number	1996	1123220	1421372	816430
DALYs	China	Female	All ages	Schizophrenia Number	1997	1144375	1454376	835500
DALYs	China	Female	All ages	Schizophrenia Number	1998	1164481	1467862	855110
DALYs	China	Female	All ages	Schizophrenia Number	1999	1185195	1495236	873460
DALYs	China	Female	All ages	Schizophrenia Number	2000	1204476	1518268	881689
DALYs	China	Female	All ages	Schizophrenia Number	2001	1225401	1536385	902711
DALYs	China	Female	All ages	Schizophrenia Number	2002	1244409	1555722	915906
DALYs	China	Female	All ages	Schizophrenia Number	2003	1266129	1593142	938009
DALYs	China	Female	All ages	Schizophrenia Number	2004	1287991	1622647	941627
DALYs	China	Female	All ages	Schizophrenia Number	2005	1311737	1662622	961167
DALYs	China	Female	All ages	Schizophrenia Number	2006	1334165	1664196	979904
DALYs	China	Female	All ages	Schizophrenia Number	2007	1358681	1707039	991473
DALYs	China	Female	All ages	Schizophrenia Number	2008	1381624	1728798	1015220
DALYs	China	Female	All ages	Schizophrenia Number	2009	1406244	1770445	1028232
DALYs	China	Female	All ages	Schizophrenia Number	2010	1428678	1783802	1049882
DALYs	China	Female	All ages	Schizophrenia Number	2011	1449530	1812739	1062135
DALYs	China	Female	All ages	Schizophrenia Number	2012	1468213	1838296	1069412
DALYs	China	Female	All ages	Schizophrenia Number	2013	1483927	1865314	1084089
DALYs	China	Female	All ages	Schizophrenia Number	2014	1498667	1875267	1095700
DALYs	China	Female	All ages	Schizophrenia Number	2015	1512083	1892432	1090710
DALYs	China	Female	All ages	Schizophrenia Number	2016	1522853	1895786	1106493
DALYs	China	Female	All ages	Schizophrenia Number	2017	1531508	1928661	1110470
DALYs	China	Female	All ages	Schizophrenia Number	2018	1540562	1912368	1120086
DALYs	China	Female	All ages	Schizophrenia Number	2019	1545929	1938446	1133607
DALYs	China	Female	All ages	Schizophrenia Number	2020	1549849	1944726	1126012
DALYs	China	Female	All ages	Schizophrenia Number	2021	1553296	1943000	1131829
DALYs	China	Female	All ages	Schizophrenia Number	2022	1554954	1941132	1126203
DALYs	China	Female	All ages	Schizophrenia Number	2023	1551859	1948123	1120102

DALYs	China	Female	Age-standardized	Schizophrenia	Rate	1990	175.273	219.911	131.541
DALYs	China	Female	Age-standardized	Schizophrenia	Rate	1991	175.505	219.741	131.137
DALYs	China	Female	Age-standardized	Schizophrenia	Rate	1992	175.739	219.510	129.741
DALYs	China	Female	Age-standardized	Schizophrenia	Rate	1993	175.917	220.551	130.045
DALYs	China	Female	Age-standardized	Schizophrenia	Rate	1994	176.276	220.383	130.581
DALYs	China	Female	Age-standardized	Schizophrenia	Rate	1995	176.388	221.333	129.515
DALYs	China	Female	Age-standardized	Schizophrenia	Rate	1996	176.404	219.990	130.098
DALYs	China	Female	Age-standardized	Schizophrenia	Rate	1997	176.734	222.220	131.174
DALYs	China	Female	Age-standardized	Schizophrenia	Rate	1998	176.851	220.852	131.833
DALYs	China	Female	Age-standardized	Schizophrenia	Rate	1999	177.050	220.983	131.372
DALYs	China	Female	Age-standardized	Schizophrenia	Rate	2000	177.015	221.780	131.623
DALYs	China	Female	Age-standardized	Schizophrenia	Rate	2001	177.212	220.875	132.287
DALYs	China	Female	Age-standardized	Schizophrenia	Rate	2002	177.081	220.755	132.189
DALYs	China	Female	Age-standardized	Schizophrenia	Rate	2003	177.135	222.124	132.398
DALYs	China	Female	Age-standardized	Schizophrenia	Rate	2004	177.087	222.733	130.564
DALYs	China	Female	Age-standardized	Schizophrenia	Rate	2005	177.190	223.432	131.394
DALYs	China	Female	Age-standardized	Schizophrenia	Rate	2006	177.084	219.426	131.414
DALYs	China	Female	Age-standardized	Schizophrenia	Rate	2007	177.269	222.337	130.937
DALYs	China	Female	Age-standardized	Schizophrenia	Rate	2008	177.265	222.069	131.587
DALYs	China	Female	Age-standardized	Schizophrenia	Rate	2009	177.517	223.820	131.008
DALYs	China	Female	Age-standardized	Schizophrenia	Rate	2010	177.537	222.338	131.233
DALYs	China	Female	Age-standardized	Schizophrenia	Rate	2011	177.625	221.785	131.614
DALYs	China	Female	Age-standardized	Schizophrenia	Rate	2012	177.641	223.951	130.026
DALYs	China	Female	Age-standardized	Schizophrenia	Rate	2013	177.527	223.381	130.593
DALYs	China	Female	Age-standardized	Schizophrenia	Rate	2014	177.542	223.327	130.954
DALYs	China	Female	Age-standardized	Schizophrenia	Rate	2015	177.641	224.650	130.312
DALYs	China	Female	Age-standardized	Schizophrenia	Rate	2016	177.717	224.417	131.422
DALYs	China	Female	Age-standardized	Schizophrenia	Rate	2017	177.827	225.083	131.337
DALYs	China	Female	Age-standardized	Schizophrenia	Rate	2018	178.127	224.422	131.863
DALYs	China	Female	Age-standardized	Schizophrenia	Rate	2019	178.202	225.101	131.560
DALYs	China	Female	Age-standardized	Schizophrenia	Rate	2020	178.103	224.400	130.786
DALYs	China	Female	Age-standardized	Schizophrenia	Rate	2021	178.217	225.823	131.567
DALYs	China	Female	Age-standardized	Schizophrenia	Rate	2022	178.183	224.875	131.936
DALYs	China	Female	Age-standardized	Schizophrenia	Rate	2023	177.612	223.143	129.649

Supplementary Table S2. Spearman correlation analysis between sociodemographic index (SDI) and age-standardized rates of schizophrenia in China, 1990–2023

measure	location	sex	cause	correlation	p_value
Incidence	China	Both	Schizophrenia	-0.111	0.531
Prevalence	China	Both	Schizophrenia	0.936	0
DALYs	China	Both	Schizophrenia	0.952	0

measure	location	sex	age	cause	metric	year	rate	SDI
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	1990	20.634	0.465
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	1991	20.661	0.473
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	1992	20.683	0.481
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	1993	20.704	0.490
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	1994	20.721	0.498
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	1995	20.731	0.507
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	1996	20.732	0.517
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	1997	20.726	0.527
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	1998	20.720	0.536
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	1999	20.716	0.544
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	2000	20.718	0.552
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	2001	20.725	0.559
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	2002	20.734	0.566
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	2003	20.745	0.573
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	2004	20.754	0.581
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	2005	20.756	0.590
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	2006	20.750	0.601
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	2007	20.742	0.611
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	2008	20.734	0.621
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	2009	20.727	0.630
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	2010	20.721	0.642
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	2011	20.709	0.652
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	2012	20.689	0.657
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	2013	20.669	0.661
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	2014	20.656	0.665
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	2015	20.657	0.667
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	2016	20.670	0.670
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	2017	20.686	0.678
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	2018	20.703	0.687
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	2019	20.719	0.696
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	2020	20.731	0.706
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	2021	20.725	0.714
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	2022	20.713	0.721
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	2023	20.690	0.728
Prevalence	China	Both	Age-standardized	Schizophrenia	Rate	1990	300.439	0.465
Prevalence	China	Both	Age-standardized	Schizophrenia	Rate	1991	300.719	0.473
Prevalence	China	Both	Age-standardized	Schizophrenia	Rate	1992	300.965	0.481
Prevalence	China	Both	Age-standardized	Schizophrenia	Rate	1993	301.174	0.490
Prevalence	China	Both	Age-standardized	Schizophrenia	Rate	1994	301.343	0.498
Prevalence	China	Both	Age-standardized	Schizophrenia	Rate	1995	301.455	0.507
Prevalence	China	Both	Age-standardized	Schizophrenia	Rate	1996	301.491	0.517
Prevalence	China	Both	Age-standardized	Schizophrenia	Rate	1997	301.463	0.527
Prevalence	China	Both	Age-standardized	Schizophrenia	Rate	1998	301.418	0.536
Prevalence	China	Both	Age-standardized	Schizophrenia	Rate	1999	301.383	0.544
Prevalence	China	Both	Age-standardized	Schizophrenia	Rate	2000	301.376	0.552
Prevalence	China	Both	Age-standardized	Schizophrenia	Rate	2001	301.381	0.559

