S3 Table. Significant associations with risk of breast cancer subtypes (not previously reported for risk of overall breast cancer): full results from five MR approaches.

Luminal A-like

Protein	Number of SNPs	IVW OR (95% CI)	IVW P	IVW FDR-Adjusted P	Median OR (95% CI)	Median P	Egger OR (95% CI)	Egger P	MR PRESSO OR (95% CI)	MR PRESSO P	MRLocus clusters	MRLocus slope alpha (95% Int)
ABO	28	1.03 (1.02 - 1.04)	7.09E-08	2.25E-05	1.03 (1.01 - 1.04)	3.63E-05	1.01 (0.99 - 1.04)	0.242	1.03 (1.02 - 1.04)	1.07E-05	46	0.004 (0.002, 0.007)
ACPL2	7	0.95 (0.92 - 0.98)	0.001	0.036	0.96 (0.92 - 0.99)	0.021	0.98 (0.89 - 1.09)	0.75	0.95 (0.93 - 0.98)	0.009	29	-0.026 (-0.039,-0.013)
ADAMTS1	1	1.21 (1.07 - 1.36)	0.002	0.045	NA	NA	NA	NA	NA	NA	14	0.016 (-0.013, 0.045)
ADGRF1	10	0.97 (0.94 - 0.99)	0.002	0.043	0.97 (0.94 - 0.99)	0.02	0.98 (0.92 - 1.05)	0.62	0.97 (0.94 - 0.99)	0.012	26	-0.013 (-0.021,-0.005)
ANAPC7	18	1.01 (1.00 - 1.02)	0.054	0.38	1.01 (1.00 - 1.03)	0.081	1.02 (0.99 - 1.05)	0.111	1.01 (1.00 - 1.02)	0.05	35	0.016 (-0.002, 0.033)
ASIP	27	1.02 (1.00 - 1.03)	0.017	0.199	1.01 (0.99 - 1.03)	0.437	1.03 (1.00 - 1.06)	0.05	1.02 (1.00 - 1.03)	0.025	48	0.003 (-0.002, 0.009)
C1QTNF5	10	0.95 (0.91 - 0.99)	0.03	0.285	0.96 (0.92 - 1.01)	0.102	0.95 (0.79 - 1.14)	0.588	0.95 (0.91 - 0.99)	0.058	37	-0.012 (-0.028, 0.004)
CAMK1D	6	0.94 (0.91 - 0.98)	0.002	0.048	0.96 (0.92 - 1.00)	0.044	1.05 (0.91 - 1.21)	0.509	0.94 (0.91 - 0.98)	0.027	19	-0.040 (-0.073,-0.006)
CAST	8	1.07 (1.03 - 1.10)	2.88E-04	0.012	1.06 (1.02 - 1.11)	0.007	0.99 (0.89 - 1.10)	0.88	1.07 (1.04 - 1.09)	0.001	21	-0.010 (-0.040, 0.019)
CCL5	2	0.86 (0.80 - 0.92)	4.52E-05	0.003	NA	NA	NA	NA	NA	NA	26	-0.003 (-0.013, 0.008)
CD200	1	0.79 (0.71 - 0.87)	3.69E-06	3.93E-04	NA	NA	NA	NA	NA	NA	11	-0.131 (-0.222,-0.041)
CD209	22	1.02 (1.00 - 1.05)	0.014	0.171	1.03 (1.01 - 1.05)	0.001	1.02 (0.98 - 1.06)	0.277	1.02 (1.00 - 1.05)	0.022	38	0.014 (0.001, 0.027)
CD300C	6	1.01 (0.98 - 1.04)	0.456	0.928	1.01 (0.97 - 1.05)	0.626	0.92 (0.83 - 1.04)	0.177	1.01 (0.98 - 1.04)	0.482	35	-0.002 (-0.007, 0.003)
CLEC12A	21	1.00 (0.99 - 1.01)	0.35	0.822	1.00 (0.99 - 1.02)	0.476	1.00 (0.97 - 1.02)	0.684	1.00 (1.00 - 1.01)	0.32	36	0.000 (-0.002, 0.001)
CLK2	11	0.95 (0.93 - 0.97)	5.29E-05	0.004	0.96 (0.93 - 0.99)	0.018	0.99 (0.92 - 1.06)	0.732	0.95 (0.93 - 0.97)	0.001	30	-0.026 (-0.042,-0.009)
CST7	12	1.03 (1.01 - 1.05)	0.001	0.04	1.02 (1.00 - 1.04)	0.038	1.01 (0.98 - 1.06)	0.459	1.03 (1.01 - 1.05)	0.009	44	0.011 (0.001, 0.020)
CTSS	11	1.00 (0.98 - 1.02)	0.771	0.952	1.00 (0.97 - 1.03)	0.997	1.01 (0.97 - 1.05)	0.655	1.00 (0.98 - 1.01)	0.735	37	-0.002 (-0.006, 0.002)
CXCL1	6	1.01 (0.99 - 1.03)	0.468	0.935	1.01 (0.99 - 1.03)	0.52	0.99 (0.94 - 1.05)	0.729	1.01 (0.99 - 1.03)	0.501	27	0.004 (-0.003, 0.010)
DPP7	6	0.99 (0.96 - 1.03)	0.71	0.947	1.00 (0.96 - 1.04)	0.844	1.01 (0.90 - 1.14)	0.854	0.99 (0.97 - 1.02)	0.602	13	0.000 (-0.001, 0.001)
ERAP1	31	1.02 (1.01 - 1.04)	5.51E-06	0.001	1.02 (1.00 - 1.03)	0.009	1.00 (0.98 - 1.01)	0.764	1.02 (1.01 - 1.04)	8.41E-05	38	0.004 (-0.001, 0.010)
F8	10	1.06 (1.03 - 1.09)	2.91E-04	0.012	1.06 (1.03 - 1.09)	1.60E-04	1.07 (0.98 - 1.17)	0.117	1.06 (1.03 - 1.09)	0.006	27	0.015 (0.000, 0.029)
FAM3D	29	1.03 (1.01 - 1.05)	4.79E-04	0.016	1.05 (1.03 - 1.07)	2.84E-06	1.04 (1.00 - 1.09)	0.058	1.03 (1.01 - 1.05)	0.002	40	0.004 (-0.003, 0.011)
FCGR2A	28	1.01 (1.00 - 1.02)	0.034	0.299	1.01 (1.00 - 1.02)	0.037	1.02 (1.00 - 1.04)	0.025	1.01 (1.00 - 1.02)	0.016	46	0.000 (-0.001, 0.000)
FGF19	2	0.97 (0.91 - 1.04)	0.412	0.9	NA	NA	NA	NA	NA	NA	16	-0.047 (-0.089,-0.004)
FKBP6	34	0.98 (0.97 - 0.99)	4.53E-05	0.003	0.98 (0.97 - 0.99)	0.007	0.97 (0.95 - 1.00)	0.019	0.98 (0.97 - 0.99)	2.69E-04	55	-0.002 (-0.007, 0.002)
FUT3	14	1.01 (1.00 - 1.02)	0.161	0.558	1.01 (0.99 - 1.03)	0.22	1.02 (0.99 - 1.04)	0.237	1.01 (1.00 - 1.02)	0.12	32	0.004 (-0.002, 0.009)
GBP6	4	0.93 (0.89 - 0.97)	0.002	0.043	0.93 (0.88 - 0.97)	0.003	1.03 (0.87 - 1.22)	0.721	0.93 (0.90 - 0.96)	0.026	22	-0.021 (-0.043, 0.001)
GLT8D1	16	0.99 (0.97 - 1.00)	0.062	0.408	0.98 (0.96 - 1.00)	0.108	0.97 (0.94 - 1.01)	0.12	0.99 (0.97 - 1.00)	0.077	26	-0.006 (-0.012, 0.000)
GNS	1	0.86 (0.78 - 0.94)	0.002	0.045	NA	NA	NA	NA	NA	NA	15	-0.044 (-0.085,-0.004)
GPD1L	5	0.93 (0.90 - 0.96)	9.56E-05	0.006	0.95 (0.90 - 0.99)	0.017	1.06 (0.86 - 1.29)	0.587	0.93 (0.90 - 0.96)	0.013	23	-0.024 (-0.047,-0.001)
GRIA4	2	1.27 (1.17 - 1.38)	1.66E-08	6.69E-06	NA	NA	NA	NA	NA	NA	97	0.011 (0.001, 0.020)
HBZ	23	1.02 (1.01 - 1.04)	1.97E-04	0.01	1.02 (1.01 - 1.04)	0.005	1.02 (0.99 - 1.05)	0.111	1.02 (1.01 - 1.04)	0.001	47	0.005 (-0.002, 0.013)
HSPA1L	6	0.95 (0.92 - 0.98)	0.001	0.031	0.96 (0.92 - 0.99)	0.026	1.01 (0.91 - 1.11)	0.904	0.95 (0.92 - 0.98)	0.022	17	-0.020 (-0.035,-0.005)
ICAM1	34	1.00 (0.99 - 1.01)	0.841	0.974	1.00 (0.98 - 1.01)	0.851	0.98 (0.96 - 1.01)	0.196	1.00 (0.99 - 1.01)	0.843	63	0.005 (0.000, 0.010)
ICAM5	18	0.98 (0.96 - 1.00)	0.121	0.501	1.00 (0.98 - 1.03)	0.692	1.03 (0.99 - 1.07)	0.177	0.98 (0.96 - 1.00)	0.139	42	-0.012 (-0.022,-0.003)
IDUA	21	1.03 (1.01 - 1.05)	0.003	0.058	1.03 (1.01 - 1.06)	0.002	1.04 (0.98 - 1.10)	0.172	1.03 (1.01 - 1.05)	0.007	38	0.004 (-0.004, 0.013)
IL15RA	9	0.96 (0.94 - 0.99)	0.002	0.043	0.96 (0.93 - 0.98)	0.001	0.96 (0.90 - 1.04)	0.333	0.96 (0.94 - 0.99)	0.014	29	-0.007 (-0.020, 0.006)
IL17RA	11	0.99 (0.97 - 1.00)	0.01	0.141	0.99 (0.97 - 1.00)	0.041	0.99 (0.97 - 1.01)	0.289	0.99 (0.98 - 0.99)	0.008	24	-0.006 (-0.008,-0.004)
IL1RL1	20	1.00 (0.99 - 1.02)	0.673	0.947	1.01 (1.00 - 1.03)	0.086	1.01 (0.98 - 1.04)	0.499	1.00 (0.99 - 1.02)	0.678	42	0.000 (-0.002, 0.001)
IL25	10	1.01 (0.99 - 1.02)	0.404	0.891	1.02 (1.00 - 1.04)	0.085	1.03 (1.00 - 1.07)	0.07	1.01 (0.99 - 1.02)	0.337	33	0.004 (-0.003, 0.010)
IL2RB	1	0.78 (0.70 - 0.86)	2.46E-06	3.93E-04	NA	NA	NA	NA	NA	NA	19	-0.086 (-0.150,-0.021)
IL6R	14	0.98 (0.97 - 0.99)	4.48E-04	0.016	0.98 (0.97 - 1.00)	0.01	0.97 (0.94 - 0.99)	0.012	0.98 (0.97 - 0.99)	0.001	37	-0.004 (-0.009, 0.000)
KIR2DL2	9	0.95 (0.93 - 0.98)	1.96E-04	0.01	0.97 (0.94 - 1.00)	0.041	0.99 (0.92 - 1.07)	0.823	0.95 (0.93 - 0.98)	0.004	24	-0.029 (-0.045,-0.011)
KLHL13	9	0.95 (0.93 - 0.98)	4.31E-04	0.015	0.96 (0.93 - 1.00)	0.028	1.00 (0.91 - 1.09)	0.969	0.95 (0.93 - 0.98)	0.006	29	-0.009 (-0.021, 0.004)
L1CAM	1	0.81 (0.74 - 0.88)	3.69E-06	3.93E-04	NA	NA	NA	NA	NA	NA	27	-0.285 (-0.397,-0.172)
LAG3	2	0.79 (0.73 - 0.85)	1.41E-09	7.09E-07	NA	NA	NA	NA	NA	NA	13	-0.088 (-0.167,-0.009)
LCT	34	1.03 (1.02 - 1.05)	3.54E-04	0.013	1.02 (1.01 - 1.04)	0.008	1.02 (0.98 - 1.07)	0.252	1.03 (1.02 - 1.05)	0.001	52	0.005 (-0.004, 0.014)
LECT1	2	0.88 (0.82 - 0.95)	0.001	0.018	NA	NA	NA	NA	NA	NA	17	-0.044 (-0.068,-0.021)
MAN1B1	10	1.02 (0.99 - 1.05)	0.134	0.541	1.03 (1.00 - 1.07)	0.081	1.09 (0.99 - 1.19)	0.064	1.02 (1.00 - 1.04)	0.12	22	-0.013 (-0.027, 0.002)
MANBA	10	0.99 (0.97 - 1.01)	0.28	0.737	0.99 (0.97 - 1.01)	0.363	0.99 (0.93 - 1.05)	0.784	0.99 (0.97 - 1.01)	0.308	30	0.001 (-0.002, 0.003)
