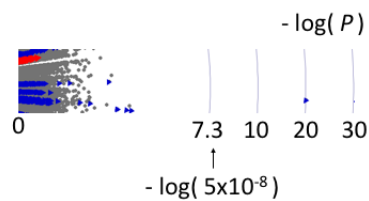
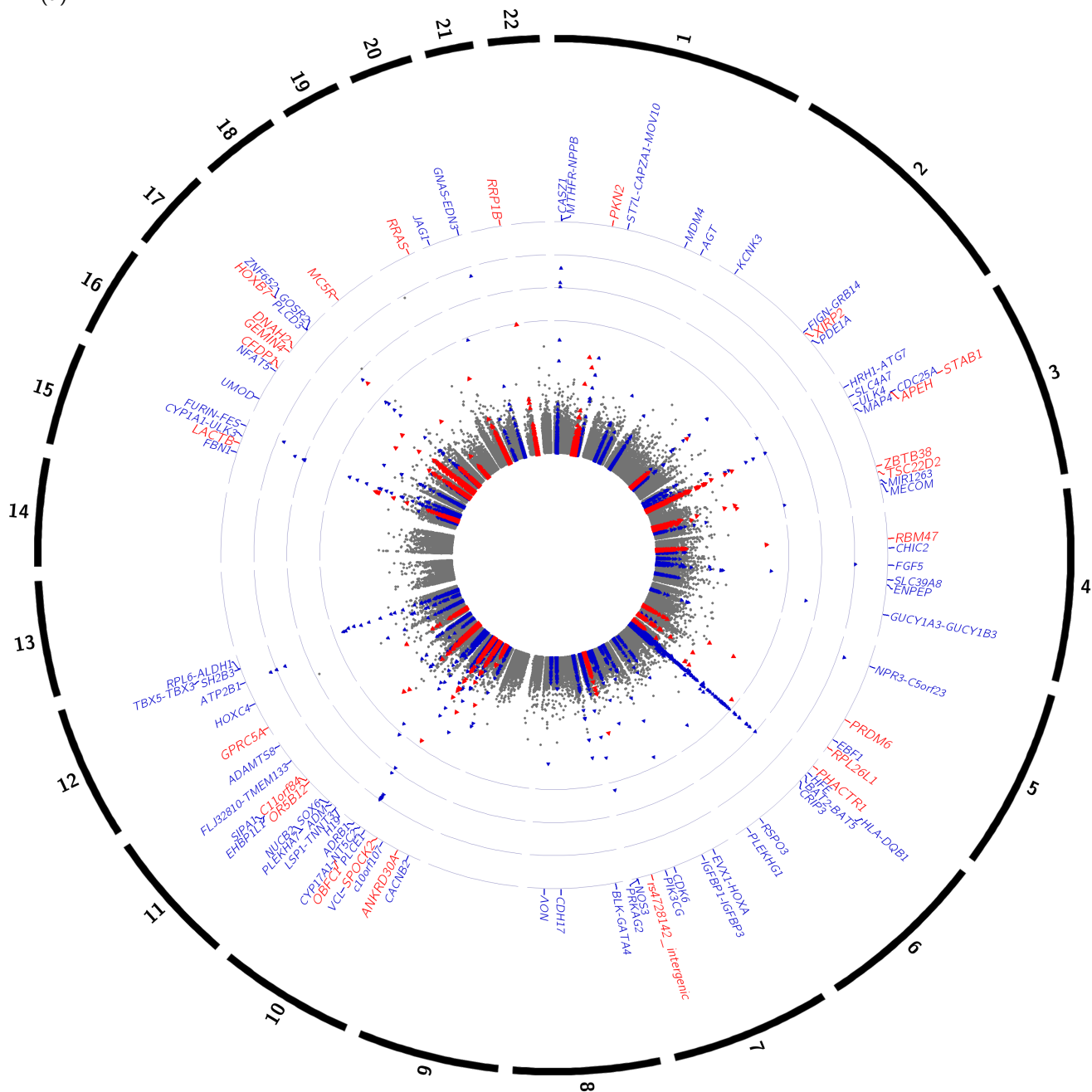


**Supplementary Figure 1: Discovery SNV-BP associations in Europeans and South Asians (EUR\_SAS).**

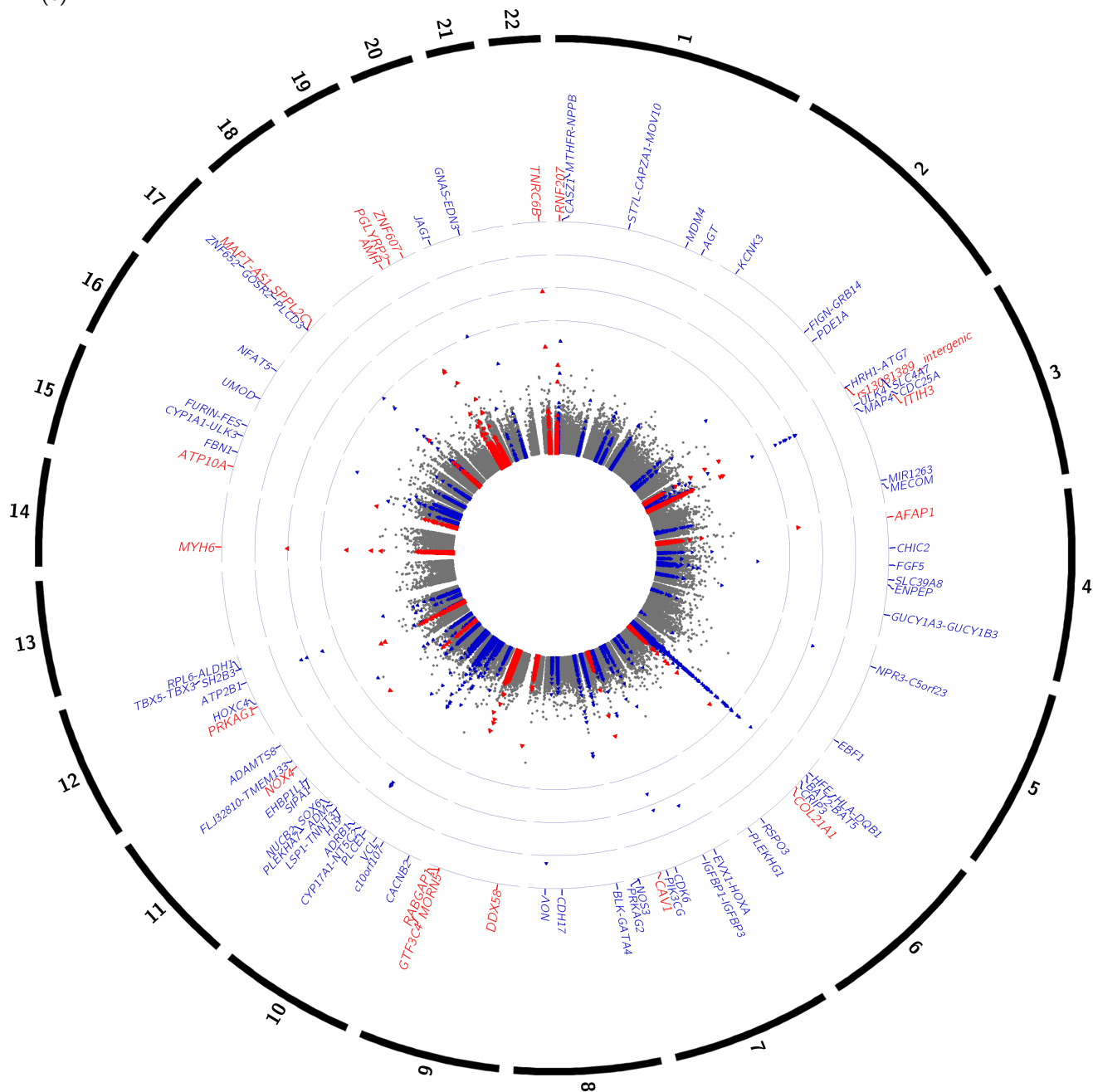
Results are provided for (a) transformed SBP (b) transformed DBP (c) transformed PP and (d) HTN in the European and South Asian (EUR\_SAS) discovery samples. The y-axis represents  $-\log_{10}P$  for association. Red triangles represent variants that map to one of the 81 regions selected for replication, blue triangles represent SNVs that map to previously published BP regions, and grey triangles represent all remaining SNVs. SNVs are ordered according to chromosome (black lines on the outside of the plot) and physical position. Genes that SNVs map to are given in the outer blocks.

(a)



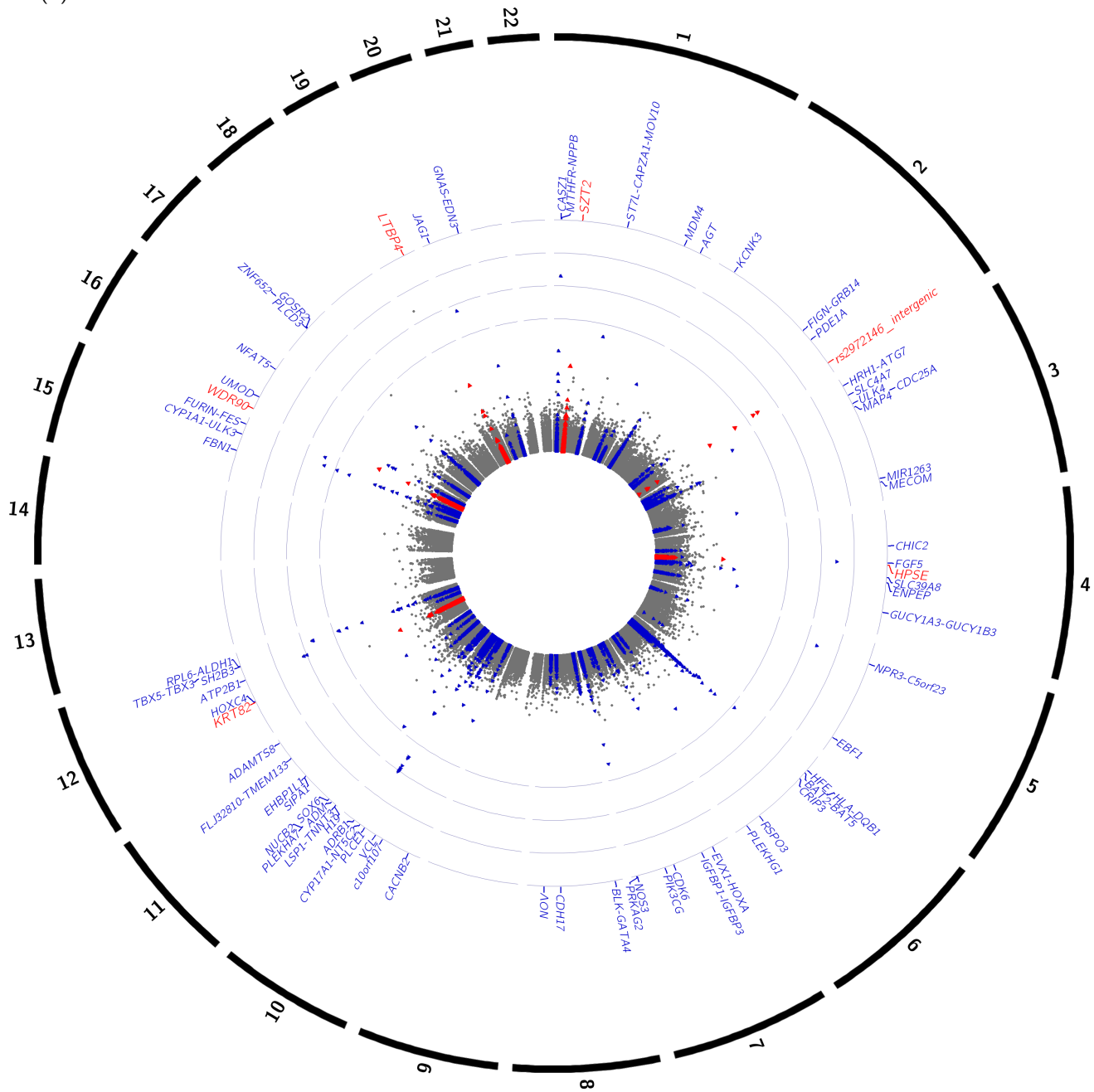


(c)





(d)



**Supplementary Figure 2: Discovery SNV-BP associations in Europeans (EUR).**

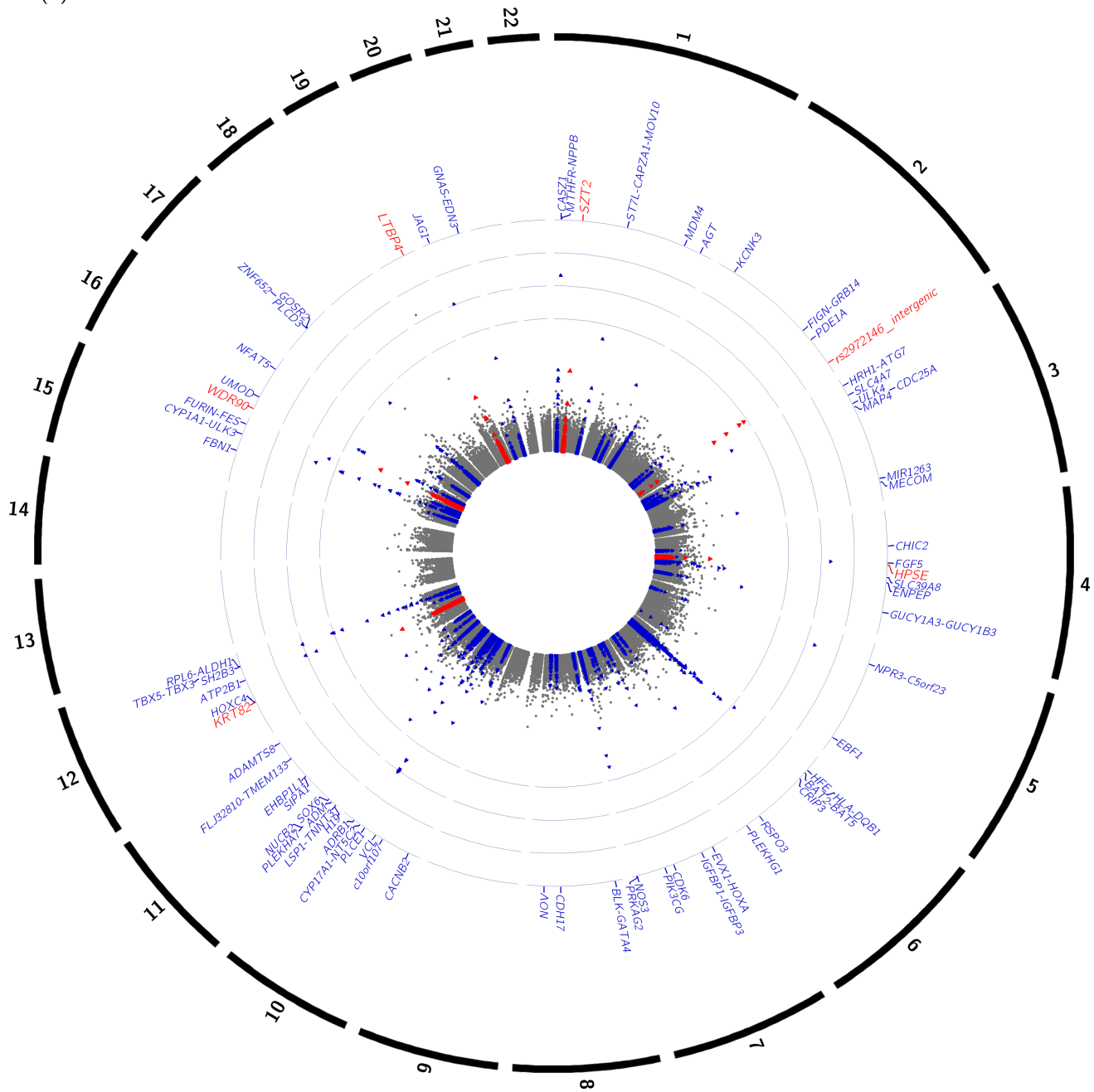
Results are provided for (a) transformed SBP (b) transformed DBP (c) transformed PP and (d) HTN in the European (EUR) discovery samples. The y-axis represents  $-\log_{10}P$  for association. Red triangles represent variants that map to one of the 81 regions selected for replication, blue triangles represent SNVs that map to previously published BP regions, and grey triangles represent all remaining SNVs. SNVs are ordered according to chromosome (black lines on the outside of the plot) and physical position. Genes that SNVs map to are given in the outer blocks.







(d)

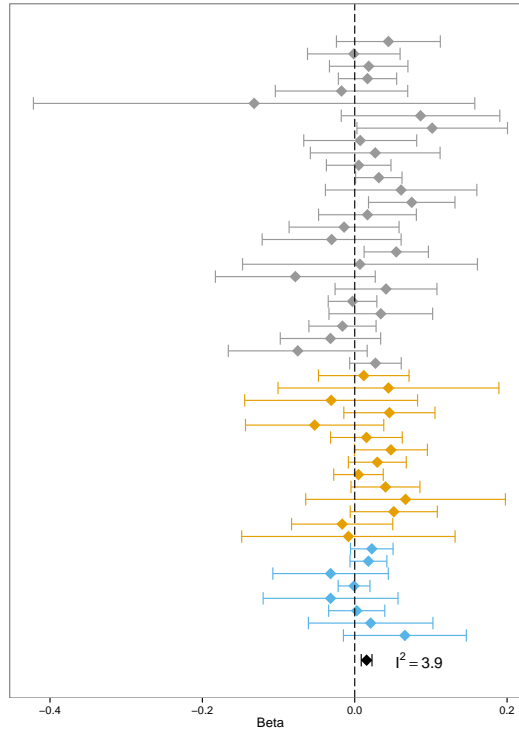


**Supplementary Figure 3. Forest plots of novel BP variants.**

The discovery results for each novel variant and contributing study is shown. The estimates refer to results of the transformed analysis of SBP, DBP and PP traits. The title per plot indicates the SNV, BP trait and ancestry of the estimates, where the ancestry is either European (EUR) or European and South Asian (ALL). The three consortia are indicated as grey for ExomeBP, gold for GoT2D and blue for CHD Exome+. The tables include information on study name, sample size (N), effect size with sign (Beta), standard error of beta and P-value. The meta-analysis results were from a fixed effect meta-analysis with inverse N weights using METAL.

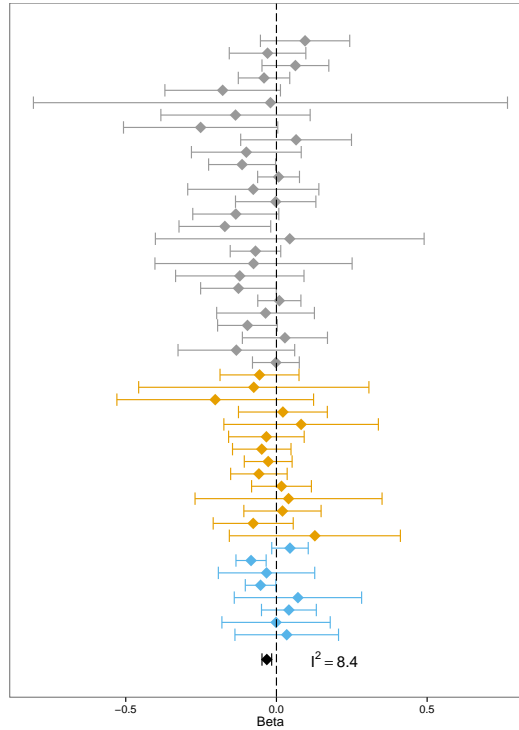
rs709209 in RNF207 association with PP in EUR

Study Name	N	Beta	SE	P-value
AIRWAVE	1902	0.044	0.035	0.20
ASCOT_SC	2461	-0.0012	0.031	0.97
ASCOT_UK	3245	0.018	0.026	0.49
1958BC	5861	0.017	0.020	0.39
BRIGHT CASES	1105	-0.017	0.044	0.70
BRIGHT CONTROLS	127	-0.13	0.15	0.37
CROATIA-Korcula	824	0.086	0.053	0.10
DIABNORD (GLACIER)	912	0.10	0.050	0.044
EGCUT	1785	0.0072	0.038	0.85
FENLAND controls	1170	0.027	0.043	0.54
FINRISK97/02	5152	0.0052	0.022	0.81
GS-SFHS	9828	0.032	0.016	0.042
GLACIER controls	922	0.061	0.051	0.23
GODARTS_diabetics	2657	0.075	0.029	0.0098
GODARTS_non diabetics	2061	0.017	0.033	0.61
GRAPHIC	1899	-0.014	0.037	0.70
HELICMANOLIS	961	-0.030	0.047	0.52
HUNT	4735	0.055	0.022	0.011
LBC1921	359	0.0069	0.079	0.93
LBC1936	783	-0.078	0.054	0.15
LIFELINES	1948	0.041	0.034	0.23
MDC	8320	-0.0029	0.016	0.86
NFBC1986	1887	0.034	0.035	0.32
OB	4440	-0.016	0.022	0.47
PIVUS/ULSAM	1998	-0.032	0.034	0.34
TwinsUK	1014	-0.075	0.047	0.11
UKHLS	7240	0.027	0.017	0.11
ADDITION	2309	0.012	0.030	0.70
DPS	416	0.044	0.074	0.55
DR's EXTRA	739	-0.031	0.058	0.59
FIN-D2D 2007	2570	0.031	0.031	0.14
FINRISK 2007	1088	-0.053	0.046	0.26
FUSION	4237	0.015	0.024	0.52
Health 2006/2008	3709	0.047	0.024	0.052
Inter99	6077	0.030	0.019	0.13
METSIM	8388	0.049	0.017	0.77
PPP	4766	0.040	0.023	0.080
SDC	499	0.067	0.067	0.32
SDR/ANDIS	2634	0.051	0.029	0.079
VeijleCases	2000	-0.016	0.034	0.63
VeijleCtrl	430	0.0083	0.071	0.91
CCHS	8070	0.022	0.014	0.12
CGPS	11782	0.018	0.012	0.14
CIHDS	1434	-0.032	0.039	0.41
EPIC-CVD	15673	-0.00088	0.011	0.94
EPIC-InterAct	1077	-0.032	0.045	0.48
MORGAM	5757	0.0026	0.019	0.89
PROSPER	1275	0.021	0.042	0.62
WOSCOPS	1337	0.066	0.041	0.11
Summary	161861	0.016	0.0036	1.728e-05



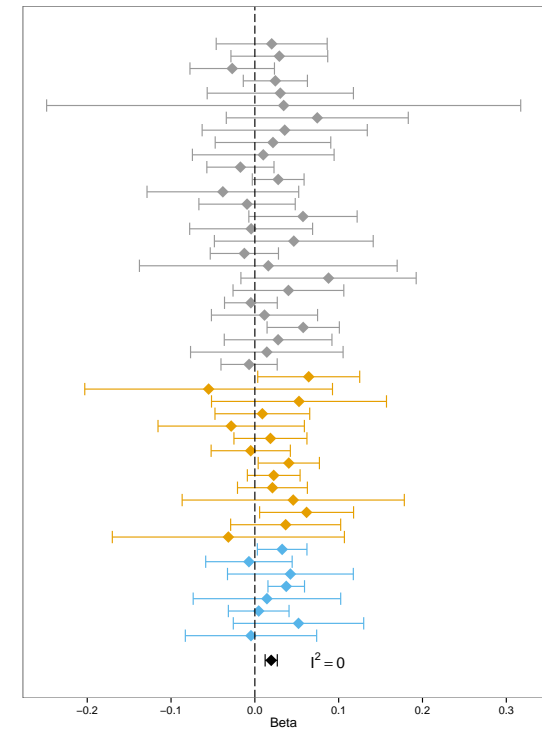
rs16851397 in ZBTB38 association with DBP in EUR

Study Name	N	Beta	SE	P-value
AIRWAVE	1902	0.095	0.076	0.21
ASCOT_SC	2460	-0.030	0.065	0.65
ASCOT_UK	3245	0.063	0.057	0.27
1958BC	5864	-0.041	0.044	0.34
BRIGHT CASES	1105	-0.18	0.098	0.069
BRIGHT CONTROLS	127	-0.020	0.40	0.96
CROATIA-Korcula	826	-0.14	0.13	0.28
DIABNORD (GLACIER)	912	-0.25	0.13	0.054
EGCUT	1785	0.065	0.094	0.49
FENLAND controls	1170	-0.10	0.093	0.28
FINRISK97/02	5153	-0.11	0.057	0.044
GS-SFHS	9827	0.0070	0.035	0.84
GLACIER controls	922	-0.077	0.11	0.49
GODARTS_diabetics	2657	-0.0025	0.068	0.97
GODARTS_non diabetics	2061	-0.13	0.073	0.064
GRAPHIC	1899	-0.17	0.078	0.027
HELICMANOLIS	961	0.044	0.23	0.85
HUNT	4735	-0.070	0.043	0.10
LBC1921	359	-0.076	0.17	0.65
LBC1936	783	-0.12	0.11	0.26
LIFELINES	1948	-0.13	0.064	0.049
MDC	8318	0.0096	0.037	0.79
NFBC1986	1887	-0.036	0.083	0.66
OB	4440	-0.096	0.051	0.057
PIVUS/ULSAM	1998	0.028	0.072	0.70
TwinsUK	1014	-0.13	0.059	0.18
UKHLS	7240	-0.0019	0.040	0.96
ADDITION	2310	-0.056	0.067	0.40
DPS	416	-0.075	0.19	0.70
DR's EXTRA	739	-0.20	0.22	0.32
FIN-D2D 2007	2570	0.021	0.075	0.78
FINRISK 2007	1088	0.082	0.13	0.53
FUSION	4237	-0.033	0.064	0.60
Health 2006/2008	3709	-0.049	0.050	0.33
Inter99	6078	-0.027	0.040	0.50
METSIM	8388	-0.058	0.048	0.22
PPP	4766	0.017	0.051	0.74
SDC	500	0.040	0.16	0.80
SDR/ANDIS	2636	0.020	0.065	0.76
VeijleCases	2006	-0.077	0.068	0.26
VeijleCtrl	431	0.13	0.14	0.38
CCHS	8070	0.045	0.031	0.15
CGPS	11783	-0.084	0.026	0.00098
CIHDS	1434	-0.033	0.082	0.69
EPIC-CVD	15674	-0.053	0.026	0.041
EPIC-InterAct	1078	0.071	0.11	0.51
MORGAM	5757	0.041	0.046	0.37
PROSPER	1275	-0.0013	0.092	0.99
WOSCOPS	1337	0.034	0.088	0.70
Summary	161880	-0.032	0.0082	0.0001023



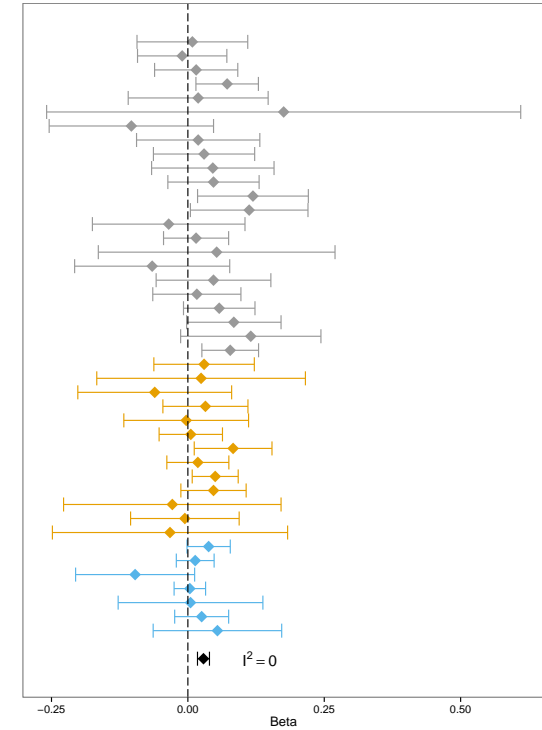
rs2972146 in 2q36.3 association with DBP in EUR

