

Table S1. Detailed information on the IVs used in the MR analyses for the causal effect of basophil count o

chr	pos	SNP	effect_allele e.exposure	other_allele e.exposure	effect_allele e.outcome	other_allele e.outcome	beta.exposure
8	55422440	rs10104003	T	C	T	C	-0.0256127
9	115918552	rs10121164	A	G	A	G	-0.0221606
18	48147876	rs1025688	A	G	A	G	0.0233885
10	13558641	rs10752308	A	G	A	G	-0.0210245
12	88845035	rs10858740	G	A	G	A	-0.0255937
10	99075300	rs10882895	G	A	G	A	0.0468182
2	219020958	rs11405063	T	C	T	C	-0.168526
6	16744687	rs1144700	T	C	T	C	-0.034444
1	111604823	rs1149193	A	G	A	G	-0.0218567
19	45742094	rs11673093	A	G	A	G	-0.0481685
2	169710607	rs11678685	A	G	A	G	0.0295942
4	74959996	rs11725704	G	A	G	A	0.0729688
4	705074	rs11734460	T	C	T	C	0.0258943
3	47262246	rs11920354	A	C	A	C	-0.0210252
4	7047102	rs11931598	T	C	T	C	-0.0222846
1	247601595	rs12239046	C	T	C	T	0.0325742
10	25211291	rs12266014	T	C	T	C	-0.0440665
15	41782684	rs12440045	C	A	C	A	-0.0240682
8	22966769	rs12550612	A	G	A	G	-0.0303817
15	51058629	rs12593998	C	A	C	A	-0.0245573
17	38163295	rs12600856	C	T	C	T	0.121938
2	27730940	rs1260326	C	T	C	T	-0.0325166
5	179152106	rs12656648	A	C	A	C	-0.0245763
17	16168784	rs12936529	T	C	T	C	-0.0381967
4	145031841	rs13125760	T	C	T	C	-0.0207507
4	120168588	rs13139045	C	T	C	T	-0.0202835
8	142338776	rs13249310	C	T	C	T	-0.0289164
6	7211751	rs1334577	A	G	A	G	-0.0247431
4	72617775	rs1352846	G	A	G	A	-0.0254518
11	308314	rs14408	C	T	C	T	0.0523375
1	27121930	rs14609110	A	G	A	G	-0.0573872
3	141008123	rs1567558	G	A	G	A	-0.0254724
13	50121511	rs1570884	G	A	G	A	0.0236259
4	74703999	rs16850073	T	C	T	C	0.0532695
6	42515791	rs16895831	T	C	T	C	0.0284246
18	42113151	rs16978075	C	T	C	T	0.0367062
6	32066177	rs17421624	C	T	C	T	0.0387602
10	44881660	rs17885289	T	C	T	C	-0.0223103
20	43042364	rs1800961	T	C	T	C	-0.0696768
11	59959843	rs1834550	C	T	C	T	-0.0200106
1	66105944	rs1892534	T	C	T	C	-0.0471153
8	130624816	rs1982094	T	C	T	C	-0.0711671
14	25461989	rs2038700	C	T	C	T	0.0352193
5	148200553	rs2082382	A	G	A	G	-0.0359256
6	159470058	rs212409	A	G	A	G	-0.025413
9	136921464	rs2157770	G	A	G	A	0.0216855
4	55408999	rs218265	C	T	C	T	0.0414956
1	236090155	rs2208568	C	T	C	T	-0.0626016