MICB	6	1.13 (1.07 - 1.19)	1.58E-05	0.001	1.14 (1.08 - 1.21)	8.36E-07	1.25 (1.11 - 1.41)	3.03E-04	1.13 (1.07 - 1.19)	0.008	137	0.011 (0.006, 0.015)
MINOS1	34	0.98 (0.97 - 0.99)	4.68E-04	0.016	0.98 (0.97 - 0.99)	0.006	0.97 (0.95 - 0.99)	0.004	0.98 (0.97 - 0.99)	0.001	57	0.001 (-0.002, 0.003)
MLL2	17	1.01 (1.00 - 1.02)	0.099	0.468	1.01 (1.00 - 1.03)	0.109	1.03 (1.00 - 1.06)	0.076	1.01 (1.00 - 1.02)	0.118	22	-0.003 (-0.009, 0.003)
MMP8	7	1.04 (1.01 - 1.07)	0.005	0.092	1.05 (1.01 - 1.09)	0.006	1.02 (0.93 - 1.12)	0.688	1.04 (1.03 - 1.06)	0.001	59	0.005 (0.001, 0.009)
MMRN2	1	1.16 (1.06 - 1.27)	0.002	0.041	NA	NA	NA	NA	NA	NA	16	0.023 (-0.008, 0.054)
MRPL33	13	0.96 (0.95 - 0.98)	1.94E-04	0.01	0.96 (0.94 - 0.99)	0.003	0.96 (0.91 - 1.00)	0.065	0.96 (0.95 - 0.98)	1.47E-04	31	-0.008 (-0.011,-0.005)
NDUFS4	16	1.01 (1.00 - 1.02)	0.099	0.469	1.01 (1.00 - 1.03)	0.082	1.03 (1.00 - 1.06)	0.072	1.01 (1.00 - 1.02)	0.087	36	-0.004 (-0.009, 0.000)
NPFF	19	0.97 (0.95 - 0.99)	3.97E-04	0.014	0.97 (0.95 - 1.00)	0.044	0.99 (0.95 - 1.04)	0.78	0.97 (0.95 - 0.98)	0.002	37	-0.007 (-0.018, 0.004)
NPPA	1	1.07 (0.95 - 1.21)	0.246	0.686	NA	NA	NA	NA	NA	NA	17	0.031 (0.015, 0.046)
NQO2	9	1.01 (0.99 - 1.03)	0.331	0.801	1.01 (0.99 - 1.04)	0.199	1.03 (0.98 - 1.07)	0.264	1.01 (0.99 - 1.03)	0.359	20	0.002 (-0.004, 0.008)
NR1H2	7	0.94 (0.91 - 0.97)	2.32E-04	0.01	0.94 (0.90 - 0.98)	0.003	0.98 (0.89 - 1.08)	0.674	0.94 (0.92 - 0.97)	0.004	31	-0.037 (-0.056,-0.018)
NXPH1	9	0.98 (0.96 - 1.00)	0.136	0.542	1.00 (0.97 - 1.03)	0.834	0.98 (0.92 - 1.05)	0.626	0.98 (0.97 - 1.00)	0.08	26	0.002 (-0.003, 0.007)
PCDHA4	1	1.16 (1.06 - 1.27)	0.001	0.036	NA	NA	NA	NA	NA	NA	16	-0.009 (-0.036, 0.019)
PCDHB4	6	0.94 (0.90 - 0.97)	2.04E-04	0.01	0.95 (0.91 - 0.99)	0.019	1.04 (0.91 - 1.19)	0.579	0.94 (0.90 - 0.97)	0.014	27	-0.020 (-0.033,-0.007)
PDGFRL	24	0.98 (0.97 - 0.99)	2.74E-04	0.012	0.99 (0.97 - 1.00)	0.071	1.00 (0.98 - 1.02)	0.86	0.98 (0.97 - 0.99)	0.001	44	-0.003 (-0.008, 0.001)
PDK1	10	0.96 (0.94 - 0.98)	4.77E-04	0.016	0.97 (0.94 - 1.00)	0.038	0.97 (0.91 - 1.04)	0.479	0.96 (0.94 - 0.98)	0.007	21	-0.018 (-0.036,-0.001)
PIK3C2A	4	0.92 (0.87 - 0.97)	0.001	0.03	0.92 (0.87 - 0.98)	0.009	1.08 (0.57 - 2.05)	0.811	0.92 (0.89 - 0.94)	0.009	18	-0.015 (-0.022,-0.008)
PLA2R1	35	1.01 (1.01 - 1.02)	0.001	0.031	1.02 (1.00 - 1.03)	0.024	0.99 (0.97 - 1.01)	0.469	1.01 (1.01 - 1.02)	0.002	52	0.002 (-0.001, 0.005)
PLXNB2	17	1.04 (1.02 - 1.06)	2.51E-06	3.93E-04	1.04 (1.02 - 1.07)	0.001	1.08 (1.02 - 1.14)	0.004	1.04 (1.03 - 1.06)	1.60E-04	44	0.001 (-0.003, 0.006)
PMEL	4	1.11 (1.05 - 1.17)	1.04E-04	0.006	1.11 (1.04 - 1.19)	0.002	1.07 (0.85 - 1.34)	0.566	1.11 (1.07 - 1.16)	0.016	19	-0.031 (-0.074, 0.012)
PPY	2	0.90 (0.84 - 0.96)	0.001	0.036	NA	NA	NA	NA	NA	NA	28	-0.057 (-0.089,-0.025)
RARRES1	15	0.99 (0.98 - 1.00)	0.176	0.572	1.00 (0.98 - 1.01)	0.663	0.99 (0.97 - 1.01)	0.263	0.99 (0.98 - 1.00)	0.197	35	0.003 (-0.003, 0.008)
RELB	11	0.96 (0.94 - 0.98)	2.04E-04	0.01	0.96 (0.94 - 0.99)	0.023	0.99 (0.92 - 1.06)	0.768	0.96 (0.94 - 0.98)	0.002	25	-0.018 (-0.031,-0.006)
REPIN1	8	0.97 (0.94 - 0.99)	0.016	0.188	0.97 (0.94 - 1.00)	0.056	0.96 (0.88 - 1.05)	0.426	0.97 (0.96 - 0.97)	9.39E-05	24	0.002 (-0.002, 0.006)
SCARA3	2	0.88 (0.81 - 0.95)	0.002	0.049	NA	NA	NA	NA	NA	NA	14	0.035 (0.008, 0.061)
SERPINE2	4	1.03 (1.00 - 1.07)	0.076	0.451	1.03 (0.99 - 1.08)	0.136	0.98 (0.88 - 1.08)	0.64	1.03 (1.01 - 1.06)	0.089	20	0.002 (-0.002, 0.006)
SERPING1	13	0.96 (0.94 - 0.98)	3.51E-04	0.013	0.96 (0.94 - 0.98)	0.002	0.94 (0.90 - 0.99)	0.027	0.96 (0.94 - 0.98)	0.004	31	-0.001 (-0.005, 0.002)
SIGIRR	22	0.98 (0.96 - 0.99)	2.20E-04	0.01	0.98 (0.97 - 1.00)	0.042	0.99 (0.97 - 1.02)	0.661	0.98 (0.96 - 0.99)	0.001	58	-0.009 (-0.017,-0.002)
SIRPB1	25	1.01 (1.00 - 1.02)	0.077	0.453	1.01 (0.99 - 1.02)	0.36	1.01 (0.98 - 1.04)	0.694	1.01 (1.00 - 1.02)	0.089	44	0.001 (-0.001, 0.004)
SLAMF7	10	0.94 (0.92 - 0.97)	3.69E-06	3.93E-04	0.95 (0.92 - 0.98)	0.002	1.01 (0.93 - 1.11)	0.741	0.94 (0.92 - 0.97)	0.001	31	-0.022 (-0.035,-0.010)
TGFBI	4	0.94 (0.91 - 0.96)	3.78E-06	3.93E-04	0.94 (0.91 - 0.97)	1.23E-04	0.96 (0.90 - 1.02)	0.197	0.94 (0.92 - 0.95)	0.003	18	-0.009 (-0.023, 0.006)
TREML2	7	0.93 (0.91 - 0.96)	7.79E-08	2.25E-05	0.94 (0.92 - 0.97)	3.55E-04	0.95 (0.90 - 0.99)	0.026	0.93 (0.92 - 0.95)	4.56E-04	27	0.008 (-0.008, 0.025)
TUFT1	1	0.79 (0.71 - 0.88)	1.28E-05	0.001	NA	NA	NA	NA	NA	NA	22	-0.087 (-0.136,-0.037)
TXNDC12	51	1.00 (0.99 - 1.01)	0.848	0.974	1.00 (0.99 - 1.01)	0.875	0.99 (0.98 - 1.01)	0.504	1.00 (0.99 - 1.01)	0.849	76	-0.001 (-0.004, 0.001)
VTN	30	0.98 (0.97 - 0.99)	2.21E-04	0.01	0.98 (0.97 - 0.99)	0.006	0.97 (0.94 - 0.99)	0.013	0.98 (0.97 - 0.99)	0.001	52	-0.001 (-0.004, 0.002)

Luminal B-like

Protein	IVW OR (95% CI)	IVW P	IVW FDR-Adjusted P	Median OR (95% CI)	Median P	Egger OR (95% CI)	Egger P	MR PRESSO OR (95% CI)	MR PRESSO P	MRLocus clusters
ABO	1.02 (1.00 - 1.04)	0.041	0.791	1.01 (0.99 - 1.04)	0.288	1.01 (0.98 - 1.05)	0.48	1.02 (1.00 - 1.03)	0.019	46
ACPL2	0.99 (0.92 - 1.06)	0.758	0.997	0.99 (0.91 - 1.08)	0.847	1.03 (0.81 - 1.31)	0.818	0.99 (0.92 - 1.06)	0.769	29
ADAMTS1	1.30 (1.00 - 1.69)	0.048	0.791	NA	NA	NA	NA	NA	NA	14
ADGRF1	1.01 (0.96 - 1.06)	0.699	0.997	1.02 (0.95 - 1.08)	0.621	1.05 (0.92 - 1.20)	0.476	1.01 (0.98 - 1.04)	0.556	26
ANAPC7	0.99 (0.97 - 1.02)	0.713	0.997	0.99 (0.96 - 1.03)	0.775	1.01 (0.95 - 1.07)	0.763	0.99 (0.98 - 1.01)	0.53	35
ASIP	1.10 (1.06 - 1.14)	4.43E-08	8.93E-05	1.09 (1.03 - 1.14)	0.001	1.09 (1.02 - 1.17)	0.016	1.10 (1.06 - 1.14)	9.69E-06	48
C1QTNF5	0.83 (0.76 - 0.90)	7.74E-06	0.005	0.83 (0.75 - 0.91)	5.49E-05	1.01 (0.73 - 1.39)	0.959	0.83 (0.76 - 0.90)	0.002	37
CAMK1D	1.00 (0.93 - 1.08)	0.924	0.997	1.03 (0.94 - 1.13)	0.543	1.17 (0.85 - 1.60)	0.339	1.00 (0.94 - 1.07)	0.913	19
CAST	1.03 (0.96 - 1.11)	0.409	0.997	1.04 (0.94 - 1.15)	0.503	1.15 (0.91 - 1.46)	0.233	1.03 (0.96 - 1.11)	0.433	21
CCL5	0.78 (0.66 - 0.92)	0.002	0.219	NA	NA	NA	NA	NA	NA	26
CD200	0.90 (0.72 - 1.13)	0.356	0.997	NA	NA	NA	NA	NA	NA	11
CD209	1.02 (0.99 - 1.05)	0.131	0.997	1.02 (0.98 - 1.06)	0.381	1.02 (0.97 - 1.07)	0.473	1.02 (1.00 - 1.04)	0.03	38
CD300C	0.94 (0.88 - 1.01)	0.08	0.928	0.93 (0.86 - 1.01)	0.094	0.91 (0.72 - 1.16)	0.455	0.94 (0.90 - 0.99)	0.072	35
CLEC12A	1.00 (0.98 - 1.03)	0.809	0.997	1.02 (0.99 - 1.06)	0.176	1.03 (0.98 - 1.08)	0.237	1.00 (0.98 - 1.03)	0.811	36
CLK2	1.00 (0.95 - 1.05)	0.911	0.997	1.03 (0.96 - 1.10)	0.475	1.03 (0.87 - 1.21)	0.759	1.00 (0.95 - 1.04)	0.898	30
CST7	1.02 (0.98 - 1.05)	0.365	0.997	1.02 (0.97 - 1.06)	0.422	1.02 (0.94 - 1.10)	0.614	1.02 (1.00 - 1.03)	0.041	44
CTSS	0.98 (0.94 - 1.03)	0.419	0.997	0.97 (0.92 - 1.03)	0.391	0.97 (0.88 - 1.06)	0.472	0.98 (0.95 - 1.01)	0.248	37
CXCL1	1.08 (1.03 - 1.12)	4.37E-04	0.101	1.07 (1.02 - 1.12)	0.005	0.99 (0.90 - 1.10)	0.906	1.08 (1.04 - 1.11)	0.009	27
DPP7	1.02 (0.95 - 1.10)	0.553	0.997	1.02 (0.94 - 1.12)	0.62	1.12 (0.85 - 1.46)	0.43	1.02 (0.95 - 1.10)	0.579	13