Study Name	N	Beta	SE	P-value
AIRWAVE	1902	0.020	0.034	0.55
ASCOT_SC	2459	0.025	0.029	0.32
ASCOT_UK	3245	-0.027	0.026	0.29
1958BC	5864	0.024	0.020	0.21
BRIGHT CASES	1105	0.030	0.045	0.50
BRIGHT CONTROLS	127	0.034	0.14	0.81
CROATIA-Korcula	822	0.074	0.055	0.18
DIABNORD (GLACIER)	912	0.036	0.050	0.48
EGCUT	1785	0.022	0.035	0.54
FENLAND controls	1170	0.010	0.043	0.82
FINRISK97/02	5152	-0.017	0.020	0.40
GS-SFHS	9828	0.028	0.016	0.077
GLACIER controls	922	-0.038	0.046	0.41
GODARTS_diabetics	2657	-0.0093	0.029	0.75
GODARTS_non diabetics	2061	0.057	0.033	0.082
GRAPHIC	1899	-0.0044	0.037	0.90
HELICMANOLIS	961	0.046	0.048	0.34
HUNT	4735	-0.013	0.021	0.55
LBC1921	359	0.016	0.078	0.84
LBC1936	783	0.088	0.053	0.10
LIFELINES	1948	0.040	0.034	0.24
MDC	8306	-0.0047	0.016	0.77
NFBC1986	1887	0.012	0.032	0.72
OB	4440	0.058	0.022	0.0088
PIVUS/ULSAM	1998	0.028	0.033	0.40
TwinsUK	1014	0.041	0.046	0.76
UKHLS	7240	-0.0069	0.017	0.69
ADDITION	2310	0.064	0.031	0.039
DPS	416	-0.055	0.075	0.46
DR's EXTRA	739	0.053	0.053	0.32
FIN-D2D 2007	2570	0.0089	0.029	0.76
FINRISK 2007	1088	-0.028	0.045	0.53
FUSION	4237	0.019	0.022	0.40
Health 2006/2008	3705	-0.0049	0.024	0.84
Inter99	6075	0.040	0.019	0.030
METSIM	8388	0.023	0.016	0.016
PPP	4766	0.021	0.021	0.32
SDC	499	0.046	0.068	0.50
SDR/ANDIS	2636	0.062	0.029	0.031
VeijleCases	2005	0.037	0.033	0.27
VeijleCtrl	430	-0.032	0.071	0.65
CCHS	8070	0.033	0.015	0.031
CGPS	11783	-0.0071	0.026	0.79
CIHDS	1434	0.042	0.038	0.27
EPIC-CVD	15674	0.037	0.011	0.00077
EPIC-InterAct	1077	0.041	0.045	0.75
MORGAM	5757	0.0046	0.018	0.80
PROSPER	1275	0.052	0.040	0.19
WOSCOPS	1337	-0.0046	0.040	0.91
Summary	161853	0.020	0.0037	1.757e-07



rs1008058 in PRDM6 association with SBP in EUR

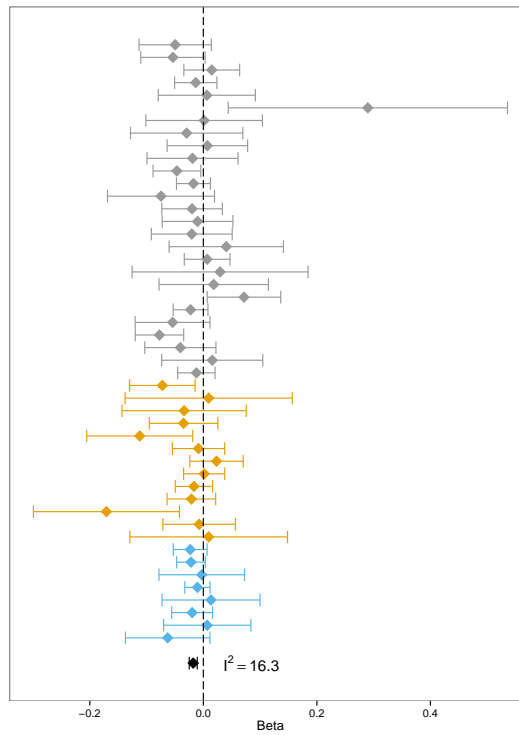
Study Name	N	Beta	SE	P-value
AIRWAVE	1902	0.0082	0.052	0.87
ASCOT_SC	2461	-0.010	0.042	0.80
ASCOT_UK	3245	0.015	0.039	0.70
1958BC	5864	0.072	0.029	0.014
BRIGHT CASES	1105	0.019	0.065	0.77
BRIGHT CONTROLS	127	0.18	0.22	0.43
CROATIA-Korcula	820	-0.10	0.077	0.18
DIABNORD (GLACIER)	912	0.019	0.058	0.74
EGCUT	1785	0.030	0.047	0.53
GLACIER controls	922	0.046	0.057	0.42
GODARTS_diabetics	2657	0.047	0.043	0.27
GODARTS_non diabetics	2061	0.12	0.052	0.021
GRAPHIC	1899	0.11	0.055	0.042
HELICMANOLIS	961	-0.035	0.071	0.62
HUNT	4735	0.015	0.030	0.62
LBC1921	359	0.053	0.11	0.63
LBC1936	782	-0.065	0.073	0.37
LIFELINES	1948	0.047	0.054	0.38
NFBC1986	1887	0.016	0.041	0.69
OB	4440	0.057	0.033	0.086
PIVUS/ULSAM	1998	0.084	0.044	0.057
TwinsUK	1014	0.12	0.066	0.079
UKHLS	7240	0.058	0.027	0.00034
ADDITION	2310	0.030	0.047	0.53
DPS	416	0.024	0.098	0.80
DR's EXTRA	739	-0.061	0.072	0.40
FIN-D2D 2007	2570	0.032	0.040	0.42
FINRISK 2007	1088	-0.0031	0.058	0.96
FUSION	4237	0.0053	0.030	0.86
Health 2006/2008	3709	0.083	0.036	0.023
Inter99	6080	0.018	0.029	0.53
METSIM	8388	0.050	0.022	0.020
PPP	4766	0.047	0.031	0.12
SDC	500	-0.029	0.10	0.78
VeijleCases	2000	-0.0055	0.051	0.91
VeijleCtrl	430	-0.033	0.11	0.77
CCHS	8070	0.038	0.020	0.060
CGPS	11784	0.013	0.018	0.45
CIHDS	1436	-0.097	0.056	0.082
EPIC-CVD	15676	0.0036	0.015	0.81
EPIC-InterAct	1077	0.0048	0.068	0.94
MORGAM	5757	0.025	0.025	0.32
WOSCOPS	1337	0.054	0.060	0.37
Summary	133492	0.029	0.0056	2.692e-07



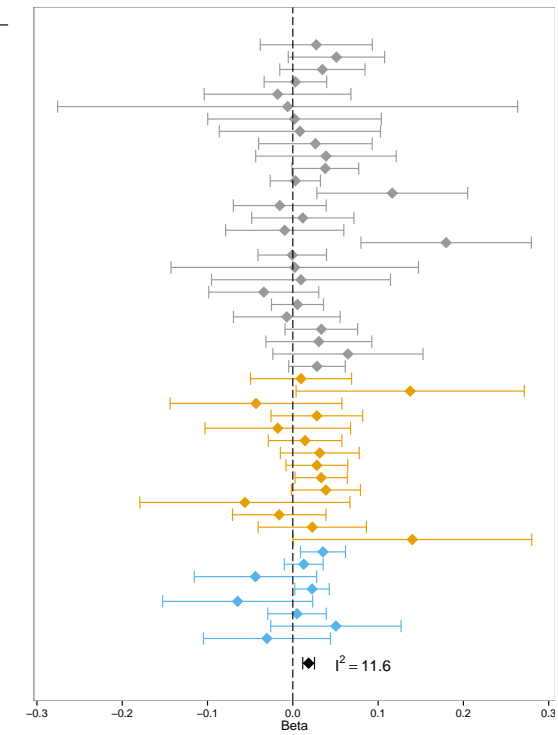


rs12521868 in *c5orf56* association with DBP in EUR

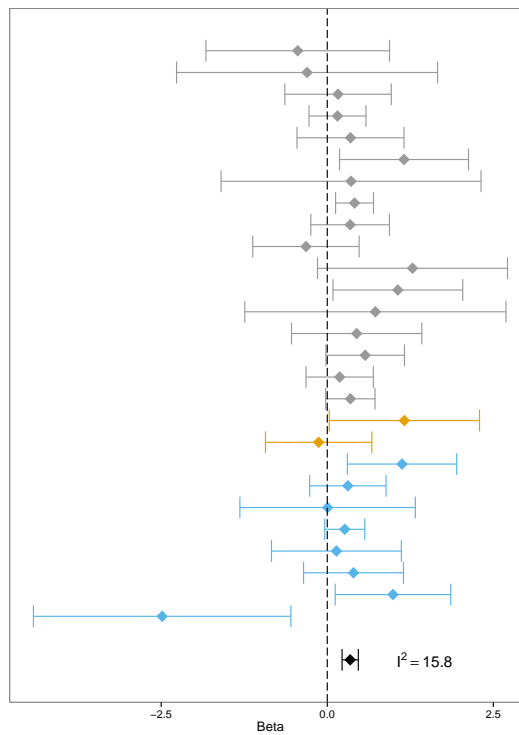
Study Name	N	Beta	SE	P-value
AIRWAVE	1838	-0.050	0.032	0.13
ASCOT_SC	2461	-0.054	0.029	0.064
ASCOT_UK	3236	0.015	0.025	0.55
1958BC	5864	-0.013	0.019	0.48
BRIGHT CASES	1105	0.0062	0.044	0.89
BRIGHT CONTROLS	127	0.29	0.13	0.023
CROATIA-Korcula	821	0.0014	0.052	0.98
DIABNORD (GLACIER)	912	-0.029	0.050	0.56
EGCUT	1783	0.0071	0.036	0.84
FENLAND controls	1170	-0.019	0.041	0.64
FINRISK97/02	5153	-0.047	0.021	0.030
GS-SFHS	9827	-0.017	0.015	0.26
GLACIER controls	919	-0.075	0.048	0.12
GODARTS_diabetics	2657	-0.020	0.027	0.47
GODARTS_non diabetics	2061	-0.010	0.032	0.75
GRAPHIC	1899	-0.020	0.036	0.58
HELICMANOLIS	959	0.040	0.051	0.43
HUNT	4735	0.0067	0.021	0.74
LBC1921	359	0.030	0.079	0.71
LBC1936	783	0.018	0.049	0.71
LIFELINES	1945	0.072	0.033	0.030
MDC	8316	-0.022	0.016	0.15
NFBC1986	1887	-0.054	0.034	0.11
OB	4440	-0.077	0.022	0.00039
PIVUS/ULSAM	1998	-0.040	0.032	0.21
TwinsUK	1014	0.016	0.045	0.73
UKHLS	7240	-0.012	0.017	0.47
ADDITION	2310	-0.072	0.029	0.014
DPS	416	0.0094	0.075	0.90
DR's EXTRA	737	-0.034	0.056	0.54
FIN-D2D 2007	2568	-0.035	0.031	0.26
FINRISK 2007	1085	-0.11	0.048	0.019
FUSION	4227	-0.0085	0.023	0.72
Health 2006/2008	3709	0.023	0.024	0.33
Inter99	6078	0.0015	0.018	0.93
METSIM	8389	-0.016	0.017	0.32
PPP	4766	-0.021	0.022	0.34
SDC	500	-0.17	0.066	0.0095
VejeCases	2006	-0.0074	0.033	0.82
VejeCtri	431	0.0095	0.071	0.89
CCHS	8070	-0.023	0.015	0.13
CGPS	11783	-0.022	0.013	0.092
CIHDS	1434	-0.0028	0.038	0.94
EPIC-CVD	15674	-0.010	0.011	0.36
EPIC-InterAct	1076	0.0178	0.044	0.76
MORGAM	5757	-0.020	0.018	0.28
PROSPER	1275	0.0069	0.039	0.86
WOSCOPS	1337	-0.063	0.038	0.098
Summary	159198	-0.018	0.0036	9.442e-07

rs9349379 in *PHACTR1* association with SBP in EUR

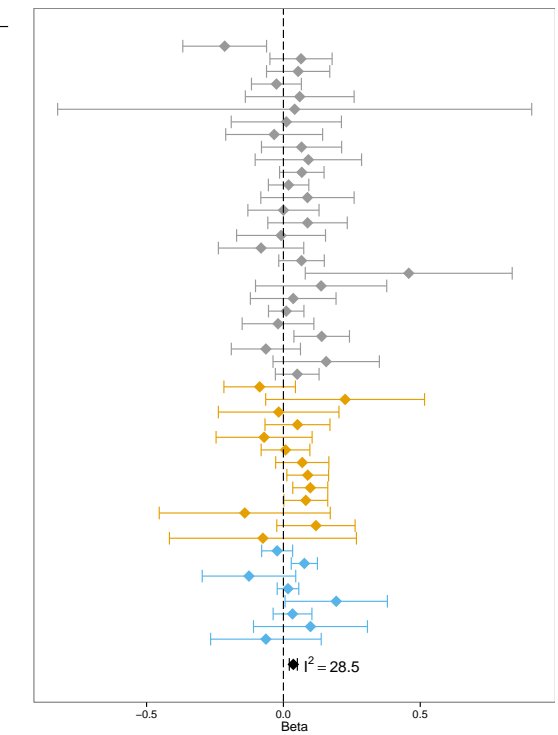
Study Name	N	Beta	SE	P-value
AIRWAVE	1902	0.028	0.034	0.41
ASCOT_SC	2459	0.051	0.029	0.076
ASCOT_UK	3245	0.035	0.025	0.17
1958BC	5864	0.0030	0.019	0.87
BRIGHT CASES	1105	-0.018	0.044	0.68
BRIGHT CONTROLS	127	-0.0061	0.14	0.96
CROATIA-Korcula	823	0.0020	0.052	0.97
DIABNORD (GLACIER)	912	0.0083	0.048	0.86
EGCUT	1785	0.026	0.034	0.44
FENLAND controls	1170	0.039	0.042	0.36
FINRISK97/02	5149	0.038	0.020	0.057
GS-SFHS	9829	0.0029	0.015	0.85
GLACIER controls	922	0.12	0.045	0.0098
GODARTS_diabetics	2657	-0.015	0.028	0.58
GODARTS_non diabetics	2061	0.012	0.031	0.70
GRAPHIC	1898	-0.0095	0.035	0.79
HELICMANOLIS	961	0.18	0.051	0.00044
HUNT	4735	-0.00066	0.020	0.97
LBC1921	359	0.0023	0.074	0.98
LBC1936	783	0.0096	0.054	0.86
LIFELINES	1948	-0.034	0.033	0.30
MDC	8313	0.0055	0.016	0.73
NFBC1986	1887	-0.0071	0.032	0.83
OB	4440	0.033	0.022	0.12
PIVUS/ULSAM	1998	0.031	0.032	0.33
TwinsUK	1014	0.065	0.045	0.15
UKHLS	7238	0.028	0.017	0.094
ADDITION	2310	0.0096	0.030	0.75
DPS	416	0.14	0.068	0.044
DR's EXTRA	739	-0.043	0.051	0.40
FIN-D2D 2007	2570	0.028	0.027	0.30
FINRISK 2007	1088	-0.018	0.044	0.68
FUSION	4237	0.014	0.022	0.51
Health 2006/2008	3709	0.032	0.024	0.18
Inter99	6080	0.028	0.018	0.13
METSIM	8388	0.033	0.016	0.033
PPP	4766	0.039	0.021	0.061
SDC	500	-0.056	0.063	0.37
SDR/ANDIS	2636	-0.016	0.028	0.57
VejeCases	2000	0.023	0.032	0.48
VejeCtri	430	0.14	0.071	0.051
CCHS	8070	0.035	0.013	0.0085
CGPS	11784	0.013	0.012	0.27
CIHDS	1436	-0.044	0.037	0.23
EPIC-CVD	15676	0.023	0.010	0.029
EPIC-InterAct	1077	-0.065	0.045	0.15
MORGAM	5757	0.0050	0.017	0.78
PROSPER	1275	0.051	0.039	0.19
WOSCOPS	1337	-0.030	0.038	0.42
Summary	161865	0.018	0.0035	8.093e-08

rs200999181 in *COL21A1* association with PP in EUR

Study Name	N	Beta	SE	P-value
AIRWAVE	1902	-0.44	0.70	0.53
ASCOT_SC	2458	-0.30	1.0	0.76
ASCOT_UK	3245	0.16	0.41	0.69
1958BC	5861	0.15	0.22	0.48
BRIGHT CASES	1105	0.35	0.41	0.40
FENLAND controls	1170	1.2	0.50	0.020
FINRISK97/02	5152	0.36	1.0	0.72
GS-SFHS	9805	0.41	0.15	0.0048
GODARTS_diabetics	2657	0.34	0.30	0.25
GODARTS_non diabetics	2061	-0.32	0.41	0.43
GRAPHIC	1899	1.3	0.73	0.079
HUNT	4735	1.1	0.50	0.033
LBC1936	783	0.72	1.0	0.47
LIFELINES	1948	0.44	0.50	0.38
MDC	8307	0.57	0.30	0.058
OB	4440	0.19	0.26	0.47
UKHLS	7238	0.35	0.19	0.067
Health 2006/2008	3709	1.2	0.58	0.044
Inter99	6077	-0.13	0.41	0.75
CCHS	8070	1.1	0.42	0.0074
CGPS	11783	0.31	0.29	0.29
CIHDS	1434	0.0051	0.67	0.99
EPIC-CVD	15673	0.26	0.15	0.087
EPIC-InterAct	1076	0.14	0.50	0.78
MORGAM	5757	0.39	0.38	0.30
PROSPER	1275	0.99	0.44	0.026
WOSCOPS	1337	-2.5	0.99	0.012
Summary	120957	0.35	0.062	3.083e-08

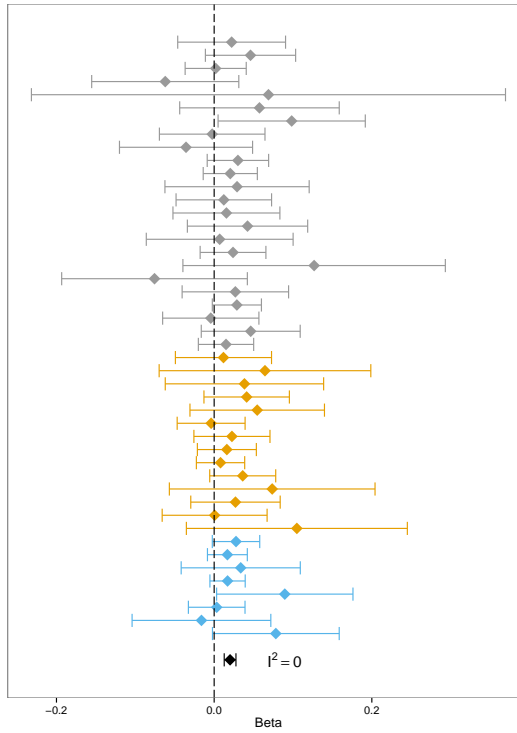
rs34591516 in *GPR20* association with SBP in EUR

Study Name	N	Beta	SE	P-value
AIRWAVE	1902	-0.21	0.078	0.0061
ASCOT_SC	2459	0.064	0.058	0.27
ASCOT_UK	3245	0.054	0.059	0.36
1958BC	5864	-0.026	0.047	0.58
BRIGHT CASES	1105	0.060	0.10	0.56
BRIGHT CONTROLS	127	0.041	0.44	0.93
CROATIA-Korcula	827	0.011	0.10	0.91
DIABNORD (GLACIER)	912	-0.034	0.090	0.71
EGCUT	1785	0.066	0.075	0.38
FENLAND controls	1170	0.091	0.099	0.36
FINRISK97/02	5151	0.067	0.041	0.11
GS-SFHS	9824	0.019	0.038	0.61
GLACIER controls	922	0.088	0.087	0.31
GODARTS_diabetics	2657	0.00016	0.066	1.0
GODARTS_non diabetics	2061	0.088	0.074	0.23
GRAPHIC	1899	-0.0086	0.083	0.92
HELICMANOLIS	961	-0.082	0.090	0.31
HUNT	4735	0.066	0.042	0.12
LBC1921	359	0.46	0.19	0.018
LBC1936	783	0.14	0.12	0.26
LIFELINES	1948	0.036	0.080	0.65
MDC	8302	0.010	0.033	0.76
NFBC1986	1887	-0.020	0.067	0.77
OB	4440	0.14	0.052	0.0070
PIVUS/ULSAM	1998	-0.064	0.064	0.32
TwinsUK	1014	0.16	0.099	0.12
UKHLS	7240	0.050	0.041	0.22
ADDITION	2310	-0.087	0.087	0.19
DPS	416	0.23	0.15	0.13
DR's EXTRA	739	-0.017	0.11	0.88
FIN-D2D 2007	2570	0.051	0.061	0.40
FINRISK 2007	1088	-0.071	0.090	0.43
FUSION	4237	0.0077	0.045	0.87
Health 2006/2008	3709	0.069	0.050	0.16
Inter99	6080	0.089	0.039	0.023
METSIM	8389	0.098	0.033	0.0026
PPP	4766	0.082	0.041	0.046
SDC	500	-0.14	0.16	0.38
VejeCases	2000	0.12	0.073	0.10
VejeCtri	430	-0.075	0.17	0.67
CCHS	8070	-0.023	0.029	0.43
CGPS	11784	0.076	0.024	0.0017
CIHDS	1436	-0.13	0.087	0.15
EPIC-CVD	15676	0.017	0.020	0.40
EPIC-InterAct	1077	0.19	0.095	0.043
MORGAM	5757	0.033	0.036	0.36
PROSPER	1275	0.099	0.11	0.35
WOSCOPS	1337	-0.064	0.10	0.53
Summary	159223	0.036	0.0075	1.364e-06



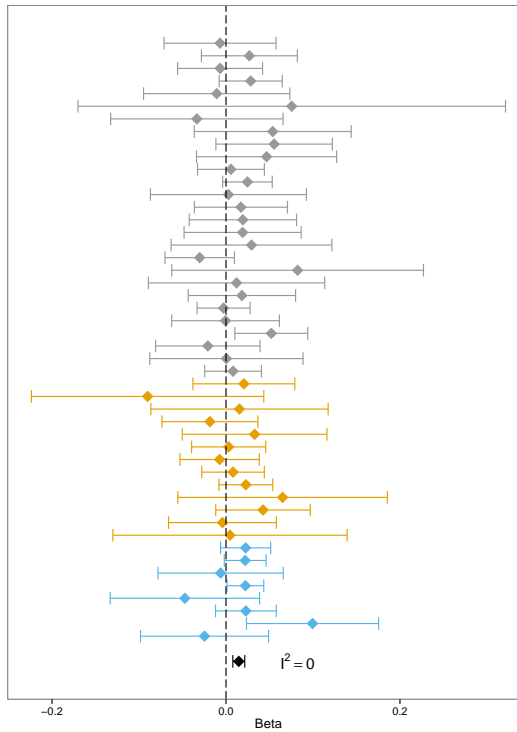
rs687621 in ABO association with DBP in EUR

Study Name	N	Beta	SE	P-value
AIRWAVE	1902	0.022	0.035	0.53
ASCOT_SC	2461	0.046	0.029	0.11
1958BC	5864	0.0019	0.020	0.92
BRIGHT CASES	1105	-0.062	0.048	0.19
BRIGHT CONTROLS	127	0.069	0.15	0.65
CROATIA-Korcula	823	0.057	0.052	0.27
DIABNORD (GLACIER)	912	0.098	0.048	0.039
EGCUT	1785	-0.0025	0.034	0.94
FENLAND controls	1170	-0.036	0.043	0.41
FINRISK97/02	5153	0.030	0.020	0.13
GS-SFHS	9831	0.020	0.018	0.24
GLACIER controls	922	0.029	0.047	0.53
GODARTS_diabetics	2657	0.012	0.031	0.69
GODARTS_non diabetics	2061	0.016	0.035	0.65
GRAPHIC	1899	0.042	0.039	0.28
HELICMANOLIS	961	0.0070	0.048	0.88
HUNT	4735	0.024	0.021	0.26
LBC1921	359	0.13	0.085	0.14
LBC1936	783	-0.076	0.060	0.21
LIFELINES	1948	0.027	0.034	0.44
MDC	8316	0.029	0.016	0.070
NFBC1986	1887	-0.0043	0.031	0.89
PIVUS/ULSAM	1998	0.046	0.032	0.15
UKHLS	7240	0.015	0.018	0.40
ADDITION	2310	0.012	0.031	0.70
DPS	416	0.064	0.068	0.35
DR's EXTRA	739	0.038	0.051	0.45
FIN-D2D 2007	2570	0.041	0.028	0.14
FINRISK 2007	1088	0.055	0.044	0.21
FUSION	4237	-0.0038	0.022	0.86
Health 2006/2008	3708	0.023	0.025	0.36
Inter99	6078	0.016	0.019	0.40
METSIM	8389	0.0081	0.016	0.61
PPP	4766	0.036	0.021	0.090
SDC	500	0.074	0.067	0.27
SDR/ANDIS	2636	0.027	0.029	0.35
VeijleCases	2006	0.00061	0.034	0.99
VeijleCtrl	431	0.10	0.072	0.14
CCHS	8070	0.028	0.015	0.071
CGPS	11783	0.017	0.013	0.19
CHIHS	1434	0.034	0.039	0.38
EPIC-CVD	15674	0.017	0.011	0.14
EPIC-InterAct	1078	0.090	0.044	0.043
MORGAM	5757	0.0032	0.018	0.86
PROSPER	1275	-0.016	0.045	0.72
WOSCOPS	1337	0.078	0.041	0.056
Summary	153183	0.020	0.0038	8.034e-08



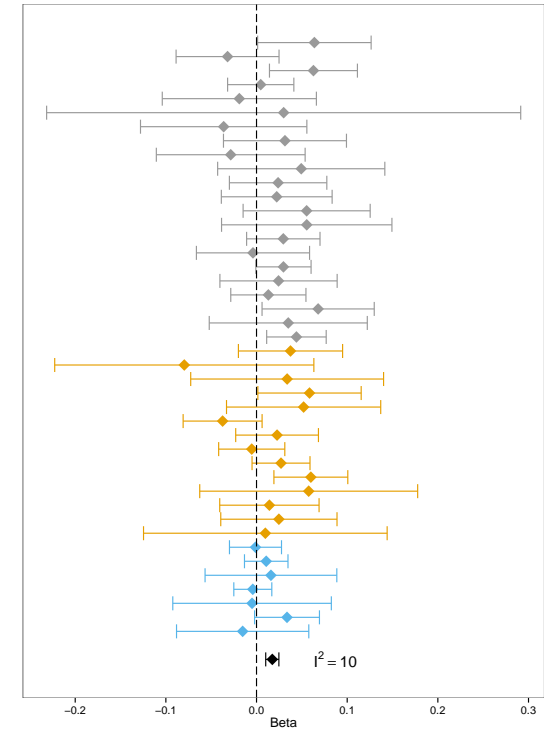
rs110419 in LMO1 association with DBP in EUR