Prevalence	China	Both	Age-standardized	Schizophrenia Rate	2002	301.386	0.566
Prevalence	China	Both	Age-standardized	Schizophrenia Rate	2003	301.408	0.573
Prevalence	China	Both	Age-standardized	Schizophrenia Rate	2004	301.440	0.581
Prevalence	China	Both	Age-standardized	Schizophrenia Rate	2005	301.468	0.590
Prevalence	China	Both	Age-standardized	Schizophrenia Rate	2006	301.541	0.601
Prevalence	China	Both	Age-standardized	Schizophrenia Rate	2007	301.697	0.611
Prevalence	China	Both	Age-standardized	Schizophrenia Rate	2008	301.903	0.621
Prevalence	China	Both	Age-standardized	Schizophrenia Rate	2009	302.103	0.630
Prevalence	China	Both	Age-standardized	Schizophrenia Rate	2010	302.231	0.642
Prevalence	China	Both	Age-standardized	Schizophrenia Rate	2011	302.315	0.652
Prevalence	China	Both	Age-standardized	Schizophrenia Rate	2012	302.426	0.657
Prevalence	China	Both	Age-standardized	Schizophrenia Rate	2013	302.560	0.661
Prevalence	China	Both	Age-standardized	Schizophrenia Rate	2014	302.698	0.665
Prevalence	China	Both	Age-standardized	Schizophrenia Rate	2015	302.809	0.667
Prevalence	China	Both	Age-standardized	Schizophrenia Rate	2016	302.887	0.670
Prevalence	China	Both	Age-standardized	Schizophrenia Rate	2017	302.951	0.678
Prevalence	China	Both	Age-standardized	Schizophrenia Rate	2018	303.008	0.687
Prevalence	China	Both	Age-standardized	Schizophrenia Rate	2019	303.065	0.696
Prevalence	China	Both	Age-standardized	Schizophrenia Rate	2020	303.122	0.706
Prevalence	China	Both	Age-standardized	Schizophrenia Rate	2021	303.073	0.714
Prevalence	China	Both	Age-standardized	Schizophrenia Rate	2022	302.967	0.721
Prevalence	China	Both	Age-standardized	Schizophrenia Rate	2023	302.386	0.728
DALYs	China	Both	Age-standardized	Schizophrenia Rate	1990	191.800	0.465
DALYs	China	Both	Age-standardized	Schizophrenia Rate	1991	192.112	0.473
DALYs	China	Both	Age-standardized	Schizophrenia Rate	1992	192.477	0.481
DALYs	China	Both	Age-standardized	Schizophrenia Rate	1993	192.796	0.490
DALYs	China	Both	Age-standardized	Schizophrenia Rate	1994	193.059	0.498
DALYs	China	Both	Age-standardized	Schizophrenia Rate	1995	193.278	0.507
DALYs	China	Both	Age-standardized	Schizophrenia Rate	1996	193.317	0.517
DALYs	China	Both	Age-standardized	Schizophrenia Rate	1997	193.316	0.527
DALYs	China	Both	Age-standardized	Schizophrenia Rate	1998	193.145	0.536
DALYs	China	Both	Age-standardized	Schizophrenia Rate	1999	193.194	0.544
DALYs	China	Both	Age-standardized	Schizophrenia Rate	2000	193.152	0.552
DALYs	China	Both	Age-standardized	Schizophrenia Rate	2001	193.259	0.559
DALYs	China	Both	Age-standardized	Schizophrenia Rate	2002	193.271	0.566
DALYs	China	Both	Age-standardized	Schizophrenia Rate	2003	193.313	0.573
DALYs	China	Both	Age-standardized	Schizophrenia Rate	2004	193.407	0.581
DALYs	China	Both	Age-standardized	Schizophrenia Rate	2005	193.468	0.590
DALYs	China	Both	Age-standardized	Schizophrenia Rate	2006	193.414	0.601
DALYs	China	Both	Age-standardized	Schizophrenia Rate	2007	193.494	0.611
DALYs	China	Both	Age-standardized	Schizophrenia Rate	2008	193.561	0.621
DALYs	China	Both	Age-standardized	Schizophrenia Rate	2009	193.647	0.630
DALYs	China	Both	Age-standardized	Schizophrenia Rate	2010	193.620	0.642
DALYs	China	Both	Age-standardized	Schizophrenia Rate	2011	193.577	0.652
DALYs	China	Both	Age-standardized	Schizophrenia Rate	2012	193.634	0.657
DALYs	China	Both	Age-standardized	Schizophrenia Rate	2013	193.567	0.661
DALYs	China	Both	Age-standardized	Schizophrenia Rate	2014	193.555	0.665
DALYs	China	Both	Age-standardized	Schizophrenia Rate	2015	193.614	0.667
DALYs	China	Both	Age-standardized	Schizophrenia Rate	2016	193.769	0.670
DALYs	China	Both	Age-standardized	Schizophrenia Rate	2017	193.975	0.678
DALYs	China	Both	Age-standardized	Schizophrenia Rate	2018	194.281	0.687
DALYs	China	Both	Age-standardized	Schizophrenia Rate	2019	194.499	0.696
DALYs	China	Both	Age-standardized	Schizophrenia Rate	2020	194.512	0.706
DALYs	China	Both	Age-standardized	Schizophrenia Rate	2021	194.459	0.714
DALYs	China	Both	Age-standardized	Schizophrenia Rate	2022	194.395	0.721
DALYs	China	Both	Age-standardized	Schizophrenia Rate	2023	193.900	0.728

**Supplementary Table S3. Results of generalized additive models (GAM)
for the non-linear relationship between sociodemographic index (SDI)
and schizophrenia burden in China**

	EDF	P-value	Linearity
ASIR	2.910	<0.001	Non-linear
ASPR	1.865	<0.001	Non-linear
ASDR	2.818	<0.001	Non-linear

Supplementary Table S4. Decomposition analysis of changes in schizophrenia burden attributable to population growth, population aging, and epidemiological changes in China, 1990–2023

measure	location	sex	age	cause	metric	art_	yeand_	yea	Overall difference
Incidence	China	Male	All ages	Schizophrenia	Number	1990	2023		21602.815 (14.121%)
Incidence	China	Female	All ages	Schizophrenia	Number	1990	2023		16822.755 (14.540%)
Incidence	China	Both	All ages	Schizophrenia	Number	1990	2023		38425.570 (14.301%)
Prevalence	China	Male	All ages	Schizophrenia	Number	1990	2023		999165.349 (51.864%)
Prevalence	China	Female	All ages	Schizophrenia	Number	1990	2023		924768.469 (59.876%)
Prevalence	China	Both	All ages	Schizophrenia	Number	1990	2023		1923933.817 (55.429%)
DALYs	China	Male	All ages	Schizophrenia	Number	1990	2023		618476.461 (49.517%)
DALYs	China	Female	All ages	Schizophrenia	Number	1990	2023		566687.178 (57.522%)
DALYs	China	Both	All ages	Schizophrenia	Number	1990	2023		1185163.639 (53.047%)

Aging	Population	Epidemiological change
-18357.145 (-11.999%)	40053.175 (26.180%)	-93.214 (-0.061%)
-15615.561 (-13.497%)	31731.226 (27.426%)	707.090 (0.611%)
-34390.809 (-12.800%)	71995.743 (26.795%)	820.636 (0.305%)
350642.893 (18.201%)	633289.699 (32.873%)	15232.757 (0.791%)
351835.805 (22.780%)	555116.532 (35.942%)	17816.132 (1.154%)
700769.003 (20.190%)	1191405.326 (34.325%)	31759.489 (0.915%)
196965.893 (15.770%)	407167.699 (32.599%)	14342.870 (1.148%)
196397.605 (19.935%)	351194.522 (35.648%)	19095.051 (1.938%)
392082.530 (17.549%)	760480.050 (34.038%)	32601.059 (1.459%)

Supplementary Table S5. Predicted age-standardized incidence, prevalence, and DALYs rates of schizophrenia in China using the BAPC model, 2024–2052

measure	location	sex	age	cause	metric	year	pred_val	pred_low	pred_up
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	2024	22.768	22.473	23.063
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	2025	22.739	22.272	23.206
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	2026	22.709	22.028	23.390
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	2027	22.678	21.753	23.604
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	2028	22.647	21.449	23.845
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	2029	22.616	21.121	24.111
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	2030	22.584	20.770	24.397
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	2031	22.550	20.398	24.703
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	2032	22.516	20.006	25.026
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	2033	22.482	19.597	25.367
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	2034	22.448	19.170	25.726
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	2035	22.412	18.725	26.100
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	2036	22.376	18.263	26.488
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	2037	22.339	17.786	26.891
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	2038	22.302	17.295	27.309
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	2039	22.264	16.788	27.741
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	2040	22.226	16.267	28.186
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	2041	22.188	15.732	28.643
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	2042	22.148	15.183	29.113
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	2043	22.109	14.622	29.596
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	2044	22.070	14.048	30.092
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	2045	22.031	13.462	30.599
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	2046	21.990	12.863	31.118
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	2047	21.950	12.253	31.647
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	2048	21.910	11.631	32.188
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	2049	21.869	10.999	32.740
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	2050	21.829	10.355	33.304
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	2051	21.789	9.700	33.878
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	2052	21.748	9.035	34.462
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	2024	18.414	18.163	18.665
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	2025	18.412	18.016	18.807
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	2026	18.409	17.834	18.983
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	2027	18.405	17.625	19.185
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	2028	18.401	17.392	19.410
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	2029	18.396	17.136	19.655
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	2030	18.391	16.862	19.919
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	2031	18.385	16.570	20.199
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	2032	18.378	16.261	20.496
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	2033	18.372	15.936	20.807
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	2034	18.365	15.595	21.134
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	2035	18.357	15.239	21.474
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	2036	18.348	14.868	21.828
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	2037	18.339	14.484	22.195
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	2038	18.330	14.086	22.574
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	2039	18.320	13.674	22.967
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	2040	18.310	13.249	23.371
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	2041	18.299	12.811	23.786
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	2042	18.287	12.361	24.213
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	2043	18.275	11.899	24.651
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	2044	18.263	11.425	25.100
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	2045	18.250	10.939	25.561

Incidence	China	Female	Age-standardized	Schizophrenia	Rate	2046	18.237	10.442	26.031
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	2047	18.223	9.934	26.512
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	2048	18.209	9.415	27.003
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	2049	18.194	8.885	27.504
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	2050	18.180	8.345	28.016
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	2051	18.166	7.794	28.537
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	2052	18.151	7.233	29.068
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	2024	20.668	20.067	21.269
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	2025	20.657	19.962	21.353
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	2026	20.646	19.806	21.486
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	2027	20.635	19.605	21.664
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	2028	20.623	19.366	21.880
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	2029	20.612	19.096	22.129
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	2030	20.602	18.798	22.406
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	2031	20.592	18.478	22.707
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	2032	20.583	18.136	23.031
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	2033	20.576	17.775	23.377
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	2034	20.570	17.395	23.745
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	2035	20.566	16.997	24.134
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	2036	20.563	16.583	24.543
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	2037	20.563	16.153	24.973
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	2038	20.566	15.708	25.424
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	2039	20.572	15.247	25.896
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	2040	20.581	14.770	26.391
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	2041	20.593	14.279	26.907
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	2042	20.609	13.772	27.446
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	2043	20.630	13.251	28.009
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	2044	20.655	12.713	28.598
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	2045	20.686	12.160	29.212
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	2046	20.721	11.589	29.852
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	2047	20.761	11.002	30.521
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	2048	20.808	10.397	31.219
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	2049	20.861	9.773	31.948
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	2050	20.920	9.129	32.712
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	2051	20.987	8.465	33.509
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	2052	21.061	7.777	34.344
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	2024	324.573	321.708	327.438
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	2025	323.987	319.066	328.908
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	2026	323.396	315.914	330.878
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	2027	322.798	312.376	333.220
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	2028	322.197	308.508	335.885
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	2029	321.600	304.343	338.858
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	2030	320.996	299.907	342.085
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	2031	320.386	295.230	345.541
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	2032	319.768	290.329	349.207
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	2033	319.145	285.215	353.075
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	2034	318.525	279.897	357.153
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	2035	317.899	274.384	361.413
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	2036	317.267	268.692	365.841
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	2037	316.626	262.826	370.425
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	2038	315.978	256.794	375.162
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	2039	315.332	250.600	380.065
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	2040	314.683	244.251	385.116
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	2041	314.030	237.756	390.304
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	2042	313.368	231.116	395.620
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	2043	312.698	224.336	401.060

Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	2044	312.029	217.419	406.639
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	2045	311.361	210.373	412.349
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	2046	310.691	203.202	418.180
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	2047	310.013	195.906	424.121
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	2048	309.327	188.486	430.168
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	2049	308.642	180.946	436.338
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	2050	307.961	173.294	442.628
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	2051	307.281	165.532	449.031
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	2052	306.596	157.659	455.534
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	2024	279.313	276.827	281.798
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	2025	279.126	274.876	283.376
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	2026	278.924	272.471	285.376
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	2027	278.705	269.719	287.691
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	2028	278.476	266.670	290.281
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	2029	278.250	263.358	293.141
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	2030	278.022	259.811	296.232
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	2031	277.786	256.047	299.526
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	2032	277.538	252.075	303.001
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	2033	277.277	247.905	306.650
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	2034	277.013	243.545	310.481
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	2035	276.749	239.013	314.485
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	2036	276.481	234.317	318.644
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	2037	276.202	229.459	322.945
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	2038	275.910	224.441	327.378
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	2039	275.609	219.265	331.954
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	2040	275.310	213.948	336.672
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	2041	275.010	208.495	341.524
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	2042	274.700	202.905	346.494
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	2043	274.376	197.177	351.575
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	2044	274.042	191.312	356.773
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	2045	273.712	185.324	362.099
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	2046	273.382	179.218	367.545
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	2047	273.045	172.992	373.098
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	2048	272.695	166.642	378.747
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	2049	272.334	160.169	384.499
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	2050	271.979	153.587	390.370
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	2051	271.628	146.899	396.358
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	2052	271.274	140.102	402.446
Prevalence	China	Both	Age-standardized	Schizophrenia	Rate	2024	302.406	297.420	307.392
Prevalence	China	Both	Age-standardized	Schizophrenia	Rate	2025	302.058	295.810	308.306
Prevalence	China	Both	Age-standardized	Schizophrenia	Rate	2026	301.709	293.526	309.893
Prevalence	China	Both	Age-standardized	Schizophrenia	Rate	2027	301.357	290.718	311.997
Prevalence	China	Both	Age-standardized	Schizophrenia	Rate	2028	301.007	287.498	314.517
Prevalence	China	Both	Age-standardized	Schizophrenia	Rate	2029	300.677	283.945	317.409
Prevalence	China	Both	Age-standardized	Schizophrenia	Rate	2030	300.358	280.111	320.605
Prevalence	China	Both	Age-standardized	Schizophrenia	Rate	2031	300.049	276.032	324.066
Prevalence	China	Both	Age-standardized	Schizophrenia	Rate	2032	299.745	271.723	327.767
Prevalence	China	Both	Age-standardized	Schizophrenia	Rate	2033	299.449	267.198	331.699
Prevalence	China	Both	Age-standardized	Schizophrenia	Rate	2034	299.175	262.472	335.878
Prevalence	China	Both	Age-standardized	Schizophrenia	Rate	2035	298.922	257.561	340.284
Prevalence	China	Both	Age-standardized	Schizophrenia	Rate	2036	298.690	252.475	344.905
Prevalence	China	Both	Age-standardized	Schizophrenia	Rate	2037	298.473	247.217	349.728
Prevalence	China	Both	Age-standardized	Schizophrenia	Rate	2038	298.272	241.787	354.757
Prevalence	China	Both	Age-standardized	Schizophrenia	Rate	2039	298.101	236.192	360.010
Prevalence	China	Both	Age-standardized	Schizophrenia	Rate	2040	297.963	230.440	365.486
Prevalence	China	Both	Age-standardized	Schizophrenia	Rate	2041	297.857	224.536	371.179

Prevalence	China	Both	Age-standardized	Schizophrenia	Rate	2042	297.779	218.476	377.083
Prevalence	China	Both	Age-standardized	Schizophrenia	Rate	2043	297.730	212.257	383.202
Prevalence	China	Both	Age-standardized	Schizophrenia	Rate	2044	297.719	205.880	389.559
Prevalence	China	Both	Age-standardized	Schizophrenia	Rate	2045	297.756	199.350	396.163
Prevalence	China	Both	Age-standardized	Schizophrenia	Rate	2046	297.841	192.668	403.015
Prevalence	China	Both	Age-standardized	Schizophrenia	Rate	2047	297.968	185.825	410.111
Prevalence	China	Both	Age-standardized	Schizophrenia	Rate	2048	298.136	178.814	417.459
Prevalence	China	Both	Age-standardized	Schizophrenia	Rate	2049	298.357	171.632	425.082
Prevalence	China	Both	Age-standardized	Schizophrenia	Rate	2050	298.641	164.280	433.002
Prevalence	China	Both	Age-standardized	Schizophrenia	Rate	2051	298.990	156.753	441.227
Prevalence	China	Both	Age-standardized	Schizophrenia	Rate	2052	299.398	149.039	449.757
DALYs	China	Male	Age-standardized	Schizophrenia	Rate	2024	209.137	207.218	211.056
DALYs	China	Male	Age-standardized	Schizophrenia	Rate	2025	208.751	205.460	212.042
DALYs	China	Male	Age-standardized	Schizophrenia	Rate	2026	208.359	203.362	213.355
DALYs	China	Male	Age-standardized	Schizophrenia	Rate	2027	207.963	201.009	214.918
DALYs	China	Male	Age-standardized	Schizophrenia	Rate	2028	207.563	198.434	216.692
DALYs	China	Male	Age-standardized	Schizophrenia	Rate	2029	207.163	195.659	218.666
DALYs	China	Male	Age-standardized	Schizophrenia	Rate	2030	206.761	192.708	220.814
DALYs	China	Male	Age-standardized	Schizophrenia	Rate	2031	206.353	189.595	223.111
DALYs	China	Male	Age-standardized	Schizophrenia	Rate	2032	205.940	186.333	225.548
DALYs	China	Male	Age-standardized	Schizophrenia	Rate	2033	205.522	182.928	228.116
DALYs	China	Male	Age-standardized	Schizophrenia	Rate	2034	205.103	179.385	230.820
DALYs	China	Male	Age-standardized	Schizophrenia	Rate	2035	204.682	175.717	233.648
DALYs	China	Male	Age-standardized	Schizophrenia	Rate	2036	204.256	171.926	236.585
DALYs	China	Male	Age-standardized	Schizophrenia	Rate	2037	203.824	168.022	239.626
DALYs	China	Male	Age-standardized	Schizophrenia	Rate	2038	203.385	164.005	242.765
DALYs	China	Male	Age-standardized	Schizophrenia	Rate	2039	202.945	159.880	246.011
DALYs	China	Male	Age-standardized	Schizophrenia	Rate	2040	202.506	155.654	249.358
DALYs	China	Male	Age-standardized	Schizophrenia	Rate	2041	202.061	151.329	252.793
DALYs	China	Male	Age-standardized	Schizophrenia	Rate	2042	201.612	146.910	256.313
DALYs	China	Male	Age-standardized	Schizophrenia	Rate	2043	201.155	142.396	259.913
DALYs	China	Male	Age-standardized	Schizophrenia	Rate	2044	200.697	137.791	263.603
DALYs	China	Male	Age-standardized	Schizophrenia	Rate	2045	200.242	133.102	267.381
DALYs	China	Male	Age-standardized	Schizophrenia	Rate	2046	199.783	128.329	271.236
DALYs	China	Male	Age-standardized	Schizophrenia	Rate	2047	199.320	123.475	275.165
DALYs	China	Male	Age-standardized	Schizophrenia	Rate	2048	198.850	118.537	279.162
DALYs	China	Male	Age-standardized	Schizophrenia	Rate	2049	198.379	113.521	283.238
DALYs	China	Male	Age-standardized	Schizophrenia	Rate	2050	197.912	108.431	287.394
DALYs	China	Male	Age-standardized	Schizophrenia	Rate	2051	197.444	103.267	291.621
DALYs	China	Male	Age-standardized	Schizophrenia	Rate	2052	196.973	98.031	295.916
DALYs	China	Female	Age-standardized	Schizophrenia	Rate	2024	177.716	176.061	179.372
DALYs	China	Female	Age-standardized	Schizophrenia	Rate	2025	177.456	174.640	180.272
DALYs	China	Female	Age-standardized	Schizophrenia	Rate	2026	177.187	172.927	181.447
DALYs	China	Female	Age-standardized	Schizophrenia	Rate	2027	176.908	170.990	182.826
DALYs	China	Female	Age-standardized	Schizophrenia	Rate	2028	176.620	168.860	184.381
DALYs	China	Female	Age-standardized	Schizophrenia	Rate	2029	176.340	166.566	186.114
DALYs	China	Female	Age-standardized	Schizophrenia	Rate	2030	176.054	164.118	187.990
DALYs	China	Female	Age-standardized	Schizophrenia	Rate	2031	175.764	161.532	189.995
DALYs	China	Female	Age-standardized	Schizophrenia	Rate	2032	175.465	158.816	192.114
DALYs	China	Female	Age-standardized	Schizophrenia	Rate	2033	175.156	155.971	194.341
DALYs	China	Female	Age-standardized	Schizophrenia	Rate	2034	174.849	153.011	196.687
DALYs	China	Female	Age-standardized	Schizophrenia	Rate	2035	174.536	149.938	199.133
DALYs	China	Female	Age-standardized	Schizophrenia	Rate	2036	174.220	146.763	201.676
DALYs	China	Female	Age-standardized	Schizophrenia	Rate	2037	173.896	143.488	204.305
DALYs	China	Female	Age-standardized	Schizophrenia	Rate	2038	173.562	140.111	207.013
DALYs	China	Female	Age-standardized	Schizophrenia	Rate	2039	173.226	136.641	209.812

DALYs	China	Female	Age-standardized	Schizophrenia	Rate	2040	172.885	133.079	212.690
DALYs	China	Female	Age-standardized	Schizophrenia	Rate	2041	172.541	129.435	215.648
DALYs	China	Female	Age-standardized	Schizophrenia	Rate	2042	172.191	125.707	218.676
DALYs	China	Female	Age-standardized	Schizophrenia	Rate	2043	171.831	121.894	221.767
DALYs	China	Female	Age-standardized	Schizophrenia	Rate	2044	171.467	118.002	224.932
DALYs	China	Female	Age-standardized	Schizophrenia	Rate	2045	171.098	114.033	228.164
DALYs	China	Female	Age-standardized	Schizophrenia	Rate	2046	170.730	109.993	231.466
DALYs	China	Female	Age-standardized	Schizophrenia	Rate	2047	170.356	105.883	234.829
DALYs	China	Female	Age-standardized	Schizophrenia	Rate	2048	169.973	101.699	238.247
DALYs	China	Female	Age-standardized	Schizophrenia	Rate	2049	169.586	97.446	241.725
DALYs	China	Female	Age-standardized	Schizophrenia	Rate	2050	169.196	93.127	245.266
DALYs	China	Female	Age-standardized	Schizophrenia	Rate	2051	168.809	88.747	248.871
DALYs	China	Female	Age-standardized	Schizophrenia	Rate	2052	168.419	84.304	252.533
DALYs	China	Both	Age-standardized	Schizophrenia	Rate	2024	193.747	190.390	197.105
DALYs	China	Both	Age-standardized	Schizophrenia	Rate	2025	193.452	189.261	197.643
DALYs	China	Both	Age-standardized	Schizophrenia	Rate	2026	193.156	187.689	198.622
DALYs	China	Both	Age-standardized	Schizophrenia	Rate	2027	192.859	185.773	199.944
DALYs	China	Both	Age-standardized	Schizophrenia	Rate	2028	192.562	183.584	201.539
DALYs	China	Both	Age-standardized	Schizophrenia	Rate	2029	192.279	181.177	203.380
DALYs	China	Both	Age-standardized	Schizophrenia	Rate	2030	192.003	178.585	205.421
DALYs	China	Both	Age-standardized	Schizophrenia	Rate	2031	191.734	175.832	207.636
DALYs	China	Both	Age-standardized	Schizophrenia	Rate	2032	191.469	172.930	210.008
DALYs	China	Both	Age-standardized	Schizophrenia	Rate	2033	191.207	169.885	212.530
DALYs	China	Both	Age-standardized	Schizophrenia	Rate	2034	190.962	166.710	215.214
DALYs	China	Both	Age-standardized	Schizophrenia	Rate	2035	190.730	163.414	218.045
DALYs	China	Both	Age-standardized	Schizophrenia	Rate	2036	190.510	160.004	221.016
DALYs	China	Both	Age-standardized	Schizophrenia	Rate	2037	190.301	156.482	224.119
DALYs	China	Both	Age-standardized	Schizophrenia	Rate	2038	190.101	152.848	227.355
DALYs	China	Both	Age-standardized	Schizophrenia	Rate	2039	189.922	149.106	230.737
DALYs	China	Both	Age-standardized	Schizophrenia	Rate	2040	189.764	145.263	234.264
DALYs	China	Both	Age-standardized	Schizophrenia	Rate	2041	189.626	141.321	237.931
DALYs	China	Both	Age-standardized	Schizophrenia	Rate	2042	189.507	137.278	241.736
DALYs	China	Both	Age-standardized	Schizophrenia	Rate	2043	189.406	133.132	245.681
DALYs	China	Both	Age-standardized	Schizophrenia	Rate	2044	189.332	128.883	249.781
DALYs	China	Both	Age-standardized	Schizophrenia	Rate	2045	189.289	124.535	254.042
DALYs	China	Both	Age-standardized	Schizophrenia	Rate	2046	189.276	120.087	258.464
DALYs	China	Both	Age-standardized	Schizophrenia	Rate	2047	189.291	115.535	263.048
DALYs	China	Both	Age-standardized	Schizophrenia	Rate	2048	189.335	110.874	267.796
DALYs	China	Both	Age-standardized	Schizophrenia	Rate	2049	189.414	106.101	272.726
DALYs	China	Both	Age-standardized	Schizophrenia	Rate	2050	189.533	101.216	277.851
DALYs	China	Both	Age-standardized	Schizophrenia	Rate	2051	189.695	96.215	283.174
DALYs	China	Both	Age-standardized	Schizophrenia	Rate	2052	189.897	91.092	288.701