10	91004916	rs2246941	A	C	A	C	0.0215573
7	6704332	rs2251188	G	A	G	A	0.0213674
5	71728688	rs2338224	G	A	G	A	-0.0419011
7	148779032	rs2373437	C	T	C	T	-0.0228586
8	103852407	rs2436845	A	G	A	G	-0.0215608
5	141539339	rs249677	A	C	A	C	0.028047
13	28612886	rs2504235	G	A	G	A	0.0257358
6	31242174	rs2524079	A	G	A	G	0.0635231
7	36085142	rs2700938	C	T	C	T	0.0203728
10	81047575	rs2802372	C	A	C	A	-0.0204912
10	28784483	rs2807740	T	C	T	C	0.0405209
11	113957197	rs2846630	A	G	A	G	0.0268188
8	30280833	rs2979489	A	G	A	G	0.0281169
9	276053	rs2992836	T	G	T	G	0.0296304
16	85936978	rs305082	C	T	C	T	0.0383383
12	111884608	rs3184504	C	T	C	T	-0.0259686
1	159175494	rs34599082	T	C	T	C	-0.170161
7	45009341	rs3735485	G	A	G	A	0.0327729
14	93118669	rs3742716	A	G	A	G	0.0266721
10	73520632	rs3747869	C	A	C	A	0.0334004
10	126348565	rs3781454	A	G	A	G	0.0218783
9	4763176	rs385893	C	T	C	T	0.0266236
1	79411968	rs41313381	A	C	A	C	0.0649446
19	1049305	rs4147915	A	C	A	C	-0.0362118
7	50282396	rs4244229	G	A	G	A	0.0216826
7	92408370	rs445	T	C	T	C	-0.0992611
8	68797804	rs4623401	G	A	G	A	-0.0240865
16	30500985	rs4630562	G	A	G	A	0.0198563
19	44153100	rs4760	G	A	G	A	-0.0859248
12	69732105	rs4761234	C	T	C	T	0.023041
1	208034329	rs4844622	T	C	T	C	-0.0241131
17	56356502	rs56378716	G	A	G	A	0.140216
7	28724374	rs56388170	T	G	T	G	0.075626
22	18169212	rs5747327	G	T	G	T	0.0206487
11	61618169	rs61897795	G	A	G	A	-0.0339965
16	3746241	rs6500550	T	C	T	C	-0.0236395
1	114303808	rs6679677	A	C	A	C	-0.0426571
2	182308352	rs6740847	G	A	G	A	0.0250549
9	86368660	rs7047907	A	G	A	G	0.0226361
15	101723499	rs7168592	T	C	T	C	0.0424535
19	7846887	rs7259539	T	C	T	C	0.0213497
1	46446096	rs72692639	G	A	G	A	0.0245885
2	55013646	rs72917514	A	G	A	G	0.065068
17	72699384	rs749780	A	C	A	C	0.0239013
2	101776932	rs7575217	G	A	G	A	0.0218989
3	128320345	rs7646596	G	T	G	T	-0.0689
4	106061534	rs7679673	A	C	A	C	-0.0235871
5	1285974	rs7705526	A	C	A	C	0.035273
7	8018180	rs7804306	A	G	A	G	-0.0416659
5	173205225	rs791357	C	T	C	T	-0.0414239
17	1321116	rs8068017	C	T	C	T	0.0236761

7	92236164	rs8179	C	T	C	T	-0.0390114
18	21087531	rs891389	T	C	T	C	-0.0246899
12	122219787	rs9165	C	T	C	T	0.0221098
6	87839741	rs9344678	T	C	T	C	-0.0296688
6	21385989	rs9350353	T	G	T	G	-0.0243319
6	109607556	rs9400271	A	G	A	G	0.0339515
6	135419688	rs9402685	C	T	C	T	-0.0341021
18	43829655	rs9955853	T	C	T	C	-0.0208861
21	40463283	rs9977672	A	G	A	G	-0.0256165
6	43757896	rs998584	A	C	A	C	0.0203857