Study Name	N	Beta	SE	P-value
AIRWAVE	1902	-0.0068	0.033	0.84
ASCOT_SC	2461	0.027	0.028	0.34
ASCOT_UK	3245	-0.0068	0.025	0.78
1958BC	5864	0.028	0.018	0.12
BRIGHT CASES	1105	-0.011	0.043	0.80
BRIGHT CONTROLS	127	0.076	0.13	0.55
CROATIA-Korcula	823	-0.033	0.051	0.51
DIABNORD (GLACIER)	912	0.054	0.046	0.24
EGCUT	1785	0.055	0.034	0.11
FENLAND controls	1170	0.047	0.041	0.26
FINRISK97/02	5153	0.0057	0.020	0.77
GS-SFHS	9827	0.025	0.015	0.090
GLACIER controls	922	0.0028	0.046	0.95
GODARTS_diabetics	2657	0.017	0.027	0.53
GODARTS_non diabetics	2061	0.019	0.031	0.54
GRAPHIC	1899	0.019	0.034	0.58
HELICMANOLIS	961	0.029	0.047	0.53
HUNT	4735	-0.030	0.020	0.14
LBC1921	359	0.082	0.074	0.27
LBC1936	783	0.012	0.052	0.81
LIFELINES	1948	0.018	0.031	0.56
MDC	8320	-0.0028	0.016	0.86
NFBC1986	1887	-0.00055	0.032	0.99
OB	4440	0.052	0.021	0.015
PIVUS/ULSAM	1998	-0.021	0.031	0.50
TwinsUK	1014	0.00047	0.045	0.99
UKHLS	7240	0.0081	0.017	0.63
ADDITION	2310	0.020	0.030	0.49
DPS	416	-0.090	0.068	0.19
DR's EXTRA	739	0.015	0.052	0.77
FIN-D2D 2007	2570	-0.018	0.028	0.51
FINRISK 2007	1088	0.033	0.042	0.44
FUSION	4237	0.0031	0.022	0.89
Health 2006/2008	3708	-0.0073	0.023	0.75
Inter99	6078	0.0081	0.018	0.66
METSIM	8389	0.023	0.016	0.15
SDC	500	0.065	0.061	0.29
SDR/ANDIS	2636	0.043	0.028	0.12
VeijleCases	2006	-0.0041	0.032	0.90
VeijleCtrl	431	0.0046	0.069	0.95
CCHS	8070	0.023	0.015	0.12
CGPS	11783	0.022	0.012	0.072
CHIHS	1434	-0.0062	0.037	0.87
EPIC-CVD	15674	0.022	0.011	0.038
EPIC-InterAct	1078	-0.047	0.044	0.28
MORGAM	5757	0.023	0.018	0.20
PROSPER	1275	0.099	0.039	0.010
WOSCOPS	1337	-0.025	0.038	0.51
Summary	157114	0.015	0.0035	3.104e-05



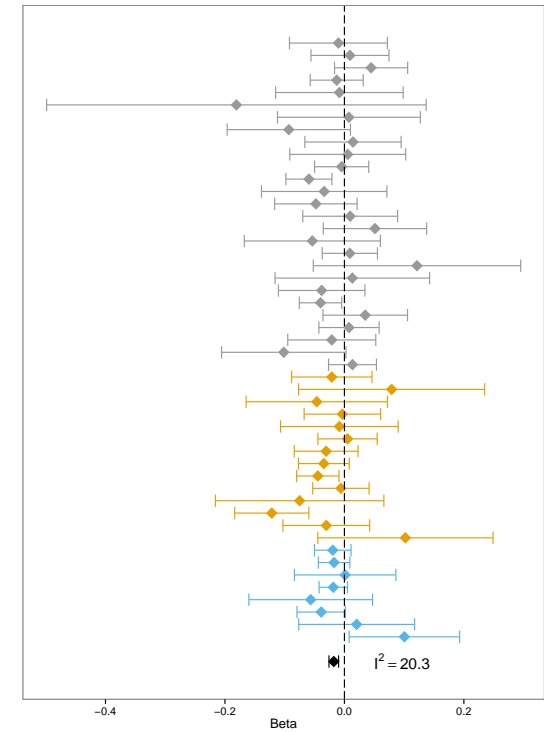
rs10995311 in ADO association with DBP in EUR

Study Name	N	Beta	SE	P-value
AIRWAVE	1902	0.064	0.032	0.046
ASCOT_SC	2461	-0.032	0.029	0.27
ASCOT_UK	3245	0.063	0.025	0.011
1958BC	5864	0.0046	0.019	0.80
BRIGHT CASES	1105	-0.019	0.043	0.66
BRIGHT CONTROLS	127	0.030	0.13	0.82
DIABNORD (GLACIER)	912	-0.036	0.047	0.44
EGCUT	1785	0.031	0.035	0.36
FENLAND controls	1170	-0.028	0.042	0.50
GLACIER controls	922	0.049	0.047	0.29
GODARTS_diabetics	2657	0.024	0.027	0.39
GODARTS_non diabetics	2061	0.022	0.031	0.47
GRAPHIC	1899	0.055	0.036	0.12
HELICMANOLIS	961	0.055	0.048	0.25
HUNT	4735	0.030	0.021	0.15
LIFELINES	1948	-0.0039	0.032	0.90
MDC	8320	0.030	0.016	0.056
NFBC1986	1887	0.024	0.033	0.46
OB	4440	0.013	0.021	0.54
PIVUS/ULSAM	1998	0.068	0.032	0.031
TwinsUK	1014	0.035	0.044	0.43
UKHLS	7239	0.044	0.017	0.0086
ADDITION	2310	0.037	0.029	0.20
DPS	416	-0.080	0.073	0.28
DR's EXTRA	739	0.034	0.054	0.53
FIN-D2D 2007	2570	0.058	0.029	0.044
FINRISK 2007	1088	0.052	0.043	0.23
FUSION	4237	-0.037	0.022	0.092
Health 2006/2008	3709	0.023	0.023	0.33
Inter99	6078	-0.0053	0.019	0.78
METSIM	8389	0.027	0.016	0.098
PPP	4766	0.060	0.021	0.0040
SDC	500	0.058	0.061	0.35
SDR/ANDIS	2636	0.014	0.028	0.61
VeijleCases	2006	0.025	0.033	0.45
VeijleCtrl	431	0.0097	0.069	0.89
CCHS	8070	-0.0011	0.015	0.94
CGPS	11783	0.011	0.012	0.38
CHIHS	1434	0.016	0.037	0.67
EPIC-CVD	15674	-0.0041	0.011	0.70
EPIC-InterAct	1078	-0.0049	0.045	0.91
MORGAM	5757	0.034	0.018	0.065
WOSCOPS	1337	-0.015	0.037	0.68
Summary	143660	0.017	0.0037	2.632e-06



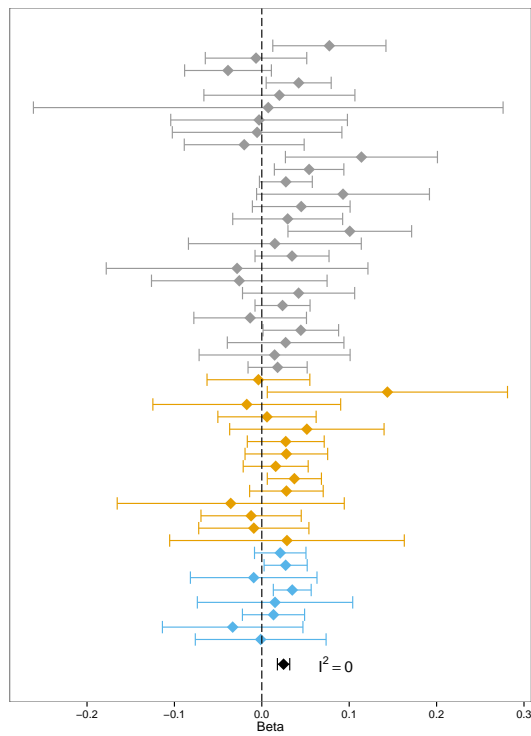
rs11229457 in OR5B12 association with SBP in EUR

Study Name	N	Beta	SE	P-value
AIRWAVE	1902	-0.010	0.042	0.81
ASCOT_SC	2461	0.0093	0.033	0.78
ASCOT_UK	3245	0.045	0.031	0.15
1958BC	5864	-0.013	0.023	0.57
BRIGHT CASES	1105	-0.0084	0.054	0.88
BRIGHT CONTROLS	127	0.15	0.27	0.57
CROATIA-Korcula	821	0.0075	0.061	0.90
DIABNORD (GLACIER)	912	-0.093	0.053	0.077
EGCUT	1785	0.014	0.041	0.71
FENLAND controls	1170	0.0056	0.049	0.93
FINRISK97/02	5152	-0.0046	0.023	0.84
GS-SFHS	9828	-0.059	0.020	0.0025
GLACIER controls	922	-0.034	0.054	0.53
GODARTS_diabetics	2657	-0.048	0.035	0.18
GODARTS_non diabetics	2061	0.0097	0.040	0.81
GRAPHIC	1899	0.051	0.044	0.25
HELICMANOLIS	961	-0.054	0.058	0.36
HUNT	4735	0.0091	0.024	0.70
LBC1921	359	0.12	0.089	0.17
LBC1936	783	0.013	0.066	0.84
LIFELINES	1948	-0.038	0.037	0.30
MDC	8317	-0.040	0.018	0.027
NFBC1986	1887	0.035	0.036	0.33
OB	4440	0.0077	0.026	0.77
PIVUS/ULSAM	1998	-0.021	0.038	0.57
TwinsUK	1014	-0.10	0.053	0.056
UKHLS	7239	0.014	0.020	0.51
ADDITION	2310	-0.021	0.034	0.54
DPS	416	0.079	0.079	0.32
DR's EXTRA	739	-0.046	0.060	0.44
FIN-D2D 2007	2570	-0.0034	0.033	0.92
FINRISK 2007	1088	-0.0085	0.050	0.87
FUSION	4237	0.0052	0.025	0.84
Health 2006/2008	3709	-0.031	0.027	0.26
Inter99	6080	-0.034	0.022	0.11
METSIM	8388	-0.044	0.018	0.014
PPP	4766	-0.0059	0.024	0.81
SDC	500	-0.075	0.072	0.30
SDR/ANDIS	2636	-0.12	0.032	0.00013
VeijleCases	2000	-0.030	0.037	0.41
VeijleCtrl	430	0.10	0.075	0.17
CCHS	8070	-0.019	0.016	0.21
CGPS	11784	-0.017	0.013	0.20
CHIHS	1436	0.0012	0.043	0.98
EPIC-CVD	15676	-0.012	0.012	0.12
EPIC-InterAct	1077	-0.056	0.053	0.29
MORGAM	5757	-0.039	0.021	0.060
PROSPER	1275	0.021	0.049	0.68
WOSCOPS	1337	0.10	0.047	0.034
Summary	161873	-0.018	0.0041	1.206e-05

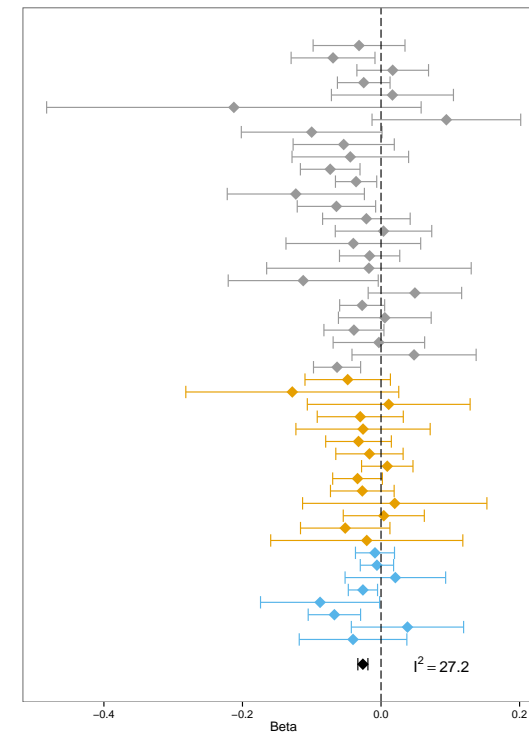


rs7302981 in *CERS5* association with DBP in EUR

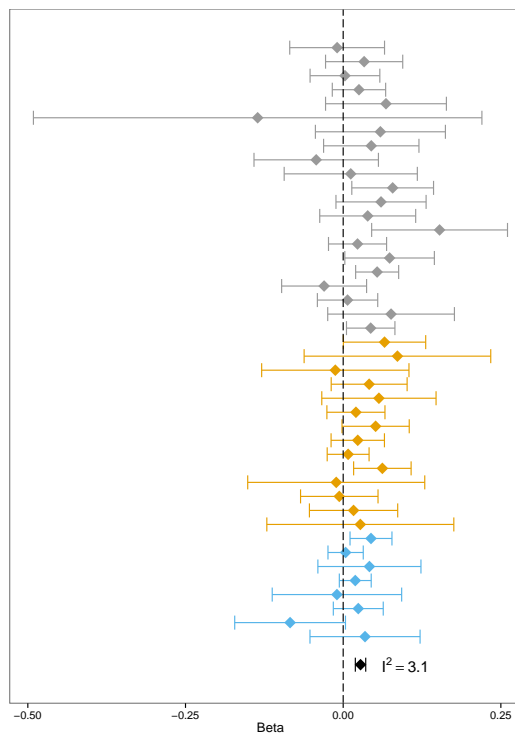
Study Name	N	Beta	SE	P-value
AIRWAVE	1902	0.077	0.033	0.019
ASCOT_SC	2461	-0.0066	0.030	0.82
ASCOT_UK	3245	-0.039	0.025	0.13
1958BC	5864	0.042	0.019	0.026
BRIGHT CASES	1105	0.020	0.044	0.65
BRIGHT CONTROLS	127	0.0074	0.14	0.96
CROATIA-Korcula	825	-0.0031	0.052	0.95
DIABNORD (GLACIER)	912	-0.0054	0.050	0.91
EGCUT	1785	-0.020	0.035	0.57
FENLAND controls	1170	0.11	0.044	0.010
FINRISK7/02	5153	0.054	0.020	0.0077
GS-SFHS	9829	0.028	0.015	0.075
GLACIER controls	922	0.093	0.050	0.066
GODARTS_diabetics	2657	0.045	0.029	0.11
GODARTS_non diabetics	2061	0.030	0.032	0.36
GRAPHIC	1899	0.10	0.036	0.0053
HELICMANOLIS	961	0.015	0.050	0.77
HUNT	4735	0.035	0.022	0.11
LBC1921	359	-0.028	0.076	0.71
LBC1936	783	-0.026	0.051	0.62
LIFELINES	1948	0.042	0.033	0.20
MDC	8320	0.024	0.016	0.14
NFBC1986	1887	-0.013	0.033	0.69
OB	4440	0.045	0.022	0.043
PIVUS/ULSAM	1998	0.027	0.034	0.42
TwinsUK	1014	0.015	0.044	0.74
UKHLS	7240	0.018	0.017	0.30
ADDITION	2310	-0.0039	0.030	0.90
DPS	416	0.14	0.070	0.041
DR's EXTRA	739	-0.017	0.055	0.75
FIN-D2D 2007	2570	0.029	0.039	0.84
FINRISK 2007	1088	0.052	0.045	0.25
FUSION	4237	0.027	0.022	0.22
Health 2006/2008	3709	0.028	0.024	0.24
Inter99	6078	0.016	0.019	0.40
METSIM	8389	0.037	0.016	0.018
PPP	4766	0.028	0.021	0.19
SDC	500	-0.036	0.066	0.59
SDR/ANDIS	2636	-0.012	0.029	0.68
Veijecases	2006	-0.0092	0.032	0.78
Veijectrl	431	0.029	0.068	0.67
CCHS	8070	0.021	0.015	0.16
CGPS	11783	0.027	0.013	0.030
CIHDS	1434	-0.0093	0.037	0.80
EPIC-CVD	15674	0.035	0.011	0.0016
EPIC-InterAct	1078	0.015	0.045	0.74
MORGAM	5757	0.013	0.018	0.46
PROSPER	1275	-0.033	0.041	0.41
WOSCOPS	1337	-0.0013	0.038	0.97
Summary	161884	0.025	0.0036	3.734e-12

rs452036 in *MYH6* association with PP in EUR

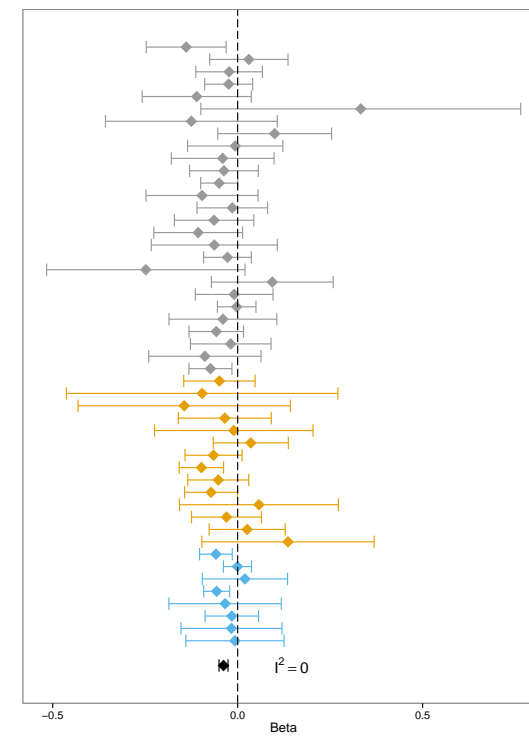
Study Name	N	Beta	SE	P-value
AIRWAVE	1902	-0.032	0.034	0.35
ASCOT_SC	2461	-0.069	0.031	0.025
ASCOT_UK	3245	0.017	0.026	0.52
1958BC	5861	-0.025	0.019	0.20
BRIGHT CASES	1105	0.016	0.045	0.71
BRIGHT CONTROLS	127	-0.21	0.14	0.13
CROATIA-Korcula	824	0.094	0.055	0.085
DIABNORD (GLACIER)	912	-0.10	0.052	0.054
EGCUT	1785	-0.054	0.037	0.15
FENLAND controls	1170	-0.044	0.043	0.30
FINRISK7/02	5153	-0.053	0.022	0.00084
GS-SFHS	9827	-0.036	0.015	0.018
GLACIER controls	922	-0.12	0.050	0.015
GODARTS_diabetics	2657	-0.064	0.029	0.026
GODARTS_non diabetics	2061	-0.021	0.032	0.51
GRAPHIC	1899	0.036	0.036	0.92
HELICMANOLIS	961	-0.040	0.050	0.42
HUNT	4735	-0.016	0.022	0.46
LBC1921	359	-0.017	0.075	0.82
LBC1936	783	-0.11	0.055	0.042
LIFELINES	1948	0.049	0.034	0.10
MDC	8318	-0.027	0.017	0.10
NFBC1986	1887	0.0055	0.034	0.87
OB	4440	-0.039	0.022	0.077
PIVUS/ULSAM	1998	-0.0031	0.034	0.93
TwinsUK	1014	0.049	0.046	0.30
UKHLS	7236	-0.063	0.017	0.00025
ADDITION	2309	-0.048	0.031	0.13
DPS	416	-0.13	0.078	0.10
DR's EXTRA	739	0.011	0.060	0.85
FIN-D2D 2007	2570	-0.030	0.032	0.34
FINRISK 2007	1088	-0.026	0.049	0.60
FUSION	4237	-0.032	0.024	0.18
Health 2006/2008	3709	-0.017	0.025	0.50
Inter99	6077	0.0090	0.019	0.63
METSIM	8389	0.018	0.018	0.064
PPP	4766	-0.027	0.023	0.25
SDC	499	0.020	0.068	0.77
SDR/ANDIS	2634	0.040	0.030	0.89
Veijecases	2000	-0.052	0.033	0.12
Veijectrl	430	0.021	0.071	0.77
CCHS	8070	-0.0087	0.014	0.54
CGPS	11781	-0.0059	0.012	0.63
CIHDS	1433	0.021	0.037	0.58
EPIC-CVD	15672	-0.026	0.011	0.015
EPIC-InterAct	1077	-0.081	0.045	0.045
MORGAM	5757	-0.067	0.019	0.00049
PROSPER	1275	0.038	0.041	0.36
WOSCOPS	1336	-0.040	0.040	0.31
Summary	161850	-0.026	0.0037	7.945e-13

rs1126464 in *DPEP1* association with DBP in EUR

Study Name	N	Beta	SE	P-value
AIRWAVE	1902	-0.0096	0.038	0.80
ASCOT_SC	2461	0.033	0.29	0.93
ASCOT_UK	3245	0.0028	0.028	0.92
1958BC	5864	0.025	0.022	0.25
BRIGHT CASES	1105	0.068	0.049	0.17
BRIGHT CONTROLS	127	-0.14	0.18	0.46
DIABNORD (GLACIER)	912	0.059	0.053	0.26
EGCUT	1785	0.045	0.039	0.25
FENLAND controls	1170	-0.043	0.050	0.40
GLACIER controls	922	0.012	0.054	0.82
GODARTS_diabetics	2657	0.078	0.033	0.018
GODARTS_non diabetics	2061	0.060	0.036	0.10
GRAPHIC	1899	0.039	0.039	0.32
HELICMANOLIS	961	0.15	0.055	0.0059
HUNT	4735	0.023	0.023	0.33
LIFELINES	1948	0.074	0.036	0.042
MDC	8315	0.054	0.017	0.0020
NFBC1986	1887	-0.030	0.034	0.38
OB	4440	0.0069	0.024	0.78
TwinsUK	1014	0.076	0.051	0.14
UKHLS	7240	0.044	0.020	0.026
ADDITION	2310	0.066	0.033	0.049
DPS	416	0.086	0.075	0.26
DR's EXTRA	739	-0.012	0.060	0.83
FIN-D2D 2007	2570	0.041	0.031	0.18
FINRISK 2007	1088	0.057	0.046	0.22
FUSION	4237	0.020	0.023	0.39
Health 2006/2008	3709	0.051	0.027	0.059
Inter99	6078	0.023	0.022	0.28
METSIM	8389	0.0078	0.017	0.64
PPP	4766	0.062	0.023	0.0076
SDC	500	-0.011	0.072	0.88
SDR/ANDIS	2636	-0.0082	0.031	0.84
Veijecases	2006	0.016	0.038	0.65
Veijectrl	431	0.027	0.076	0.72
CCHS	8070	0.044	0.017	0.0093
CGPS	11783	0.0039	0.014	0.79
CIHDS	1434	0.042	0.042	0.32
EPIC-CVD	15674	0.019	0.013	0.14
EPIC-InterAct	1078	-0.0099	0.052	0.85
MORGAM	5757	0.024	0.020	0.24
PROSPER	1275	-0.084	0.045	0.060
WOSCOPS	1337	0.035	0.045	0.44
Summary	142933	0.028	0.0042	8.367e-11

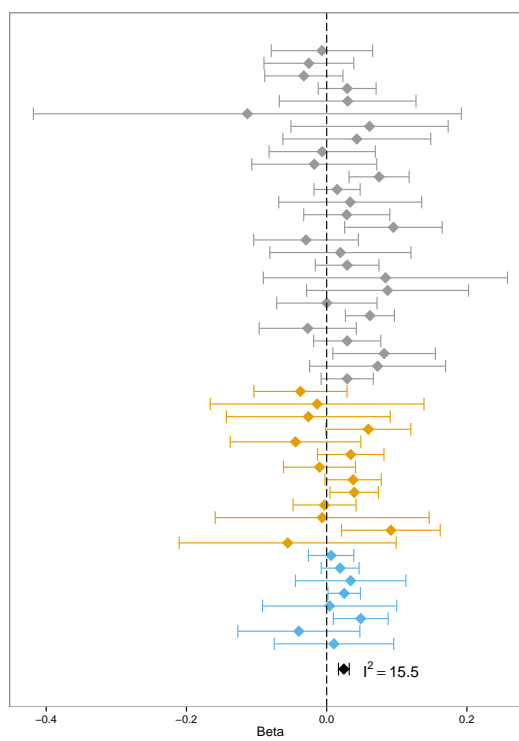
rs7406910 in *HOXB7* association with SBP in EUR

Study Name	N	Beta	SE	P-value
AIRWAVE	1902	-0.14	0.055	0.012
ASCOT_SC	2460	0.030	0.054	0.58
ASCOT_UK	3245	-0.023	0.046	0.61
1958BC	5864	-0.024	0.033	0.46
BRIGHT CASES	1105	-0.11	0.075	0.14
BRIGHT CONTROLS	127	0.33	0.22	0.13
CROATIA-Korcula	827	-0.13	0.12	0.29
DIABNORD (GLACIER)	912	0.10	0.078	0.20
EGCUT	1785	-0.0066	0.066	0.92
FENLAND controls	1170	-0.040	0.071	0.57
FINRISK7/02	5152	-0.037	0.047	0.43
GS-SFHS	9832	-0.050	0.026	0.050
GLACIER controls	922	-0.096	0.077	0.21
GODARTS_diabetics	2657	-0.015	0.049	0.77
GODARTS_non diabetics	2061	-0.064	0.055	0.24
GRAPHIC	1899	-0.11	0.061	0.081
HELICMANOLIS	961	-0.063	0.087	0.47
HUNT	4735	-0.027	0.033	0.40
LBC1921	359	-0.25	0.14	0.070
LBC1936	783	0.084	0.084	0.27
LIFELINES	1948	-0.0095	0.054	0.86
MDC	8314	-0.0026	0.027	0.92
NFBC1986	1886	-0.040	0.074	0.59
OB	4440	-0.058	0.038	0.13
PIVUS/ULSAM	1998	-0.019	0.056	0.74
TwinsUK	1014	-0.089	0.077	0.25
UKHLS	7240	-0.074	0.030	0.013
ADDITION	2310	-0.049	0.049	0.32
DPS	416	-0.096	0.19	0.61
DR's EXTRA	739	-0.14	0.15	0.32
FIN-D2D 2007	2570	-0.035	0.064	0.59
FINRISK 2007	1088	-0.010	0.11	0.92
FUSION	4237	0.036	0.052	0.49
Health 2006/2008	3709	-0.065	0.039	0.098
Inter99	6080	-0.098	0.031	0.0014
METSIM	8389	0.052	0.042	0.21
PPP	4766	-0.072	0.036	0.048
SDC	500	0.058	0.11	0.60
SDR/ANDIS	2636	-0.030	0.048	0.53
Veijecases	2000	0.026	0.052	0.62
Veijectrl	430	0.12	0.25	0.25
CCHS	8070	-0.059	0.023	0.0091
CGPS	11784	-0.00061	0.019	0.98
CIHDS	1436	0.020	0.059	0.74
EPIC-CVD	15676	-0.057	0.018	0.0015
EPIC-InterAct	1077	-0.034	0.077	0.66
MORGAM	5757	-0.016	0.037	0.67
PROSPER	1275	-0.017	0.070	0.81
WOSCOPS	1337	-0.0074	0.068	0.91
Summary	161880	-0.038	0.0062	6.711e-10