Supplementary Table S6. The comparison between predict ASR in 2016-2023 and actual values

measure	location	sex	age	cause	metric	year	pred	origin
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	2016	22.647	22.834
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	2017	22.592	22.841
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	2018	22.537	22.848
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	2019	22.479	22.855
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	2020	22.423	22.862
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	2021	22.367	22.845
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	2022	22.311	22.822
Incidence	China	Male	Age-standardized	Schizophrenia	Rate	2023	22.254	22.774
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	2016	18.241	18.396
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	2017	18.195	18.410
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	2018	18.148	18.425
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	2019	18.099	18.437
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	2020	18.049	18.444
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	2021	17.999	18.438
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	2022	17.949	18.430
Incidence	China	Female	Age-standardized	Schizophrenia	Rate	2023	17.897	18.422
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	2016	20.500	20.670
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	2017	20.460	20.686
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	2018	20.430	20.703
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	2019	20.390	20.719
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	2020	20.350	20.731
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	2021	20.320	20.725
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	2022	20.290	20.713
Incidence	China	Both	Age-standardized	Schizophrenia	Rate	2023	20.260	20.690
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	2016	325.443	325.752
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	2017	325.396	325.746
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	2018	325.316	325.718
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	2019	325.205	325.685
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	2020	325.079	325.664
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	2021	324.941	325.465
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	2022	324.782	325.196
Prevalence	China	Male	Age-standardized	Schizophrenia	Rate	2023	324.592	324.399
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	2016	278.700	279.193
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	2017	278.583	279.248
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	2018	278.422	279.299
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	2019	278.225	279.342
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	2020	278.008	279.366
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	2021	277.771	279.366
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	2022	277.499	279.323
Prevalence	China	Female	Age-standardized	Schizophrenia	Rate	2023	277.189	278.859
Prevalence	China	Both	Age-standardized	Schizophrenia	Rate	2016	298.470	302.887
Prevalence	China	Both	Age-standardized	Schizophrenia	Rate	2017	298.460	302.951
Prevalence	China	Both	Age-standardized	Schizophrenia	Rate	2018	298.450	303.008
Prevalence	China	Both	Age-standardized	Schizophrenia	Rate	2019	298.440	303.065
Prevalence	China	Both	Age-standardized	Schizophrenia	Rate	2020	298.450	303.122
Prevalence	China	Both	Age-standardized	Schizophrenia	Rate	2021	298.480	303.073
Prevalence	China	Both	Age-standardized	Schizophrenia	Rate	2022	298.520	302.967
Prevalence	China	Both	Age-standardized	Schizophrenia	Rate	2023	298.570	302.386

DALYs	China	Male	Age-standardized	Schizophrenia Rate	2016	208.999	209.263
DALYs	China	Male	Age-standardized	Schizophrenia Rate	2017	208.928	209.509
DALYs	China	Male	Age-standardized	Schizophrenia Rate	2018	208.838	209.755
DALYs	China	Male	Age-standardized	Schizophrenia Rate	2019	208.734	210.040
DALYs	China	Male	Age-standardized	Schizophrenia Rate	2020	208.627	210.079
DALYs	China	Male	Age-standardized	Schizophrenia Rate	2021	208.512	209.799
DALYs	China	Male	Age-standardized	Schizophrenia Rate	2022	208.387	209.635
DALYs	China	Male	Age-standardized	Schizophrenia Rate	2023	208.249	209.141
DALYs	China	Female	Age-standardized	Schizophrenia Rate	2016	177.034	177.717
DALYs	China	Female	Age-standardized	Schizophrenia Rate	2017	176.841	177.827
DALYs	China	Female	Age-standardized	Schizophrenia Rate	2018	176.623	178.127
DALYs	China	Female	Age-standardized	Schizophrenia Rate	2019	176.390	178.202
DALYs	China	Female	Age-standardized	Schizophrenia Rate	2020	176.139	178.103
DALYs	China	Female	Age-standardized	Schizophrenia Rate	2021	175.869	178.217
DALYs	China	Female	Age-standardized	Schizophrenia Rate	2022	175.576	178.183
DALYs	China	Female	Age-standardized	Schizophrenia Rate	2023	175.263	177.612
DALYs	China	Both	Age-standardized	Schizophrenia Rate	2016	191.140	193.769
DALYs	China	Both	Age-standardized	Schizophrenia Rate	2017	191.060	193.975
DALYs	China	Both	Age-standardized	Schizophrenia Rate	2018	190.980	194.281
DALYs	China	Both	Age-standardized	Schizophrenia Rate	2019	190.920	194.499
DALYs	China	Both	Age-standardized	Schizophrenia Rate	2020	190.860	194.512
DALYs	China	Both	Age-standardized	Schizophrenia Rate	2021	190.820	194.459
DALYs	China	Both	Age-standardized	Schizophrenia Rate	2022	190.780	194.395
DALYs	China	Both	Age-standardized	Schizophrenia Rate	2023	190.760	193.900

Supplementary Table S7. Retrospective validation of the BAPC model for schizophrenia burden indicators in the total population using MAE, RMSE, and MAPE

Measure	Sex	MAE	RMSE	MAPE(%)
Incidence	Both	0.33	0.34	1.59
	Male	0.38	0.40	1.68
	Female	0.35	0.37	1.92
Prevalence	Both	4.45	4.46	1.47
	Male	0.41	0.42	0.12
	Female	1.20	1.29	0.43
DALYs	Both	3.31	3.33	1.70
	Male	0.99	1.06	0.47
	Female	1.78	1.89	1.00

Supplementary Table S8. Longitudinal age curves of schizophrenia incidence, prevalence, and DALYs rates in China estimated by the APC model, 2023–2052

measure	location	sex	cause	Age label	Rate	CI _{Lo}	CI _{Hi}
Incidence	China	Male	Schizophrenia	12.5 10 to 14	6.985	6.910	7.060
Incidence	China	Male	Schizophrenia	17.5 15 to 19	31.608	31.399	31.819
Incidence	China	Male	Schizophrenia	22.5 20 to 24	51.980	51.681	52.282
Incidence	China	Male	Schizophrenia	27.5 25 to 29	42.510	42.273	42.749
Incidence	China	Male	Schizophrenia	32.5 30 to 34	32.739	32.575	32.903
Incidence	China	Male	Schizophrenia	37.5 35 to 39	26.949	26.816	27.082
Incidence	China	Male	Schizophrenia	42.5 40 to 44	24.951	24.829	25.073
Incidence	China	Male	Schizophrenia	47.5 45 to 49	26.897	26.769	27.026
Incidence	China	Male	Schizophrenia	52.5 50 to 54	28.838	28.700	28.976
Incidence	China	Male	Schizophrenia	57.5 55 to 59	30.688	30.539	30.839
Incidence	China	Male	Schizophrenia	62.5 60 to 64	27.608	27.452	27.765
Incidence	China	Male	Schizophrenia	67.5 65 to 69	19.690	19.559	19.821
Incidence	China	Male	Schizophrenia	72.5 70 to 74	11.787	11.688	11.887
Incidence	China	Male	Schizophrenia	77.5 75 to 79	3.908	3.852	3.964
Incidence	China	Female	Schizophrenia	12.5 10 to 14	6.017	5.925	6.112
Incidence	China	Female	Schizophrenia	17.5 15 to 19	25.587	25.340	25.837
Incidence	China	Female	Schizophrenia	22.5 20 to 24	40.467	40.126	40.810
Incidence	China	Female	Schizophrenia	27.5 25 to 29	32.931	32.663	33.201
Incidence	China	Female	Schizophrenia	32.5 30 to 34	26.190	26.001	26.380
Incidence	China	Female	Schizophrenia	37.5 35 to 39	23.003	22.844	23.163
Incidence	China	Female	Schizophrenia	42.5 40 to 44	21.845	21.696	21.994
Incidence	China	Female	Schizophrenia	47.5 45 to 49	22.960	22.807	23.114
Incidence	China	Female	Schizophrenia	52.5 50 to 54	24.079	23.919	24.240
Incidence	China	Female	Schizophrenia	57.5 55 to 59	25.152	24.981	25.324
Incidence	China	Female	Schizophrenia	62.5 60 to 64	22.561	22.384	22.739
Incidence	China	Female	Schizophrenia	67.5 65 to 69	16.272	16.124	16.422
Incidence	China	Female	Schizophrenia	72.5 70 to 74	9.860	9.749	9.973
Incidence	China	Female	Schizophrenia	77.5 75 to 79	3.309	3.248	3.370
Incidence	China	Both	Schizophrenia	12.5 10 to 14	6.509	6.427	6.593
Incidence	China	Both	Schizophrenia	17.5 15 to 19	28.687	28.460	28.915
Incidence	China	Both	Schizophrenia	22.5 20 to 24	46.426	46.106	46.747
Incidence	China	Both	Schizophrenia	27.5 25 to 29	37.886	37.633	38.140
Incidence	China	Both	Schizophrenia	32.5 30 to 34	29.553	29.377	29.729
Incidence	China	Both	Schizophrenia	37.5 35 to 39	25.006	24.861	25.151
Incidence	China	Both	Schizophrenia	42.5 40 to 44	23.414	23.281	23.549
Incidence	China	Both	Schizophrenia	47.5 45 to 49	24.952	24.812	25.092
Incidence	China	Both	Schizophrenia	52.5 50 to 54	26.475	26.327	26.624
Incidence	China	Both	Schizophrenia	57.5 55 to 59	27.918	27.758	28.078
Incidence	China	Both	Schizophrenia	62.5 60 to 64	25.049	24.883	25.216
Incidence	China	Both	Schizophrenia	67.5 65 to 69	17.913	17.775	18.053
Incidence	China	Both	Schizophrenia	72.5 70 to 74	10.750	10.646	10.855
Incidence	China	Both	Schizophrenia	77.5 75 to 79	3.570	3.513	3.628
Prevalence	China	Male	Schizophrenia	12.5 10 to 14	11.590	11.362	11.823
Prevalence	China	Male	Schizophrenia	17.5 15 to 19	89.802	89.122	90.488
Prevalence	China	Male	Schizophrenia	22.5 20 to 24	286.374	285.004	287.752
Prevalence	China	Male	Schizophrenia	27.5 25 to 29	452.529	450.748	454.316
Prevalence	China	Male	Schizophrenia	32.5 30 to 34	536.041	534.318	537.769
Prevalence	China	Male	Schizophrenia	37.5 35 to 39	570.088	568.411	571.770
Prevalence	China	Male	Schizophrenia	42.5 40 to 44	572.593	570.964	574.228
Prevalence	China	Male	Schizophrenia	47.5 45 to 49	570.381	568.761	572.006
Prevalence	China	Male	Schizophrenia	52.5 50 to 54	567.948	566.308	569.593
Prevalence	China	Male	Schizophrenia	57.5 55 to 59	564.019	562.331	565.712
Prevalence	China	Male	Schizophrenia	62.5 60 to 64	551.986	550.114	553.865