ERAP1	0.99 (0.97 - 1.01)	0.348	0.997	1.00 (0.97 - 1.02)	0.87	1.01 (0.97 - 1.05)	0.731	0.99 (0.97 - 1.01)	0.303	38
F8	1.04 (0.99 - 1.09)	0.135	0.997	1.02 (0.95 - 1.08)	0.626	0.99 (0.87 - 1.13)	0.9	1.04 (1.01 - 1.07)	0.043	27
FAM3D	0.96 (0.92 - 1.01)	0.09	0.977	1.03 (0.99 - 1.08)	0.133	1.05 (0.96 - 1.15)	0.252	0.96 (0.92 - 1.01)	0.101	40
FCGR2A	0.98 (0.96 - 1.00)	0.019	0.704	0.98 (0.96 - 1.01)	0.228	1.01 (0.97 - 1.06)	0.526	0.98 (0.96 - 0.99)	0.02	46
FGF19	0.70 (0.60 - 0.81)	5.62E-06	0.005	NA	NA	NA	NA	NA	NA	16
FKBP6	1.00 (0.98 - 1.02)	0.899	0.997	1.01 (0.98 - 1.04)	0.439	1.02 (0.98 - 1.06)	0.399	1.00 (0.98 - 1.02)	0.89	55
FUT3	1.02 (0.98 - 1.06)	0.352	0.997	1.04 (0.99 - 1.08)	0.083	1.06 (0.97 - 1.15)	0.181	1.02 (0.98 - 1.06)	0.369	32
GBP6	0.99 (0.90 - 1.10)	0.92	0.997	1.03 (0.93 - 1.16)	0.549	1.18 (0.81 - 1.73)	0.384	0.99 (0.92 - 1.07)	0.904	22
GLT8D1	1.01 (0.98 - 1.04)	0.489	0.997	1.01 (0.96 - 1.05)	0.775	0.98 (0.91 - 1.06)	0.679	1.01 (0.99 - 1.03)	0.297	26
GNS	0.93 (0.75 - 1.15)	0.492	0.997	NA	NA	NA	NA	NA	NA	15
GPD1L	1.00 (0.92 - 1.08)	0.945	0.997	1.02 (0.93 - 1.12)	0.689	1.37 (0.88 - 2.14)	0.167	1.00 (0.94 - 1.06)	0.929	23
GRIA4	1.06 (0.88 - 1.28)	0.537	0.997	NA	NA	NA	NA	NA	NA	97
HBZ	1.00 (0.97 - 1.04)	0.804	0.997	0.99 (0.96 - 1.03)	0.785	1.00 (0.93 - 1.07)	0.957	1.00 (0.97 - 1.04)	0.806	47
HSPA1L	1.03 (0.96 - 1.11)	0.446	0.997	1.02 (0.94 - 1.11)	0.556	1.02 (0.77 - 1.35)	0.9	1.03 (0.96 - 1.11)	0.48	17
ICAM1	0.99 (0.97 - 1.01)	0.564	0.997	0.99 (0.96 - 1.02)	0.584	0.97 (0.93 - 1.01)	0.188	0.99 (0.97 - 1.01)	0.54	63
ICAM5	1.00 (0.97 - 1.03)	0.911	0.997	1.02 (0.98 - 1.07)	0.267	1.01 (0.95 - 1.08)	0.713	1.00 (0.98 - 1.02)	0.87	42
IDUA	1.03 (0.99 - 1.06)	0.12	0.99	1.04 (0.99 - 1.09)	0.141	1.07 (0.99 - 1.16)	0.102	1.03 (0.99 - 1.06)	0.136	38
IL15RA	1.00 (0.95 - 1.05)	0.997	0.998	1.01 (0.95 - 1.07)	0.693	0.96 (0.81 - 1.13)	0.623	1.00 (0.95 - 1.05)	0.997	29
IL17RA	1.04 (1.02 - 1.07)	0.001	0.171	1.05 (1.02 - 1.08)	0.002	1.06 (1.01 - 1.10)	0.012	1.04 (1.03 - 1.05)	1.20E-04	24
IL1RL1	1.00 (0.98 - 1.03)	0.845	0.997	1.00 (0.97 - 1.04)	0.938	0.98 (0.93 - 1.03)	0.404	1.00 (0.98 - 1.02)	0.841	42
IL25	1.06 (1.02 - 1.10)	0.001	0.171	1.07 (1.02 - 1.12)	0.005	1.10 (1.02 - 1.19)	0.016	1.06 (1.04 - 1.08)	7.63E-05	33
IL2RB	0.92 (0.73 - 1.17)	0.507	0.997	NA	NA	NA	NA	NA	NA	19
IL6R	0.99 (0.96 - 1.02)	0.628	0.997	1.00 (0.96 - 1.04)	0.999	0.96 (0.90 - 1.03)	0.254	0.99 (0.96 - 1.02)	0.637	37
KIR2DL2	1.02 (0.96 - 1.08)	0.576	0.997	1.03 (0.96 - 1.11)	0.37	1.04 (0.88 - 1.24)	0.603	1.02 (0.97 - 1.07)	0.534	24
KLHL13	0.99 (0.93 - 1.05)	0.666	0.997	1.01 (0.94 - 1.10)	0.71	1.05 (0.85 - 1.28)	0.652	0.99 (0.94 - 1.04)	0.633	29
L1CAM	0.91 (0.74 - 1.11)	0.356	0.997	NA	NA	NA	NA	NA	NA	27
LAG3	0.97 (0.82 - 1.15)	0.764	0.997	NA	NA	NA	NA	NA	NA	13
LCT	0.99 (0.96 - 1.02)	0.534	0.997	0.99 (0.95 - 1.03)	0.684	1.01 (0.94 - 1.08)	0.826	0.99 (0.96 - 1.02)	0.539	52
LECT1	0.89 (0.76 - 1.05)	0.155	0.997	NA	NA	NA	NA	NA	NA	17
MAN1B1	0.99 (0.94 - 1.05)	0.708	0.997	0.98 (0.92 - 1.06)	0.636	1.04 (0.85 - 1.27)	0.697	0.99 (0.96 - 1.02)	0.465	22
MANBA	0.92 (0.89 - 0.96)	5.86E-05	0.03	0.93 (0.88 - 0.98)	0.004	0.99 (0.88 - 1.13)	0.915	0.92 (0.89 - 0.96)	0.003	30
MICB	1.03 (0.95 - 1.12)	0.451	0.997	1.06 (0.96 - 1.18)	0.247	1.17 (0.93 - 1.47)	0.17	1.03 (0.96 - 1.11)	0.421	137
MINOS1	1.00 (0.98 - 1.02)	0.675	0.997	1.01 (0.98 - 1.04)	0.437	1.02 (0.98 - 1.06)	0.386	1.00 (0.99 - 1.02)	0.637	57
MLL2	0.99 (0.96 - 1.02)	0.585	0.997	0.99 (0.95 - 1.03)	0.666	1.02 (0.95 - 1.09)	0.67	0.99 (0.97 - 1.01)	0.422	22
MMP8	1.03 (0.96 - 1.10)	0.45	0.997	1.02 (0.94 - 1.12)	0.587	1.30 (1.05 - 1.61)	0.015	1.03 (0.96 - 1.10)	0.479	59
MMRN2	0.95 (0.77 - 1.16)	0.604	0.997	NA	NA	NA	NA	NA	NA	16
MRPL33	0.97 (0.93 - 1.01)	0.127	0.997	0.96 (0.91 - 1.02)	0.196	1.02 (0.91 - 1.13)	0.77	0.97 (0.93 - 1.01)	0.153	31
NDUFS4	0.99 (0.97 - 1.02)	0.713	0.997	1.00 (0.96 - 1.03)	0.832	1.01 (0.95 - 1.08)	0.736	0.99 (0.98 - 1.01)	0.54	36
NPFF	1.01 (0.97 - 1.05)	0.485	0.997	1.02 (0.97 - 1.07)	0.495	1.05 (0.95 - 1.16)	0.354	1.01 (0.98 - 1.04)	0.382	37
NPPA	0.82 (0.62 - 1.07)	0.147	0.997	NA	NA	NA	NA	NA	NA	17
NQO2	1.04 (1.00 - 1.08)	0.054	0.822	1.03 (0.99 - 1.08)	0.171	1.02 (0.94 - 1.12)	0.591	1.04 (1.02 - 1.06)	0.009	20
NR1H2	0.99 (0.92 - 1.06)	0.825	0.997	1.03 (0.94 - 1.12)	0.517	1.00 (0.80 - 1.25)	0.999	0.99 (0.93 - 1.06)	0.826	31
NXPH1	1.06 (1.01 - 1.12)	0.015	0.634	1.06 (0.99 - 1.13)	0.072	1.02 (0.89 - 1.18)	0.751	1.06 (1.02 - 1.11)	0.013	26
PCDHA4	0.99 (0.81 - 1.22)	0.956	0.997	NA	NA	NA	NA	NA	NA	16
PCDHB4	1.00 (0.93 - 1.08)	0.909	0.997	1.03 (0.94 - 1.12)	0.591	1.13 (0.83 - 1.52)	0.439	1.00 (0.94 - 1.07)	0.893	27
PDGFRL	1.02 (1.00 - 1.05)	0.053	0.82	1.02 (0.99 - 1.06)	0.192	1.03 (0.99 - 1.08)	0.144	1.02 (1.00 - 1.04)	0.046	44
PDK1	0.99 (0.94 - 1.04)	0.814	0.997	1.00 (0.94 - 1.07)	0.98	1.01 (0.87 - 1.17)	0.925	0.99 (0.95 - 1.04)	0.8	21
PIK3C2A	1.06 (0.94 - 1.21)	0.326	0.997	1.04 (0.91 - 1.19)	0.598	1.43 (0.21 - 9.74)	0.717	1.06 (0.94 - 1.21)	0.399	18
PLA2R1	1.03 (1.01 - 1.05)	0.002	0.182	1.04 (1.01 - 1.07)	0.014	1.01 (0.95 - 1.06)	0.821	1.03 (1.01 - 1.05)	0.001	52
PLXNB2	1.04 (0.99 - 1.08)	0.093	0.981	1.04 (0.98 - 1.10)	0.179	1.05 (0.92 - 1.20)	0.466	1.04 (0.99 - 1.08)	0.112	44
PMEL	1.19 (1.06 - 1.35)	0.004	0.31	1.17 (1.01 - 1.35)	0.032	1.28 (0.77 - 2.13)	0.344	1.19 (1.11 - 1.28)	0.015	19
PPY	0.96 (0.83 - 1.10)	0.543	0.997	NA	NA	NA	NA	NA	NA	28
RARRES1	1.00 (0.97 - 1.04)	0.875	0.997	1.00 (0.96 - 1.03)	0.856	1.01 (0.95 - 1.07)	0.806	1.00 (0.97 - 1.04)	0.877	35
RELB	1.00 (0.95 - 1.06)	0.863	0.997	1.02 (0.95 - 1.09)	0.62	0.98 (0.83 - 1.17)	0.835	1.00 (0.95 - 1.06)	0.866	25
REPIN1	1.00 (0.94 - 1.06)	0.954	0.997	1.01 (0.94 - 1.09)	0.795	1.02 (0.84 - 1.25)	0.807	1.00 (0.97 - 1.03)	0.918	24
SCARA3	1.05 (0.74 - 1.50)	0.782	0.997	NA	NA	NA	NA	NA	NA	14
SERPINE2	1.03 (0.95 - 1.12)	0.479	0.997	1.03 (0.94 - 1.14)	0.486	1.00 (0.80 - 1.25)	0.986	1.03 (0.98 - 1.08)	0.281	20
SERPING1	1.01 (0.97 - 1.06)	0.566	0.997	1.01 (0.95 - 1.07)	0.76	1.03 (0.92 - 1.16)	0.565	1.01 (0.97 - 1.06)	0.577	31
SIGIRR	0.96 (0.93 - 0.98)	0.001	0.143	0.95 (0.92 - 0.99)	0.012	0.96 (0.91 - 1.02)	0.195	0.96 (0.94 - 0.98)	0.001	58
SIRPB1	1.00 (0.98 - 1.02)	0.928	0.997	0.99 (0.96 - 1.02)	0.664	0.99 (0.95 - 1.04)	0.801	1.00 (0.98 - 1.02)	0.918	44
SLAMF7	0.99 (0.94 - 1.04)	0.689	0.997	1.02 (0.95 - 1.10)	0.559	1.05 (0.86 - 1.28)	0.638	0.99 (0.94 - 1.04)	0.659	31
TGFBI	0.94 (0.89 - 1.01)	0.082	0.928	0.95 (0.88 - 1.02)	0.128	0.96 (0.83 - 1.11)	0.573	0.94 (0.93 - 0.96)	0.014	18
TREML2	0.90 (0.86 - 0.96)	4.07E-04	0.101	0.90 (0.84 - 0.96)	0.002	0.88 (0.79 - 0.98)	0.021	0.90 (0.86 - 0.95)	0.006	27
TUFT1	0.90 (0.71 - 1.14)	0.36	0.997	NA	NA	NA	NA	NA	NA	22
TXNDC12	1.01 (0.99 - 1.03)	0.42	0.997	1.01 (0.98 - 1.04)	0.567	1.04 (1.00 - 1.08)	0.028	1.01 (0.99 - 1.03)	0.424	76
VTN	1.01 (0.98 - 1.03)	0.52	0.997	1.01 (0.98 - 1.05)	0.444	1.00 (0.95 - 1.05)	0.947	1.01 (0.98 - 1.03)	0.525	52

NA: not availale.