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beta.outcome	eaf.exposure	eaf.outcome	se.exposure	se.outcome	samplesize. exposure	samplesize. outcome	pval.outcome
0.0107	0.2027	0.2336	0.00447621	0.0238	170143	123579	0.654201
0.0191	0.6769	0.6293	0.00387557	0.0209	170143	123579	0.3596
0.0196	0.3745	0.2882	0.00374148	0.0223	170143	123579	0.38
0.023	0.3335	0.5036	0.00380865	0.0203	170143	123579	0.2589
-0.0087	0.7009	0.5959	0.00392483	0.0205	170143	123579	0.6703
-0.0259	0.5964	0.5809	0.00365495	0.0204	170143	123579	0.2055
-0.0799	0.0106	0.01674	0.0194678	0.0795	170143	123579	0.3147
0.0258	0.1789	0.141	0.0047267	0.0289	170143	123579	0.3734
-0.0051	0.3476	0.3138	0.00377878	0.0218	170143	123579	0.8154
0.018	0.2608	0.2954	0.00411439	0.0221	170143	123579	0.4157
-0.0083	0.3181	0.3934	0.00385526	0.0206	170143	123579	0.6862
-0.0036	0.3762	0.3295	0.00370262	0.0214	170143	123579	0.8653
-0.0228	0.3121	0.2536	0.00387338	0.0232	170143	123579	0.3246
-0.0243	0.3861	0.3656	0.00367101	0.0209	170143	123579	0.2442
-9.00E-04	0.4444	0.4669	0.00364481	0.0202	170143	123579	0.9657
-0.0333	0.6282	0.6218	0.00370821	0.0209	170143	123579	0.1107
0.0082	0.3687	0.3857	0.003725	0.0207	170143	123579	0.692
0.0069	0.5282	0.5168	0.00364797	0.0202	170143	123579	0.7323
0.0022	0.8226	0.7668	0.00471604	0.0238	170143	123579	0.9278
-0.0013	0.3077	0.3269	0.00393462	0.0215	170143	123579	0.9521
-0.0196	0.3904	0.3974	0.00366291	0.0205	170143	123579	0.3384
0.1184	0.6053	0.6502	0.0036528	0.0212	170143	123579	2.20E-08
-0.0173	0.4222	0.429	0.00363259	0.0203	170143	123579	0.3947
-0.0026	0.4787	0.5039	0.0035963	0.0201	170143	123579	0.8959
-0.0392	0.4641	0.5861	0.00366422	0.0205	170143	123579	0.0560196
0.0151	0.3686	0.3108	0.00371133	0.0217	170143	123579	0.4864
0.029	0.3601	0.3712	0.00374544	0.0208	170143	123579	0.1633
0.0119	0.2372	0.2569	0.00420406	0.023	170143	123579	0.604999
0.0471	0.2919	0.2108	0.00394253	0.0247	170143	123579	0.0566005
-0.0106	0.3668	0.3415	0.00376241	0.0213	170143	123579	0.6183
0.057	0.0344	0.02645	0.00994839	0.0617	170143	123579	0.3557
-0.007	0.5985	0.5953	0.00379177	0.0208	170143	123579	0.735201
0.0279	0.7105	0.6001	0.00395681	0.0206	170143	123579	0.1751
0.0076	0.3749	0.3834	0.00372164	0.0207	170143	123579	0.713899
0.0213	0.2032	0.2286	0.004497	0.0239	170143	123579	0.374
0.0085	0.11	0.1114	0.00577937	0.032	170143	123579	0.7914
0.0472	0.2874	0.378	0.00395461	0.0209	170143	123579	0.0237001
0.004	0.3066	0.2969	0.00390794	0.0222	170143	123579	0.8569
0.0342	0.0314	0.04522	0.0103184	0.0486	170143	123579	0.4821
-0.0217	0.4008	0.3043	0.0036164	0.0219	170143	123579	0.322
0.0197	0.3768	0.4815	0.00369811	0.0201	170143	123579	0.3267
0.0702	0.0424	0.03041	0.0090657	0.0597	170143	123579	0.2397
-0.0089	0.3933	0.3877	0.00368203	0.0207	170143	123579	0.6669
0.0535	0.5467	0.6457	0.00364061	0.0211	170143	123579	0.0111301
0.0011	0.5529	0.5801	0.00362559	0.0204	170143	123579	0.9588
0.0248	0.2848	0.4117	0.00397795	0.0204	170143	123579	0.2244
-0.0144	0.1571	0.165	0.00499354	0.0273	170143	123579	0.5987
-0.0074	0.8919	0.9147	0.00582597	0.036	170143	123579	0.8364