Prevalence	China	Male	Schizophrenia	67.5	65 to 69	505.811	503.919	507.710
Prevalence	China	Male	Schizophrenia	72.5	70 to 74	429.466	427.649	431.291
Prevalence	China	Male	Schizophrenia	77.5	75 to 79	333.645	331.963	335.335
Prevalence	China	Female	Schizophrenia	12.5	10 to 14	9.995	9.699	10.300
Prevalence	China	Female	Schizophrenia	17.5	15 to 19	75.547	74.673	76.431
Prevalence	China	Female	Schizophrenia	22.5	20 to 24	231.568	229.866	233.282
Prevalence	China	Female	Schizophrenia	27.5	25 to 29	364.096	361.919	366.286
Prevalence	China	Female	Schizophrenia	32.5	30 to 34	436.848	434.745	438.961
Prevalence	China	Female	Schizophrenia	37.5	35 to 39	477.506	475.449	479.572
Prevalence	China	Female	Schizophrenia	42.5	40 to 44	495.206	493.173	497.249
Prevalence	China	Female	Schizophrenia	47.5	45 to 49	506.337	504.287	508.395
Prevalence	China	Female	Schizophrenia	52.5	50 to 54	513.830	511.740	515.929
Prevalence	China	Female	Schizophrenia	57.5	55 to 59	517.312	515.153	519.480
Prevalence	China	Female	Schizophrenia	62.5	60 to 64	511.952	509.544	514.372
Prevalence	China	Female	Schizophrenia	67.5	65 to 69	477.851	475.406	480.309
Prevalence	China	Female	Schizophrenia	72.5	70 to 74	417.278	414.915	419.655
Prevalence	China	Female	Schizophrenia	77.5	75 to 79	337.170	334.978	339.376
Prevalence	China	Both	Schizophrenia	12.5	10 to 14	10.805	10.548	11.069
Prevalence	China	Both	Schizophrenia	17.5	15 to 19	82.833	82.070	83.603
Prevalence	China	Both	Schizophrenia	22.5	20 to 24	259.809	258.294	261.333
Prevalence	China	Both	Schizophrenia	27.5	25 to 29	409.673	407.717	411.638
Prevalence	China	Both	Schizophrenia	32.5	30 to 34	487.725	485.835	489.623
Prevalence	China	Both	Schizophrenia	37.5	35 to 39	524.654	522.811	526.503
Prevalence	China	Both	Schizophrenia	42.5	40 to 44	534.405	532.600	536.216
Prevalence	China	Both	Schizophrenia	47.5	45 to 49	538.659	536.854	540.471
Prevalence	China	Both	Schizophrenia	52.5	50 to 54	541.040	539.207	542.879
Prevalence	China	Both	Schizophrenia	57.5	55 to 59	540.651	538.761	542.546
Prevalence	China	Both	Schizophrenia	62.5	60 to 64	531.670	529.571	533.778
Prevalence	China	Both	Schizophrenia	67.5	65 to 69	491.145	489.021	493.279
Prevalence	China	Both	Schizophrenia	72.5	70 to 74	422.535	420.490	424.589
Prevalence	China	Both	Schizophrenia	77.5	75 to 79	334.843	332.951	336.746
DALYs	China	Male	Schizophrenia	12.5	10 to 14	8.185	8.031	8.342
DALYs	China	Male	Schizophrenia	17.5	15 to 19	60.971	60.520	61.425
DALYs	China	Male	Schizophrenia	22.5	20 to 24	193.301	192.393	194.214
DALYs	China	Male	Schizophrenia	27.5	25 to 29	302.786	301.612	303.966
DALYs	China	Male	Schizophrenia	32.5	30 to 34	356.183	355.052	357.317
DALYs	China	Male	Schizophrenia	37.5	35 to 39	375.475	374.380	376.573
DALYs	China	Male	Schizophrenia	42.5	40 to 44	373.259	372.201	374.319
DALYs	China	Male	Schizophrenia	47.5	45 to 49	367.008	365.965	368.053
DALYs	China	Male	Schizophrenia	52.5	50 to 54	360.556	359.511	361.605
DALYs	China	Male	Schizophrenia	57.5	55 to 59	352.791	351.727	353.858
DALYs	China	Male	Schizophrenia	62.5	60 to 64	338.477	337.316	339.643
DALYs	China	Male	Schizophrenia	67.5	65 to 69	302.703	301.549	303.862
DALYs	China	Male	Schizophrenia	72.5	70 to 74	250.578	249.487	251.675
DALYs	China	Male	Schizophrenia	77.5	75 to 79	189.730	188.733	190.732
DALYs	China	Female	Schizophrenia	12.5	10 to 14	7.173	6.970	7.383
DALYs	China	Female	Schizophrenia	17.5	15 to 19	51.446	50.863	52.036
DALYs	China	Female	Schizophrenia	22.5	20 to 24	155.962	154.832	157.102
DALYs	China	Female	Schizophrenia	27.5	25 to 29	241.644	240.211	243.086
DALYs	China	Female	Schizophrenia	32.5	30 to 34	286.346	284.976	287.721
DALYs	China	Female	Schizophrenia	37.5	35 to 39	309.133	307.805	310.468
DALYs	China	Female	Schizophrenia	42.5	40 to 44	316.510	315.208	317.818
DALYs	China	Female	Schizophrenia	47.5	45 to 49	318.821	317.522	320.126
DALYs	China	Female	Schizophrenia	52.5	50 to 54	317.840	316.533	319.153
DALYs	China	Female	Schizophrenia	57.5	55 to 59	313.908	312.577	315.245
DALYs	China	Female	Schizophrenia	62.5	60 to 64	303.849	302.393	305.312

DALYs	China	Female	Schizophrenia	67.5	65 to 69	275.918	274.470	277.373
DALYs	China	Female	Schizophrenia	72.5	70 to 74	233.894	232.524	235.272
DALYs	China	Female	Schizophrenia	77.5	75 to 79	183.263	182.016	184.519
DALYs	China	Both	Schizophrenia	12.5	10 to 14	7.678	7.505	7.856
DALYs	China	Both	Schizophrenia	17.5	15 to 19	56.278	55.775	56.785
DALYs	China	Both	Schizophrenia	22.5	20 to 24	175.144	174.148	176.146
DALYs	China	Both	Schizophrenia	27.5	25 to 29	273.105	271.828	274.388
DALYs	China	Both	Schizophrenia	32.5	30 to 34	322.141	320.916	323.371
DALYs	China	Both	Schizophrenia	37.5	35 to 39	342.916	341.729	344.107
DALYs	China	Both	Schizophrenia	42.5	40 to 44	345.262	344.108	346.419
DALYs	China	Both	Schizophrenia	47.5	45 to 49	343.150	342.007	344.297
DALYs	China	Both	Schizophrenia	52.5	50 to 54	339.328	338.180	340.480
DALYs	China	Both	Schizophrenia	57.5	55 to 59	333.356	332.188	334.529
DALYs	China	Both	Schizophrenia	62.5	60 to 64	320.966	319.690	322.247
DALYs	China	Both	Schizophrenia	67.5	65 to 69	288.845	287.579	290.117
DALYs	China	Both	Schizophrenia	72.5	70 to 74	241.650	240.453	242.852
DALYs	China	Both	Schizophrenia	77.5	75 to 79	186.039	184.950	187.134

Supplementary Table S9. Period effects (Rate Ratios) on schizophrenia incidence, prevalence, and DALYs rates in China estimated by the APC model, 2023–2052

measure	location	sex	cause	Period	label	Rate Ratio	CI _{Lo}	CI _{Hi}
Incidence	China	Male	Schizophrenia	2025.5	2023 to 2027	1.005	1.002	1.009
Incidence	China	Male	Schizophrenia	2030.5	2028 to 2032	1.004	1.001	1.008
Incidence	China	Male	Schizophrenia	2035.5	2033 to 2037	1.000	1.000	1.000
Incidence	China	Male	Schizophrenia	2040.5	2038 to 2042	0.999	0.995	1.003
Incidence	China	Male	Schizophrenia	2045.5	2043 to 2047	1.002	0.998	1.006
Incidence	China	Male	Schizophrenia	2050.5	2048 to 2052	1.011	1.007	1.015
Incidence	China	Female	Schizophrenia	2025.5	2023 to 2027	0.989	0.985	0.994
Incidence	China	Female	Schizophrenia	2030.5	2028 to 2032	0.998	0.993	1.003
Incidence	China	Female	Schizophrenia	2035.5	2033 to 2037	1.000	1.000	1.000
Incidence	China	Female	Schizophrenia	2040.5	2038 to 2042	1.006	1.001	1.011
Incidence	China	Female	Schizophrenia	2045.5	2043 to 2047	1.016	1.011	1.021
Incidence	China	Female	Schizophrenia	2050.5	2048 to 2052	1.032	1.026	1.038
Incidence	China	Both	Schizophrenia	2025.5	2023 to 2027	0.998	0.993	1.002
Incidence	China	Both	Schizophrenia	2030.5	2028 to 2032	1.001	0.997	1.005
Incidence	China	Both	Schizophrenia	2035.5	2033 to 2037	1.000	1.000	1.000
Incidence	China	Both	Schizophrenia	2040.5	2038 to 2042	1.002	0.998	1.007
Incidence	China	Both	Schizophrenia	2045.5	2043 to 2047	1.009	1.004	1.013
Incidence	China	Both	Schizophrenia	2050.5	2048 to 2052	1.021	1.017	1.026
Prevalence	China	Male	Schizophrenia	2025.5	2023 to 2027	1.011	1.008	1.013
Prevalence	China	Male	Schizophrenia	2030.5	2028 to 2032	1.008	1.005	1.010
Prevalence	China	Male	Schizophrenia	2035.5	2033 to 2037	1.000	1.000	1.000
Prevalence	China	Male	Schizophrenia	2040.5	2038 to 2042	0.994	0.992	0.997
Prevalence	China	Male	Schizophrenia	2045.5	2043 to 2047	0.991	0.989	0.994
Prevalence	China	Male	Schizophrenia	2050.5	2048 to 2052	0.992	0.990	0.995
Prevalence	China	Female	Schizophrenia	2025.5	2023 to 2027	0.997	0.993	1.000
Prevalence	China	Female	Schizophrenia	2030.5	2028 to 2032	1.003	0.999	1.006
Prevalence	China	Female	Schizophrenia	2035.5	2033 to 2037	1.000	1.000	1.000
Prevalence	China	Female	Schizophrenia	2040.5	2038 to 2042	0.999	0.996	1.003
Prevalence	China	Female	Schizophrenia	2045.5	2043 to 2047	1.001	0.998	1.005
Prevalence	China	Female	Schizophrenia	2050.5	2048 to 2052	1.007	1.004	1.011
Prevalence	China	Both	Schizophrenia	2025.5	2023 to 2027	1.004	1.001	1.006
Prevalence	China	Both	Schizophrenia	2030.5	2028 to 2032	1.005	1.002	1.008
Prevalence	China	Both	Schizophrenia	2035.5	2033 to 2037	1.000	1.000	1.000
Prevalence	China	Both	Schizophrenia	2040.5	2038 to 2042	0.997	0.994	1.000
Prevalence	China	Both	Schizophrenia	2045.5	2043 to 2047	0.997	0.994	1.000
Prevalence	China	Both	Schizophrenia	2050.5	2048 to 2052	1.000	0.997	1.004
DALYs	China	Male	Schizophrenia	2025.5	2023 to 2027	1.012	1.009	1.014
DALYs	China	Male	Schizophrenia	2030.5	2028 to 2032	1.008	1.006	1.010
DALYs	China	Male	Schizophrenia	2035.5	2033 to 2037	1.000	1.000	1.000
DALYs	China	Male	Schizophrenia	2040.5	2038 to 2042	0.994	0.992	0.996
DALYs	China	Male	Schizophrenia	2045.5	2043 to 2047	0.991	0.989	0.994
DALYs	China	Male	Schizophrenia	2050.5	2048 to 2052	0.992	0.990	0.995
DALYs	China	Female	Schizophrenia	2025.5	2023 to 2027	1.005	1.001	1.008
DALYs	China	Female	Schizophrenia	2030.5	2028 to 2032	1.007	1.004	1.010
DALYs	China	Female	Schizophrenia	2035.5	2033 to 2037	1.000	1.000	1.000
DALYs	China	Female	Schizophrenia	2040.5	2038 to 2042	0.995	0.992	0.999
DALYs	China	Female	Schizophrenia	2045.5	2043 to 2047	0.994	0.990	0.997
DALYs	China	Female	Schizophrenia	2050.5	2048 to 2052	0.996	0.992	1.000
DALYs	China	Both	Schizophrenia	2025.5	2023 to 2027	1.007	1.005	1.010
DALYs	China	Both	Schizophrenia	2030.5	2028 to 2032	1.007	1.004	1.010
DALYs	China	Both	Schizophrenia	2035.5	2033 to 2037	1.000	1.000	1.000
DALYs	China	Both	Schizophrenia	2040.5	2038 to 2042	0.995	0.992	0.998