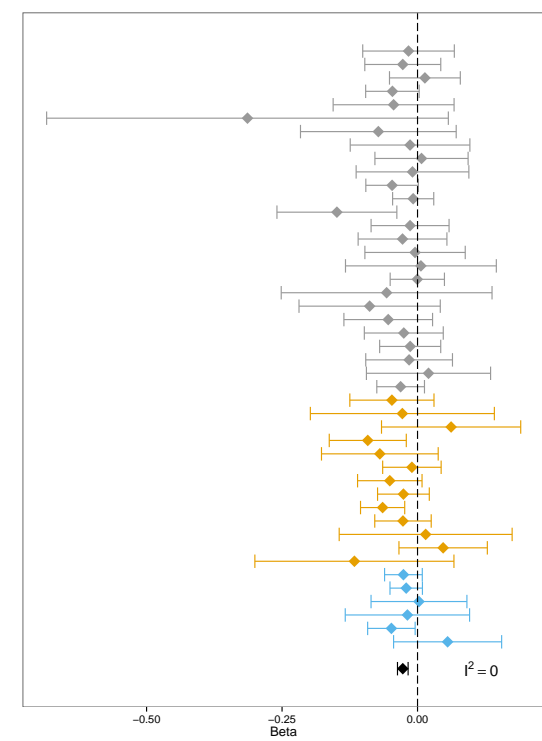


rs068318 in *TBX2* association with DBP in EUR

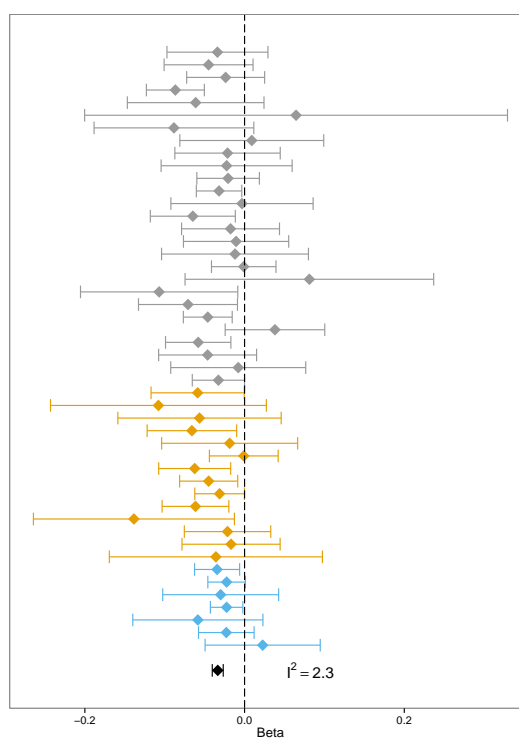
Study Name	N	Beta	SE	P-value
AIRWAVE	1902	-0.0068	0.037	0.85
ASCOT_SC	2461	-0.025	0.033	0.44
ASCOT_UK	3245	-0.033	0.028	0.25
1958BC	5864	0.029	0.021	0.16
BRIGHT CASES	1105	0.030	0.050	0.55
BRIGHT CONTROLS	127	-0.11	0.16	0.47
CROATIA-Korcula	826	0.061	0.057	0.29
DIABNORD (GLACIER)	912	0.043	0.054	0.42
EGCUT	1785	-0.0064	0.039	0.87
FENLAND controls	1170	-0.018	0.045	0.70
FINRISK97/02	5152	0.075	0.022	0.00063
GS-SFHS	9832	0.015	0.017	0.37
GLACIER controls	922	0.034	0.052	0.52
GODARTS_diabetics	2657	0.029	0.031	0.36
GODARTS_non diabetics	2061	0.095	0.035	0.0074
GRAPHIC	1899	-0.029	0.038	0.44
HELICMANOLIS	961	0.020	0.051	0.70
HUNT	4735	0.023	0.023	0.21
LBC1921	359	0.084	0.089	0.35
LBC1936	783	0.087	0.059	0.14
LIFELINES	1948	0.00017	0.036	1.0
MDC	8317	0.062	0.018	0.00053
NFBC1986	1887	-0.027	0.035	0.45
OB	4440	0.029	0.024	0.23
PIVUS/ULSAM	1998	0.082	0.037	0.028
TwinsUK	1014	0.073	0.049	0.14
UKHLS	7239	0.029	0.019	0.12
ADDITION	2310	-0.037	0.034	0.27
DPS	416	-0.014	0.078	0.86
DR's EXTRA	739	-0.026	0.060	0.66
FIN-D2D 2007	2570	0.059	0.031	0.055
FINRISK 2007	1088	-0.044	0.048	0.35
FUSION	4237	0.034	0.024	0.16
Health 2006/2008	3709	-0.020	0.026	0.70
Inter99	6078	0.038	0.020	0.066
METSIM	8389	0.039	0.018	0.026
PPP	4766	-0.0030	0.023	0.90
SDC	500	-0.0064	0.078	0.93
VejeCases	2006	0.036	0.036	0.11
VejeCtrl	431	-0.056	0.079	0.48
CCHS	8070	0.0063	0.017	0.70
CGPS	11783	0.019	0.014	0.16
CIHDS	1434	0.034	0.040	0.39
EPIC-CVD	15674	0.025	0.012	0.034
EPIC-InterAct	1078	0.042	0.049	0.93
MORGAM	5757	0.049	0.020	0.015
PROSPER	1275	-0.040	0.044	0.37
WOSCOPS	1337	0.010	0.043	0.81
Summary	159248	0.024	0.0039	5.579e-10

rs10407022 in *AMH* association with PP in EUR

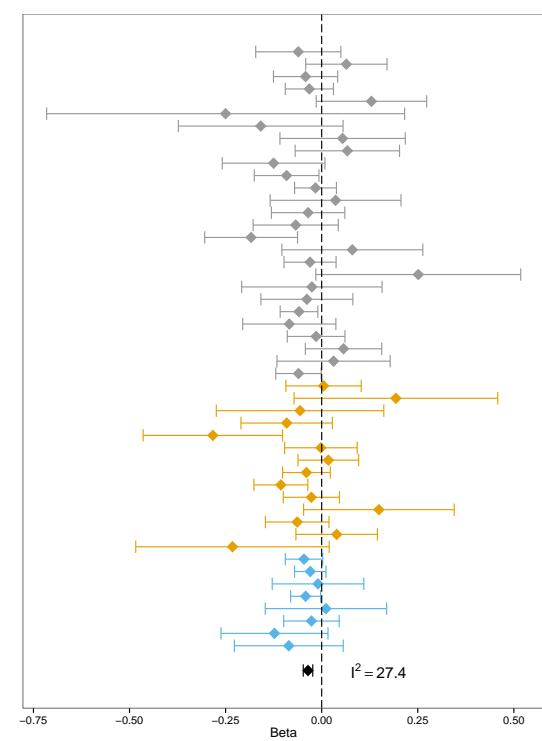
Study Name	N	Beta	SE	P-value
AIRWAVE	1902	-0.017	0.043	0.70
ASCOT_SC	2460	-0.027	0.036	0.45
ASCOT_UK	3245	0.014	0.033	0.68
1958BC	5861	-0.046	0.025	0.066
BRIGHT CASES	1105	-0.044	0.057	0.44
BRIGHT CONTROLS	127	-0.31	0.19	0.10
CROATIA-Korcula	824	-0.072	0.073	0.33
DIABNORD (GLACIER)	911	-0.014	0.056	0.81
EGCUT	1785	0.0073	0.044	0.87
FENLAND controls	1170	-0.0093	0.053	0.86
FINRISK97/02	5151	-0.047	0.025	0.058
GS-SFHS	9828	-0.0080	0.019	0.68
GLACIER controls	922	-0.15	0.056	0.0085
GODARTS_diabetics	2657	-0.014	0.037	0.71
GODARTS_non diabetics	2061	-0.028	0.042	0.51
GRAPHIC	1899	-0.0046	0.047	0.92
HELICMANOLIS	961	0.0062	0.071	0.93
HUNT	4735	-0.00044	0.026	0.99
LBC1921	359	-0.057	0.099	0.57
LBC1936	783	-0.088	0.066	0.18
LIFELINES	1948	-0.054	0.042	0.20
NFBC1986	1887	-0.025	0.037	0.49
OB	4438	-0.014	0.029	0.64
PIVUS/ULSAM	1986	-0.016	0.041	0.70
TwinsUK	1014	0.020	0.058	0.73
UKHLS	7238	-0.031	0.022	0.16
ADDITION	2306	-0.047	0.040	0.23
DPS	416	-0.028	0.087	0.75
DR's EXTRA	739	0.062	0.066	0.34
FIN-D2D 2007	2570	-0.092	0.036	0.011
FINRISK 2007	1087	-0.070	0.055	0.21
FUSION	4236	-0.010	0.028	0.71
Health 2006/2008	3683	-0.051	0.030	0.092
Inter99	6077	-0.026	0.024	0.29
METSIM	8389	-0.064	0.021	0.0020
PPP	4766	-0.027	0.027	0.31
SDC	499	0.015	0.081	0.85
VejeCases	1998	0.047	0.042	0.26
VejeCtrl	430	-0.12	0.094	0.21
CCHS	8032	-0.026	0.018	0.14
CGPS	11774	-0.021	0.015	0.17
CIHDS	1434	0.0027	0.045	0.95
EPIC-InterAct	1069	-0.019	0.059	0.75
MORGAM	5742	-0.048	0.022	0.031
WOSCOPS	1323	0.055	0.051	0.27
Summary	133827	-0.027	0.0050	4.036e-08

rs167479 in *RGL3* association with DBP in EUR

Study Name	N	Beta	SE	P-value
AIRWAVE	1902	-0.034	0.032	0.29
ASCOT_SC	2461	-0.045	0.028	0.11
ASCOT_UK	3245	-0.024	0.025	0.34
1958BC	5864	-0.087	0.019	0.0000029
BRIGHT CASES	1105	-0.061	0.044	0.16
BRIGHT CONTROLS	127	0.064	0.14	0.63
CROATIA-Korcula	820	-0.088	0.051	0.083
DIABNORD (GLACIER)	912	0.090	0.046	0.84
EGCUT	1785	-0.021	0.034	0.53
FENLAND controls	1170	-0.022	0.042	0.59
FINRISK97/02	5153	-0.021	0.020	0.30
GS-SFHS	9807	-0.032	0.015	0.028
GLACIER controls	922	-0.0032	0.045	0.94
GODARTS_diabetics	2657	-0.065	0.027	0.017
GODARTS_non diabetics	2061	-0.018	0.031	0.57
GRAPHIC	1899	-0.011	0.034	0.75
HELICMANOLIS	961	-0.012	0.047	0.80
HUNT	4735	-0.0011	0.021	0.96
LBC1921	359	0.081	0.079	0.31
LBC1936	783	-0.11	0.050	0.033
LIFELINES	1948	-0.071	0.032	0.025
MDC	8320	-0.046	0.016	0.0032
NFBC1986	1887	0.038	0.032	0.23
OB	4440	-0.058	0.021	0.0054
PIVUS/ULSAM	1998	-0.046	0.031	0.14
TwinsUK	1014	-0.0079	0.043	0.85
UKHLS	7240	-0.033	0.017	0.050
ADDITION	2310	-0.059	0.030	0.049
DPS	416	-0.11	0.069	0.12
DR's EXTRA	739	-0.056	0.052	0.28
FIN-D2D 2007	2570	-0.066	0.029	0.021
FINRISK 2007	1088	-0.019	0.043	0.67
FUSION	4237	-0.0010	0.022	0.96
Health 2006/2008	3709	-0.062	0.023	0.0066
Inter99	6078	-0.045	0.019	0.015
METSIM	8389	-0.031	0.016	0.049
PPP	4766	-0.061	0.021	0.0039
SDC	500	-0.14	0.064	0.031
SDR/ANDIS	2636	-0.021	0.028	0.44
VejeCases	2006	-0.017	0.031	0.59
VejeCtrl	431	-0.036	0.068	0.60
CCHS	8070	-0.034	0.014	0.017
CGPS	11783	-0.022	0.012	0.061
CIHDS	1434	-0.030	0.037	0.37
EPIC-CVD	15674	-0.022	0.010	0.030
EPIC-InterAct	1078	-0.058	0.042	0.16
MORGAM	5757	-0.023	0.018	0.20
PROSPER	1275	-0.023	0.037	0.54
WOSCOPS	1337	0.023	0.037	0.54
Summary	160583	-0.034	0.0035	3.482e-22

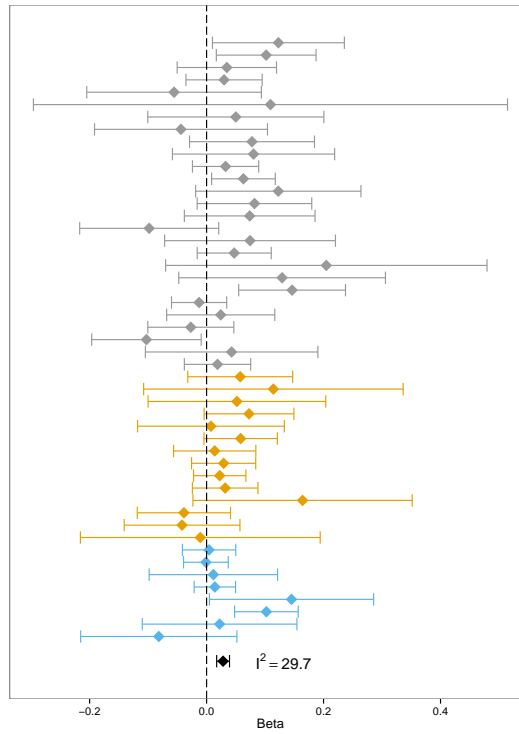
rs2304130 in *ZNF101* association with DBP in EUR

Study Name	N	Beta	SE	P-value
AIRWAVE	1902	-0.061	0.057	0.28
ASCOT_SC	2461	0.064	0.054	0.23
ASCOT_UK	3245	-0.042	0.043	0.33
1958BC	5864	-0.032	0.032	0.32
BRIGHT CASES	1105	0.13	0.073	0.078
BRIGHT CONTROLS	127	-0.25	0.24	0.29
CROATIA-Korcula	827	-0.16	0.11	0.15
DIABNORD (GLACIER)	912	0.054	0.083	0.51
EGCUT	1785	0.067	0.069	0.34
FENLAND controls	1170	-0.13	0.068	0.067
FINRISK97/02	5153	-0.091	0.043	0.033
GS-SFHS	9831	-0.016	0.028	0.56
GLACIER controls	922	0.036	0.087	0.68
GODARTS_diabetics	2657	-0.035	0.049	0.47
GODARTS_non diabetics	2061	-0.068	0.057	0.23
GRAPHIC	1899	-0.18	0.062	0.0029
HELICMANOLIS	961	0.080	0.094	0.39
HUNT	4735	-0.030	0.035	0.38
LBC1921	359	0.25	0.14	0.065
LBC1936	783	-0.026	0.083	0.78
LIFELINES	1948	-0.039	0.081	0.53
MDC	8309	-0.059	0.025	0.018
NFBC1986	1886	-0.084	0.062	0.17
OB	4440	-0.015	0.038	0.70
PIVUS/ULSAM	1998	0.057	0.051	0.26
TwinsUK	1014	0.031	0.075	0.68
UKHLS	7233	-0.060	0.030	0.045
ADDITION	2310	0.0049	0.050	0.92
DPS	416	0.19	0.14	0.15
DR's EXTRA	739	-0.056	0.11	0.61
FIN-D2D 2007	2570	-0.091	0.061	0.13
FINRISK 2007	1088	-0.28	0.093	0.0023
FUSION	4237	-0.0021	0.048	0.97
Health 2006/2008	3709	0.017	0.040	0.67
Inter99	6078	-0.040	0.032	0.21
METSIM	8389	-0.11	0.036	0.0030
PPP	4766	-0.027	0.037	0.47
SDC	500	0.15	0.10	0.14
SDR/ANDIS	2636	-0.064	0.042	0.13
VejeCases	2006	0.039	0.054	0.47
VejeCtrl	431	-0.23	0.13	0.071
CCHS	8070	-0.046	0.025	0.064
CGPS	11783	-0.030	0.021	0.15
CIHDS	1434	-0.0096	0.061	0.87
EPIC-CVD	15674	-0.042	0.020	0.035
EPIC-InterAct	1078	0.011	0.081	0.89
MORGAM	5757	-0.027	0.037	0.47
PROSPER	1275	-0.12	0.071	0.083
WOSCOPS	1337	-0.086	0.072	0.24
Summary	161870	-0.036	0.0063	1.659e-08

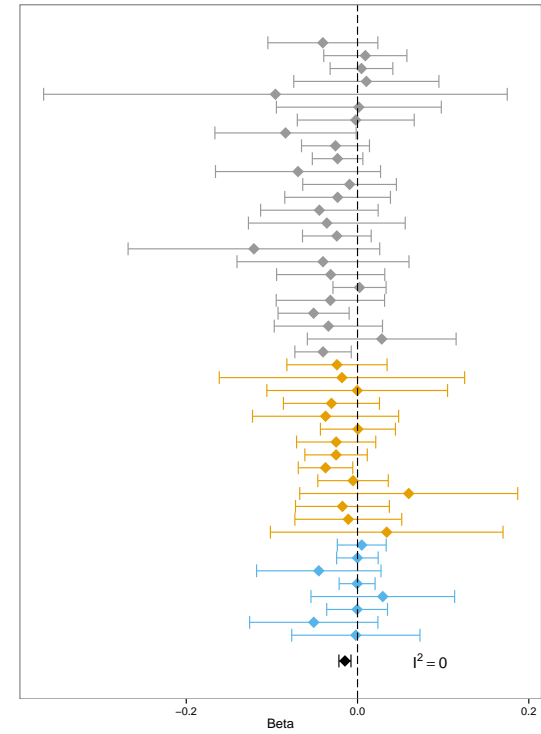


rs867186 in *PROCR* association with DBP in EUR

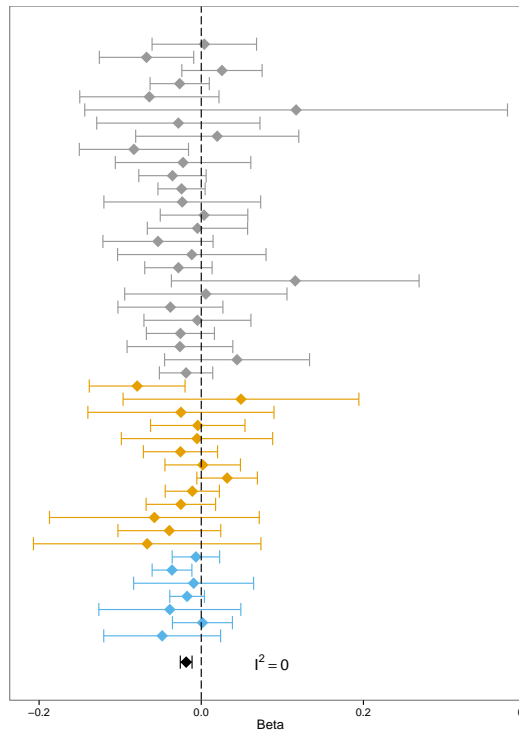
Study Name	N	Beta	SE	P-value
AIRWAVE	1902	0.12	0.058	0.033
ASCOT_SC	2461	0.10	0.044	0.019
ASCOT_UK	3245	0.035	0.043	0.42
1958BC	5864	0.030	0.033	0.37
BRIGHT CASES	1105	-0.056	0.076	0.47
BRIGHT CONTROLS	127	0.11	0.21	0.60
CROATIA-Korcula	826	0.050	0.077	0.52
DIABNORD (GLACIER)	912	-0.044	0.075	0.56
EGCUT	1785	0.078	0.055	0.15
FENLAND controls	1170	0.080	0.071	0.26
FINRISK97/02	5153	0.032	0.029	0.26
GS:SFHS	9828	0.065	0.028	0.023
GLACIER controls	922	0.12	0.072	0.089
GODARTS_diabetics	2657	0.082	0.050	0.10
GODARTS_non diabetics	2061	0.074	0.057	0.20
GRAPHIC	1899	-0.098	0.061	0.11
HELICMANOLIS	961	0.074	0.075	0.32
HUNT	4735	0.047	0.032	0.14
LBC1921	359	0.20	0.14	0.15
LBC1936	783	0.13	0.090	0.15
LIFELINES	1948	0.15	0.047	0.0017
MDC	8320	-0.013	0.024	0.59
NFBC1986	1887	0.024	0.047	0.61
OB	4440	-0.027	0.038	0.47
PIVUS/ULSAM	1998	-0.10	0.048	0.031
TwinsUK	1014	0.025	0.045	0.57
UKHLS	7239	0.019	0.029	0.52
ADDITION	2310	0.058	0.046	0.21
DPS	416	0.11	0.11	0.31
DR's EXTRA	739	0.052	0.078	0.50
FIN-D2D 2007	2570	0.072	0.039	0.064
FINRISK 2007	1088	0.0074	0.064	0.91
FUSION	4237	0.058	0.032	0.069
Health 2006/2008	3709	0.014	0.036	0.70
Inter99	6078	0.029	0.028	0.30
METSIM	8389	0.022	0.023	0.33
PPP	4766	0.032	0.029	0.27
SDC	500	0.16	0.096	0.087
SDR/ANDIS	2636	-0.039	0.041	0.34
VeijleCases	2006	-0.042	0.050	0.41
VeijleCtrl	431	-0.011	0.10	0.92
CCHS	8070	0.0042	0.023	0.85
CGPS	11783	-0.0012	0.020	0.95
CHIHS	1434	0.012	0.056	0.84
EPIC-CVD	15674	0.014	0.018	0.43
EPIC-InterAct	1078	0.15	0.072	0.043
MORGAM	5757	0.10	0.028	0.00023
PROSPER	1275	0.022	0.067	0.74
WOSCOPS	1337	-0.082	0.068	0.23
Summary	161885	0.028	0.0056	4.044e-07

rs6095241 in *PREX1* association with DBP in EUR

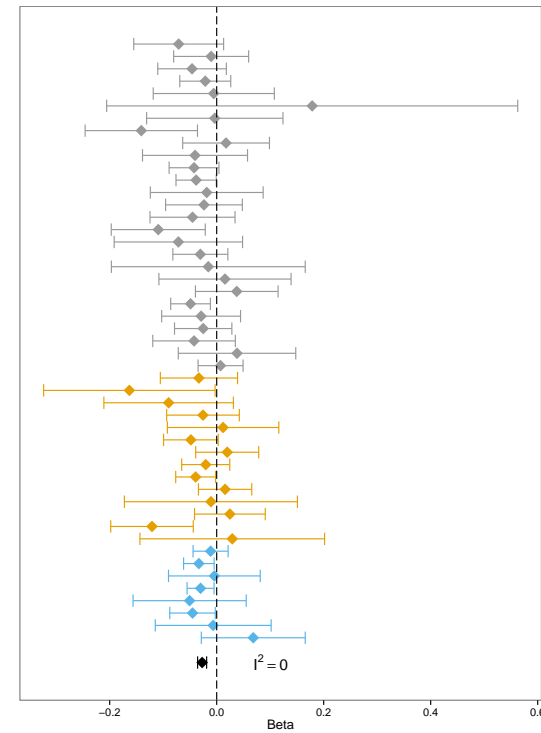
Study Name	N	Beta	SE	P-value
AIRWAVE	1902	-0.040	0.033	0.22
ASCOT_UK	3245	0.0091	0.025	0.71
1958BC	5864	0.0046	0.019	0.81
BRIGHT CASES	1105	0.010	0.043	0.81
BRIGHT CONTROLS	127	-0.096	0.14	0.49
DIABNORD (GLACIER)	912	0.0015	0.049	0.97
EGCUT	1785	-0.0021	0.035	0.95
FENLAND controls	1170	-0.084	0.042	0.046
FINRISK97/02	5153	-0.026	0.020	0.20
GS:SFHS	9778	-0.023	0.015	0.12
GLACIER controls	922	-0.070	0.049	0.16
GODARTS_diabetics	2657	-0.0093	0.028	0.74
GODARTS_non diabetics	2061	-0.023	0.031	0.46
GRAPHIC	1899	-0.045	0.035	0.20
HELICMANOLIS	961	-0.036	0.047	0.44
HUNT	4735	-0.024	0.020	0.24
LBC1921	358	-0.12	0.075	0.11
LBC1936	781	-0.040	0.051	0.43
LIFELINES	1948	-0.031	0.032	0.33
MDC	8319	0.0023	0.016	0.88
NFBC1986	1887	-0.032	0.032	0.33
OB	4440	-0.051	0.021	0.015
PIVUS/ULSAM	1998	-0.034	0.032	0.29
TwinsUK	1014	0.028	0.044	0.52
UKHLS	7239	-0.040	0.017	0.017
ADDITION	2310	-0.024	0.030	0.42
DPS	416	-0.018	0.073	0.80
DR's EXTRA	739	-0.00039	0.054	0.99
FIN-D2D 2007	2570	-0.030	0.029	0.29
FINRISK 2007	1088	-0.037	0.044	0.39
FUSION	4237	0.00047	0.022	0.98
Health 2006/2008	3709	-0.025	0.024	0.29
Inter99	6078	-0.025	0.019	0.18
METSIM	8382	-0.037	0.016	0.021
PPP	4766	-0.0052	0.021	0.80
SDC	500	0.060	0.065	0.36
SDR/ANDIS	2636	-0.018	0.028	0.53
VeijleCases	2006	-0.011	0.032	0.74
VeijleCtrl	431	0.034	0.069	0.62
CCHS	8070	0.0050	0.015	0.73
CGPS	11783	-0.00015	0.012	0.99
CHIHS	1434	-0.045	0.037	0.22
EPIC-CVD	15674	-0.00048	0.011	0.97
EPIC-InterAct	1078	0.030	0.043	0.49
MORGAM	5757	-0.00050	0.018	0.98
PROSPER	1275	-0.051	0.038	0.18
WOSCOPS	1337	-0.0020	0.038	0.96
Summary	158536	-0.015	0.0036	3.371e-05

rs9306160 in *RRP1B* association with DBP in EUR

Study Name	N	Beta	SE	P-value
AIRWAVE	1902	0.0038	0.033	0.91
ASCOT_SC	2459	-0.068	0.030	0.023
ASCOT_UK	3245	0.026	0.025	0.31
1958BC	5864	-0.027	0.019	0.15
BRIGHT CASES	1105	-0.064	0.044	0.14
BRIGHT CONTROLS	127	0.12	0.13	0.38
CROATIA-Korcula	824	-0.028	0.051	0.58
DIABNORD (GLACIER)	912	0.021	0.051	0.70
EGCUT	1785	-0.083	0.034	0.016
FENLAND controls	1170	-0.022	0.043	0.60
FINRISK97/02	5153	-0.036	0.021	0.094
GS:SFHS	9804	-0.024	0.015	0.10
GLACIER controls	922	-0.023	0.049	0.64
GODARTS_diabetics	2657	0.0034	0.028	0.90
GODARTS_non diabetics	2061	-0.0047	0.032	0.88
GRAPHIC	1899	-0.053	0.035	0.12
HELICMANOLIS	961	-0.012	0.047	0.80
HUNT	4735	-0.028	0.021	0.18
LBC1921	359	0.12	0.078	0.14
LBC1936	783	0.0056	0.051	0.91
LIFELINES	1948	-0.039	0.033	0.25
NFBC1986	1887	-0.0047	0.034	0.89
OB	4440	-0.026	0.021	0.23
PIVUS/ULSAM	1998	-0.026	0.033	0.43
TwinsUK	1014	0.044	0.046	0.33
UKHLS	7239	-0.019	0.017	0.26
ADDITION	2310	-0.079	0.030	0.0088
DPS	416	0.049	0.074	0.51
DR's EXTRA	739	-0.025	0.059	0.67
FIN-D2D 2007	2570	-0.0043	0.030	0.88
FINRISK 2007	1088	-0.0052	0.048	0.91
FUSION	4237	-0.026	0.023	0.27
Health 2006/2008	3708	0.0018	0.024	0.94
Inter99	6078	0.032	0.019	0.094
METSIM	8383	-0.011	0.017	0.52
PPP	4766	-0.025	0.022	0.25
SDC	500	-0.058	0.066	0.38
SDR/ANDIS	2634	-0.039	0.032	0.22
VeijleCases	2006	-0.067	0.072	0.35
VeijleCtrl	431	-0.0066	0.015	0.66
CCHS	8070	-0.036	0.013	0.0039
CGPS	11783	-0.0094	0.038	0.80
CHIHS	1434	-0.0094	0.038	0.80
EPIC-CVD	15674	-0.017	0.011	0.11
EPIC-InterAct	1078	-0.039	0.045	0.39
MORGAM	5757	0.0014	0.019	0.94
PROSPER	1275	-0.048	0.037	0.19
WOSCOPS	1337	-0.048	0.037	0.19
Summary	149618	-0.019	0.0037	5.538e-07

rs470113 in *TNRC6B* association with PP in EUR

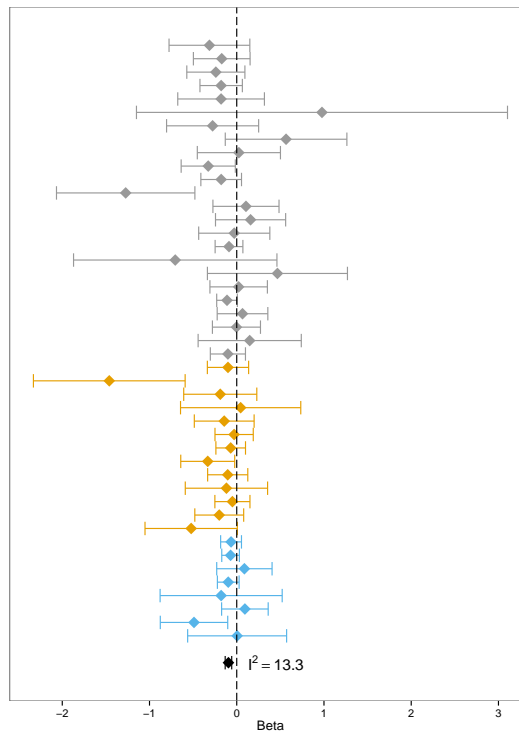
Study Name	N	Beta	SE	P-value
AIRWAVE	1902	-0.071	0.043	0.097
ASCOT_SC	2461	-0.010	0.036	0.77
ASCOT_UK	3245	-0.046	0.033	0.16
1958BC	5861	-0.021	0.024	0.38
BRIGHT CASES	1105	-0.0054	0.058	0.92
BRIGHT CONTROLS	127	0.18	0.20	0.36
CROATIA-Korcula	824	-0.0035	0.065	0.96
DIABNORD (GLACIER)	912	-0.14	0.054	0.0087
EGCUT	1785	0.018	0.041	0.67
FENLAND controls	1170	-0.040	0.050	0.42
FINRISK97/02	5152	-0.042	0.024	0.075
GS:SFHS	9830	-0.038	0.019	0.046
GLACIER controls	922	-0.019	0.054	0.73
GODARTS_diabetics	2657	-0.024	0.037	0.52
GODARTS_non diabetics	2061	-0.045	0.041	0.27
GRAPHIC	1899	-0.11	0.045	0.015
HELICMANOLIS	961	-0.072	0.061	0.24
HUNT	4735	-0.031	0.026	0.24
LBC1921	359	-0.016	0.092	0.87
LBC1936	783	0.016	0.063	0.81
LIFELINES	1948	0.038	0.038	0.34
MDC	8318	-0.049	0.019	0.0098
NFBC1986	1887	-0.029	0.038	0.44
OB	4440	-0.025	0.027	0.36
PIVUS/ULSAM	1998	-0.042	0.039	0.28
TwinsUK	1014	0.038	0.056	0.50
UKHLS	7240	0.0072	0.021	0.74
ADDITION	2309	-0.033	0.037	0.37
DPS	416	-0.16	0.082	0.047
DR's EXTRA	739	-0.090	0.062	0.15
FIN-D2D 2007	2570	-0.026	0.035	0.46
FINRISK 2007	1088	0.012	0.053	0.82
FUSION	4237	-0.048	0.026	0.065
Health 2006/2008	3709	0.020	0.030	0.51
Inter99	6077	-0.021	0.023	0.37
METSIM	8389	-0.039	0.019	0.039
PPP	4766	0.016	0.025	0.54
SDC	499	-0.011	0.083	0.90
SDR/ANDIS	2634	0.025	0.034	0.46
VeijleCases	2000	-0.12	0.039	0.0022
VeijleCtrl	430	0.029	0.088	0.74
CCHS	8068	-0.011	0.017	0.50
CGPS	11783	-0.033	0.015	0.022
CHIHS	1434	-0.0044	0.044	0.92
EPIC-CVD	15672	-0.030	0.013	0.019
EPIC-InterAct	1077	-0.051	0.054	0.35
MORGAM	5757	-0.045	0.022	0.037
PROSPER	1275	-0.0065	0.055	0.90
WOSCOPS	1336	0.068	0.050	0.17
Summary	161861	-0.027	0.0043	2.254e-10