-0.0218	0.3434	0.4208	0.00377897	0.0203	170143	123579	0.2842
-0.0081	0.5764	0.618	0.00364766	0.0209	170143	123579	0.6979
0.0196	0.8787	0.8841	0.0054976	0.0315	170143	123579	0.5327
0.0144	0.6411	0.7102	0.00373475	0.0221	170143	123579	0.5141
-0.0129	0.4342	0.4952	0.00363567	0.0202	170143	123579	0.5226
0.0199	0.632	0.6949	0.00373651	0.0218	170143	123579	0.3611
-0.0179	0.6359	0.6136	0.00373853	0.0207	170143	123579	0.3869
-0.0175	0.4168	0.3909	0.00363503	0.0235	170143	123579	0.457
-0.0214	0.3766	0.3545	0.0037008	0.021	170143	123579	0.308
-0.0021	0.4345	0.5195	0.00365463	0.0202	170143	123579	0.9173
0.0172	0.7693	0.7994	0.00426588	0.0253	170143	123579	0.4952
0.0213	0.4529	0.4894	0.00375663	0.0202	170143	123579	0.2913
-0.0119	0.7425	0.7097	0.00409042	0.0222	170143	123579	0.5924
-0.0576	0.1872	0.124	0.00467286	0.0307	170143	123579	0.0604394
-0.0183	0.1723	0.2438	0.00478681	0.0235	170143	123579	0.4371
0.0325	0.5177	0.5904	0.00357738	0.0204	170143	123579	0.1111
0.1553	0.0138	0.005978	0.0153949	0.1291	170143	123579	0.2289
0.035	0.8456	0.8757	0.00495932	0.0307	170143	123579	0.2532
0.0033	0.325	0.407	0.00382882	0.0205	170143	123579	0.874
7.00E-04	0.9005	0.8086	0.0059774	0.0258	170143	123579	0.9775
-0.0313	0.6785	0.5892	0.00386236	0.0205	170143	123579	0.1275
-0.0081	0.5221	0.4735	0.00359038	0.0203	170143	123579	0.689
0.0064	0.0307	0.01729	0.0103758	0.0772	170143	123579	0.9344
0.0094	0.1475	0.1255	0.00517022	0.0306	170143	123579	0.760001
0.0067	0.6749	0.7246	0.00382361	0.0226	170143	123579	0.767901
0.0026	0.0971	0.05827	0.00607556	0.0435	170143	123579	0.9523
0.0114	0.4694	0.3631	0.00363858	0.0211	170143	123579	0.5897
-0.007	0.5439	0.596	0.00360393	0.0206	170143	123579	0.7323
0.0442	0.157	0.1686	0.00493017	0.0272	170143	123579	0.104
-0.0387	0.4859	0.4119	0.00359903	0.0205	170143	123579	0.0590405
-0.0029	0.2412	0.2241	0.00419521	0.0242	170143	123579	0.9056
0.0513	0.0127	0.03222	0.0160032	0.0566	170143	123579	0.3643
0.0078	0.2959	0.2844	0.00398679	0.0224	170143	123579	0.7263
-0.0068	0.5041	0.4934	0.003586	0.0202	170143	123579	0.7347
0.0479	0.1643	0.09335	0.00489173	0.0347	170143	123579	0.1677
-0.008	0.3027	0.2894	0.00393267	0.0222	170143	123579	0.7179
0.0264	0.1016	0.1481	0.00591055	0.0281	170143	123579	0.348
-0.006	0.5637	0.5996	0.00362665	0.0206	170143	123579	0.7703
0.0413	0.7438	0.7472	0.00410507	0.0231	170143	123579	0.0738295
0.0118	0.1071	0.137	0.00580689	0.0294	170143	123579	0.6867
0.0082	0.4887	0.5554	0.00361214	0.0202	170143	123579	0.684699
-0.0116	0.2592	0.303	0.00408173	0.0219	170143	123579	0.5972
0.0302	0.033	0.02975	0.0100732	0.0589	170143	123579	0.608501
-0.0356	0.7317	0.6597	0.00407105	0.0213	170143	123579	0.0938707
0.0283	0.6724	0.6856	0.0038278	0.0217	170143	123579	0.1931
0.0368	0.8932	0.9078	0.00583231	0.035	170143	123579	0.2933
0.0109	0.3745	0.491	0.0036854	0.0201	170143	123579	0.5882
-0.0022	0.3291	0.323	0.00389639	0.0216	170143	123579	0.9204
-0.0671	0.0606	0.02655	0.00760423	0.063	170143	123579	0.2869
0.0274	0.7204	0.7262	0.00406122	0.0226	170143	123579	0.2241
0.0231	0.7007	0.6083	0.00395137	0.0207	170143	123579	0.2638