Cells in gray: strong associations with a BH-FDR < 0.05 for IVW estimates & p < 0.05 (weighted median, MR-Egger and MR-PRESSO) or nonzero effect (MRLocus) in two of the three four remaining MR approaches.

Cells in blue: suggestive associations with a BH-FDR > 0.05 for IVW estimates but p < 0.01 (weighted median, MR-Egger and MR-PRESSO) or nonzero effect (MRLocus) in two of the three four remaining MR approaches.

	Luminal B/HER2 negative-like											HER2 enriched								
MRLocus slope alpha (95% Int)	IVW OR (95% CI)	IVW P	IVW FDR-Adjusted P	Median OR (95% CI)	Median P	Egger OR (95% CI)	Egger P	MR PRESSO OR (95% CI)	MR PRESSO P	MRLocus clusters	MRLocus slope alpha (95% Int)	IVW OR (95% CI)	IVW P	IVW FDR-Adjusted P	Median OR (95% CI)	Median P	Egger OR (95% CI)	Egger P	MR PRESSO OR (95% CI)	MR PRESSO P
0.005 (0.002, 0.008)	1.03 (1.01 - 1.04)	2.95E-04	0.039	1.03 (1.00 - 1.05)	0.022	1.02 (0.99 - 1.05)	0.21	1.03 (1.02 - 1.04)	4.86E-06	46	0.001 (-0.002, 0.003)	1.00 (0.96 - 1.03)	0.92	0.999	1.02 (0.98 - 1.06)	0.273	1.05 (0.98 - 1.12)	0.196	1.00 (0.96 - 1.03)	0.921
0.002 (-0.004, 0.009)	0.94 (0.89 - 1.01)	0.074	0.442	0.94 (0.88 - 1.01)	0.115	1.00 (0.80 - 1.25)	0.992	0.94 (0.89 - 1.01)	0.124	29	-0.034 (-0.065,-0.003)	1.01 (0.92 - 1.11)	0.856	0.999	0.99 (0.88 - 1.12)	0.933	0.97 (0.70 - 1.33)	0.841	1.01 (0.93 - 1.09)	0.833
0.044 (-0.005, 0.094)	1.25 (1.00 - 1.57)	0.049	0.406	NA	NA	NA	NA	NA	NA	14	-0.177 (-0.368, 0.012)	0.77 (0.52 - 1.12)	0.17	0.999	NA	NA	NA	NA	NA	NA
-0.019 (-0.031,-0.007)	0.95 (0.91 - 0.99)	0.016	0.328	0.96 (0.91 - 1.01)	0.154	0.96 (0.86 - 1.08)	0.505	0.95 (0.92 - 0.99)	0.025	26	-0.002 (-0.007, 0.004)	0.98 (0.91 - 1.05)	0.599	0.999	0.99 (0.91 - 1.09)	0.907	0.98 (0.79 - 1.22)	0.843	0.98 (0.91 - 1.05)	0.611
0.006 (-0.009, 0.021)	1.04 (1.02 - 1.07)	4.94E-05	0.014	1.04 (1.01 - 1.07)	0.018	1.06 (1.01 - 1.12)	0.016	1.04 (1.02 - 1.06)	2.23E-04	35	-0.017 (-0.042, 0.009)	1.02 (0.99 - 1.06)	0.171	0.999	1.02 (0.97 - 1.07)	0.484	1.03 (0.94 - 1.12)	0.524	1.02 (1.00 - 1.05)	0.089
0.004 (-0.006, 0.015)	1.06 (1.02 - 1.09)	0.002	0.112	1.05 (1.00 - 1.09)	0.029	1.06 (0.99 - 1.13)	0.119	1.06 (1.02 - 1.09)	0.005	48	0.000 (-0.002, 0.001)	1.08 (1.03 - 1.13)	0.002	0.204	1.06 (0.99 - 1.14)	0.075	1.12 (1.02 - 1.24)	0.014	1.08 (1.04 - 1.12)	0.001
-0.023 (-0.058, 0.012)	0.95 (0.90 - 1.00)	0.056	0.413	0.96 (0.88 - 1.04)	0.289	0.94 (0.75 - 1.18)	0.597	0.95 (0.90 - 1.00)	0.078	37	-0.008 (-0.021, 0.005)	1.00 (0.87 - 1.15)	0.976	0.999	1.10 (0.96 - 1.27)	0.161	0.85 (0.47 - 1.52)	0.582	1.00 (0.87 - 1.15)	0.977
0.065 (0.002, 0.128)	0.91 (0.85 - 0.97)	0.004	0.168	0.92 (0.85 - 0.99)	0.031	0.97 (0.74 - 1.27)	0.823	0.91 (0.87 - 0.95)	0.007	19	-0.017 (-0.036, 0.002)	0.99 (0.89 - 1.11)	0.9	0.999	1.01 (0.88 - 1.15)	0.924	1.03 (0.65 - 1.62)	0.914	0.99 (0.94 - 1.05)	0.815
-0.006 (-0.025, 0.014)	1.04 (0.98 - 1.11)	0.197	0.628	1.06 (0.97 - 1.15)	0.182	1.12 (0.91 - 1.37)	0.281	1.04 (0.99 - 1.10)	0.157	21	-0.009 (-0.020, 0.002)	0.99 (0.88 - 1.10)	0.795	0.999	0.95 (0.82 - 1.10)	0.475	1.09 (0.78 - 1.52)	0.626	0.99 (0.89 - 1.09)	0.79
-0.016 (-0.046, 0.014)	0.94 (0.82 - 1.08)	0.409	0.672	NA	NA	NA	NA	NA	NA	26	0.025 (-0.011, 0.062)	0.82 (0.46 - 1.48)	0.52	0.999	NA	NA	NA	NA	NA	NA
-0.012 (-0.040, 0.017)	0.82 (0.68 - 1.00)	0.048	0.406	NA	NA	NA	NA	NA	NA	11	-0.105 (-0.149,-0.062)	0.87 (0.62 - 1.20)	0.39	0.999	NA	NA	NA	NA	NA	NA
0.001 (-0.002, 0.005)	1.04 (1.01 - 1.06)	0.001	0.107	1.05 (1.01 - 1.08)	0.006	1.05 (1.01 - 1.10)	0.024	1.04 (1.02 - 1.05)	1.73E-05	38	-0.001 (-0.004, 0.002)	1.02 (0.97 - 1.07)	0.447	0.999	1.01 (0.96 - 1.07)	0.615	1.08 (0.98 - 1.18)	0.106	1.02 (0.97 - 1.07)	0.455
-0.003 (-0.010, 0.004)	1.02 (0.96 - 1.08)	0.457	0.701	1.03 (0.96 - 1.11)	0.356	1.20 (0.97 - 1.49)	0.089	1.02 (0.97 - 1.08)	0.477	35	0.004 (-0.004, 0.013)	1.06 (0.96 - 1.17)	0.223	0.999	1.06 (0.94 - 1.19)	0.322	0.87 (0.61 - 1.24)	0.433	1.06 (1.00 - 1.12)	0.089
0.000 (0.000, 0.000)	1.04 (1.02 - 1.06)	3.63E-04	0.043	1.04 (1.01 - 1.06)	0.006	1.02 (0.98 - 1.07)	0.283	1.04 (1.02 - 1.06)	0.002	36	0.005 (-0.004, 0.013)	1.00 (0.96 - 1.03)	0.8	0.999	0.99 (0.95 - 1.03)	0.548	1.00 (0.93 - 1.07)	0.98	1.00 (0.97 - 1.02)	0.727
0.005 (-0.007, 0.016)	0.95 (0.90 - 1.00)	0.038	0.406	0.95 (0.89 - 1.01)	0.101	0.96 (0.82 - 1.12)	0.587	0.95 (0.90 - 1.00)	0.064	30	-0.027 (-0.043,-0.012)	1.00 (0.92 - 1.08)	0.966	0.999	1.00 (0.91 - 1.11)	0.939	0.94 (0.74 - 1.19)	0.6	1.00 (0.94 - 1.06)	0.96
0.006 (0.000, 0.012)	1.01 (0.98 - 1.05)	0.348	0.65	1.03 (0.99 - 1.07)	0.191	1.05 (0.98 - 1.12)	0.186	1.01 (0.99 - 1.04)	0.34	44	-0.002 (-0.007, 0.003)	1.00 (0.94 - 1.06)	0.97	0.999	1.03 (0.97 - 1.10)	0.335	1.17 (1.04 - 1.31)	0.008	1.00 (0.94 - 1.06)	0.97
0.007 (-0.004, 0.018)	0.94 (0.91 - 0.98)	0.005	0.18	0.95 (0.90 - 1.00)	0.047	0.95 (0.88 - 1.02)	0.175	0.94 (0.91 - 0.98)	0.012	37	-0.013 (-0.027, 0.001)	0.92 (0.85 - 1.00)	0.044	0.779	0.93 (0.85 - 1.03)	0.155	0.97 (0.83 - 1.14)	0.734	0.92 (0.85 - 1.00)	0.071
0.007 (-0.003, 0.016)	1.01 (0.98 - 1.05)	0.541	0.757	1.01 (0.97 - 1.05)	0.562	0.99 (0.90 - 1.09)	0.884	1.01 (0.98 - 1.05)	0.562	27	0.005 (-0.010, 0.020)	1.03 (0.97 - 1.09)	0.318	0.999	1.03 (0.96 - 1.10)	0.346	1.02 (0.88 - 1.17)	0.828	1.03 (1.01 - 1.06)	0.058
-0.014 (-0.050, 0.022)	0.88 (0.83 - 0.94)	1.03E-04	0.02	0.89 (0.83 - 0.96)	0.004	0.94 (0.76 - 1.17)	0.582	0.88 (0.86 - 0.91)	0.001	13	-0.006 (-0.019, 0.007)	1.00 (0.89 - 1.12)	0.971	0.999	1.03 (0.90 - 1.18)	0.647	1.17 (0.77 - 1.78)	0.453	1.00 (0.89 - 1.12)	0.972
0.001 (-0.002, 0.003)	0.98 (0.97 - 1.00)	0.063	0.426	0.99 (0.97 - 1.02)	0.578	0.99 (0.96 - 1.02)	0.475	0.98 (0.97 - 1.00)	0.049	38	-0.001 (-0.003, 0.001)	1.02 (0.99 - 1.05)	0.137	0.999	1.00 (0.96 - 1.04)	0.843	0.96 (0.91 - 1.02)	0.206	1.02 (0.99 - 1.05)	0.12
-0.001 (-0.002, 0.001)	1.07 (1.03 - 1.12)	0.001	0.107	1.06 (1.01 - 1.12)	0.022	1.07 (0.96 - 1.20)	0.222	1.07 (1.05 - 1.09)	1.29E-04	27	0.005 (-0.004, 0.014)	1.06 (0.97 - 1.14)	0.182	0.999	1.04 (0.95 - 1.14)	0.352	1.00 (0.80 - 1.25)	0.994	1.06 (0.97 - 1.14)	0.214
-0.002 (-0.009, 0.004)	1.03 (1.00 - 1.05)	0.021	0.355	1.04 (1.00 - 1.07)	0.03	1.03 (0.98 - 1.08)	0.222	1.03 (1.01 - 1.04)	0.007	40	0.001 (-0.003, 0.005)	0.99 (0.96 - 1.03)	0.815	0.999	1.00 (0.95 - 1.05)	0.996	1.02 (0.94 - 1.11)	0.632	0.99 (0.96 - 1.03)	0.814