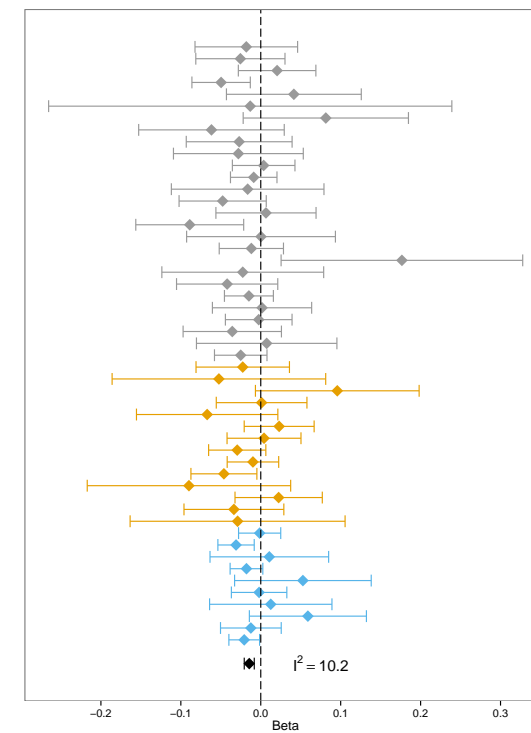


rs35529250 in *RBM47* association with SBP in ALL

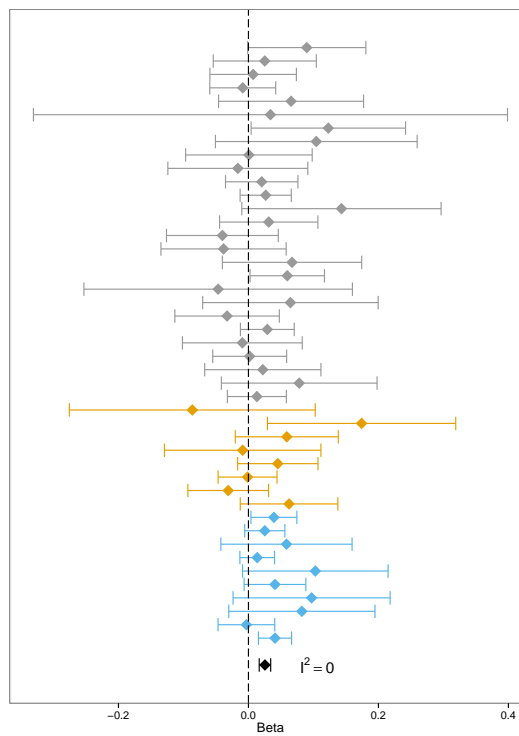
Study Name	N	Beta	SE	P-value
AIRWAVE	1902	-0.31	0.24	0.19
ASCOT_SC	2461	-0.17	0.30	0.37
ASCOT_UK	3245	-0.24	0.17	0.16
1958BC	5864	-0.18	0.12	0.15
BRIGHT CASES	1105	-0.18	0.25	0.48
BRIGHT CONTROLS	127	0.98	1.1	0.37
DIABNORD (GLACIER)	912	-0.28	0.27	0.30
EGCUT	1785	0.57	0.36	0.11
FENLAND controls	1170	0.025	0.24	0.92
FINRISK97/02	5152	-0.33	0.039	0.039
GS-SFHS	9832	-0.18	0.12	0.13
GLACIER controls	922	-1.3	0.40	0.0017
GODARTS_diabetics	2657	0.11	0.19	0.58
GODARTS_non diabetics	2061	0.16	0.21	0.44
GRAPHIC	1899	-0.028	0.21	0.89
HUNT	4735	-0.089	0.081	0.28
LBC1921	359	-0.70	0.59	0.24
LBC1936	783	0.47	0.41	0.26
LIFELINES	1948	0.022	0.17	0.90
MDC	8319	-0.11	0.060	0.065
OB	4440	0.066	0.15	0.65
PIVUS/ULSAM	1998	-0.0033	0.14	0.98
TwinsUK	1014	0.15	0.30	0.62
UKHLS	7240	-0.10	0.32	0.13
ADDITION	2310	-0.10	0.12	0.41
DPS	416	-1.5	0.44	0.0011
FIN-D2D 2007	2570	-0.19	0.21	0.38
FINRISK 2007	1088	0.045	0.35	0.90
FUSION	4237	-0.14	0.17	0.41
Health 2006/2008	3709	-0.030	0.11	0.79
Inter99	6080	-0.069	0.087	0.42
METSIM	8389	-0.33	0.16	0.035
PPP	4766	-0.10	0.12	0.38
SDC	500	-0.12	0.24	0.62
SDR/ANDIS	2636	-0.050	0.10	0.63
VejeCases	2000	-0.20	0.14	0.16
VejeCtrl	430	-0.52	0.27	0.054
CCHS	8070	-0.065	0.061	0.29
CGPS	11784	-0.071	0.052	0.17
CHIHS	1436	0.088	0.16	0.59
EPIC-CVD	15676	-0.097	0.064	0.13
EPIC-InterAct	1077	-0.18	0.36	0.62
MORGAM	5757	0.094	0.14	0.49
PROSPER	1275	-0.49	0.20	0.013
WOSCOPS	1337	0.0045	0.29	0.99
Summary	157473	-0.095	0.019	6.556e-07

rs4728142 in *Tq32.1* association with SBP in ALL

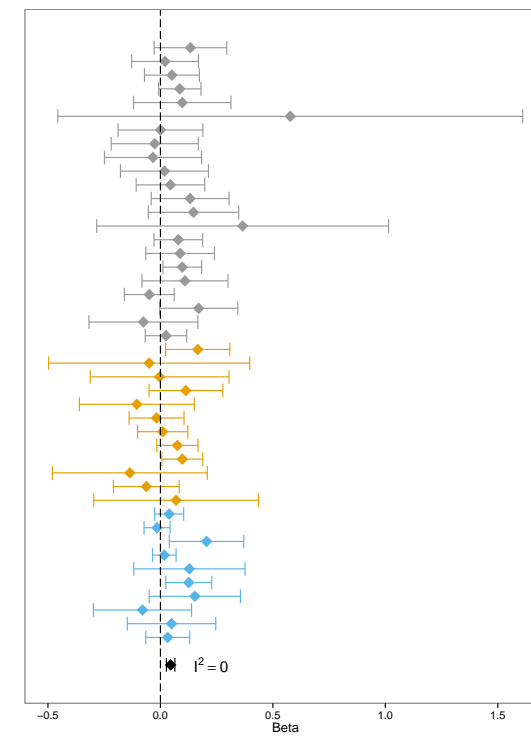
Study Name	N	Beta	SE	P-value
AIRWAVE	1902	-0.018	0.033	0.58
ASCOT_SC	2461	-0.025	0.028	0.37
ASCOT_UK	3245	0.020	0.025	0.41
1958BC	5864	-0.050	0.019	0.0078
BRIGHT CASES	1105	0.041	0.043	0.34
BRIGHT CONTROLS	127	-0.013	0.13	0.92
CROATIA-Korcula	822	0.081	0.053	0.12
DIABNORD (GLACIER)	912	-0.062	0.046	0.18
EGCUT	1785	-0.027	0.034	0.42
FENLAND controls	1170	-0.028	0.10	0.61
FINRISK97/02	5152	0.0036	0.020	0.86
GS-SFHS	9822	-0.0088	0.015	0.55
GLACIER controls	922	-0.016	0.049	0.74
GODARTS_diabetics	2657	-0.048	0.028	0.087
GODARTS_non diabetics	2061	0.0065	0.032	0.84
GRAPHIC	1899	-0.089	0.034	0.010
HELICMANOLIS	961	0.00032	0.047	0.99
HUNT	4735	-0.012	0.021	0.57
LBC1921	359	0.18	0.077	0.023
LBC1936	783	-0.023	0.052	0.66
LIFELINES	1948	-0.042	0.032	0.19
MDC	8319	-0.015	0.016	0.34
NFBC1986	1886	0.0016	0.032	0.96
OB	4440	-0.0025	0.021	0.90
PIVUS/ULSAM	1998	-0.036	0.031	0.26
TwinsUK	1014	0.0074	0.045	0.87
UKHLS	7240	-0.025	0.017	0.13
ADDITION	2310	-0.023	0.030	0.45
DPS	416	-0.052	0.068	0.44
DR's EXTRA	739	0.096	0.052	0.067
FIN-D2D 2007	2570	0.0010	0.029	0.97
FINRISK 2007	1088	-0.067	0.045	0.14
FUSION	4237	0.023	0.022	0.30
Health 2006/2008	3709	0.0041	0.024	0.86
Inter99	6080	-0.029	0.018	0.11
METSIM	8389	-0.0098	0.016	0.55
PPP	4766	-0.046	0.021	0.029
SDC	500	-0.090	0.065	0.17
SDR/ANDIS	2636	0.022	0.028	0.42
VejeCases	2000	-0.034	0.029	0.29
VejeCtrl	430	-0.029	0.069	0.67
CCHS	8070	-0.0014	0.013	0.92
CGPS	11784	-0.031	0.012	0.0077
CHIHS	1436	0.011	0.038	0.78
EPIC-CVD	15676	-0.018	0.010	0.086
EPIC-InterAct	1077	0.053	0.044	0.23
MORGAM	5757	-0.0021	0.018	0.91
PROSPER	1275	0.013	0.039	0.75
WOSCOPS	1337	0.059	0.037	0.11
BRAVE	5250	-0.012	0.019	0.52
PROMIS	20687	-0.021	0.0098	0.034
Summary	187807	-0.014	0.0032	8.1e-06

rs4387287 in *OBFC1* association with SBP in ALL

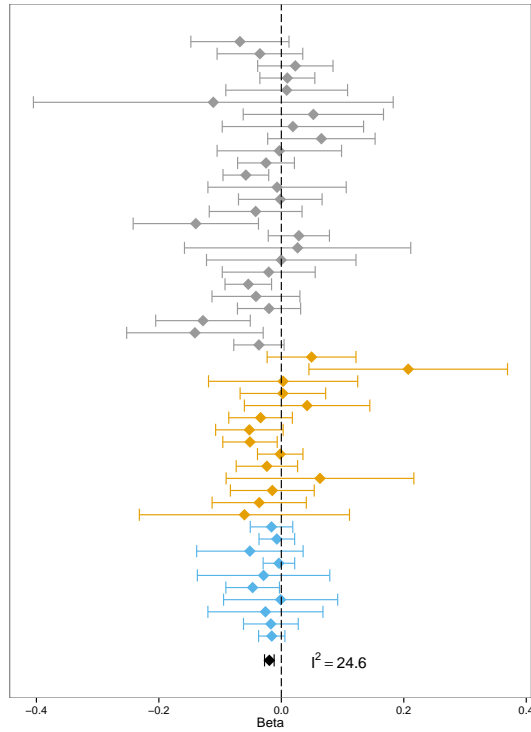
Study Name	N	Beta	SE	P-value
AIRWAVE	1902	0.090	0.046	0.053
ASCOT_SC	2461	0.025	0.040	0.53
ASCOT_UK	3245	0.0072	0.034	0.83
1958BC	5864	-0.0088	0.026	0.74
BRIGHT CASES	1105	0.066	0.057	0.25
BRIGHT CONTROLS	127	0.034	0.19	0.86
CROATIA-Korcula	824	0.12	0.061	0.043
DIABNORD (GLACIER)	912	0.10	0.079	0.19
EGCUT	1785	0.050	0.099	0.59
FENLAND controls	1170	-0.016	0.055	0.77
FINRISK97/02	5152	0.020	0.028	0.47
GS-SFHS	9817	0.027	0.020	0.19
GLACIER controls	922	0.14	0.078	0.068
GODARTS_diabetics	2657	0.031	0.039	0.42
GODARTS_non diabetics	2061	-0.040	0.044	0.36
GRAPHIC	1899	-0.038	0.049	0.44
HELICMANOLIS	961	0.067	0.055	0.22
HUNT	4735	0.060	0.029	0.041
LBC1921	359	-0.047	0.11	0.66
LBC1936	783	0.065	0.069	0.35
LIFELINES	1948	-0.033	0.041	0.42
MDC	8320	0.029	0.021	0.17
NFBC1986	1887	-0.0094	0.047	0.84
OB	4440	0.0019	0.029	0.95
PIVUS/ULSAM	1998	0.022	0.046	0.63
TwinsUK	1014	0.078	0.061	0.20
UKHLS	7240	0.013	0.023	0.58
DPS	416	-0.086	0.097	0.37
DR's EXTRA	739	0.17	0.074	0.019
FIN-D2D 2007	2570	0.059	0.040	0.14
FINRISK 2007	1088	-0.0089	0.061	0.88
FUSION	4237	0.045	0.032	0.15
METSIM	8388	-0.0014	0.023	0.95
PPP	4766	-0.031	0.032	0.33
SDR/ANDIS	2636	0.062	0.038	0.10
CCHS	8070	0.039	0.018	0.030
CGPS	11784	0.025	0.016	0.11
CHIHS	1436	0.059	0.051	0.25
EPIC-CVD	15676	0.013	0.014	0.32
EPIC-InterAct	1077	0.10	0.057	0.072
MORGAM	5757	0.041	0.024	0.092
PROSPER	1275	0.097	0.062	0.12
WOSCOPS	1337	0.082	0.057	0.15
BRAVE	5250	-0.0031	0.022	0.89
PROMIS	20687	0.041	0.013	0.0016
Summary	172777	0.025	0.0045	2.23e-08

rs1126930 in *PRKAG1* association with PP in ALL

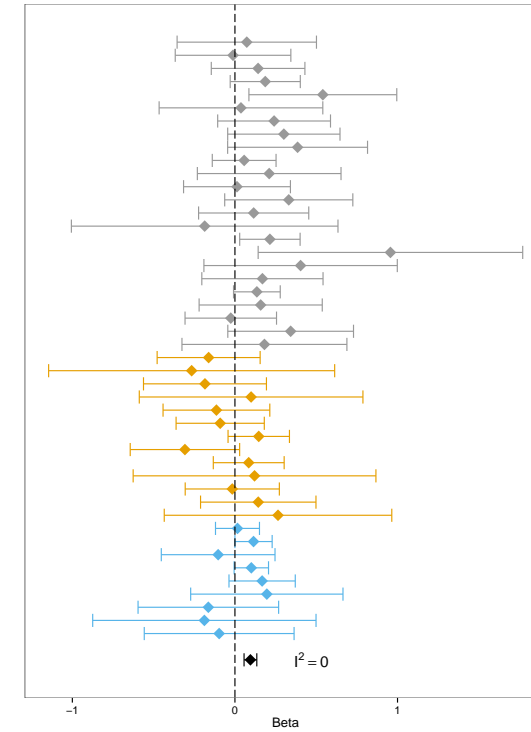
Study Name	N	Beta	SE	P-value
AIRWAVE	1902	0.13	0.082	0.11
ASCOT_SC	2461	0.021	0.076	0.79
ASCOT_UK	3245	0.051	0.062	0.41
1958BC	5861	0.086	0.048	0.074
BRIGHT CASES	1105	0.097	0.11	0.38
BRIGHT CONTROLS	127	0.58	0.53	0.28
DIABNORD (GLACIER)	912	0.00036	0.096	1.0
EGCUT	1785	-0.025	0.099	0.80
FENLAND controls	1170	-0.033	0.11	0.77
GLACIER controls	922	0.018	0.10	0.86
GODARTS_diabetics	2657	0.045	0.078	0.57
GODARTS_non diabetics	2061	0.13	0.088	0.13
GRAPHIC	1899	0.15	0.10	0.15
HELICMANOLIS	961	0.37	0.33	0.27
HUNT	4735	0.080	0.055	0.15
LIFELINES	1948	0.088	0.078	0.26
MDC	8296	0.097	0.044	0.027
NFBC1986	1886	0.11	0.098	0.26
OB	4440	-0.050	0.056	0.38
PIVUS/ULSAM	1998	0.17	0.089	0.054
TwinsUK	1014	-0.076	0.12	0.54
UKHLS	7239	0.025	0.047	0.60
ADDITION	2309	0.17	0.073	0.023
DPS	416	-0.050	0.23	0.83
DR's EXTRA	739	-0.0033	0.16	0.98
FIN-D2D 2007	2570	0.11	0.084	0.17
FINRISK 2007	1088	-0.10	0.13	0.42
FUSION	4237	-0.017	0.082	0.79
Health 2006/2008	3709	0.010	0.057	0.86
Inter99	6077	0.076	0.047	0.11
METSIM	8388	0.097	0.046	0.036
SDC	499	-0.14	0.18	0.44
VejeCases	2000	-0.062	0.075	0.40
VejeCtrl	430	0.070	0.19	0.71
CCHS	8070	0.039	0.033	0.23
CGPS	11783	-0.015	0.030	0.61
CHIHS	1434	0.21	0.084	0.015
EPIC-CVD	15673	0.017	0.027	0.52
EPIC-InterAct	1077	0.13	0.13	0.31
MORGAM	5757	0.13	0.052	0.015
PROSPER	1275	0.15	0.10	0.14
WOSCOPS	1337	-0.080	0.11	0.47
BRAVE	5250	0.049	0.10	0.62
PROMIS	20674	0.033	0.050	0.51
Summary	163412	0.046	0.0096	2.115e-06



Study Name	N	Beta	SE	P-value
AIRWAVE	1902	-0.068	0.041	0.098
ASCOT_SC	2461	-0.035	0.036	0.33
ASCOT_UK	3245	0.023	0.031	0.47
1958BC	5864	0.0098	0.023	0.67
BRIGHT CASES	1105	0.0088	0.051	0.86
BRIGHT CONTROLS	127	-0.11	0.15	0.46
CROATIA-Korcula	822	0.052	0.058	0.37
DIABNORD (GLACIER)	912	0.019	0.059	0.75
EGOUT	1785	0.065	0.045	0.14
FINLAND controls	1170	-0.0033	0.052	0.95
FINRISK97/02	5153	-0.025	0.024	0.29
GS-SFHS	9768	-0.058	0.019	0.0024
GLACIER controls	922	-0.0070	0.058	0.90
GODARTS_diabetics	2657	-0.0017	0.035	0.96
GODARTS_non diabetics	2061	-0.042	0.039	0.28
HELICMANOLIS	961	-0.14	0.052	0.0075
HUNT	4735	0.029	0.025	0.26
LBC1921	359	0.027	0.094	0.78
LBC1936	783	-0.00016	0.062	1.0
LIFELINES	1948	-0.021	0.039	0.59
MDC	8320	-0.054	0.019	0.0054
NFBC1986	1887	-0.041	0.037	0.26
OB	4440	-0.020	0.026	0.45
PIVUS/ULSAM	1936	-0.13	0.039	0.0012
TwinsUK	1014	-0.14	0.057	0.013
UKHLS	7240	-0.037	0.021	0.081
ADDITION	2310	0.049	0.037	0.18
DPS	416	0.21	0.083	0.013
DR's EXTRA	739	0.0029	0.062	0.96
FIN-D2D 2007	2570	0.0025	0.036	0.94
FINRISK 2007	1088	0.042	0.052	0.42
FUSION	4237	-0.034	0.026	0.20
Health 2006/2008	3709	-0.052	0.028	0.064
Inter99	6078	-0.051	0.023	0.024
METSIM	8386	-0.0018	0.019	0.92
PPP	4766	-0.024	0.026	0.36
SDC	500	0.063	0.078	0.42
SDR/ANDIS	2636	-0.015	0.035	0.67
VejleCases	2006	-0.036	0.039	0.36
VejleCtrl	431	-0.060	0.088	0.49
CCHS	8070	-0.016	0.018	0.37
CGPS	11783	-0.0074	0.015	0.62
CIHDS	1434	-0.051	0.044	0.25
EPIC-CVD	15674	-0.0039	0.013	0.76
EPIC-InterAct	1078	-0.029	0.055	0.60
MORGAM	5757	-0.047	0.022	0.036
PROSPER	1275	-0.0012	0.048	0.98
WOSCOPS	1337	-0.026	0.048	0.59
BRAVE	5250	-0.017	0.023	0.45
PROMIS	20677	-0.016	0.011	0.15
Summary	185846	-0.020	0.0040	6.664e-07



Study Name	N	Beta	SE	P-value
AIRWAVE	1902	0.073	0.22	0.74
ASCOT_SC	2461	-0.012	0.18	0.95
ASCOT_UK	3245	0.14	0.15	0.33
1958BC	5864	0.19	0.11	0.090
BRIGHT CASES	1105	0.54	0.23	0.020
CROATIA-Korcula	827	0.037	0.26	0.89
DIABNORD (GLACIER)	912	0.24	0.18	0.17
EGOUT	1785	0.30	0.18	0.088
FINLAND controls	1170	0.39	0.22	0.079
GS-SFHS	9822	0.057	0.10	0.57
GLACIER controls	922	0.21	0.23	0.35
GODARTS_diabetics	2657	0.013	0.17	0.94
GODARTS_non diabetics	2061	0.33	0.20	0.10
GRAPHIC	1899	0.12	0.17	0.50
HELICMANOLIS	961	-0.19	0.42	0.66
HUNT	4735	0.22	0.095	0.023
LBC1921	359	0.96	0.42	0.022
LBC1936	783	0.40	0.30	0.18
LIFELINES	1948	0.17	0.19	0.37
MDC	8303	0.14	0.073	0.066
NFBC1986	1887	0.16	0.19	0.41
OB	4440	-0.026	0.14	0.86
PIVUS/ULSAM	1998	0.34	0.20	0.082
TwinsUK	1014	0.18	0.26	0.48
ADDITION	2310	-0.16	0.16	0.32
DR's EXTRA	739	-0.27	0.45	0.55
FIN-D2D 2007	2570	-0.18	0.19	0.34
FINRISK 2007	1088	0.10	0.35	0.78
FUSION	4237	-0.11	0.17	0.50
Health 2006/2008	3709	-0.091	0.14	0.51
Inter99	6080	0.15	0.096	0.13
METSIM	8388	-0.31	0.17	0.073
PPP	4766	0.085	0.11	0.45
SDC	500	0.12	0.38	0.75
SDR/ANDIS	2636	-0.016	0.15	0.91
VejleCases	2000	0.14	0.18	0.43
VejleCtrl	430	0.26	0.36	0.46
CCHS	8070	0.016	0.069	0.82
CGPS	11784	0.11	0.058	0.050
CIHDS	1436	-0.10	0.18	0.56
EPIC-CVD	15676	0.10	0.054	0.062
MORGAM	5757	0.17	0.10	0.11
PROSPER	1275	0.20	0.24	0.41
WOSCOPS	1337	-0.16	0.22	0.46
BRAVE	5250	-0.19	0.35	0.59
PROMIS	20687	-0.097	0.24	0.68
Summary	173785	0.095	0.020	1.963e-06

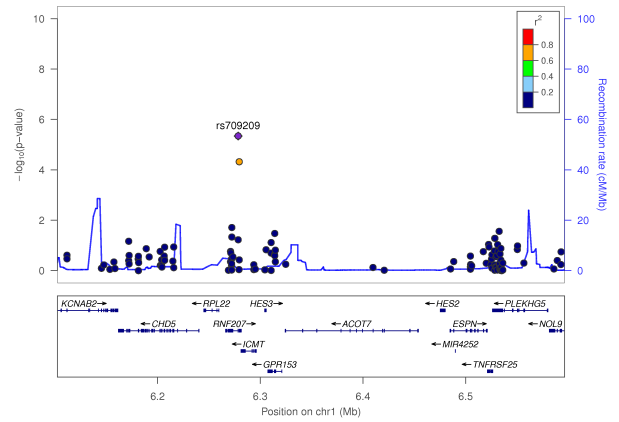
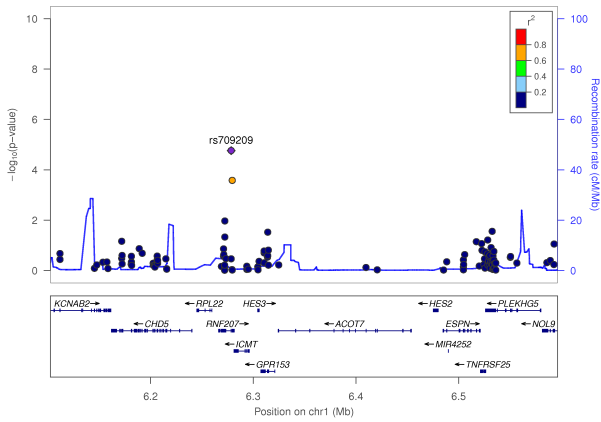


**Supplementary Figure 4. Locus zoom plots for 30 novel blood pressure variants.**

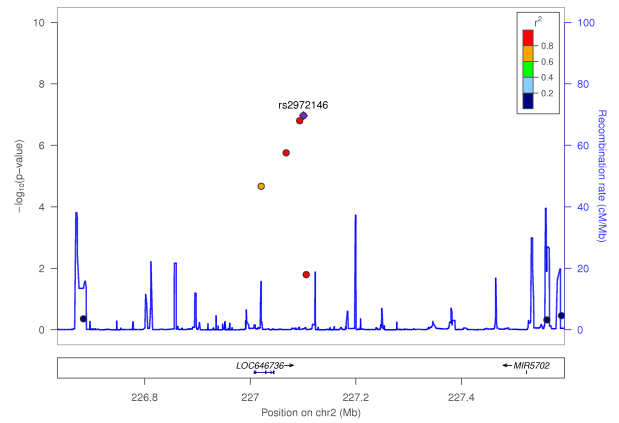
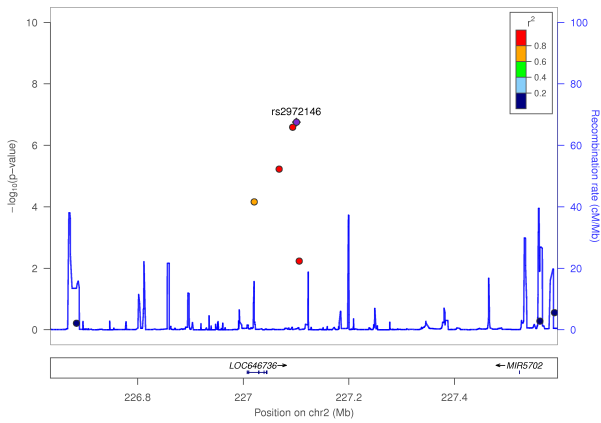
For each novel variant, the plot on the left indicates the discovery association results with the transformed validated trait (see table 1) in European (EUR) samples. The plot on the right is the association results with the transformed validated trait in EUR-South Asian (SAS) samples. LD was calculated for both EUR and EUR\_SAS using CHD Exome+ EUR dataset. Each circle represents a SNV passing quality control in the discovery meta-analysis plotted with its P value (on a  $-\log_{10}$  scale) on the y-axis and genomic position (NCBI Build 37) on the x-axis. The lead SNV (novel BP variant) is represented by the purple symbol. The color-coding of all other SNVs is indicated by linkage disequilibrium (LD) with the lead SNV.