-0.0112	0.7915	0.7865	0.00442927	0.0246	170143	123579	0.6494
0.0554	0.3478	0.3499	0.00379214	0.0211	170143	123579	0.00855008
-0.0308	0.6884	0.6058	0.00400919	0.0221	170143	123579	0.163
0.001	0.4793	0.4716	0.00362316	0.0201	170143	123579	0.9617
-0.0014	0.3565	0.3479	0.00374283	0.0211	170143	123579	0.9473
0.0237	0.4836	0.5857	0.00358955	0.0204	170143	123579	0.2458
-0.0167	0.2496	0.3413	0.0042803	0.0213	170143	123579	0.4328
-0.0178	0.5612	0.5633	0.00361835	0.0203	170143	123579	0.3806
0.0173	0.2582	0.236	0.00415407	0.0238	170143	123579	0.4672
0.0302	0.4819	0.4811	0.00359015	0.0202	170143	123579	0.1347

pval.exposure	EAF2	MAF	PVE	F-statistics
1.05E-08	0.7973	0.2027	0.000192394	32.74045526
1.08E-08	0.3231	0.3231	0.00019213	32.69540742
4.08E-10	0.6255	0.3745	0.000229617	39.07624088
3.39E-08	0.6665	0.3335	0.000179068	30.47222164
6.99E-11	0.2991	0.2991	0.000249863	42.52255426
1.45E-37	0.4036	0.4036	0.00096346	164.0821884
4.86E-18	0.9894	0.0106	0.000440245	74.93676982
3.17E-13	0.8211	0.1789	0.000312005	53.10140087
7.29E-09	0.6524	0.3476	0.000196592	33.45498668
1.17E-31	0.7392	0.2608	0.000804918	137.0598424
1.64E-14	0.6819	0.3181	0.000346211	58.92515847
1.87E-86	0.6238	0.3762	0.002277466	388.3747779
2.31E-11	0.6879	0.3121	0.000262603	44.69130474
1.02E-08	0.6139	0.3861	0.000192758	32.80227998
9.71E-10	0.5556	0.4444	0.00021966	37.38133379
1.57E-18	0.3718	0.3718	0.000453323	77.1638291
2.73E-32	0.6313	0.3687	0.000821852	139.945667
4.18E-11	0.4718	0.4718	0.000255776	43.5290914
1.18E-10	0.1774	0.1774	0.000243865	41.50152706
4.34E-10	0.6923	0.3077	0.000228898	38.95386332
1.00E-200	0.6096	0.3904	0.006471306	1108.206094
5.49E-19	0.3947	0.3947	0.000465524	79.24162333
1.33E-11	0.5778	0.4222	0.000268949	45.77149823
2.38E-26	0.5213	0.4787	0.000662579	112.806664
1.49E-08	0.5359	0.4641	0.000188454	32.06987865
4.62E-08	0.6314	0.3686	0.000175524	29.86905918
1.16E-14	0.6399	0.3601	0.0003502	59.60430848
3.97E-09	0.7628	0.2372	0.000203549	34.6389967
1.08E-10	0.7081	0.2919	0.000244887	41.67560233
5.46E-44	0.6332	0.3668	0.00113602	193.503401
8.00E-09	0.9656	0.0344	0.000195535	33.27509938
1.85E-11	0.4015	0.4015	0.000265171	45.12847465
2.36E-09	0.2895	0.2895	0.000209499	35.65178054
1.80E-46	0.6251	0.3749	0.001202685	204.8723807
2.60E-10	0.7968	0.2032	0.000234762	39.95193731
2.14E-10	0.89	0.11	0.000237029	40.33785028
1.11E-22	0.7126	0.2874	0.000564294	96.06376263
1.14E-08	0.6934	0.3066	0.000191522	32.59191964
1.45E-11	0.9686	0.0314	0.00026793	45.5980814
3.14E-08	0.5992	0.4008	0.000179918	30.61696906
3.53E-37	0.6232	0.3768	0.000953095	162.3151907
4.16E-15	0.9576	0.0424	0.000362063	61.62412223
1.12E-21	0.6067	0.3933	0.000537451	91.49169834
5.73E-23	0.4533	0.4533	0.000572002	97.37660743
2.39E-12	0.4471	0.4471	0.000288679	49.13029674
5.00E-08	0.7152	0.2848	0.000174635	29.71769595
9.58E-17	0.8429	0.1571	0.000405692	69.05290058
6.24E-27	0.1081	0.1081	0.00067815	115.4593939