DALYs	China	Both	Schizophrenia	2045.5	2043 to 2047	0.993	0.990	0.996
DALYs	China	Both	Schizophrenia	2050.5	2048 to 2052	0.996	0.993	0.999

Supplementary Table S10. Cohort effects (Rate Ratios) on schizophrenia incidence, prevalence, and DALYs rates in China estimated by the APC model, 2023–2052

measure	location	sex	cause	Cohort	label	Rate Ratio	CI _{Lo}	CI _{Hi}
Incidence	China	Male	Schizophrenia	1948	1946 to 1950	0.998	0.959	1.038
Incidence	China	Male	Schizophrenia	1953	1951 to 1955	1.000	0.983	1.017
Incidence	China	Male	Schizophrenia	1958	1956 to 1960	0.989	0.978	1.000
Incidence	China	Male	Schizophrenia	1963	1961 to 1965	0.990	0.982	0.998
Incidence	China	Male	Schizophrenia	1968	1966 to 1970	0.996	0.990	1.003
Incidence	China	Male	Schizophrenia	1973	1971 to 1975	1.004	0.998	1.010
Incidence	China	Male	Schizophrenia	1978	1976 to 1980	1.006	1.000	1.012
Incidence	China	Male	Schizophrenia	1983	1981 to 1985	1.009	1.004	1.015
Incidence	China	Male	Schizophrenia	1988	1986 to 1990	1.010	1.005	1.015
Incidence	China	Male	Schizophrenia	1993	1991 to 1995	1.000	1.000	1.000
Incidence	China	Male	Schizophrenia	1998	1996 to 2000	1.002	0.996	1.007
Incidence	China	Male	Schizophrenia	2003	2001 to 2005	1.007	1.002	1.013
Incidence	China	Male	Schizophrenia	2008	2006 to 2010	1.010	1.004	1.016
Incidence	China	Male	Schizophrenia	2013	2011 to 2015	1.005	0.999	1.011
Incidence	China	Male	Schizophrenia	2018	2016 to 2020	1.002	0.996	1.008
Incidence	China	Male	Schizophrenia	2023	2021 to 2025	1.001	0.994	1.009
Incidence	China	Male	Schizophrenia	2028	2026 to 2030	1.002	0.994	1.011
Incidence	China	Male	Schizophrenia	2033	2031 to 2035	1.003	0.991	1.015
Incidence	China	Male	Schizophrenia	2038	2036 to 2040	1.005	0.979	1.032
Incidence	China	Female	Schizophrenia	1948	1946 to 1950	0.924	0.877	0.974
Incidence	China	Female	Schizophrenia	1953	1951 to 1955	0.935	0.914	0.957
Incidence	China	Female	Schizophrenia	1958	1956 to 1960	0.934	0.919	0.948
Incidence	China	Female	Schizophrenia	1963	1961 to 1965	0.942	0.931	0.953
Incidence	China	Female	Schizophrenia	1968	1966 to 1970	0.952	0.943	0.960
Incidence	China	Female	Schizophrenia	1973	1971 to 1975	0.966	0.958	0.974
Incidence	China	Female	Schizophrenia	1978	1976 to 1980	0.981	0.974	0.989
Incidence	China	Female	Schizophrenia	1983	1981 to 1985	0.996	0.989	1.003
Incidence	China	Female	Schizophrenia	1988	1986 to 1990	1.005	0.998	1.012
Incidence	China	Female	Schizophrenia	1993	1991 to 1995	1.000	1.000	1.000
Incidence	China	Female	Schizophrenia	1998	1996 to 2000	1.005	0.998	1.012
Incidence	China	Female	Schizophrenia	2003	2001 to 2005	1.018	1.010	1.026
Incidence	China	Female	Schizophrenia	2008	2006 to 2010	1.029	1.020	1.037
Incidence	China	Female	Schizophrenia	2013	2011 to 2015	1.029	1.020	1.038
Incidence	China	Female	Schizophrenia	2018	2016 to 2020	1.032	1.023	1.042
Incidence	China	Female	Schizophrenia	2023	2021 to 2025	1.038	1.027	1.048
Incidence	China	Female	Schizophrenia	2028	2026 to 2030	1.044	1.031	1.057
Incidence	China	Female	Schizophrenia	2033	2031 to 2035	1.050	1.032	1.069
Incidence	China	Female	Schizophrenia	2038	2036 to 2040	1.059	1.020	1.099
Incidence	China	Both	Schizophrenia	1948	1946 to 1950	0.965	0.922	1.010
Incidence	China	Both	Schizophrenia	1953	1951 to 1955	0.971	0.952	0.990
Incidence	China	Both	Schizophrenia	1958	1956 to 1960	0.965	0.952	0.977
Incidence	China	Both	Schizophrenia	1963	1961 to 1965	0.968	0.959	0.977
Incidence	China	Both	Schizophrenia	1968	1966 to 1970	0.976	0.969	0.984
Incidence	China	Both	Schizophrenia	1973	1971 to 1975	0.987	0.980	0.994
Incidence	China	Both	Schizophrenia	1978	1976 to 1980	0.995	0.988	1.001
Incidence	China	Both	Schizophrenia	1983	1981 to 1985	1.003	0.997	1.009
Incidence	China	Both	Schizophrenia	1988	1986 to 1990	1.007	1.001	1.012
Incidence	China	Both	Schizophrenia	1993	1991 to 1995	1.000	1.000	1.000
Incidence	China	Both	Schizophrenia	1998	1996 to 2000	1.005	0.999	1.012
Incidence	China	Both	Schizophrenia	2003	2001 to 2005	1.017	1.010	1.023
Incidence	China	Both	Schizophrenia	2008	2006 to 2010	1.024	1.017	1.030

Incidence	China	Both	Schizophrenia	2013	2011 to 2015	1.020	1.013	1.028
Incidence	China	Both	Schizophrenia	2018	2016 to 2020	1.019	1.012	1.027
Incidence	China	Both	Schizophrenia	2023	2021 to 2025	1.021	1.013	1.030
Incidence	China	Both	Schizophrenia	2028	2026 to 2030	1.024	1.014	1.035
Incidence	China	Both	Schizophrenia	2033	2031 to 2035	1.027	1.013	1.042
Incidence	China	Both	Schizophrenia	2038	2036 to 2040	1.033	1.001	1.065
Prevalence	China	Male	Schizophrenia	1948	1946 to 1950	1.039	1.027	1.052
Prevalence	China	Male	Schizophrenia	1953	1951 to 1955	1.038	1.030	1.045
Prevalence	China	Male	Schizophrenia	1958	1956 to 1960	1.029	1.023	1.034
Prevalence	China	Male	Schizophrenia	1963	1961 to 1965	1.028	1.023	1.033
Prevalence	China	Male	Schizophrenia	1968	1966 to 1970	1.027	1.023	1.031
Prevalence	China	Male	Schizophrenia	1973	1971 to 1975	1.024	1.020	1.027
Prevalence	China	Male	Schizophrenia	1978	1976 to 1980	1.020	1.017	1.023
Prevalence	China	Male	Schizophrenia	1983	1981 to 1985	1.021	1.018	1.024
Prevalence	China	Male	Schizophrenia	1988	1986 to 1990	1.016	1.013	1.019
Prevalence	China	Male	Schizophrenia	1993	1991 to 1995	1.000	1.000	1.000
Prevalence	China	Male	Schizophrenia	1998	1996 to 2000	0.999	0.996	1.002
Prevalence	China	Male	Schizophrenia	2003	2001 to 2005	0.999	0.996	1.003
Prevalence	China	Male	Schizophrenia	2008	2006 to 2010	0.995	0.991	0.999
Prevalence	China	Male	Schizophrenia	2013	2011 to 2015	0.988	0.984	0.992
Prevalence	China	Male	Schizophrenia	2018	2016 to 2020	0.983	0.978	0.988
Prevalence	China	Male	Schizophrenia	2023	2021 to 2025	0.979	0.973	0.985
Prevalence	China	Male	Schizophrenia	2028	2026 to 2030	0.975	0.965	0.984
Prevalence	China	Male	Schizophrenia	2033	2031 to 2035	0.968	0.951	0.986
Prevalence	China	Male	Schizophrenia	2038	2036 to 2040	0.964	0.914	1.018
Prevalence	China	Female	Schizophrenia	1948	1946 to 1950	0.981	0.967	0.996
Prevalence	China	Female	Schizophrenia	1953	1951 to 1955	0.986	0.977	0.995
Prevalence	China	Female	Schizophrenia	1958	1956 to 1960	0.986	0.978	0.993
Prevalence	China	Female	Schizophrenia	1963	1961 to 1965	0.991	0.985	0.997
Prevalence	China	Female	Schizophrenia	1968	1966 to 1970	0.995	0.990	1.000
Prevalence	China	Female	Schizophrenia	1973	1971 to 1975	1.000	0.995	1.005
Prevalence	China	Female	Schizophrenia	1978	1976 to 1980	1.007	1.003	1.012
Prevalence	China	Female	Schizophrenia	1983	1981 to 1985	1.017	1.012	1.021
Prevalence	China	Female	Schizophrenia	1988	1986 to 1990	1.016	1.012	1.020
Prevalence	China	Female	Schizophrenia	1993	1991 to 1995	1.000	1.000	1.000
Prevalence	China	Female	Schizophrenia	1998	1996 to 2000	1.001	0.997	1.006
Prevalence	China	Female	Schizophrenia	2003	2001 to 2005	1.010	1.005	1.015
Prevalence	China	Female	Schizophrenia	2008	2006 to 2010	1.013	1.007	1.018
Prevalence	China	Female	Schizophrenia	2013	2011 to 2015	1.011	1.005	1.017
Prevalence	China	Female	Schizophrenia	2018	2016 to 2020	1.012	1.004	1.019
Prevalence	China	Female	Schizophrenia	2023	2021 to 2025	1.012	1.002	1.021
Prevalence	China	Female	Schizophrenia	2028	2026 to 2030	1.011	0.997	1.026
Prevalence	China	Female	Schizophrenia	2033	2031 to 2035	1.009	0.982	1.038
Prevalence	China	Female	Schizophrenia	2038	2036 to 2040	1.010	0.931	1.095
Prevalence	China	Both	Schizophrenia	1948	1946 to 1950	1.010	0.997	1.023
Prevalence	China	Both	Schizophrenia	1953	1951 to 1955	1.012	1.004	1.020
Prevalence	China	Both	Schizophrenia	1958	1956 to 1960	1.008	1.001	1.014
Prevalence	China	Both	Schizophrenia	1963	1961 to 1965	1.010	1.005	1.015
Prevalence	China	Both	Schizophrenia	1968	1966 to 1970	1.011	1.007	1.016
Prevalence	China	Both	Schizophrenia	1973	1971 to 1975	1.013	1.008	1.017
Prevalence	China	Both	Schizophrenia	1978	1976 to 1980	1.014	1.010	1.018
Prevalence	China	Both	Schizophrenia	1983	1981 to 1985	1.019	1.015	1.023
Prevalence	China	Both	Schizophrenia	1988	1986 to 1990	1.015	1.012	1.019
Prevalence	China	Both	Schizophrenia	1993	1991 to 1995	1.000	1.000	1.000
Prevalence	China	Both	Schizophrenia	1998	1996 to 2000	1.002	0.998	1.006
Prevalence	China	Both	Schizophrenia	2003	2001 to 2005	1.008	1.004	1.013