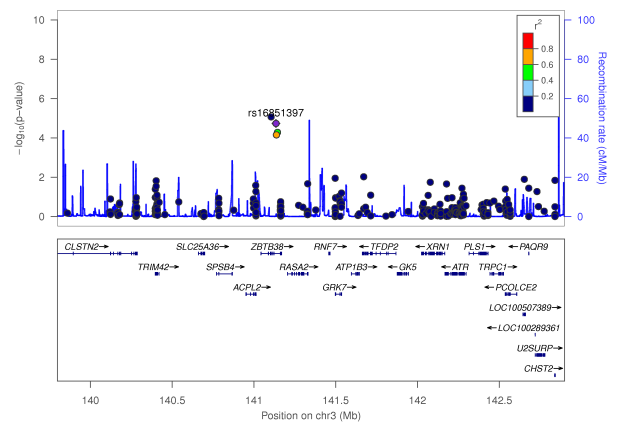
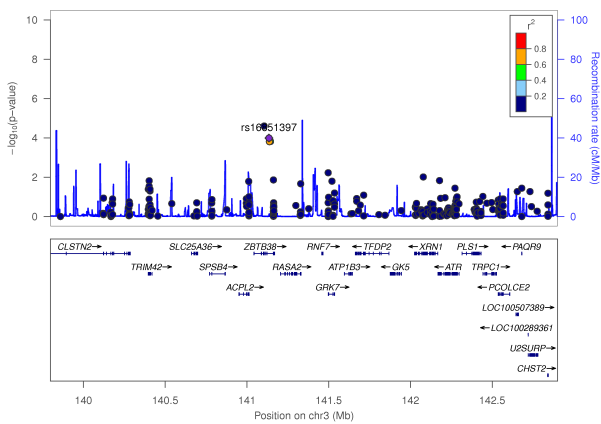
rs709209 (*RNF207*) association with PP



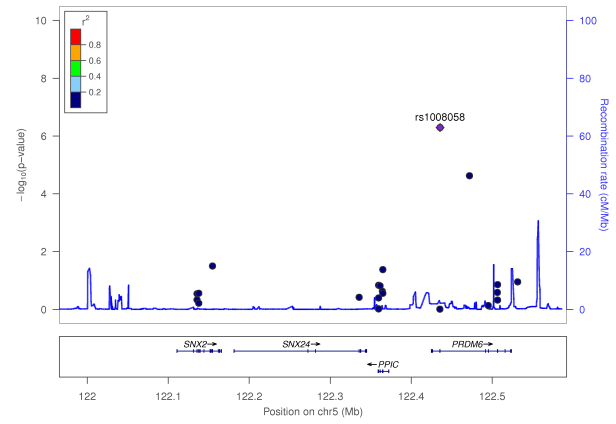
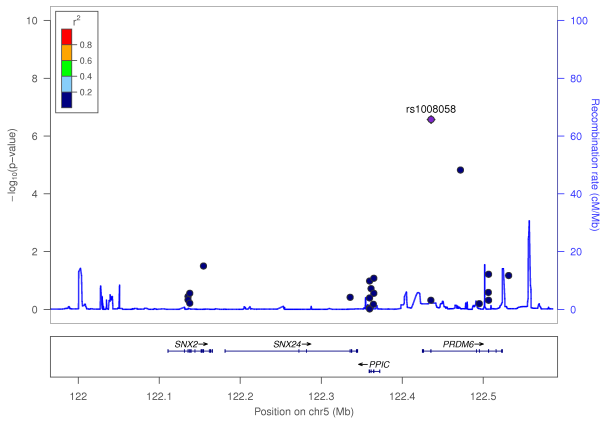
rs2972146 (2q36.3) association with DBP



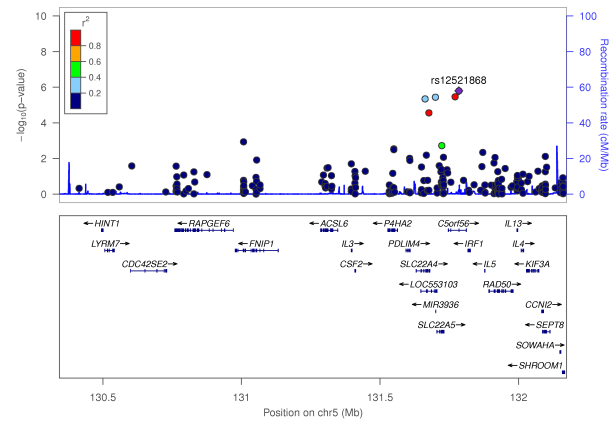
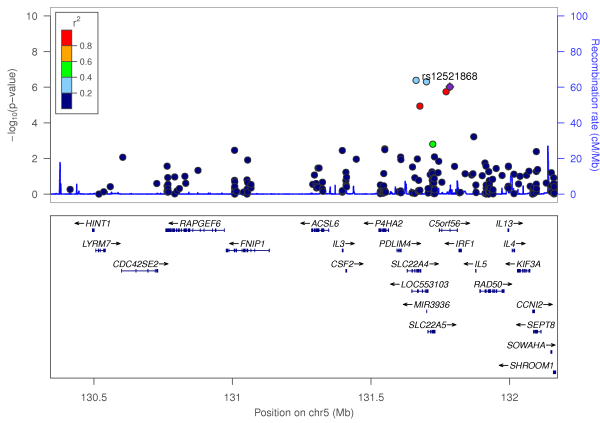
rs16851397 (*ZBTB38*) association with DBP



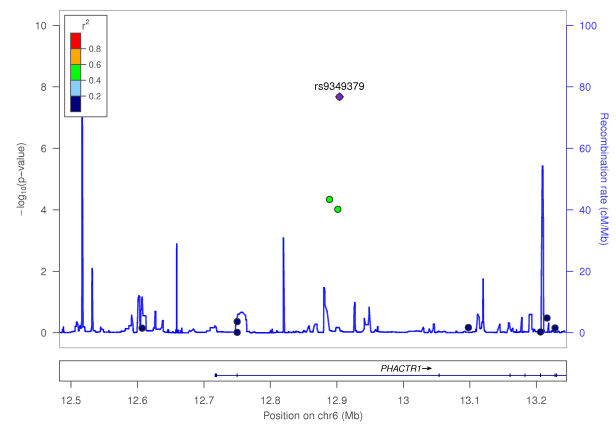
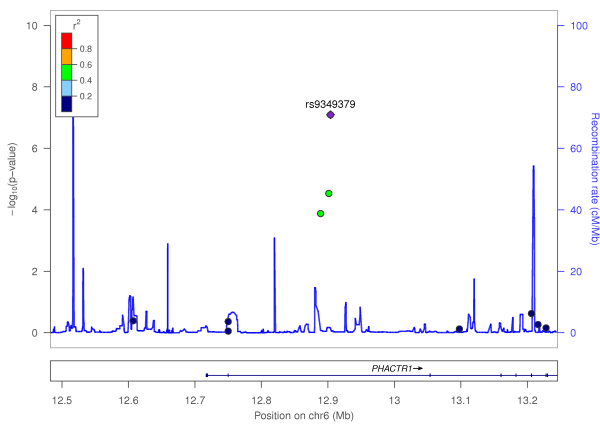
rs1008058 (*PRDM6*) association with SBP



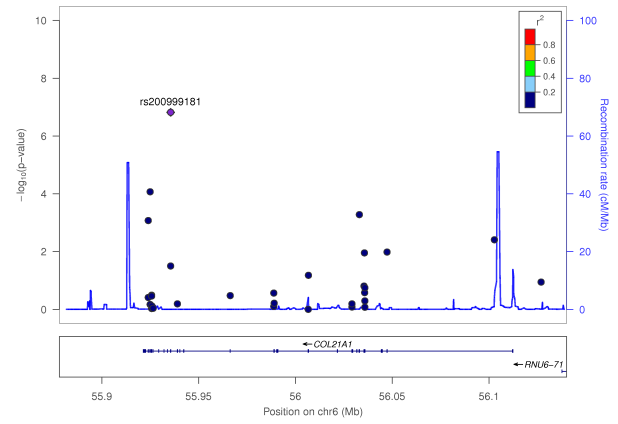
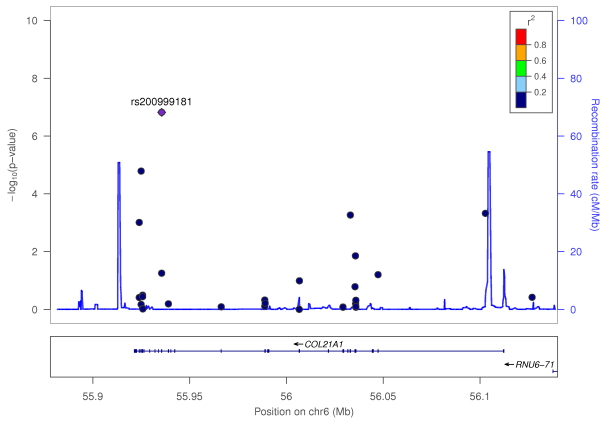
rs12521868 (*c5orf56*) association with DBP



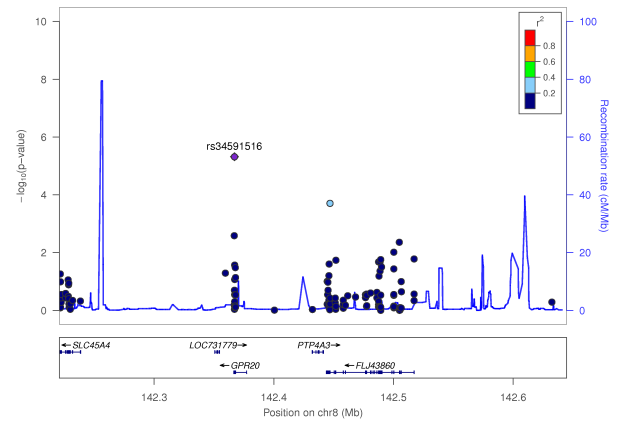
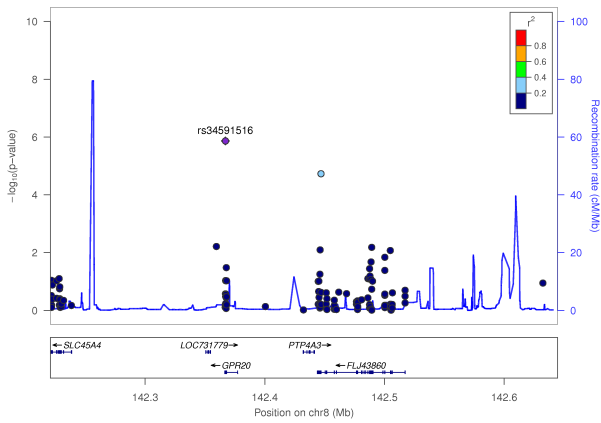
rs9349379 (*PHACTR1*) association with SBP



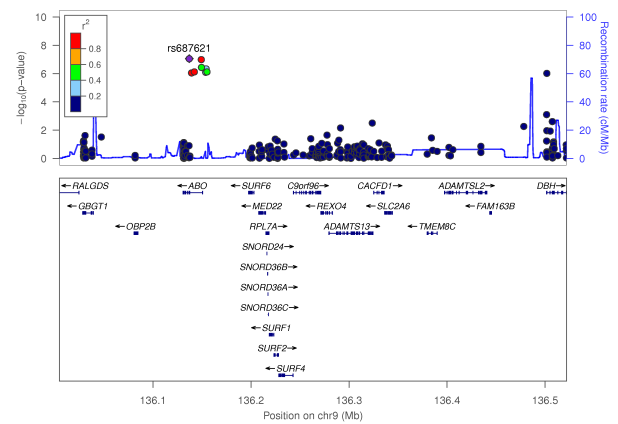
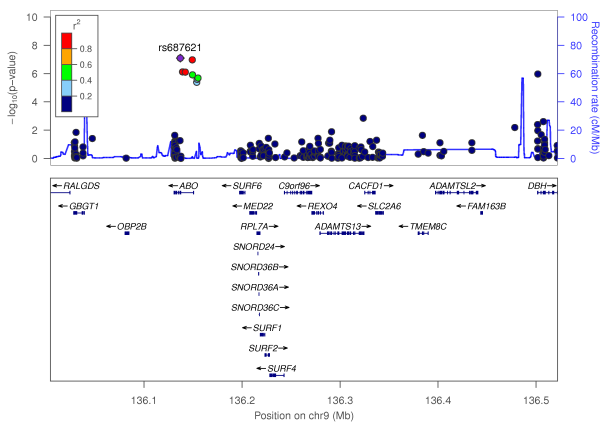
rs200999181 (*COL21A1*) association with PP



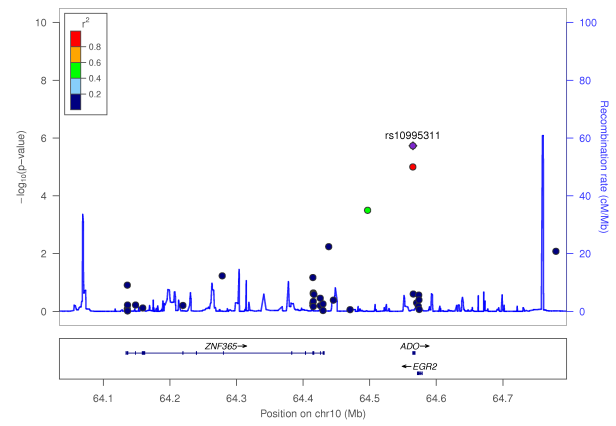
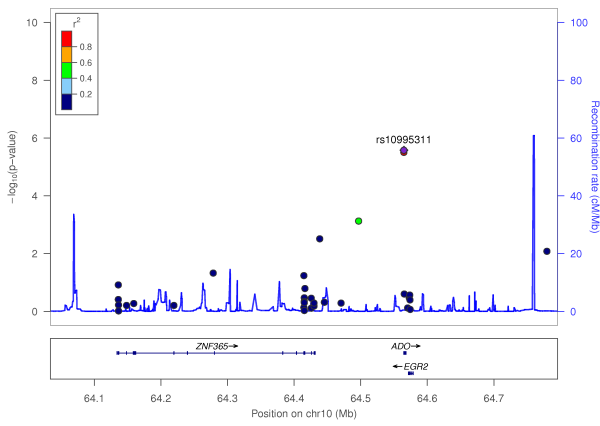
rs34591516 (*GPR20*) association with SBP



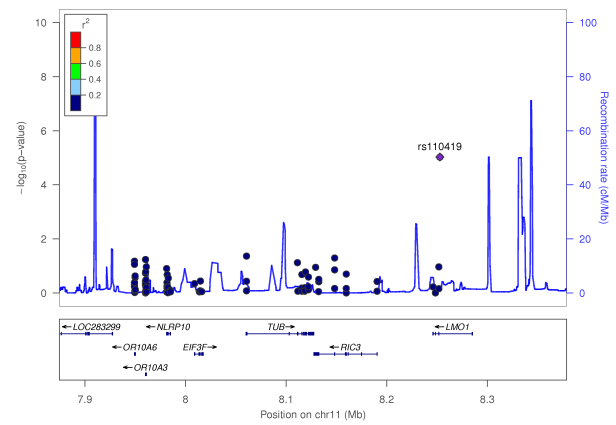
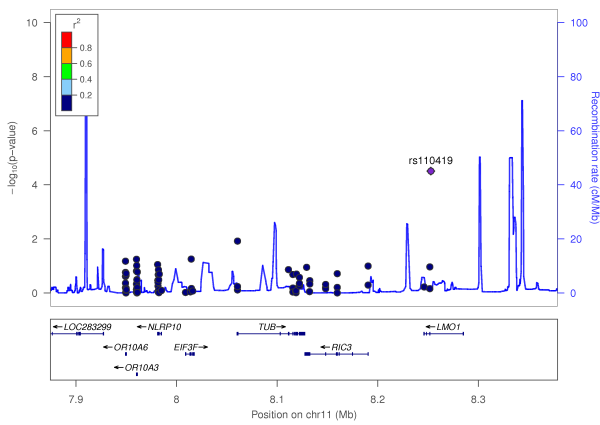
rs687621 (*ABO*) association with DBP



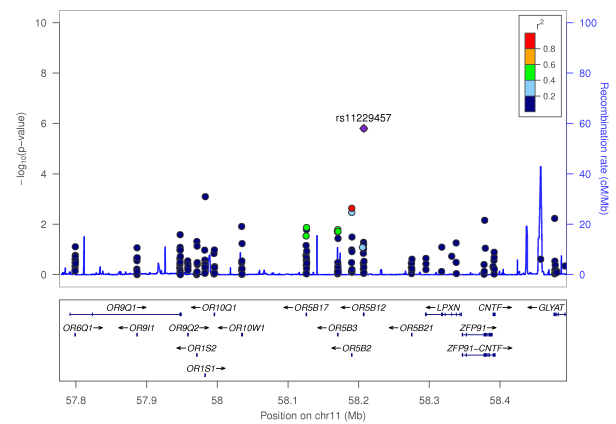
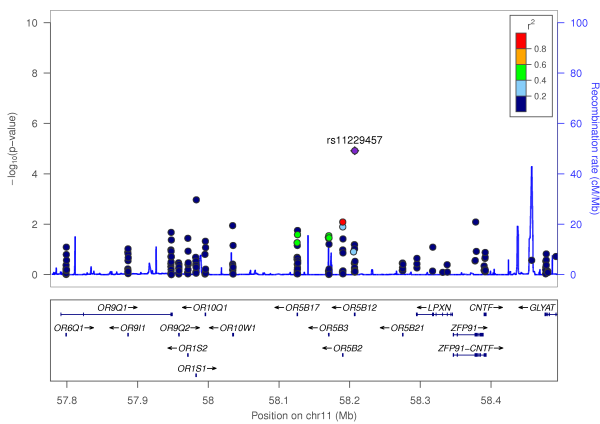
rs10995311 (*ADO*) association with DBP



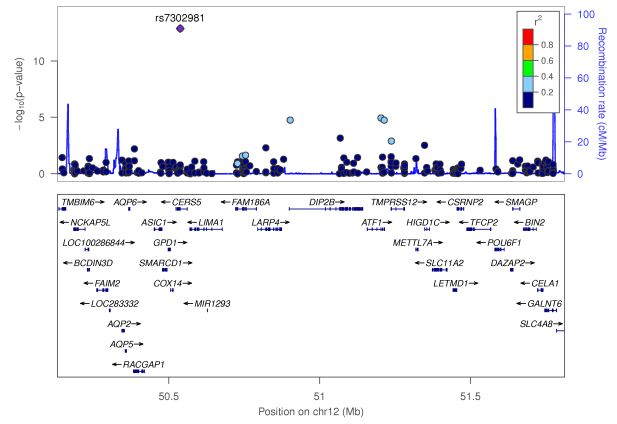
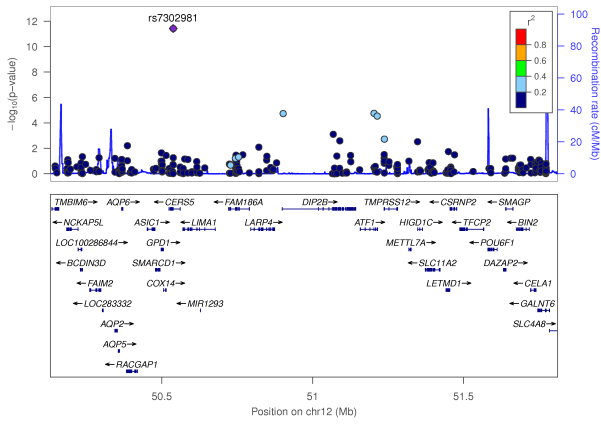
rs110419 (*LMO1*) association with DBP



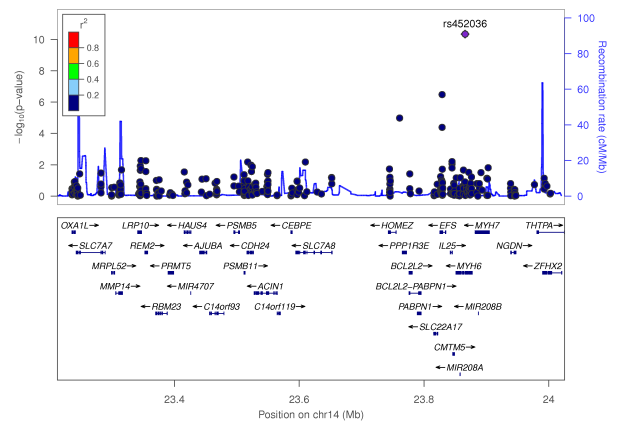
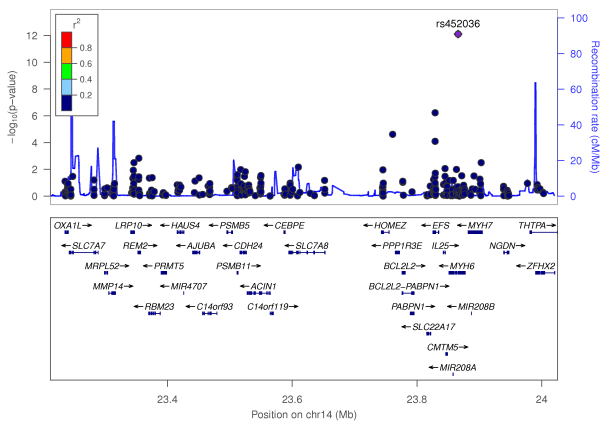
rs11229457 (*OR5B12*) association with SBP



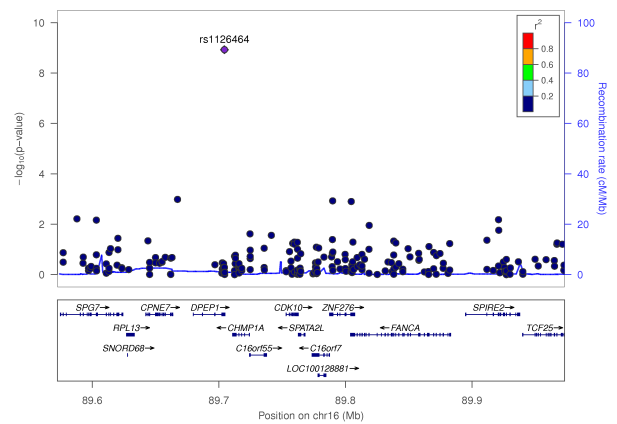
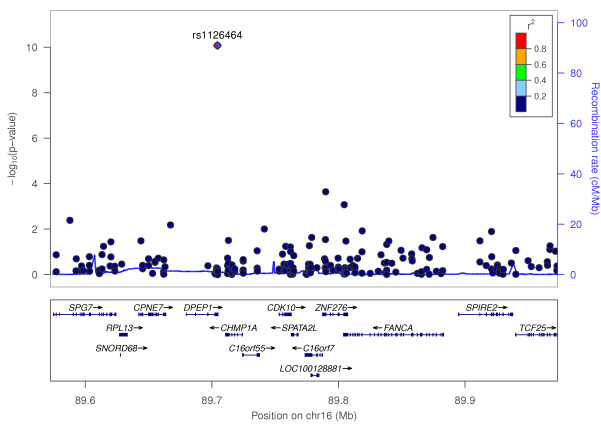
rs7302981 (*CERS5*) association with DBP



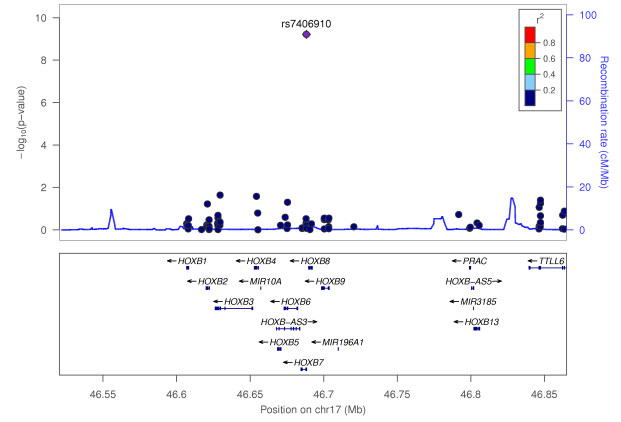
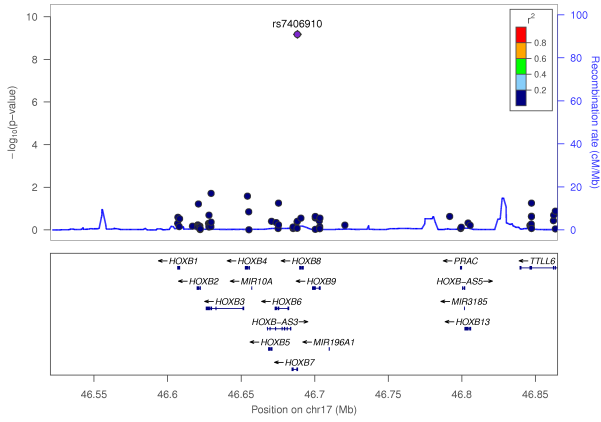
rs452036 (*MYH6*) association with PP



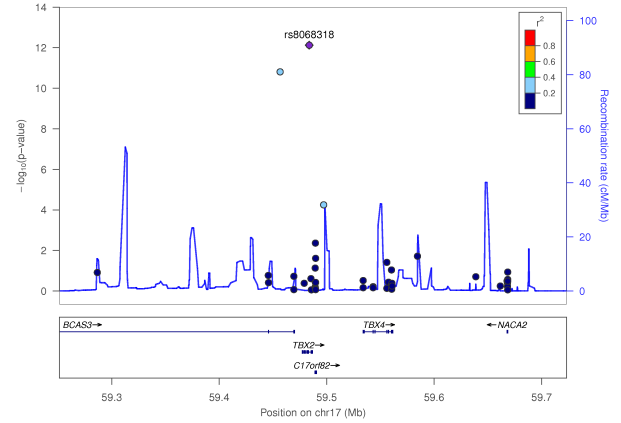
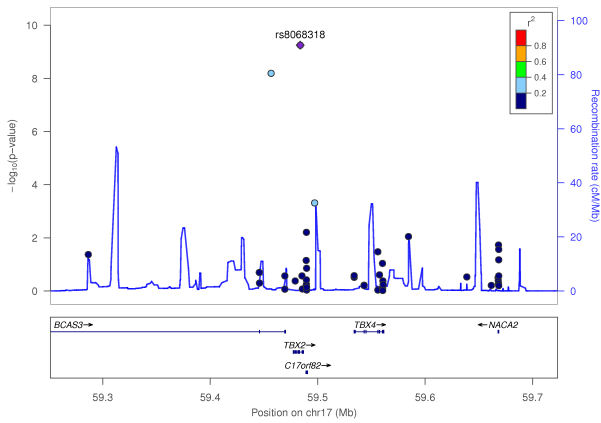
rs1126464 (*DPEP1*) association with DBP