1.17E-08	0.6566	0.3434	0.000191225	32.54143779
4.69E-09	0.4236	0.4236	0.000201638	34.31385831
2.50E-14	0.1213	0.1213	0.000341305	58.08974472
9.33E-10	0.3589	0.3589	0.000220124	37.46028517
3.02E-09	0.5658	0.4342	0.00020666	35.16865212
6.09E-14	0.368	0.368	0.000331042	56.34241084
5.82E-12	0.3641	0.3641	0.000278444	47.38801319
2.21E-68	0.5832	0.4168	0.001791655	305.3811766
3.69E-08	0.6234	0.3766	0.000178081	30.30435937
2.06E-08	0.5655	0.4345	0.000184737	31.43712699
2.12E-21	0.2307	0.2307	0.000530025	90.22684917
9.40E-13	0.5471	0.4529	0.000299459	50.9655521
6.25E-12	0.2575	0.2575	0.000277629	47.24914576
2.28E-10	0.8128	0.1872	0.000236261	40.2072513
1.16E-15	0.8277	0.1723	0.000376873	64.14579892
3.90E-13	0.4823	0.4823	0.000309612	52.69407914
2.12E-28	0.9862	0.0138	0.000717531	122.1690534
3.89E-11	0.1544	0.1544	0.000256602	43.6697169
3.26E-12	0.675	0.325	0.000285132	48.52655006
2.30E-08	0.0995	0.0995	0.000183478	31.22292546
1.47E-08	0.3215	0.3215	0.00018855	32.08607097
1.21E-13	0.4779	0.4779	0.000323071	54.98542956
3.87E-10	0.9693	0.0307	0.000230212	39.17759783
2.49E-12	0.8525	0.1475	0.000288232	49.05429906
1.42E-08	0.3251	0.3251	0.000188964	32.15662296
5.32E-60	0.9029	0.0971	0.001566357	266.9195807
3.60E-11	0.5306	0.4694	0.000257488	43.8206115
3.60E-08	0.4561	0.4561	0.000178383	30.35560217
5.03E-68	0.843	0.157	0.001782069	303.74432
1.53E-10	0.5141	0.4859	0.000240831	40.98515758
9.04E-09	0.7588	0.2412	0.000194133	33.03646565
1.92E-18	0.9873	0.0127	0.000450995	76.76731949
3.07E-80	0.7041	0.2959	0.002110396	359.8242552
8.50E-09	0.4959	0.4959	0.000194835	33.1558185
3.66E-12	0.8357	0.1643	0.000283796	48.29902398
1.84E-09	0.6973	0.3027	0.000212322	36.13237072
5.31E-13	0.8984	0.1016	0.000306041	52.0860901
4.90E-12	0.4363	0.4363	0.000280439	47.72752928
3.50E-08	0.2562	0.2562	0.000178678	30.40583737
2.65E-13	0.8929	0.1071	0.000314043	53.44839862
3.41E-09	0.5113	0.4887	0.000205282	34.93407913
1.70E-09	0.7408	0.2592	0.00021324	36.28861721
1.05E-10	0.967	0.033	0.000245177	41.72486088
4.33E-09	0.2683	0.2683	0.000202548	34.46871303
1.06E-08	0.3276	0.3276	0.000192331	32.72962426
3.32E-32	0.1068	0.1068	0.000819572	139.5571653
1.55E-10	0.6255	0.3745	0.000240692	40.96139403
1.39E-19	0.6709	0.3291	0.000481434	81.95111211
4.27E-08	0.9394	0.0606	0.000176425	30.02243691
1.99E-24	0.2796	0.2796	0.000611096	104.0360445
2.08E-09	0.2993	0.2993	0.000210969	35.90209814

1.28E-18	0.2085	0.2085	0.000455729	77.57354836
7.47E-11	0.6522	0.3478	0.000249085	42.39013815
3.49E-08	0.3116	0.3116	0.000178716	30.41243867
2.64E-16	0.5207	0.4793	0.000393949	67.05324973
7.98E-11	0.6435	0.3565	0.00024833	42.26167804
3.13E-21	0.5164	0.4836	0.000525528	89.46080742
1.62E-15	0.7504	0.2496	0.000372939	63.47587903
7.82E-09	0.4388	0.4388	0.000195792	33.31873113
6.98E-10	0.7418	0.2582	0.00022345	38.026544
1.36E-08	0.5181	0.4819	0.000189465	32.24192505

Table S2 . MR directionality test

Exposure	Outcome	snp-r ² .exposure	snp-r ² .outcome	correct direction	causal steiger pval
Sum basophil neutrophil counts	Gestational diabetes	0.049451814	0.001099854	TRUE	0