Prevalence	China	Both	Schizophrenia	2008	2006 to 2010	1.008	1.003	1.012
Prevalence	China	Both	Schizophrenia	2013	2011 to 2015	1.003	0.998	1.008
Prevalence	China	Both	Schizophrenia	2018	2016 to 2020	1.000	0.994	1.006
Prevalence	China	Both	Schizophrenia	2023	2021 to 2025	0.997	0.989	1.005
Prevalence	China	Both	Schizophrenia	2028	2026 to 2030	0.995	0.983	1.006
Prevalence	China	Both	Schizophrenia	2033	2031 to 2035	0.990	0.968	1.013
Prevalence	China	Both	Schizophrenia	2038	2036 to 2040	0.988	0.926	1.055
DALYs	China	Male	Schizophrenia	1948	1946 to 1950	1.040	1.027	1.053
DALYs	China	Male	Schizophrenia	1953	1951 to 1955	1.038	1.031	1.046
DALYs	China	Male	Schizophrenia	1958	1956 to 1960	1.029	1.023	1.035
DALYs	China	Male	Schizophrenia	1963	1961 to 1965	1.028	1.023	1.033
DALYs	China	Male	Schizophrenia	1968	1966 to 1970	1.026	1.022	1.030
DALYs	China	Male	Schizophrenia	1973	1971 to 1975	1.023	1.019	1.026
DALYs	China	Male	Schizophrenia	1978	1976 to 1980	1.019	1.016	1.023
DALYs	China	Male	Schizophrenia	1983	1981 to 1985	1.020	1.017	1.024
DALYs	China	Male	Schizophrenia	1988	1986 to 1990	1.016	1.013	1.019
DALYs	China	Male	Schizophrenia	1993	1991 to 1995	1.000	1.000	1.000
DALYs	China	Male	Schizophrenia	1998	1996 to 2000	1.000	0.997	1.003
DALYs	China	Male	Schizophrenia	2003	2001 to 2005	1.001	0.997	1.004
DALYs	China	Male	Schizophrenia	2008	2006 to 2010	0.995	0.991	0.999
DALYs	China	Male	Schizophrenia	2013	2011 to 2015	0.987	0.983	0.991
DALYs	China	Male	Schizophrenia	2018	2016 to 2020	0.982	0.977	0.986
DALYs	China	Male	Schizophrenia	2023	2021 to 2025	0.977	0.971	0.983
DALYs	China	Male	Schizophrenia	2028	2026 to 2030	0.972	0.963	0.981
DALYs	China	Male	Schizophrenia	2033	2031 to 2035	0.966	0.949	0.983
DALYs	China	Male	Schizophrenia	2038	2036 to 2040	0.961	0.913	1.012
DALYs	China	Female	Schizophrenia	1948	1946 to 1950	1.014	0.998	1.030
DALYs	China	Female	Schizophrenia	1953	1951 to 1955	1.015	1.006	1.025
DALYs	China	Female	Schizophrenia	1958	1956 to 1960	1.011	1.003	1.019
DALYs	China	Female	Schizophrenia	1963	1961 to 1965	1.013	1.006	1.019
DALYs	China	Female	Schizophrenia	1968	1966 to 1970	1.013	1.007	1.018
DALYs	China	Female	Schizophrenia	1973	1971 to 1975	1.015	1.010	1.020
DALYs	China	Female	Schizophrenia	1978	1976 to 1980	1.019	1.015	1.024
DALYs	China	Female	Schizophrenia	1983	1981 to 1985	1.025	1.020	1.029
DALYs	China	Female	Schizophrenia	1988	1986 to 1990	1.020	1.015	1.024
DALYs	China	Female	Schizophrenia	1993	1991 to 1995	1.000	1.000	1.000
DALYs	China	Female	Schizophrenia	1998	1996 to 2000	0.998	0.994	1.003
DALYs	China	Female	Schizophrenia	2003	2001 to 2005	1.005	0.999	1.010
DALYs	China	Female	Schizophrenia	2008	2006 to 2010	1.004	0.998	1.009
DALYs	China	Female	Schizophrenia	2013	2011 to 2015	0.996	0.990	1.003
DALYs	China	Female	Schizophrenia	2018	2016 to 2020	0.991	0.984	0.998
DALYs	China	Female	Schizophrenia	2023	2021 to 2025	0.985	0.976	0.995
DALYs	China	Female	Schizophrenia	2028	2026 to 2030	0.980	0.966	0.994
DALYs	China	Female	Schizophrenia	2033	2031 to 2035	0.972	0.946	0.999
DALYs	China	Female	Schizophrenia	2038	2036 to 2040	0.967	0.894	1.046
DALYs	China	Both	Schizophrenia	1948	1946 to 1950	1.027	1.013	1.042
DALYs	China	Both	Schizophrenia	1953	1951 to 1955	1.027	1.019	1.036
DALYs	China	Both	Schizophrenia	1958	1956 to 1960	1.021	1.014	1.027
DALYs	China	Both	Schizophrenia	1963	1961 to 1965	1.020	1.015	1.026
DALYs	China	Both	Schizophrenia	1968	1966 to 1970	1.020	1.015	1.024
DALYs	China	Both	Schizophrenia	1973	1971 to 1975	1.019	1.015	1.024
DALYs	China	Both	Schizophrenia	1978	1976 to 1980	1.019	1.015	1.023
DALYs	China	Both	Schizophrenia	1983	1981 to 1985	1.022	1.019	1.026
DALYs	China	Both	Schizophrenia	1988	1986 to 1990	1.017	1.013	1.020
DALYs	China	Both	Schizophrenia	1993	1991 to 1995	1.000	1.000	1.000
DALYs	China	Both	Schizophrenia	1998	1996 to 2000	1.002	0.998	1.006

DALYs	China	Both	Schizophrenia	2003	2001 to 2005	1.007	1.003	1.011
DALYs	China	Both	Schizophrenia	2008	2006 to 2010	1.005	1.000	1.009
DALYs	China	Both	Schizophrenia	2013	2011 to 2015	0.997	0.992	1.002
DALYs	China	Both	Schizophrenia	2018	2016 to 2020	0.991	0.985	0.996
DALYs	China	Both	Schizophrenia	2023	2021 to 2025	0.985	0.978	0.993
DALYs	China	Both	Schizophrenia	2028	2026 to 2030	0.980	0.970	0.991
DALYs	China	Both	Schizophrenia	2033	2031 to 2035	0.974	0.953	0.995
DALYs	China	Both	Schizophrenia	2038	2036 to 2040	0.969	0.911	1.031

Supplementary Table S11. Estimated annual percentage change (local and net drift) in schizophrenia incidence, prevalence, and DALYs rates by sex and age in China, 2023–2052

measure	location	sex	cause	Drift (%/yr)	CI Lo	CI Hi
Incidence	China	Male	Schizophrenia	0.010	-0.003	0.024
Incidence	China	Female	Schizophrenia	0.155	0.136	0.173
Incidence	China	Both	Schizophrenia	0.082	0.066	0.098
Prevalence	China	Male	Schizophrenia	-0.085	-0.096	-0.074
Prevalence	China	Female	Schizophrenia	0.028	0.012	0.044
Prevalence	China	Both	Schizophrenia	-0.025	-0.037	-0.012
DALYs	China	Male	Schizophrenia	-0.087	-0.097	-0.077
DALYs	China	Female	Schizophrenia	-0.051	-0.066	-0.035
DALYs	China	Both	Schizophrenia	-0.060	-0.073	-0.048