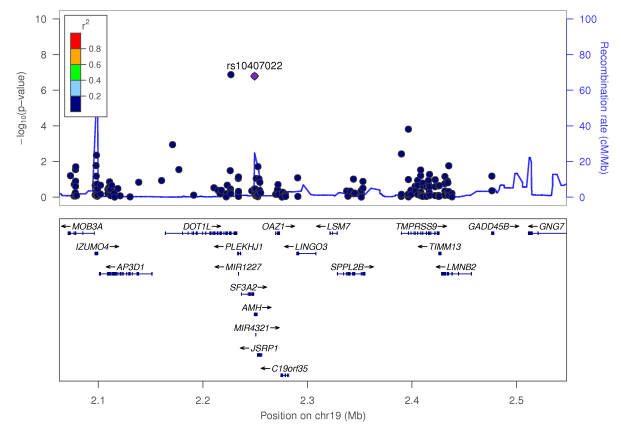
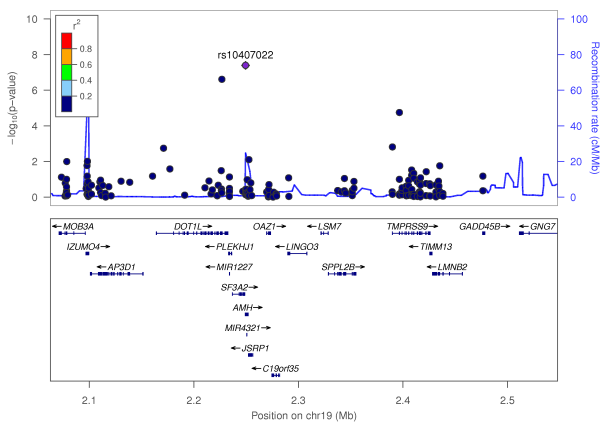
rs7406910 (*HOXB7*) association with SBP



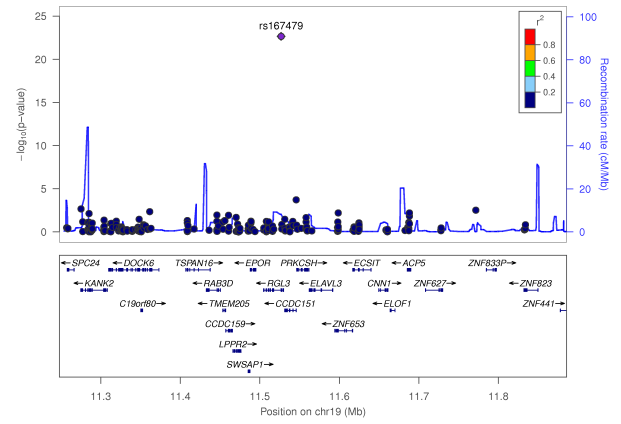
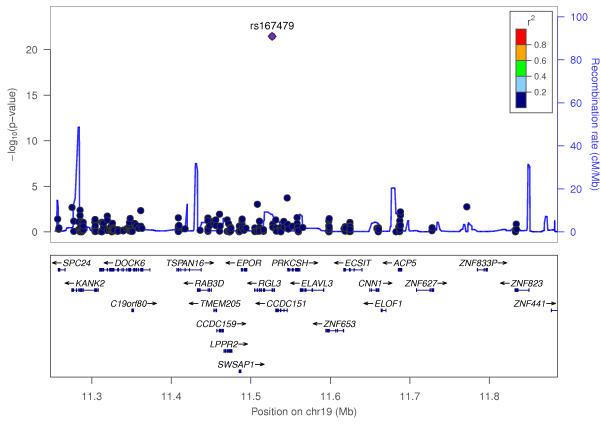
rs8068318 (*TBX2*) association with DBP



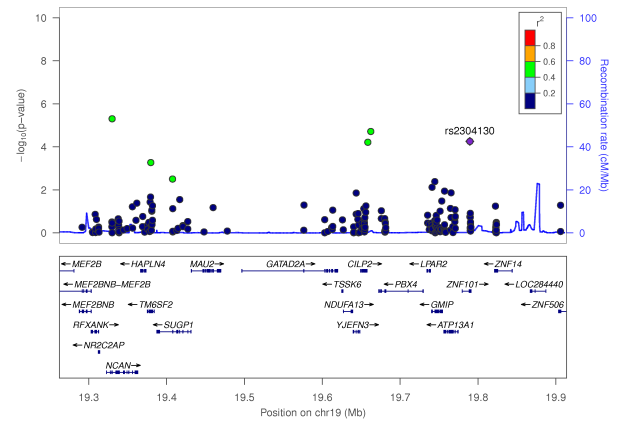
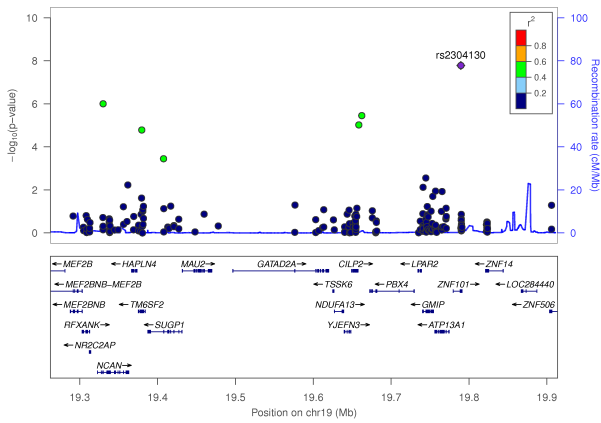
rs10407022 (*AMH*) association with PP



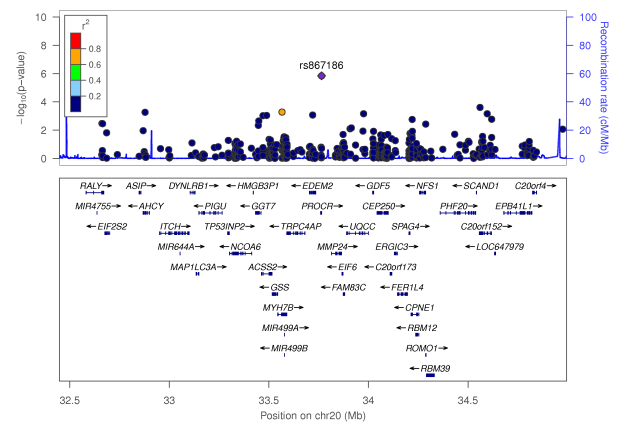
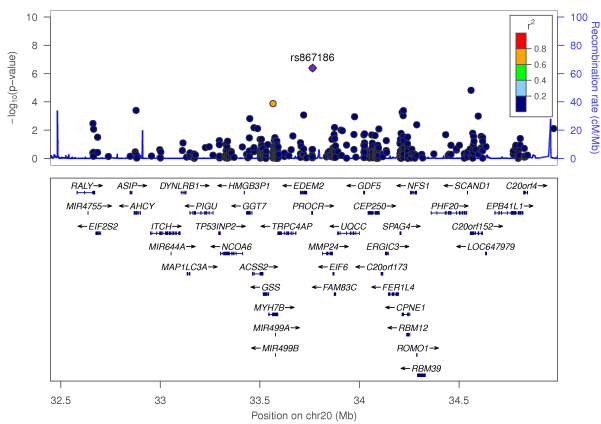
rs167479 (*RGL3*) association with DBP



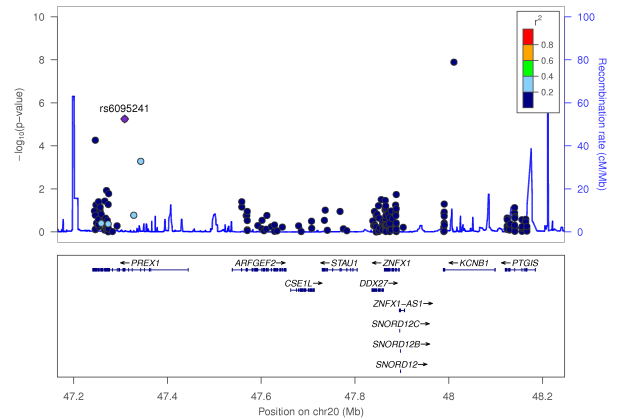
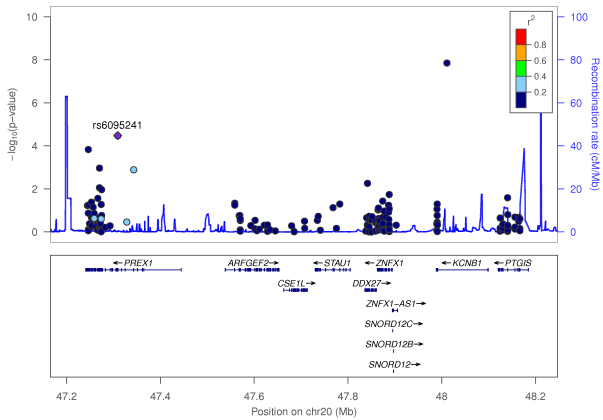
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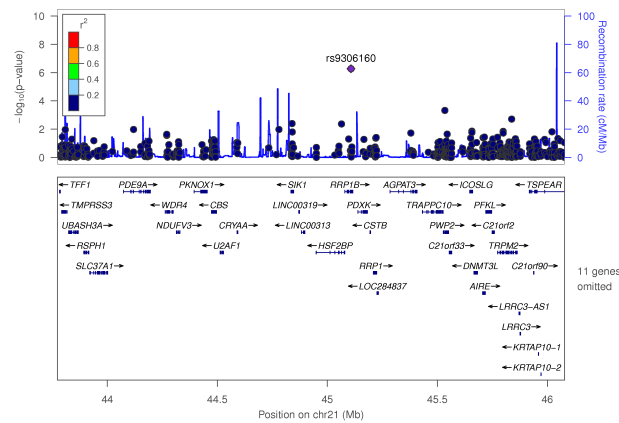
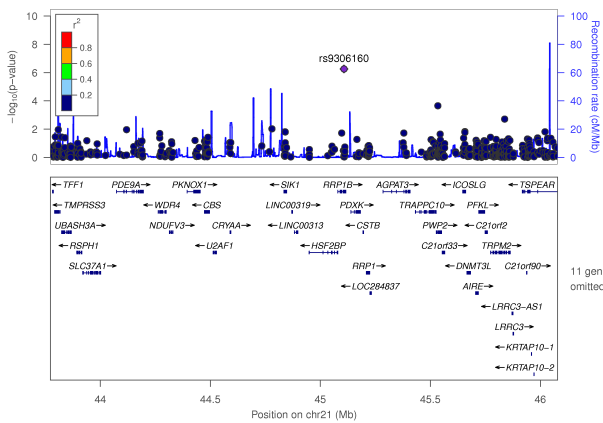
rs867186 (*PROCR*) association with DBP



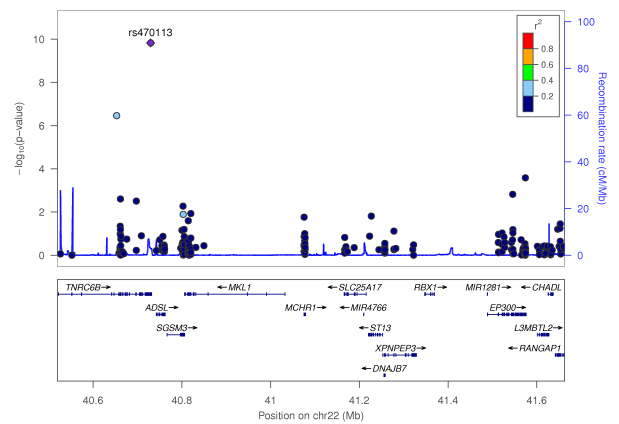
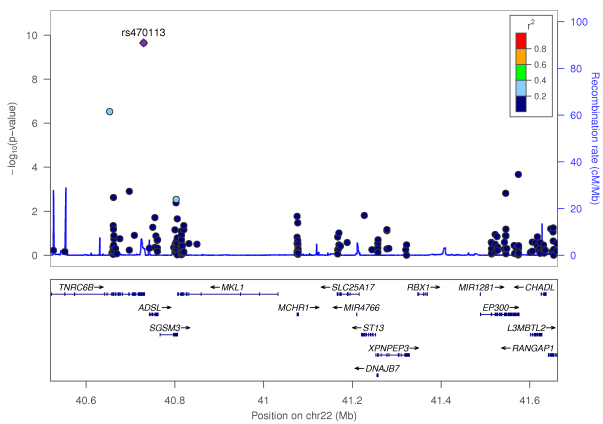
rs6095241 (*PREX1*) association with DBP



rs9306160 (*RRP1B*) association with DBP

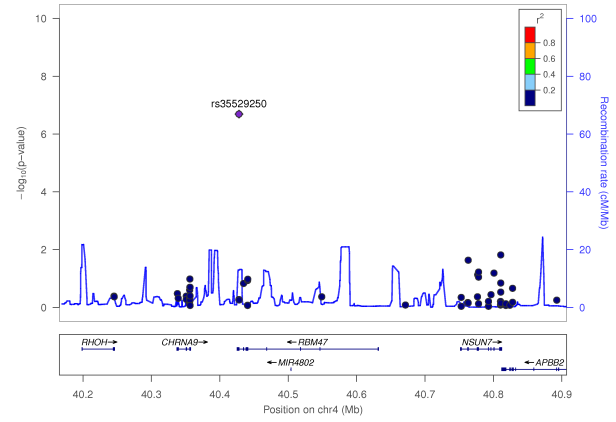
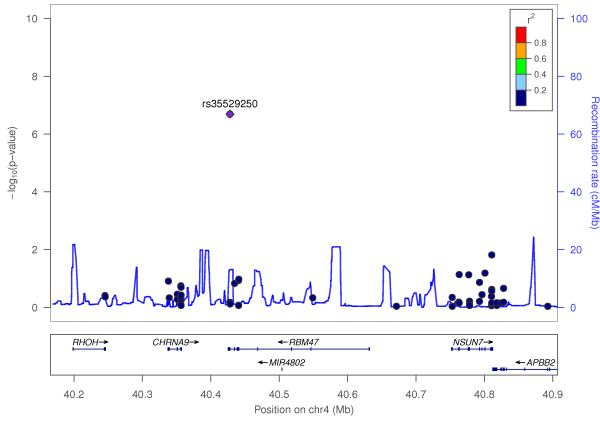


rs470113 (*TNRC6B*) association with PP

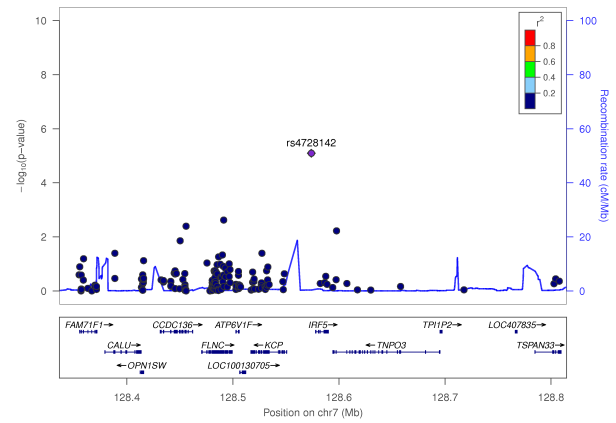
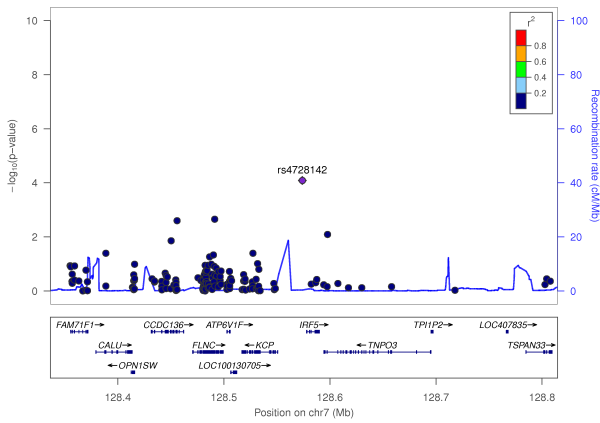




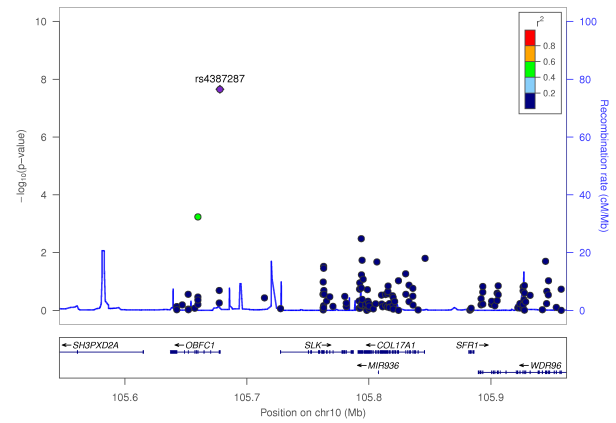
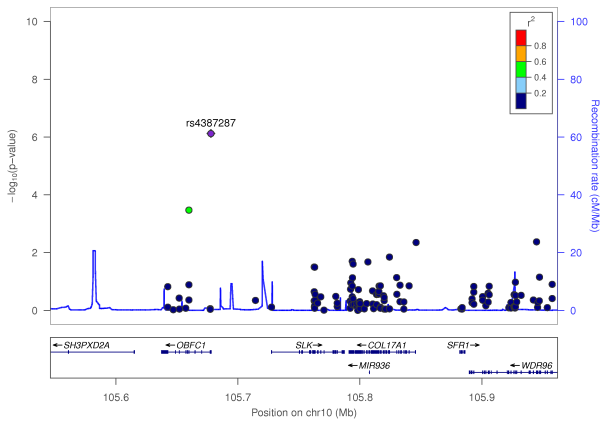
rs35529250 (*RBM47*) association with SBP



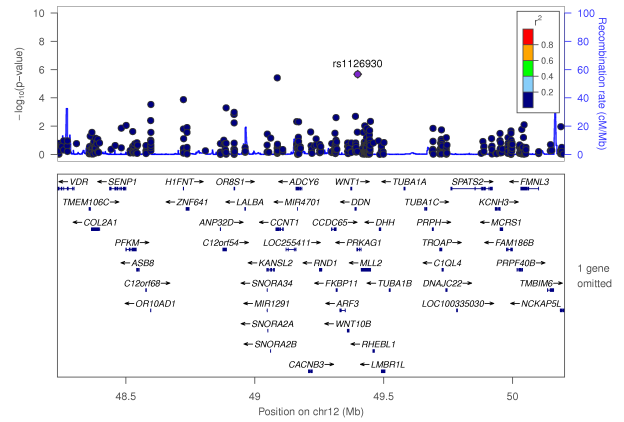
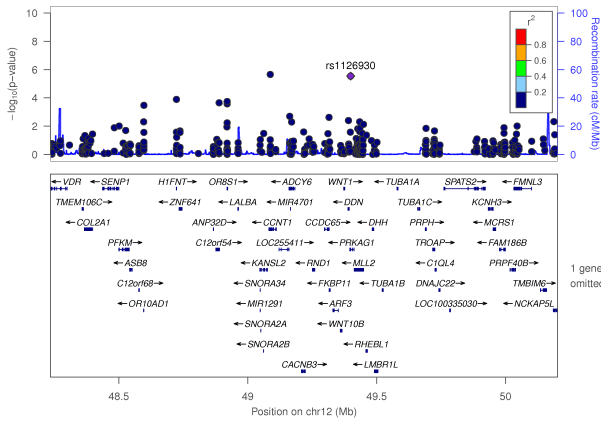
rs4728142 (7q32.1) association with SBP



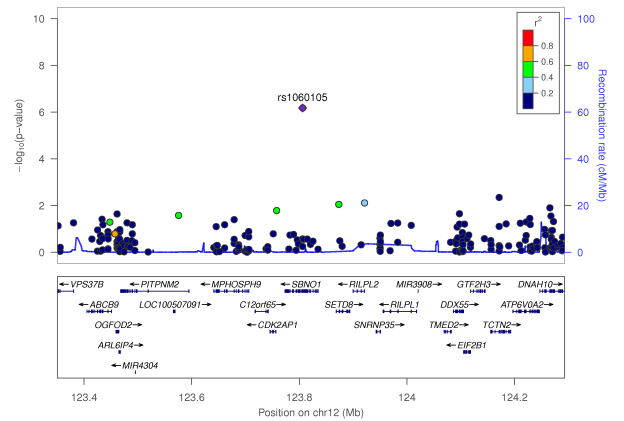
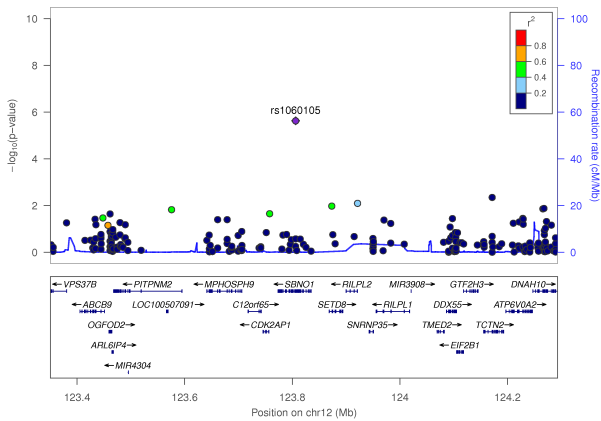
rs4387287 (*OBFC1*) association with SBP



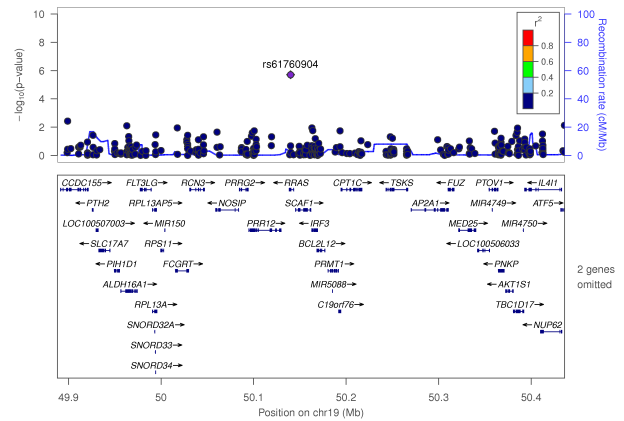
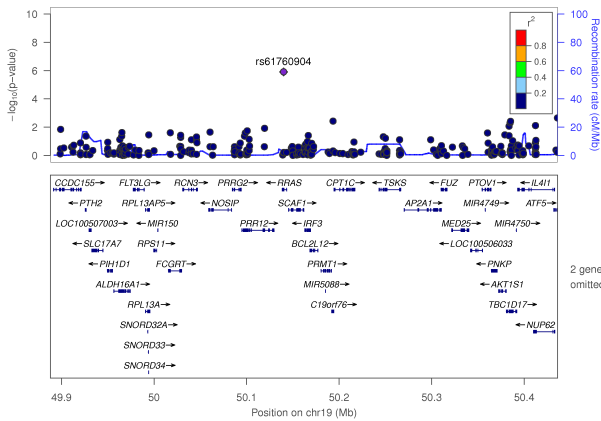
rs1126930 (*PRKAG1*) association with PP



rs1060105 (*SBNO1*) association with DBP



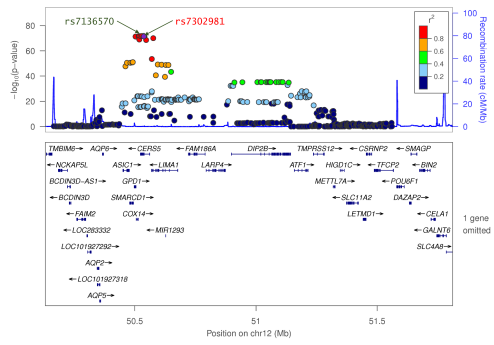
rs61760904 (*RRAS*) association with SBP



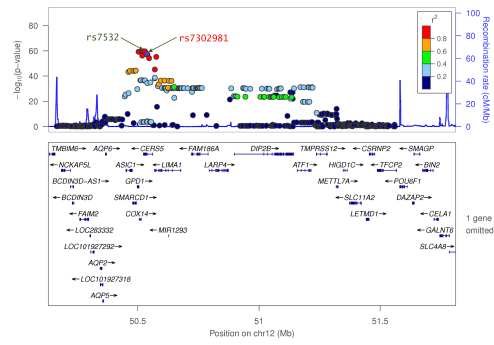
**Supplementary Figure 5. eQTL locus zoom plots.**

Regional association plots for the four novel BP loci that showed significant eQTL associations. The title shows the novel blood pressure associated variant and locus name. The novel BP associated variant is labelled in red and the most significant eQTL is labelled in green. Each circle represents the association of an eQTL with gene expression in either the MuTHER or GTeX data-set. LD ( $r^2$ ) that is shown on the plots was calculated using EUR 1000 Genomes hg19 March 2012 release data and colour coding indicates the LD between each variant and the BP variant (RefVariant) shown in purple. The figure caption shows the eQTL database in which look up was performed and the tissue. P-value (on a  $-\log_{10}$  scale) for association of variants with gene expression is shown on the axis and genomic position (NCBI Build 37) is shown on the x-axis.