0.000 (-0.001, 0.001)	0.99 (0.97 - 1.01)	0.234	0.65	0.99 (0.97 - 1.02)	0.515	0.99 (0.96 - 1.03)	0.612	0.99 (0.97 - 1.01)	0.243	46	0.000 (-0.001, 0.001)	1.02 (0.99 - 1.05)	0.134	0.999	1.03 (0.99 - 1.07)	0.189	1.01 (0.95 - 1.07)	0.778	1.02 (1.00 - 1.05)	0.106
-0.118 (-0.210,-0.026)	0.92 (0.80 - 1.05)	0.213	0.64	NA	NA	NA	NA	NA	NA	16	-0.027 (-0.066, 0.012)	0.96 (0.77 - 1.21)	0.757	0.999	NA	NA	NA	NA	NA	NA
-0.002 (-0.006, 0.002)	0.98 (0.96 - 1.00)	0.023	0.36	0.97 (0.95 - 1.00)	0.04	0.96 (0.92 - 1.00)	0.049	0.98 (0.96 - 1.00)	0.03	55	-0.010 (-0.024, 0.004)	1.02 (0.99 - 1.05)	0.224	0.999	1.01 (0.97 - 1.06)	0.638	0.98 (0.93 - 1.05)	0.629	1.02 (0.99 - 1.05)	0.199
0.002 (-0.003, 0.007)	1.00 (0.98 - 1.03)	0.763	0.899	1.03 (0.99 - 1.06)	0.157	1.02 (0.97 - 1.07)	0.415	1.00 (0.98 - 1.03)	0.728	32	-0.001 (-0.003, 0.001)	1.13 (1.07 - 1.20)	1.80E-05	0.012	1.09 (1.03 - 1.16)	0.005	1.06 (0.95 - 1.17)	0.281	1.13 (1.07 - 1.20)	0.001
0.008 (-0.005, 0.020)	0.93 (0.85 - 1.01)	0.1	0.509	0.93 (0.84 - 1.02)	0.126	0.93 (0.61 - 1.42)	0.738	0.93 (0.85 - 1.01)	0.199	22	-0.007 (-0.023, 0.009)	1.06 (0.92 - 1.22)	0.415	0.999	1.02 (0.86 - 1.20)	0.84	0.86 (0.49 - 1.49)	0.589	1.06 (0.93 - 1.21)	0.434
0.001 (-0.002, 0.005)	0.95 (0.92 - 0.97)	1.03E-04	0.02	0.96 (0.92 - 0.99)	0.028	0.97 (0.91 - 1.04)	0.351	0.95 (0.93 - 0.97)	1.51E-04	26	-0.008 (-0.023, 0.006)	0.98 (0.94 - 1.03)	0.417	0.999	1.00 (0.94 - 1.07)	0.992	1.01 (0.90 - 1.13)	0.847	0.98 (0.94 - 1.02)	0.35
-0.060 (-0.123, 0.003)	0.78 (0.65 - 0.94)	0.009	0.24	NA	NA	NA	NA	NA	NA	15	-0.067 (-0.125,-0.011)	0.90 (0.66 - 1.23)	0.514	0.999	NA	NA	NA	NA	NA	NA
-0.011 (-0.031, 0.009)	0.90 (0.84 - 0.96)	0.001	0.107	0.90 (0.83 - 0.98)	0.012	0.85 (0.58 - 1.24)	0.391	0.90 (0.84 - 0.95)	0.021	23	-0.069 (-0.098,-0.040)	0.97 (0.86 - 1.09)	0.626	0.999	1.01 (0.88 - 1.16)	0.865	0.92 (0.45 - 1.85)	0.806	0.97 (0.87 - 1.08)	0.631
0.001 (-0.003, 0.005)	1.21 (1.03 - 1.41)	0.017	0.328	NA	NA	NA	NA	NA	NA	97	-0.001 (-0.004, 0.003)	1.34 (1.02 - 1.77)	0.037	0.742	NA	NA	NA	NA	NA	NA
0.004 (0.000, 0.007)	1.04 (1.01 - 1.06)	0.002	0.107	1.04 (1.00 - 1.07)	0.027	1.03 (0.99 - 1.08)	0.176	1.04 (1.01 - 1.06)	0.003	47	0.004 (-0.004, 0.012)	0.95 (0.92 - 0.99)	0.024	0.617	0.97 (0.91 - 1.03)	0.277	1.03 (0.95 - 1.11)	0.475	0.95 (0.92 - 0.99)	0.034
0.003 (-0.007, 0.014)	0.95 (0.90 - 1.01)	0.097	0.503	0.95 (0.88 - 1.02)	0.132	0.91 (0.73 - 1.13)	0.39	0.95 (0.90 - 1.01)	0.158	17	-0.054 (-0.083,-0.026)	1.00 (0.91 - 1.10)	1	1	0.99 (0.88 - 1.12)	0.918	1.02 (0.70 - 1.47)	0.935	1.00 (0.91 - 1.10)	1
0.001 (-0.001, 0.003)	1.06 (1.03 - 1.08)	1.20E-07	2.43E-04	1.05 (1.02 - 1.08)	3.79E-04	1.04 (1.00 - 1.08)	0.077	1.06 (1.03 - 1.08)	7.77E-06	63	0.005 (-0.001, 0.010)	1.03 (0.99 - 1.07)	0.116	0.999	1.05 (1.00 - 1.10)	0.048	1.07 (1.00 - 1.16)	0.057	1.03 (0.99 - 1.07)	0.126
0.001 (-0.001, 0.003)	0.94 (0.91 - 0.97)	2.68E-04	0.039	0.95 (0.92 - 0.99)	0.013	0.98 (0.92 - 1.04)	0.562	0.94 (0.91 - 0.97)	0.002	42	-0.008 (-0.014,-0.002)	0.96 (0.91 - 1.01)	0.105	0.999	0.94 (0.88 - 0.99)	0.028	0.90 (0.81 - 0.99)	0.028	0.96 (0.91 - 1.01)	0.123
0.002 (-0.003, 0.007)	1.00 (0.97 - 1.03)	0.985	0.991	1.00 (0.96 - 1.04)	0.975	0.99 (0.93 - 1.06)	0.785	1.00 (0.97 - 1.03)	0.985	38	0.001 (-0.003, 0.005)	1.03 (0.98 - 1.08)	0.208	0.999	1.06 (0.99 - 1.13)	0.084	1.00 (0.89 - 1.12)	0.955	1.03 (0.99 - 1.07)	0.121
-0.005 (-0.020, 0.010)	1.03 (0.99 - 1.08)	0.163	0.591	1.03 (0.98 - 1.08)	0.306	1.04 (0.90 - 1.19)	0.627	1.03 (0.99 - 1.08)	0.2	29	0.017 (-0.007, 0.041)	0.98 (0.92 - 1.05)	0.586	0.999	0.97 (0.90 - 1.06)	0.552	0.97 (0.79 - 1.19)	0.762	0.98 (0.92 - 1.05)	0.6
0.033 (0.028, 0.038)	0.95 (0.93 - 0.97)	1.21E-05	0.008	0.96 (0.93 - 0.98)	0.001	0.97 (0.94 - 1.01)	0.178	0.95 (0.94 - 0.97)	3.64E-04	24	-0.027 (-0.032,-0.022)	1.00 (0.97 - 1.04)	0.787	0.999	1.00 (0.96 - 1.04)	0.959	0.98 (0.92 - 1.04)	0.487	1.00 (0.97 - 1.04)	0.754
-0.001 (-0.003, 0.001)	1.00 (0.98 - 1.02)	0.734	0.884	1.01 (0.98 - 1.04)	0.514	1.02 (0.98 - 1.07)	0.235	1.00 (0.98 - 1.02)	0.72	42	0.000 (-0.001, 0.002)	0.98 (0.95 - 1.02)	0.406	0.999	0.97 (0.92 - 1.02)	0.218	0.92 (0.86 - 0.99)	0.024	0.98 (0.95 - 1.02)	0.417
0.002 (-0.003, 0.007)	1.01 (0.97 - 1.04)	0.657	0.837	1.01 (0.97 - 1.05)	0.714	1.03 (0.96 - 1.10)	0.382	1.01 (0.98 - 1.03)	0.547	33	0.001 (-0.002, 0.003)	1.03 (0.97 - 1.09)	0.304	0.999	1.01 (0.94 - 1.08)	0.802	1.00 (0.90 - 1.12)	0.974	1.03 (1.00 - 1.06)	0.1
-0.027 (-0.083, 0.031)	0.86 (0.70 - 1.05)	0.133	0.555	NA	NA	NA	NA	NA	NA	19	-0.036 (-0.083, 0.012)	0.69 (0.49 - 0.97)	0.035	0.742	NA	NA	NA	NA	NA	NA
-0.007 (-0.018, 0.004)	1.02 (0.99 - 1.05)	0.112	0.536	1.02 (0.99 - 1.05)	0.215	0.97 (0.92 - 1.02)	0.294	1.02 (0.99 - 1.05)	0.136	37	0.020 (0.004, 0.036)	1.02 (0.99 - 1.06)	0.186	0.999	1.03 (0.98 - 1.08)	0.255	0.97 (0.90 - 1.05)	0.501	1.02 (0.99 - 1.06)	0.13
-0.006 (-0.022, 0.009)	0.95 (0.90 - 1.00)	0.034	0.406	0.95 (0.89 - 1.01)	0.097	0.93 (0.80 - 1.09)	0.374	0.95 (0.90 - 1.00)	0.067	24	-0.034 (-0.062,-0.006)	1.01 (0.93 - 1.09)	0.85	0.999	1.00 (0.90 - 1.11)	0.959	0.99 (0.78 - 1.27)	0.962	1.01 (0.94 - 1.08)	0.829
-0.015 (-0.037, 0.007)	0.95 (0.90 - 1.00)	0.055	0.411	0.95 (0.89 - 1.02)	0.135	1.00 (0.84 - 1.19)	0.984	0.95 (0.90 - 1.00)	0.081	29	-0.029 (-0.057,-0.002)	1.02 (0.94 - 1.11)	0.639	0.999	1.00 (0.90 - 1.13)	0.947	0.98 (0.73 - 1.31)	0.883	1.02 (0.95 - 1.10)	0.576
0.001 (-0.003, 0.005)	0.84 (0.71 - 1.00)	0.048	0.406	NA	NA	NA	NA	NA	NA	27	-0.062 (-0.103,-0.020)	0.88 (0.66 - 1.18)	0.39	0.999	NA	NA	NA	NA	NA	NA
0.020 (-0.009, 0.048)	0.88 (0.76 - 1.02)	0.08	0.459	NA	NA	NA	NA	NA	NA	13	-0.010 (-0.032, 0.013)	0.84 (0.59 - 1.19)	0.325	0.999	NA	NA	NA	NA	NA	NA
-0.001 (-0.004, 0.002)	1.02 (0.99 - 1.05)	0.16	0.591	1.03 (0.99 - 1.06)	0.103	1.00 (0.94 - 1.07)	0.888	1.02 (0.99 - 1.05)	0.17	52	0.002 (-0.004, 0.009)	1.00 (0.97 - 1.04)	0.913	0.999	0.99 (0.93 - 1.04)	0.596	0.96 (0.89 - 1.04)	0.293	1.00 (0.97 - 1.03)	0.905
0.019 (-0.009, 0.048)	0.88 (0.77 - 1.02)	0.084	0.471	NA	NA	NA	NA	NA	NA	17	-0.016 (-0.027,-0.005)	0.81 (0.57 - 1.16)	0.258	0.999	NA	NA	NA	NA	NA	NA
-0.004 (-0.015, 0.007)	1.10 (1.05 - 1.16)	5.01E-05	0.014	1.11 (1.04 - 1.18)	0.001	1.08 (0.91 - 1.28)	0.377	1.10 (1.06 - 1.15)	0.001	22	-0.002 (-0.009, 0.005)	1.07 (0.98 - 1.16)	0.128	0.999	1.07 (0.96 - 1.19)	0.203	1.02 (0.77 - 1.37)	0.872	1.07 (1.01 - 1.13)	0.053