measure	location	sex	cause	Age	label	ent per	CI Lo	CI Hi
Incidence	China	Male	Schizophrenia	12.5	10 to 14	0.003	-0.075	0.080
Incidence	China	Male	Schizophrenia	17.5	15 to 19	-0.026	-0.061	0.010
Incidence	China	Male	Schizophrenia	22.5	20 to 24	-0.031	-0.056	-0.005
Incidence	China	Male	Schizophrenia	27.5	25 to 29	-0.012	-0.035	0.011
Incidence	China	Male	Schizophrenia	32.5	30 to 34	0.013	-0.010	0.035
Incidence	China	Male	Schizophrenia	37.5	35 to 39	0.006	-0.017	0.029
Incidence	China	Male	Schizophrenia	42.5	40 to 44	-0.002	-0.026	0.022
Incidence	China	Male	Schizophrenia	47.5	45 to 49	-0.015	-0.039	0.009
Incidence	China	Male	Schizophrenia	52.5	50 to 54	-0.016	-0.039	0.007
Incidence	China	Male	Schizophrenia	57.5	55 to 59	0.022	0.000	0.045
Incidence	China	Male	Schizophrenia	62.5	60 to 64	0.080	0.054	0.106
Incidence	China	Male	Schizophrenia	67.5	65 to 69	0.090	0.054	0.125
Incidence	China	Male	Schizophrenia	72.5	70 to 74	0.047	-0.006	0.101
Incidence	China	Male	Schizophrenia	77.5	75 to 79	0.013	-0.106	0.132
Incidence	China	Female	Schizophrenia	12.5	10 to 14	0.116	0.005	0.227
Incidence	China	Female	Schizophrenia	17.5	15 to 19	0.087	0.034	0.140
Incidence	China	Female	Schizophrenia	22.5	20 to 24	0.088	0.050	0.126
Incidence	China	Female	Schizophrenia	27.5	25 to 29	0.114	0.080	0.149
Incidence	China	Female	Schizophrenia	32.5	30 to 34	0.137	0.104	0.170
Incidence	China	Female	Schizophrenia	37.5	35 to 39	0.125	0.091	0.158
Incidence	China	Female	Schizophrenia	42.5	40 to 44	0.117	0.084	0.151
Incidence	China	Female	Schizophrenia	47.5	45 to 49	0.118	0.085	0.151
Incidence	China	Female	Schizophrenia	52.5	50 to 54	0.151	0.118	0.183
Incidence	China	Female	Schizophrenia	57.5	55 to 59	0.218	0.187	0.250
Incidence	China	Female	Schizophrenia	62.5	60 to 64	0.273	0.237	0.309
Incidence	China	Female	Schizophrenia	67.5	65 to 69	0.265	0.216	0.314
Incidence	China	Female	Schizophrenia	72.5	70 to 74	0.203	0.131	0.275
Incidence	China	Female	Schizophrenia	77.5	75 to 79	0.163	0.006	0.320
Incidence	China	Both	Schizophrenia	12.5	10 to 14	0.049	-0.042	0.141
Incidence	China	Both	Schizophrenia	17.5	15 to 19	0.018	-0.025	0.061
Incidence	China	Both	Schizophrenia	22.5	20 to 24	0.017	-0.014	0.048
Incidence	China	Both	Schizophrenia	27.5	25 to 29	0.047	0.020	0.075
Incidence	China	Both	Schizophrenia	32.5	30 to 34	0.084	0.057	0.111
Incidence	China	Both	Schizophrenia	37.5	35 to 39	0.085	0.057	0.112
Incidence	China	Both	Schizophrenia	42.5	40 to 44	0.077	0.049	0.105
Incidence	China	Both	Schizophrenia	47.5	45 to 49	0.062	0.034	0.090
Incidence	China	Both	Schizophrenia	52.5	50 to 54	0.064	0.037	0.091
Incidence	China	Both	Schizophrenia	57.5	55 to 59	0.108	0.081	0.135
Incidence	China	Both	Schizophrenia	62.5	60 to 64	0.164	0.133	0.194

Incidence	China	Both	Schizophrenia	67.5	65 to 69	0.166	0.125	0.207
Incidence	China	Both	Schizophrenia	72.5	70 to 74	0.114	0.053	0.176
Incidence	China	Both	Schizophrenia	77.5	75 to 79	0.076	-0.060	0.212
Prevalence	China	Male	Schizophrenia	12.5	10 to 14	-0.098	-0.257	0.062
Prevalence	China	Male	Schizophrenia	17.5	15 to 19	-0.103	-0.159	-0.047
Prevalence	China	Male	Schizophrenia	22.5	20 to 24	-0.103	-0.132	-0.073
Prevalence	China	Male	Schizophrenia	27.5	25 to 29	-0.089	-0.110	-0.069
Prevalence	China	Male	Schizophrenia	32.5	30 to 34	-0.070	-0.086	-0.053
Prevalence	China	Male	Schizophrenia	37.5	35 to 39	-0.087	-0.102	-0.072
Prevalence	China	Male	Schizophrenia	42.5	40 to 44	-0.103	-0.118	-0.089
Prevalence	China	Male	Schizophrenia	47.5	45 to 49	-0.105	-0.120	-0.091
Prevalence	China	Male	Schizophrenia	52.5	50 to 54	-0.107	-0.121	-0.094
Prevalence	China	Male	Schizophrenia	57.5	55 to 59	-0.088	-0.101	-0.074
Prevalence	China	Male	Schizophrenia	62.5	60 to 64	-0.046	-0.060	-0.031
Prevalence	China	Male	Schizophrenia	67.5	65 to 69	-0.036	-0.054	-0.019
Prevalence	China	Male	Schizophrenia	72.5	70 to 74	-0.058	-0.081	-0.036
Prevalence	China	Male	Schizophrenia	77.5	75 to 79	-0.062	-0.098	-0.026
Prevalence	China	Female	Schizophrenia	12.5	10 to 14	-0.008	-0.247	0.232
Prevalence	China	Female	Schizophrenia	17.5	15 to 19	-0.009	-0.094	0.077
Prevalence	China	Female	Schizophrenia	22.5	20 to 24	0.001	-0.044	0.047
Prevalence	China	Female	Schizophrenia	27.5	25 to 29	0.031	-0.001	0.063
Prevalence	China	Female	Schizophrenia	32.5	30 to 34	0.051	0.026	0.077
Prevalence	China	Female	Schizophrenia	37.5	35 to 39	0.013	-0.010	0.035
Prevalence	China	Female	Schizophrenia	42.5	40 to 44	-0.021	-0.042	0.001
Prevalence	China	Female	Schizophrenia	47.5	45 to 49	-0.027	-0.048	-0.007
Prevalence	China	Female	Schizophrenia	52.5	50 to 54	-0.010	-0.029	0.010
Prevalence	China	Female	Schizophrenia	57.5	55 to 59	0.046	0.028	0.065
Prevalence	China	Female	Schizophrenia	62.5	60 to 64	0.112	0.092	0.131
Prevalence	China	Female	Schizophrenia	67.5	65 to 69	0.120	0.097	0.142
Prevalence	China	Female	Schizophrenia	72.5	70 to 74	0.088	0.059	0.116
Prevalence	China	Female	Schizophrenia	77.5	75 to 79	0.073	0.028	0.119
Prevalence	China	Both	Schizophrenia	12.5	10 to 14	-0.060	-0.253	0.133
Prevalence	China	Both	Schizophrenia	17.5	15 to 19	-0.066	-0.134	0.002
Prevalence	China	Both	Schizophrenia	22.5	20 to 24	-0.060	-0.096	-0.024
Prevalence	China	Both	Schizophrenia	27.5	25 to 29	-0.032	-0.057	-0.007
Prevalence	China	Both	Schizophrenia	32.5	30 to 34	0.000	-0.020	0.021
Prevalence	China	Both	Schizophrenia	37.5	35 to 39	-0.018	-0.037	0.000
Prevalence	China	Both	Schizophrenia	42.5	40 to 44	-0.042	-0.060	-0.025
Prevalence	China	Both	Schizophrenia	47.5	45 to 49	-0.054	-0.071	-0.037
Prevalence	China	Both	Schizophrenia	52.5	50 to 54	-0.056	-0.072	-0.040
Prevalence	China	Both	Schizophrenia	57.5	55 to 59	-0.025	-0.040	-0.009
Prevalence	China	Both	Schizophrenia	62.5	60 to 64	0.029	0.012	0.045
Prevalence	China	Both	Schizophrenia	67.5	65 to 69	0.040	0.020	0.059
Prevalence	China	Both	Schizophrenia	72.5	70 to 74	0.015	-0.010	0.040
Prevalence	China	Both	Schizophrenia	77.5	75 to 79	0.008	-0.032	0.048
DALYs	China	Male	Schizophrenia	12.5	10 to 14	-0.107	-0.260	0.045
DALYs	China	Male	Schizophrenia	17.5	15 to 19	-0.115	-0.170	-0.061
DALYs	China	Male	Schizophrenia	22.5	20 to 24	-0.118	-0.147	-0.089
DALYs	China	Male	Schizophrenia	27.5	25 to 29	-0.105	-0.125	-0.085
DALYs	China	Male	Schizophrenia	32.5	30 to 34	-0.079	-0.095	-0.062
DALYs	China	Male	Schizophrenia	37.5	35 to 39	-0.090	-0.105	-0.075
DALYs	China	Male	Schizophrenia	42.5	40 to 44	-0.098	-0.112	-0.084
DALYs	China	Male	Schizophrenia	47.5	45 to 49	-0.096	-0.110	-0.082
DALYs	China	Male	Schizophrenia	52.5	50 to 54	-0.099	-0.113	-0.085
DALYs	China	Male	Schizophrenia	57.5	55 to 59	-0.085	-0.099	-0.071
DALYs	China	Male	Schizophrenia	62.5	60 to 64	-0.045	-0.060	-0.031

DALYs	China	Male	Schizophrenia	67.5	65 to 69	-0.040	-0.058	-0.022
DALYs	China	Male	Schizophrenia	72.5	70 to 74	-0.063	-0.087	-0.040
DALYs	China	Male	Schizophrenia	77.5	75 to 79	-0.068	-0.106	-0.029
DALYs	China	Female	Schizophrenia	12.5	10 to 14	-0.121	-0.352	0.110
DALYs	China	Female	Schizophrenia	17.5	15 to 19	-0.123	-0.207	-0.039
DALYs	China	Female	Schizophrenia	22.5	20 to 24	-0.106	-0.152	-0.061
DALYs	China	Female	Schizophrenia	27.5	25 to 29	-0.065	-0.096	-0.033
DALYs	China	Female	Schizophrenia	32.5	30 to 34	-0.030	-0.055	-0.005
DALYs	China	Female	Schizophrenia	37.5	35 to 39	-0.057	-0.079	-0.034
DALYs	China	Female	Schizophrenia	42.5	40 to 44	-0.087	-0.108	-0.065
DALYs	China	Female	Schizophrenia	47.5	45 to 49	-0.098	-0.119	-0.078
DALYs	China	Female	Schizophrenia	52.5	50 to 54	-0.084	-0.104	-0.065
DALYs	China	Female	Schizophrenia	57.5	55 to 59	-0.026	-0.045	-0.007
DALYs	China	Female	Schizophrenia	62.5	60 to 64	0.042	0.022	0.062
DALYs	China	Female	Schizophrenia	67.5	65 to 69	0.052	0.028	0.076
DALYs	China	Female	Schizophrenia	72.5	70 to 74	0.019	-0.011	0.049
DALYs	China	Female	Schizophrenia	77.5	75 to 79	0.000	-0.048	0.048
DALYs	China	Both	Schizophrenia	12.5	10 to 14	-0.114	-0.297	0.070
DALYs	China	Both	Schizophrenia	17.5	15 to 19	-0.121	-0.187	-0.055
DALYs	China	Both	Schizophrenia	22.5	20 to 24	-0.114	-0.149	-0.079
DALYs	China	Both	Schizophrenia	27.5	25 to 29	-0.080	-0.105	-0.056
DALYs	China	Both	Schizophrenia	32.5	30 to 34	-0.037	-0.057	-0.017
DALYs	China	Both	Schizophrenia	37.5	35 to 39	-0.046	-0.064	-0.028
DALYs	China	Both	Schizophrenia	42.5	40 to 44	-0.065	-0.083	-0.048
DALYs	China	Both	Schizophrenia	47.5	45 to 49	-0.079	-0.095	-0.062
DALYs	China	Both	Schizophrenia	52.5	50 to 54	-0.086	-0.102	-0.069
DALYs	China	Both	Schizophrenia	57.5	55 to 59	-0.058	-0.074	-0.043
DALYs	China	Both	Schizophrenia	62.5	60 to 64	-0.006	-0.022	0.011
DALYs	China	Both	Schizophrenia	67.5	65 to 69	0.004	-0.017	0.024
DALYs	China	Both	Schizophrenia	72.5	70 to 74	-0.024	-0.050	0.002
DALYs	China	Both	Schizophrenia	77.5	75 to 79	-0.035	-0.077	0.008