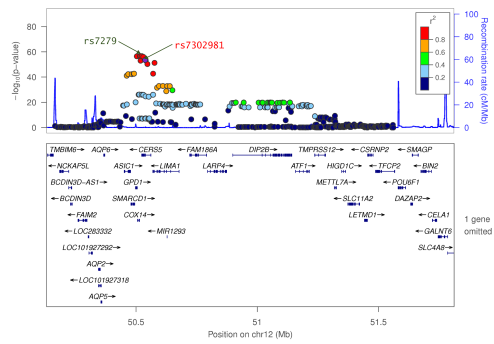
# rs7302981 (*CERS5*)



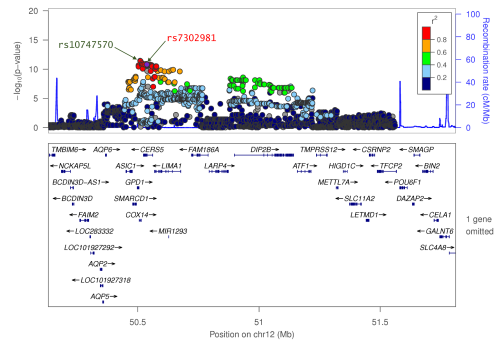
MuTHER - LCL



MuTHER - Skin

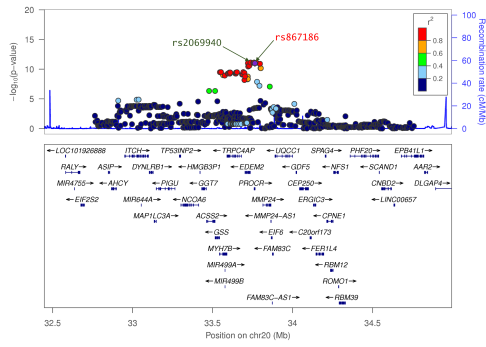


MuTHER - Adipose

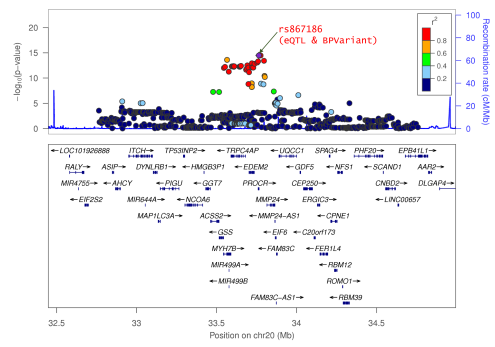


GTEx - Nerve (Tibial)

rs867186 (*PROCR*)

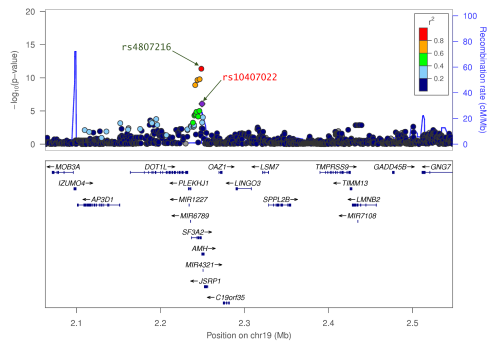


MuTHER - Skin

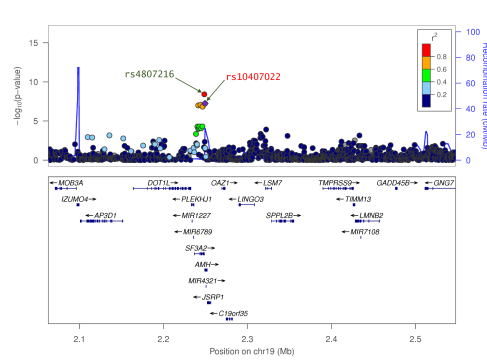


MuTHER - Adipose

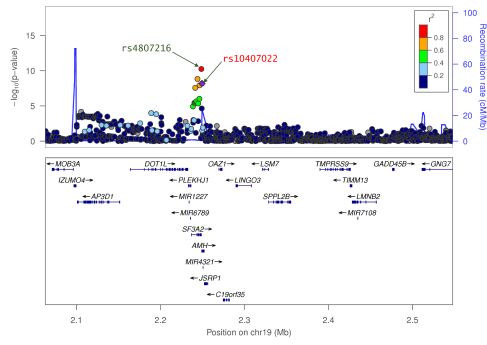
# rs10407022 (AMH)



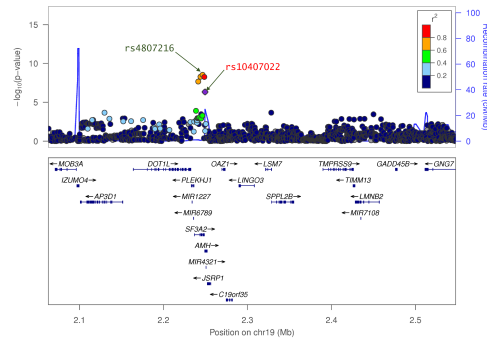
GTEX - Thyroid



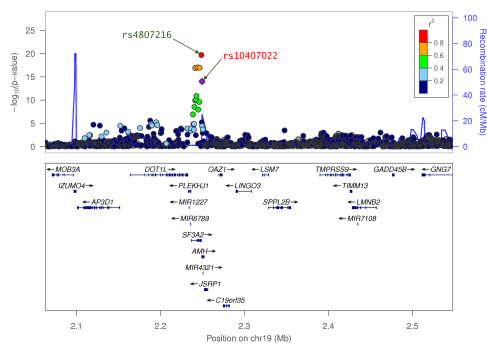
8: GTEX - Skin (Sun Exposed)



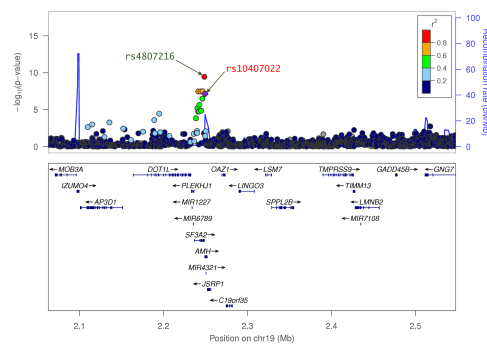
GTEX - Artery (Tibial)



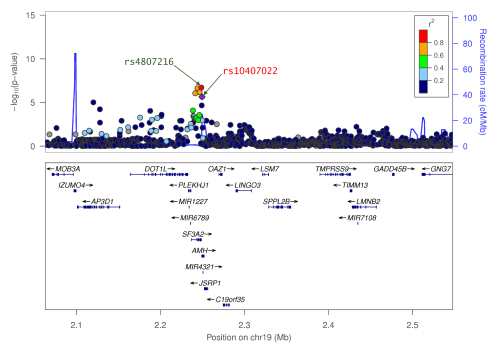
GTEX - Adipose (Subcutaneous)



GTEX - Muscle (Skeletal)

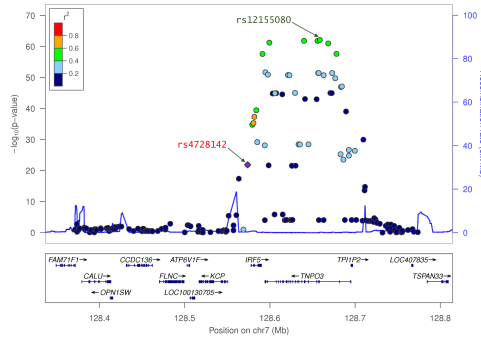


GTEX - Nerve (Tibial)

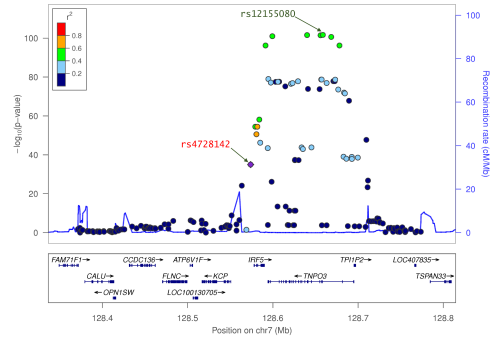


GTE<sub>x</sub> - Lung

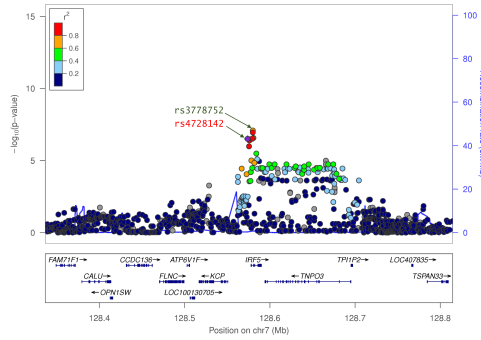
rs4728142 (*IRF5*)



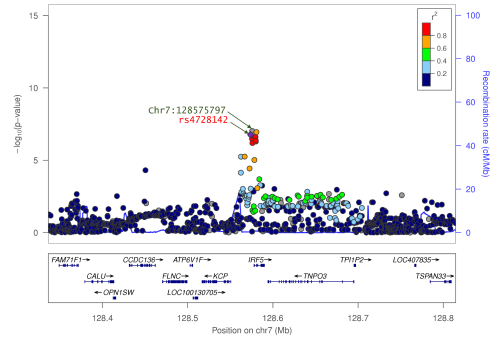
MuTHER - Skin



MuTHER - LCL



GTEx - Blood

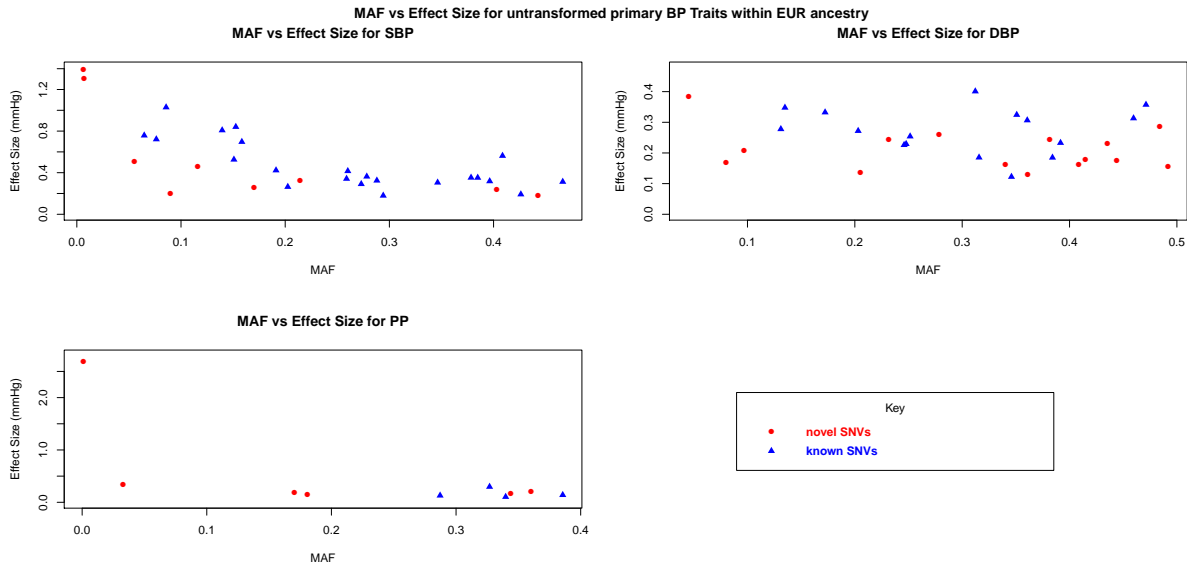


GTEx - Artery (Tibial)



### Supplementary Figure 6. MAF vs Effect Size.

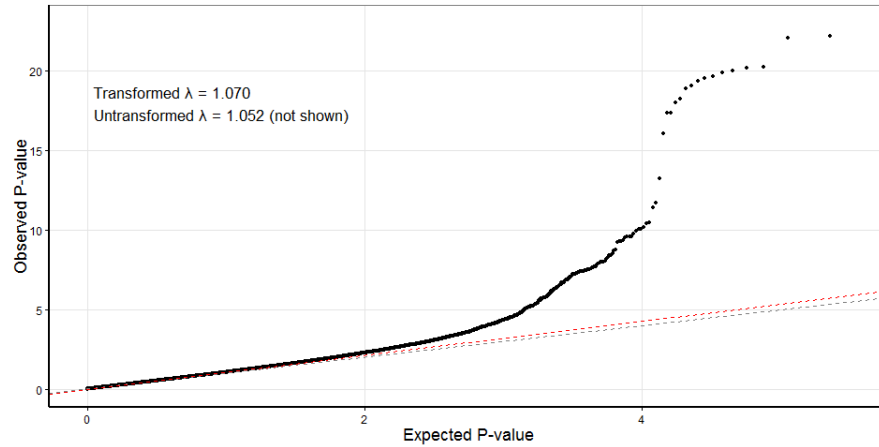
For each of the three quantitative traits SBP, DBP and PP, the relationship of Minor Allele Frequency (MAF) (x-axis) vs Effect Size (mmHg per unit allele) (y-axis) is plotted for the 43 known (blue triangles) and 30 novel (red circles) SNVs according to results from untransformed analyses within EUR ancestry. For known SNVs effect estimates are from the discovery analyses and for novel SNVs effect estimates are from the independent replication analyses.



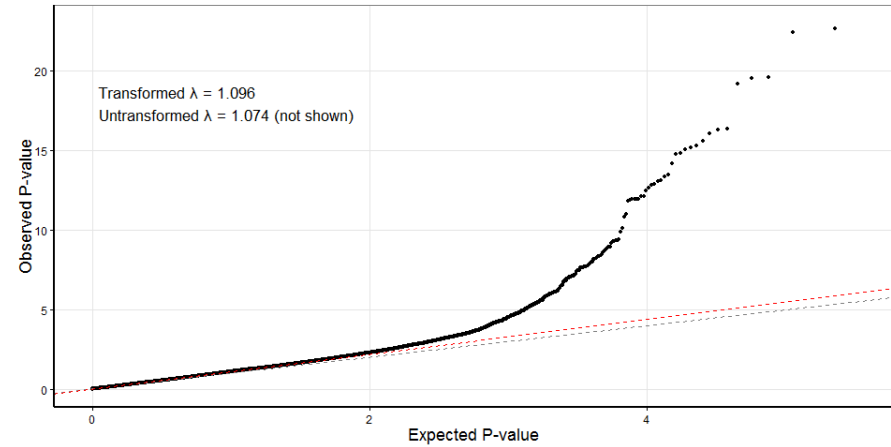
**Supplementary Figure 7. Quantile-quantile plots for the discovery meta-analyses of transformed SBP, DBP, PP and HTN.**

QQ plots showing the quantiles of the observed  $-\log_{10}(\text{P-value})$  distribution in the discovery meta-analyses (y-axis) against the expected  $-\log_{10}(\text{P-values})$  from the quantiles of the normal distribution. The black dashed line represents  $\lambda = 1$ , i.e. no inflation. The red dashed line indicates  $y = \lambda x$  and represents the inflation in the test statistics for the plotted data. For SBP, DBP and PP, the inflation factor,  $\lambda$ , is also reported for the untransformed results, which are not plotted.

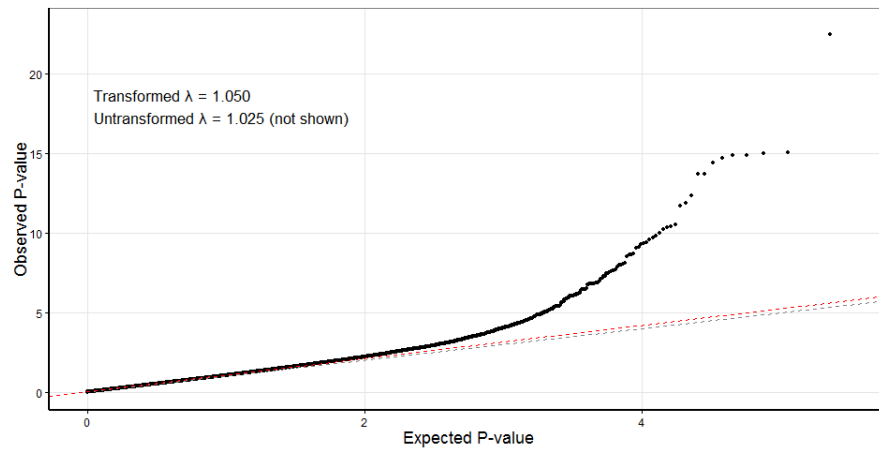
SBP (transformed) in EUR-SAS discovery



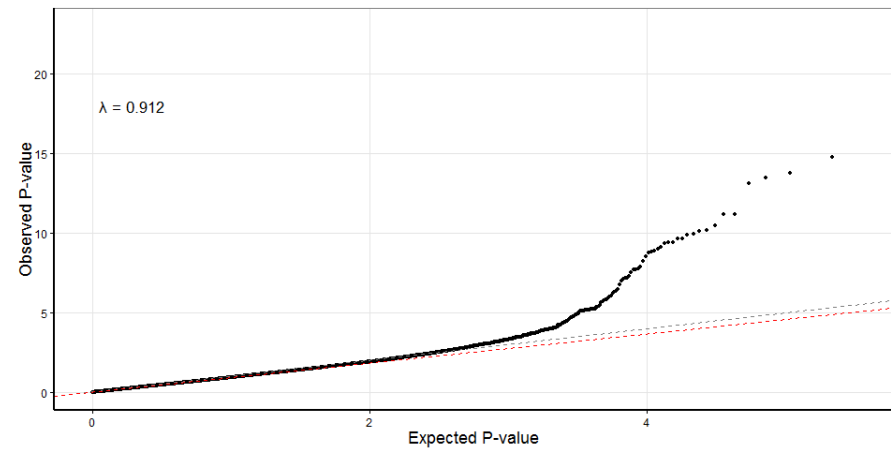
DBP (transformed) in EUR-SAS discovery



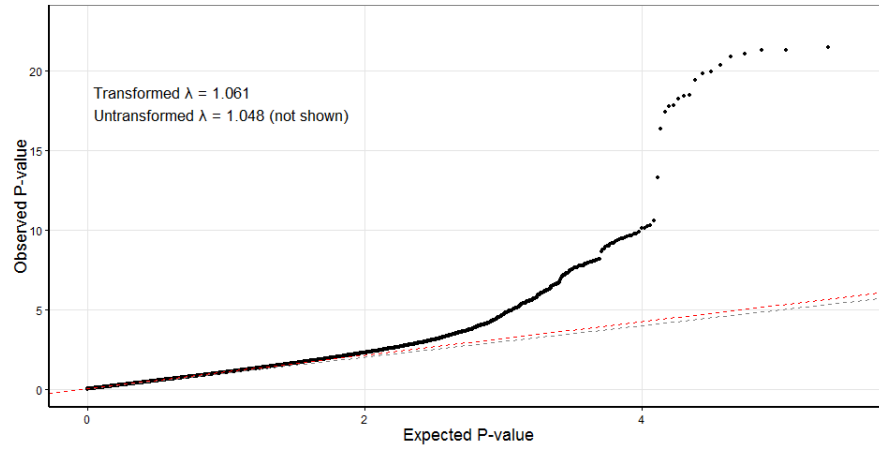
PP (transformed) in EUR-SAS discovery



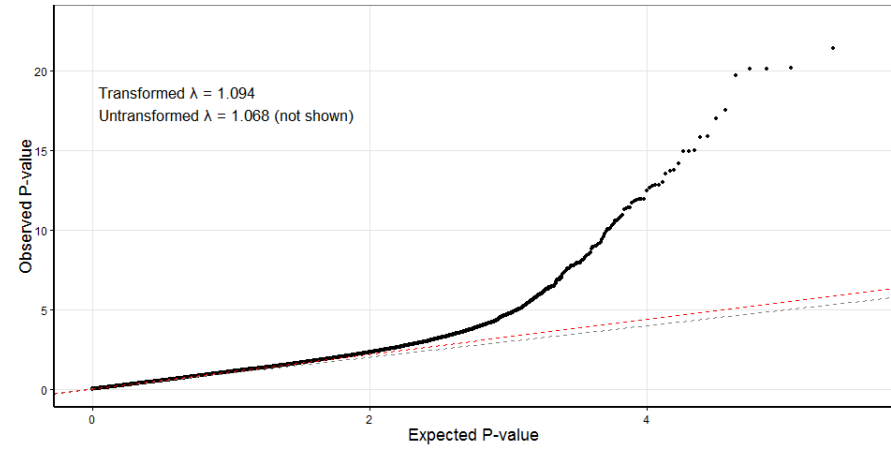
Hypertension in EUR-SAS discovery



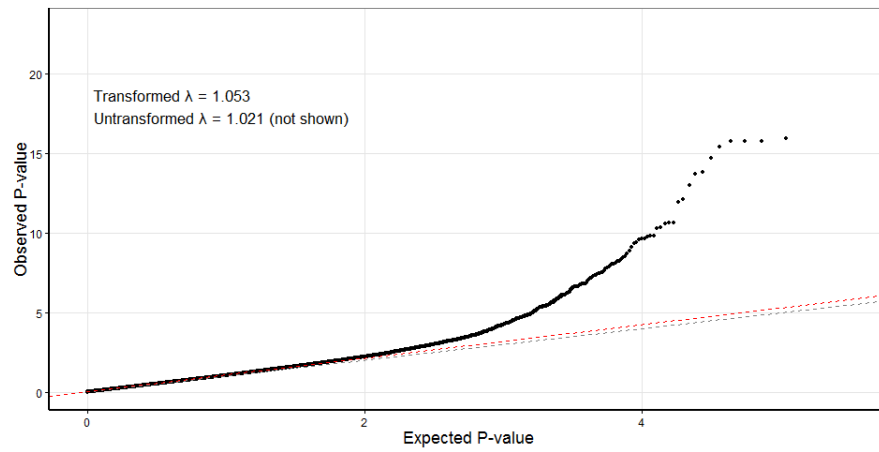
SBP (transformed) in EUR discovery



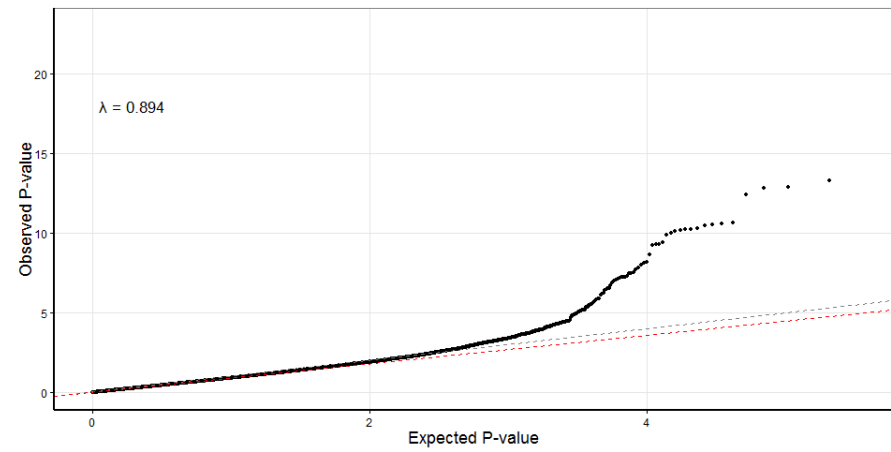
DBP (transformed) in EUR discovery



PP (transformed) in EUR discovery



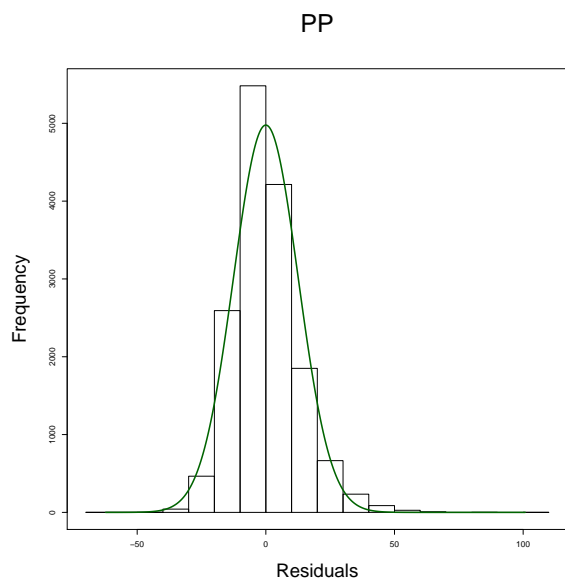
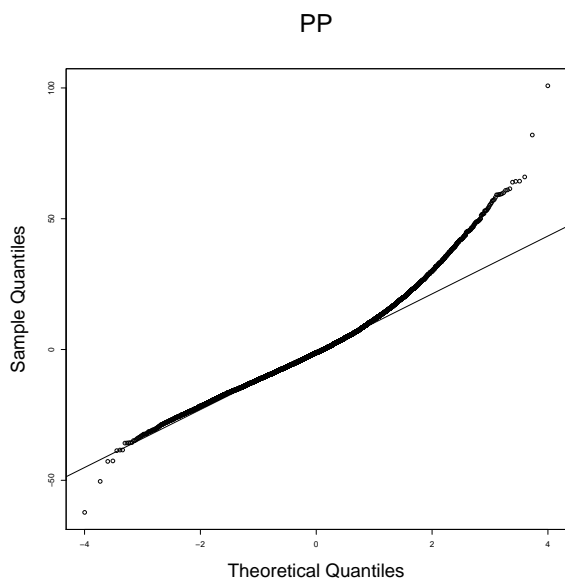
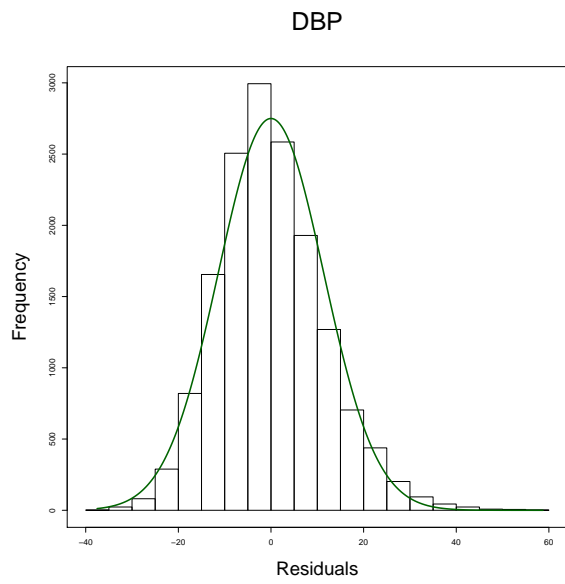
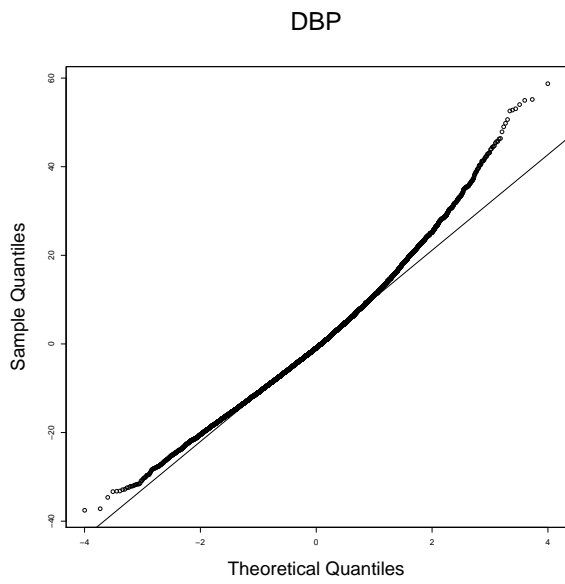
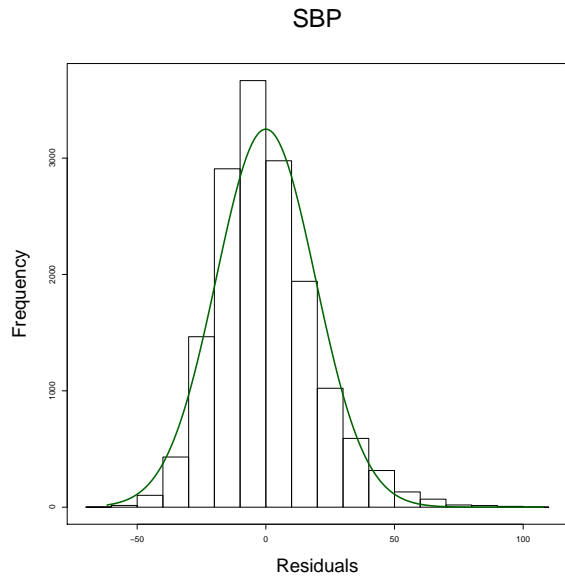
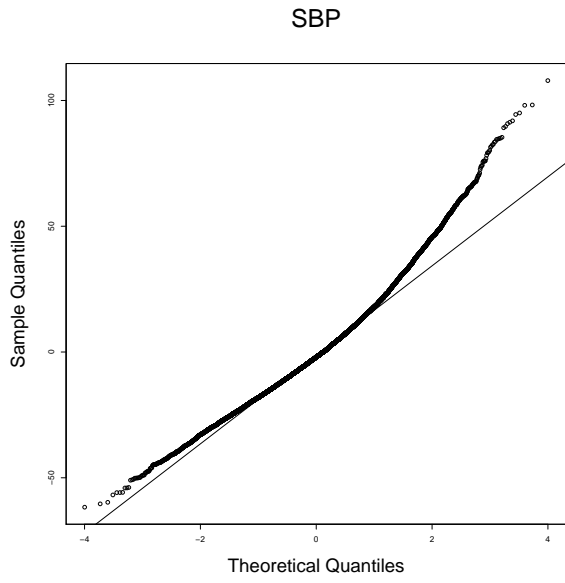
Hypertension in EUR discovery



**Supplementary Figure 8. Quantile-Quantile Plots and Histograms of SBP, DBP and PP distributions in studies from the discovery and replication data.**

Figure showing the distribution of SBP, DBP and PP in A) EPIC study from CHD Exome+ consortium and B) ARIC and FHS studies from CHARGE+ consortium.

8A. CHD Exome+ consortia. EPIC



**8B. CHARGE+ consortia. ARIC (top two rows) and FHS (bottom two rows)**