-0.004 (-0.010, 0.002)	0.99 (0.95 - 1.03)	0.713	0.872	0.98 (0.94 - 1.03)	0.423	0.97 (0.84 - 1.12)	0.675	0.99 (0.95 - 1.03)	0.721	30	0.007 (0.000, 0.014)	1.02 (0.96 - 1.08)	0.535	0.999	1.03 (0.96 - 1.10)	0.412	1.00 (0.83 - 1.20)	0.979	1.02 (0.98 - 1.05)	0.336
0.004 (0.001, 0.007)	1.17 (1.09 - 1.26)	7.89E-06	0.008	1.19 (1.09 - 1.30)	6.85E-05	1.17 (0.97 - 1.42)	0.098	1.17 (1.13 - 1.22)	3.99E-04	137	0.002 (-0.001, 0.005)	1.14 (1.01 - 1.29)	0.034	0.734	1.14 (0.97 - 1.32)	0.101	1.37 (0.99 - 1.91)	0.06	1.14 (1.03 - 1.26)	0.046
0.000 (-0.001, 0.002)	0.98 (0.96 - 1.00)	0.04	0.406	0.97 (0.95 - 0.99)	0.018	0.96 (0.92 - 1.00)	0.043	0.98 (0.96 - 1.00)	0.048	57	-0.002 (-0.008, 0.003)	1.01 (0.99 - 1.04)	0.3	0.999	1.01 (0.97 - 1.05)	0.67	1.00 (0.94 - 1.05)	0.916	1.01 (0.99 - 1.04)	0.266
0.009 (-0.012, 0.031)	1.05 (1.02 - 1.07)	2.42E-04	0.039	1.04 (1.00 - 1.07)	0.037	1.06 (1.00 - 1.13)	0.059	1.05 (1.02 - 1.07)	0.001	22	0.001 (-0.003, 0.006)	1.02 (0.98 - 1.06)	0.419	0.999	1.00 (0.95 - 1.06)	0.926	1.01 (0.92 - 1.13)	0.784	1.02 (0.98 - 1.05)	0.364
0.002 (-0.005, 0.009)	1.04 (0.98 - 1.10)	0.177	0.611	1.05 (0.98 - 1.13)	0.146	1.19 (0.99 - 1.43)	0.061	1.04 (0.98 - 1.10)	0.224	59	0.003 (-0.001, 0.006)	1.00 (0.91 - 1.11)	0.926	0.999	0.94 (0.84 - 1.07)	0.371	0.86 (0.62 - 1.20)	0.38	1.00 (0.91 - 1.11)	0.929
0.135 (0.078, 0.191)	0.95 (0.80 - 1.13)	0.574	0.778	NA	NA	NA	NA	NA	NA	16	-0.027 (-0.057, 0.002)	1.03 (0.77 - 1.39)	0.833	0.999	NA	NA	NA	NA	NA	NA
0.000 (-0.002, 0.001)	1.01 (0.97 - 1.06)	0.472	0.71	1.01 (0.96 - 1.06)	0.722	0.96 (0.86 - 1.06)	0.422	1.01 (0.97 - 1.06)	0.486	31	0.000 (-0.001, 0.001)	0.94 (0.87 - 1.01)	0.099	0.999	0.99 (0.91 - 1.07)	0.804	1.10 (0.93 - 1.30)	0.267	0.94 (0.87 - 1.01)	0.125
0.004 (-0.005, 0.014)	1.05 (1.02 - 1.07)	2.28E-05	0.009	1.04 (1.01 - 1.07)	0.008	1.05 (0.99 - 1.12)	0.075	1.05 (1.03 - 1.07)	4.18E-04	36	-0.004 (-0.015, 0.007)	1.02 (0.98 - 1.06)	0.258	0.999	1.01 (0.96 - 1.06)	0.753	1.01 (0.92 - 1.11)	0.84	1.02 (0.99 - 1.05)	0.176
0.006 (-0.007, 0.019)	0.95 (0.92 - 0.99)	0.006	0.199	0.96 (0.92 - 1.00)	0.078	0.97 (0.89 - 1.06)	0.482	0.95 (0.93 - 0.98)	0.002	37	-0.021 (-0.041,-0.001)	1.00 (0.95 - 1.06)	0.868	0.999	0.99 (0.92 - 1.07)	0.849	0.96 (0.83 - 1.12)	0.625	1.00 (0.96 - 1.05)	0.847
-0.095 (-0.125,-0.064)	1.24 (0.98 - 1.55)	0.069	0.428	NA	NA	NA	NA	NA	NA	17	0.015 (-0.006, 0.036)	0.40 (0.26 - 0.60)	1.12E-05	0.011	NA	NA	NA	NA	NA	NA
0.007 (-0.001, 0.014)	1.00 (0.96 - 1.05)	0.996	0.998	0.99 (0.95 - 1.03)	0.603	0.98 (0.88 - 1.10)	0.795	1.00 (0.96 - 1.05)	0.996	20	0.005 (-0.006, 0.016)	1.02 (0.96 - 1.07)	0.536	0.999	1.02 (0.95 - 1.09)	0.521	1.03 (0.90 - 1.18)	0.637	1.02 (0.99 - 1.05)	0.283
0.002 (-0.004, 0.007)	0.94 (0.87 - 1.00)	0.055	0.411	0.94 (0.87 - 1.01)	0.102	1.00 (0.81 - 1.25)	0.975	0.94 (0.87 - 1.00)	0.104	31	-0.077 (-0.108,-0.045)	1.01 (0.92 - 1.12)	0.813	0.999	1.00 (0.89 - 1.14)	0.944	0.92 (0.68 - 1.26)	0.618	1.01 (0.93 - 1.10)	0.785
0.005 (-0.006, 0.016)	1.09 (1.04 - 1.14)	1.02E-04	0.02	1.10 (1.04 - 1.17)	0.001	1.06 (0.94 - 1.20)	0.326	1.09 (1.05 - 1.12)	0.001	26	0.005 (-0.004, 0.013)	0.89 (0.82 - 0.95)	0.001	0.2	0.88 (0.80 - 0.97)	0.008	0.93 (0.76 - 1.15)	0.51	0.89 (0.83 - 0.94)	0.006
0.006 (-0.008, 0.019)	0.99 (0.83 - 1.17)	0.886	0.956	NA	NA	NA	NA	NA	NA	16	0.012 (-0.024, 0.048)	0.88 (0.66 - 1.18)	0.392	0.999	NA	NA	NA	NA	NA	NA
-0.001 (-0.003, 0.002)	0.90 (0.85 - 0.96)	0.002	0.116	0.92 (0.85 - 1.00)	0.043	0.99 (0.76 - 1.27)	0.92	0.90 (0.86 - 0.95)	0.013	27	-0.079 (-0.112,-0.045)	0.98 (0.88 - 1.09)	0.718	0.999	1.01 (0.89 - 1.16)	0.862	1.12 (0.73 - 1.74)	0.603	0.98 (0.90 - 1.07)	0.675
0.002 (-0.004, 0.009)	0.96 (0.94 - 0.98)	0.002	0.107	0.96 (0.93 - 0.99)	0.005	0.98 (0.94 - 1.03)	0.504	0.96 (0.94 - 0.98)	0.004	44	-0.002 (-0.008, 0.004)	1.00 (0.97 - 1.03)	0.999	1	0.99 (0.95 - 1.04)	0.844	1.01 (0.95 - 1.08)	0.747	1.00 (0.97 - 1.03)	0.999
-0.003 (-0.011, 0.006)	0.96 (0.92 - 1.00)	0.041	0.406	0.96 (0.91 - 1.01)	0.155	1.00 (0.88 - 1.14)	0.969	0.96 (0.92 - 0.99)	0.043	21	0.015 (-0.019, 0.049)	1.00 (0.93 - 1.08)	0.944	0.999	1.00 (0.91 - 1.09)	0.928	1.01 (0.82 - 1.25)	0.9	1.00 (0.94 - 1.07)	0.935
-0.009 (-0.036, 0.017)	0.89 (0.79 - 1.00)	0.056	0.413	0.88 (0.78 - 0.99)	0.028	0.91 (0.15 - 5.60)	0.916	0.89 (0.79 - 1.00)	0.153	18	-0.024 (-0.057, 0.009)	0.93 (0.79 - 1.10)	0.393	0.999	0.97 (0.80 - 1.17)	0.736	0.66 (0.08 - 5.16)	0.689	0.93 (0.82 - 1.06)	0.373
0.002 (-0.003, 0.006)	1.02 (1.00 - 1.03)	0.059	0.417	1.02 (0.99 - 1.04)	0.128	1.01 (0.96 - 1.05)	0.753	1.02 (1.00 - 1.03)	0.041	52	-0.004 (-0.009, 0.001)	0.99 (0.97 - 1.02)	0.697	0.999	0.99 (0.96 - 1.04)	0.823	0.99 (0.92 - 1.07)	0.773	0.99 (0.97 - 1.02)	0.627
0.011 (-0.001, 0.023)	1.04 (1.01 - 1.08)	0.017	0.328	1.05 (1.00 - 1.10)	0.031	1.11 (1.01 - 1.23)	0.031	1.04 (1.01 - 1.07)	0.008	44	0.022 (0.004, 0.040)	1.06 (1.00 - 1.12)	0.039	0.742	1.05 (0.97 - 1.14)	0.201	1.03 (0.88 - 1.22)	0.686	1.06 (1.01 - 1.12)	0.033
0.015 (-0.004, 0.034)	0.95 (0.81 - 1.11)	0.501	0.731	0.94 (0.82 - 1.08)	0.39	0.59 (0.38 - 0.91)	0.018	0.95 (0.81 - 1.11)	0.549	19	-0.100 (-0.173,-0.028)	1.08 (0.89 - 1.31)	0.428	0.999	1.09 (0.88 - 1.35)	0.447	1.07 (0.39 - 2.92)	0.891	1.08 (0.89 - 1.31)	0.486
0.025 (-0.014, 0.064)	0.97 (0.86 - 1.10)	0.671	0.845	NA	NA	NA	NA	NA	NA	28	-0.003 (-0.009, 0.003)	0.77 (0.60 - 0.98)	0.034	0.734	NA	NA	NA	NA	NA	NA
0.003 (-0.005, 0.010)	0.99 (0.97 - 1.02)	0.585	0.784	0.99 (0.97 - 1.02)	0.633	0.98 (0.94 - 1.03)	0.411	0.99 (0.97 - 1.02)	0.593	35	0.008 (-0.007, 0.024)	0.96 (0.92 - 1.00)	0.049	0.811	0.98 (0.94 - 1.03)	0.496	0.97 (0.91 - 1.03)	0.375	0.96 (0.93 - 0.99)	0.032
-0.011 (-0.036, 0.014)	0.96 (0.92 - 1.01)	0.116	0.536	0.95 (0.90 - 1.01)	0.14	0.91 (0.79 - 1.04)	0.171	0.96 (0.92 - 1.01)	0.147	25	-0.010 (-0.036, 0.016)	1.01 (0.94 - 1.09)	0.786	0.999	1.00 (0.90 - 1.11)	0.997	0.99 (0.79 - 1.24)	0.933	1.01 (0.95 - 1.07)	0.733
-0.001 (-0.002, 0.001)	0.91 (0.86 - 0.96)	3.06E-04	0.039	0.92 (0.86 - 0.99)	0.019	0.98 (0.82 - 1.16)	0.811	0.91 (0.87 - 0.95)	0.002	24	0.001 (-0.003, 0.006)	0.98 (0.90 - 1.07)	0.688	0.999	1.00 (0.90 - 1.12)	0.951	1.04 (0.78 - 1.40)	0.771	0.98 (0.92 - 1.05)	0.634
-0.123 (-0.237,-0.012)	0.86 (0.73 - 1.01)	0.074	0.442	NA	NA	NA	NA	NA	NA	14	0.017 (0.000, 0.033)	0.90 (0.69 - 1.17)	0.417	0.999	NA	NA	NA	NA	NA	NA
0.007 (-0.001, 0.016)	1.04 (0.97 - 1.12)	0.227	0.646	1.02 (0.94 - 1.11)	0.572	0.94 (0.78 - 1.14)	0.523	1.04 (0.98 - 1.11)	0.273	20	0.000 (-0.002, 0.001)	0.78 (0.69 - 0.88)	5.30E-05	0.021	0.79 (0.69 - 0.90)	0.001	0.78 (0.57 - 1.06)	0.115	0.78 (0.73 - 0.83)	0.006
0.001 (-0.003, 0.005)	0.94 (0.91 - 0.98)	0.002	0.107	0.95 (0.90 - 0.99)	0.022	0.95 (0.87 - 1.03)	0.222	0.94 (0.92 - 0.97)	2.91E-04	31	-0.014 (-0.037, 0.010)	1.05 (0.98 - 1.11)	0.157	0.999	1.05 (0.97 - 1.14)	0.252	1.10 (0.94 - 1.28)	0.228	1.05 (0.98 - 1.11)	0.182
-0.007 (-0.015, 0.000)	0.98 (0.96 - 1.01)	0.188	0.617	0.99 (0.96 - 1.02)	0.662	1.00 (0.96 - 1.05)	0.9	0.98 (0.96 - 1.01)	0.186	58	-0.010 (-0.023, 0.003)	0.96 (0.93 - 1.00)	0.063	0.845	0.98 (0.93 - 1.04)	0.536	1.01 (0.93 - 1.10)	0.759	0.96 (0.93 - 1.00)	0.074
0.001 (-0.001, 0.002)	1.01 (0.99 - 1.02)	0.553	0.765	1.01 (0.99 - 1.04)	0.384	1.01 (0.97 - 1.05)	0.696	1.01 (0.99 - 1.02)	0.463	44	0.001 (-0.001, 0.002)	0.98 (0.95 - 1.01)	0.242	0.999	1.00 (0.95 - 1.04)	0.895	1.01 (0.94 - 1.09)	0.75	0.98 (0.95 - 1.01)	0.241
-0.002 (-0.009, 0.005)	0.92 (0.88 - 0.97)	0.001	0.082	0.94 (0.88 - 1.00)	0.046	1.04 (0.88 - 1.23)	0.668	0.92 (0.88 - 0.96)	0.007	31	-0.036 (-0.078, 0.006)	0.97 (0.90 - 1.06)	0.545	0.999	1.00 (0.90 - 1.11)	0.942	1.05 (0.79 - 1.41)	0.731	0.97 (0.92 - 1.03)	0.394
0.004 (-0.007, 0.015)	0.98 (0.93 - 1.03)	0.43	0.684	0.98 (0.93 - 1.04)	0.575	1.02 (0.90 - 1.16)	0.723	0.98 (0.94 - 1.02)	0.411	18	-0.004 (-0.010, 0.002)	0.87 (0.79 - 0.95)	0.003	0.238	0.87 (0.79 - 0.96)	0.008	1.00 (0.81 - 1.24)	0.974	0.87 (0.80 - 0.94)	0.042
0.011 (-0.013, 0.036)	1.00 (0.96 - 1.05)	0.93	0.969	1.00 (0.94 - 1.06)	1	0.99 (0.91 - 1.09)	0.92	1.00 (0.98 - 1.03)	0.867	27	-0.030 (-0.060, 0.000)	0.97 (0.90 - 1.05)	0.467	0.999	0.97 (0.88 - 1.07)	0.564	0.99 (0.85 - 1.15)	0.88	0.97 (0.92 - 1.02)	0.315
-0.021 (-0.039,-0.004)	0.85 (0.70 - 1.04)	0.125	0.548	NA	NA	NA	NA	NA	NA	22	-0.062 (-0.121,-0.005)	0.80 (0.57 - 1.14)	0.215	0.999	NA	NA	NA	NA	NA	NA
0.003 (-0.001, 0.007)	1.03 (1.01 - 1.04)	3.08E-04	0.039	1.04 (1.01 - 1.06)	0.003	1.02 (0.99 - 1.05)	0.127	1.03 (1.01 - 1.04)	2.43E-04	76	0.012 (0.003, 0.022)	0.94 (0.92 - 0.97)	3.30E-05	0.017	0.94 (0.90 - 0.98)	0.002	0.94 (0.89 - 0.98)	0.01	0.94 (0.92 - 0.97)	1.28E-04
0.002 (-0.004, 0.007)	0.97 (0.95 - 0.99)	0.011	0.275	0.97 (0.94 - 1.00)	0.049	0.97 (0.93 - 1.02)	0.254	0.97 (0.95 - 0.99)	0.016	52	-0.001 (-0.005, 0.003)	1.01 (0.98 - 1.05)	0.391	0.999	1.01 (0.96 - 1.06)	0.722	1.00 (0.93 - 1.07)	0.959	1.01 (0.98 - 1.04)	0.355

			Triple negative										
MRLocus clusters	MRLocus slope alpha (95% Int)		IVW OR (95% CI)	IVW P	IVW FDR-Adjusted P	Median OR (95% CI)	Median P	Egger OR (95% CI)	Egger P	MR PRESSO OR (95% CI)	MR PRESSO P	MRLocus clusters	MRLocus slope alpha (95% Int)
46	0.034 (0.008, 0.059)		**1.04 (1.02 - 1.06)**	**2.48E-06**	**4.18E-04**	**1.03 (1.01 - 1.05)**	**0.01**	1.03 (0.99 - 1.06)	0.098	**1.04 (1.02 - 1.06)**	**6.65E-05**	46	0.003 (-0.003, 0.008)
29	-0.010 (-0.025, 0.006)		0.97 (0.91 - 1.04)	0.41	0.764	1.00 (0.93 - 1.07)	0.969	1.03 (0.80 - 1.31)	0.84	0.97 (0.91 - 1.04)	0.442	29	-0.047 (-0.098, 0.006)
14	0.002 (-0.006, 0.011)		1.12 (0.89 - 1.40)	0.338	0.736	NA	NA	NA	NA	NA	NA	14	-0.012 (-0.030, 0.006)
26	-0.009 (-0.029, 0.010)		1.00 (0.95 - 1.04)	0.834	0.952	1.00 (0.95 - 1.05)	0.975	1.01 (0.90 - 1.14)	0.84	1.00 (0.97 - 1.03)	0.778	26	0.015 (-0.009, 0.038)
35	0.004 (-0.005, 0.013)		0.97 (0.95 - 0.99)	0.016	0.31	0.99 (0.96 - 1.02)	0.387	1.01 (0.96 - 1.06)	0.641	0.97 (0.96 - 0.99)	0.004	35	0.009 (-0.003, 0.021)
48	0.002 (-0.004, 0.007)		**1.11 (1.08 - 1.14)**	**2.24E-13**	**4.51E-10**	**1.11 (1.06 - 1.16)**	**3.71E-06**	**1.12 (1.06 - 1.18)**	**7.26E-05**	**1.11 (1.08 - 1.14)**	**2.11E-09**	48	0.005 (-0.001, 0.011)
37	0.004 (-0.005, 0.014)		1.01 (0.96 - 1.07)	0.598	0.901	1.00 (0.93 - 1.07)	0.931	0.85 (0.68 - 1.07)	0.164	1.01 (0.97 - 1.06)	0.508	37	0.008 (-0.009, 0.026)
19	0.011 (-0.025, 0.047)		1.00 (0.94 - 1.07)	0.959	0.988	1.01 (0.93 - 1.09)	0.815	1.07 (0.82 - 1.41)	0.602	1.00 (0.97 - 1.03)	0.918	19	-0.029 (-0.075, 0.017)
21	0.007 (-0.014, 0.028)		1.03 (0.96 - 1.10)	0.408	0.762	1.04 (0.95 - 1.13)	0.37	0.95 (0.77 - 1.16)	0.592	1.03 (0.97 - 1.09)	0.368	21	-0.009 (-0.026, 0.008)
26	-0.046 (-0.100, 0.007)		0.97 (0.85 - 1.12)	0.69	0.921	NA	NA	NA	NA	NA	NA	26	0.024 (-0.001, 0.048)
11	-0.043 (-0.069, -0.018)		0.77 (0.64 - 0.94)	0.009	0.233	NA	NA	NA	NA	NA	NA	11	-0.145 (-0.228, -0.061)
38	0.065 (0.020, 0.111)		1.03 (0.99 - 1.06)	0.112	0.621	1.04 (1.00 - 1.07)	0.04	1.03 (0.97 - 1.10)	0.294	1.03 (0.99 - 1.06)	0.127	38	-0.012 (-0.024, 0.000)
35	-0.003 (-0.016, 0.009)		**0.90 (0.85 - 0.96)**	**0.001**	**0.045**	**0.93 (0.86 - 0.99)**	**0.032**	1.02 (0.83 - 1.27)	0.836	**0.90 (0.87 - 0.94)**	**0.003**	35	-0.003 (-0.008, 0.003)
36	-0.001 (-0.003, 0.001)		1.02 (1.00 - 1.04)	0.02	0.356	1.02 (1.00 - 1.05)	0.066	1.03 (0.99 - 1.08)	0.108	1.02 (1.00 - 1.04)	0.031	36	0.002 (-0.003, 0.007)
30	0.025 (-0.018, 0.067)		0.97 (0.93 - 1.02)	0.326	0.736	1.00 (0.94 - 1.06)	0.968	0.95 (0.81 - 1.12)	0.54	0.97 (0.93 - 1.02)	0.35	30	-0.005 (-0.021, 0.012)
44	-0.001 (-0.003, 0.002)		1.03 (1.00 - 1.06)	0.081	0.586	1.01 (0.97 - 1.06)	0.508	1.01 (0.95 - 1.09)	0.673	1.03 (1.00 - 1.06)	0.084	44	0.002 (-0.004, 0.007)
37	-0.004 (-0.017, 0.009)		**0.93 (0.89 - 0.96)**	**1.60E-04**	**0.016**	**0.94 (0.89 - 0.99)**	**0.023**	0.94 (0.87 - 1.02)	0.14	**0.93 (0.90 - 0.95)**	**3.44E-04**	37	0.009 (-0.002, 0.020)
27	0.006 (-0.007, 0.018)		1.05 (1.01 - 1.09)	0.009	0.233	1.05 (1.01 - 1.10)	0.012	1.06 (0.98 - 1.16)	0.16	1.05 (1.03 - 1.06)	0.001	27	0.012 (-0.005, 0.028)
13	0.005 (0.003, 0.007)		1.02 (0.95 - 1.08)	0.6	0.901	1.00 (0.93 - 1.09)	0.898	0.92 (0.74 - 1.15)	0.47	1.02 (0.97 - 1.07)	0.54	13	-0.001 (-0.002, 0.000)
38	0.004 (-0.003, 0.012)		1.00 (0.98 - 1.02)	0.834	0.952	1.01 (0.99 - 1.03)	0.41	1.02 (0.99 - 1.05)	0.268	1.00 (0.99 - 1.01)	0.781	38	0.000 (-0.001, 0.002)
27	0.005 (-0.006, 0.016)		1.08 (1.03 - 1.13)	0.001	0.056	1.07 (1.01 - 1.13)	0.014	1.10 (0.97 - 1.25)	0.121	1.08 (1.03 - 1.13)	0.009	27	0.011 (-0.003, 0.024)
40	0.048 (0.010, 0.087)		**1.06 (1.04 - 1.08)**	**3.53E-07**	**1.02E-04**	**1.06 (1.03 - 1.10)**	**1.87E-04**	**1.07 (1.02 - 1.12)**	**0.009**	**1.06 (1.04 - 1.08)**	**3.01E-06**	40	0.001 (-0.002, 0.005)
46	0.000 (-0.001, 0.001)		**1.03 (1.01 - 1.05)**	**0.001**	**0.045**	**1.03 (1.01 - 1.06)**	**0.009**	1.01 (0.97 - 1.04)	0.657	**1.03 (1.02 - 1.04)**	**1.73E-04**	46	0.001 (-0.001, 0.002)
16	0.003 (-0.007, 0.013)		1.12 (0.98 - 1.28)	0.088	0.589	NA	NA	NA	NA	NA	NA	16	-0.001 (-0.004, 0.002)
55	-0.008 (-0.018, 0.001)		1.00 (0.97 - 1.02)	0.746	0.939	1.01 (0.98 - 1.04)	0.634	1.01 (0.97 - 1.06)	0.579	1.00 (0.97 - 1.02)	0.748	55	-0.005 (-0.018, 0.008)
32	0.008 (-0.003, 0.018)		0.99 (0.96 - 1.02)	0.442	0.791	0.99 (0.96 - 1.03)	0.591	0.99 (0.94 - 1.05)	0.867	0.99 (0.96 - 1.02)	0.456	32	-0.003 (-0.009, 0.001)
22	-0.004 (-0.017, 0.009)		1.00 (0.92 - 1.08)	0.919	0.972	1.01 (0.92 - 1.11)	0.839	1.04 (0.75 - 1.45)	0.796	1.00 (0.95 - 1.05)	0.877	22	-0.047 (-0.080, -0.013)
26	0.008 (-0.003, 0.019)		1.03 (1.00 - 1.06)	0.059	0.551	1.01 (0.97 - 1.05)	0.585	0.99 (0.92 - 1.06)	0.755	1.03 (1.00 - 1.06)	0.078	26	-0.001 (-0.006, 0.003)
15	0.100 (0.019, 0.180)		0.83 (0.69 - 1.00)	0.057	0.551	NA	NA	NA	NA	NA	NA	15	-0.017 (-0.062, 0.030)
23	-0.001 (-0.006, 0.004)		0.98 (0.88 - 1.11)	0.806	0.939	1.02 (0.94 - 1.11)	0.668	0.90 (0.42 - 1.90)	0.779	0.98 (0.88 - 1.11)	0.818	23	-0.013 (-0.052, 0.026)
97	-0.007 (-0.024, 0.010)		0.99 (0.85 - 1.17)	0.948	0.983	NA	NA	NA	NA	NA	NA	97	-0.005 (-0.014, 0.005)
47	-0.001 (-0.005, 0.002)		1.02 (1.00 - 1.05)	0.052	0.547	1.01 (0.98 - 1.04)	0.637	1.00 (0.95 - 1.05)	0.97	1.02 (1.00 - 1.04)	0.017	47	0.006 (-0.002, 0.013)
17	-0.023 (-0.035, -0.010)		0.97 (0.90 - 1.06)	0.549	0.864	1.00 (0.94 - 1.07)	0.958	0.98 (0.71 - 1.36)	0.917	0.97 (0.90 - 1.06)	0.575	17	-0.105 (-0.174, -0.035)
63	0.015 (-0.004, 0.034)		0.97 (0.95 - 0.99)	0.001	0.065	0.98 (0.95 - 1.00)	0.084	0.97 (0.94 - 1.00)	0.096	0.97 (0.96 - 0.99)	0.001	63	-0.002 (-0.006, 0.002)
42	-0.061 (-0.098, -0.023)		0.99 (0.97 - 1.02)	0.654	0.913	1.00 (0.97 - 1.04)	0.775	1.03 (0.98 - 1.09)	0.253	0.99 (0.97 - 1.02)	0.659	42	-0.005 (-0.015, 0.005)
38	0.004 (-0.005, 0.012)		0.97 (0.95 - 1.00)	0.064	0.557	0.98 (0.94 - 1.02)	0.334	0.98 (0.92 - 1.05)	0.556	0.97 (0.95 - 1.00)	0.062	38	-0.001 (-0.005, 0.003)
29	0.006 (-0.007, 0.020)		1.01 (0.97 - 1.05)	0.532	0.854	1.00 (0.96 - 1.05)	0.864	0.97 (0.86 - 1.08)	0.556	1.01 (0.99 - 1.04)	0.381	29	0.003 (-0.004, 0.010)
24	0.001 (-0.002, 0.004)		1.01 (0.99 - 1.03)	0.275	0.724	1.00 (0.98 - 1.03)	0.774	1.00 (0.96 - 1.04)	0.955	1.01 (1.00 - 1.02)	0.087	24	0.000 (-0.001, 0.002)
42	0.002 (-0.003, 0.006)		**0.96 (0.94 - 0.98)**	**1.60E-05**	**0.002**	**0.95 (0.92 - 0.98)**	**2.81E-04**	**0.93 (0.89 - 0.97)**	**0.001**	**0.96 (0.94 - 0.97)**	**2.34E-04**	42	-0.002 (-0.006, 0.002)
33	0.007 (-0.005, 0.019)		1.01 (0.98 - 1.05)	0.412	0.764	1.02 (0.98 - 1.06)	0.305	1.02 (0.95 - 1.09)	0.637	1.01 (0.98 - 1.04)	0.373	33	0.003 (-0.002, 0.008)
19	-0.176 (-0.282, -0.069)		0.83 (0.68 - 1.01)	0.067	0.568	NA	NA	NA	NA	NA	NA	19	-0.027 (-0.060, 0.006)
37	0.024 (-0.006, 0.042)		0.99 (0.97 - 1.02)	0.639	0.913	1.00 (0.97 - 1.03)	0.828	1.00 (0.94 - 1.05)	0.906	0.99 (0.97 - 1.02)	0.647	37	0.016 (-0.000, 0.032)
24	-0.011 (-0.032, 0.011)		0.97 (0.92 - 1.02)	0.268	0.724	1.00 (0.94 - 1.06)	0.902	0.97 (0.83 - 1.14)	0.739	0.97 (0.92 - 1.02)	0.3	24	-0.005 (-0.021, 0.012)
29	0.003 (-0.008, 0.015)		0.98 (0.92 - 1.04)	0.516	0.846	1.00 (0.94 - 1.07)	0.969	1.03 (0.81 - 1.29)	0.828	0.98 (0.92 - 1.04)	0.534	29	-0.019 (-0.045, 0.007)
27	-0.030 (-0.054, -0.007)		0.79 (0.67 - 0.94)	0.009	0.233	NA	NA	NA	NA	NA	NA	27	-0.006 (-0.031, 0.018)
13	0.049 (-0.034, 0.132)		0.82 (0.70 - 0.95)	0.007	0.199	NA	NA	NA	NA	NA	NA	13	0.036 (-0.022, 0.093)
52	0.010 (-0.003, 0.024)		1.02 (1.00 - 1.05)	0.115	0.622	1.00 (0.97 - 1.04)	0.787	0.99 (0.94 - 1.04)	0.648	1.02 (1.00 - 1.04)	0.108	52	0.000 (-0.001, 0.001)
17	-0.013 (-0.044, 0.017)		0.80 (0.64 - 0.99)	0.039	0.505	NA	NA	NA	NA	NA	NA	17	-0.017 (-0.046, 0.012)
22	-0.020 (-0.061, 0.020)		0.97 (0.92 - 1.02)	0.198	0.724	0.98 (0.92 - 1.04)	0.474	0.96 (0.81 - 1.15)	0.685	0.97 (0.94 - 1.00)	0.063	22	0.004 (-0.003, 0.011)
30	-0.003 (-0.010, 0.005)		1.01 (0.97 - 1.04)	0.667	0.913	0.99 (0.95 - 1.04)	0.798	0.97 (0.87 - 1.08)	0.608	1.01 (0.98 - 1.04)	0.629	30	0.007 (-0.001, 0.014)
137	0.004 (-0.002, 0.010)		0.99 (0.92 - 1.06)	0.694	0.921	0.99 (0.91 - 1.08)	0.787	1.05 (0.87 - 1.28)	0.58	0.99 (0.95 - 1.02)	0.512	137	-0.001 (-0.005, 0.003)
57	-0.004 (-0.009, 0.000)		1.00 (0.98 - 1.03)	0.74	0.939	1.01 (0.98 - 1.03)	0.641	1.01 (0.97 - 1.05)	0.7	1.00 (0.98 - 1.02)	0.742	57	-0.011 (-0.021, -0.001)
22	0.007 (-0.013, 0.027)		0.98 (0.95 - 1.00)	0.069	0.57	0.99 (0.96 - 1.03)	0.624	1.02 (0.96 - 1.08)	0.522	0.98 (0.96 - 1.00)	0.069	22	0.001 (-0.003, 0.005)
59	0.008 (-0.006, 0.021)		1.00 (0.95 - 1.06)	0.888	0.961	1.01 (0.94 - 1.08)	0.862	1.11 (0.93 - 1.34)	0.245	1.00 (0.96 - 1.04)	0.848	59	0.003 (-0.003, 0.010)
16	0.039 (-0.016, 0.094)		1.06 (0.89 - 1.26)	0.538	0.858	NA	NA	NA	NA	NA	NA	16	0.026 (-0.019, 0.071)
31	-0.015 (-0.032, 0.001)		1.01 (0.98 - 1.05)	0.509	0.838	1.02 (0.97 - 1.07)	0.503	1.00 (0.91 - 1.10)	0.987	1.01 (0.98 - 1.05)	0.512	31	0.000 (-0.001, 0.000)
36	-0.012 (-0.023, 0.000)		0.98 (0.96 - 1.00)	0.04	0.505	0.99 (0.96 - 1.02)	0.606	1.02 (0.96 - 1.08)	0.457	0.98 (0.96 - 0.99)	0.017	36	0.004 (-0.002, 0.010)
37	-0.023 (-0.044, -0.003)		0.98 (0.95 - 1.02)	0.312	0.733	0.99 (0.95 - 1.04)	0.727	1.00 (0.91 - 1.09)	0.93	0.98 (0.95 - 1.01)	0.297	37	-0.016 (-0.044, 0.012)
17	0.002 (-0.006, 0.011)		1.04 (0.82 - 1.31)	0.768	0.939	NA	NA	NA	NA	NA	NA	17	0.000 (-0.001, 0.002)
20	0.001 (-0.003, 0.005)		0.95 (0.92 - 0.98)	0.002	0.072	0.94 (0.91 - 0.98)	0.006	0.94 (0.87 - 1.01)	0.108	0.95 (0.93 - 0.97)	0.001	20	-0.018 (-0.036, 0.001)
31	-0.012 (-0.036, 0.013)		0.97 (0.89 - 1.05)	0.409	0.763	1.00 (0.93 - 1.08)	0.977	0.95 (0.73 - 1.24)	0.717	0.97 (0.89 - 1.05)	0.44	31	-0.089 (-0.139, -0.040)
26	-0.002 (-0.007, 0.004)		0.98 (0.94 - 1.02)	0.345	0.736	0.99 (0.94 - 1.04)	0.711	1.06 (0.93 - 1.20)	0.385	0.98 (0.94 - 1.01)	0.275	26	0.000 (-0.000, 0.001)
16	-0.101 (-0.199, -0.002)		1.19 (1.00 - 1.42)	0.05	0.531	NA	NA	NA	NA	NA	NA	16	-0.011 (-0.035, 0.012)
27	-0.031 (-0.065, 0.003)		1.01 (0.94 - 1.07)	0.84	0.954	1.01 (0.94 - 1.10)	0.748	1.07 (0.82 - 1.39)	0.612	1.01 (0.96 - 1.05)	0.768	27	-0.033 (-0.086, 0.018)
44	0.000 (-0.002, 0.001)		**0.95 (0.93 - 0.97)**	**1.14E-07**	**4.02E-05**	**0.95 (0.93 - 0.98)**	**0.002**	**0.95 (0.92 - 0.99)**	**0.014**	**0.95 (0.93 - 0.97)**	**1.96E-05**	44	-0.003 (-0.007, 0.000)
21	-0.013 (-0.024, -0.002)		0.98 (0.94 - 1.02)	0.351	0.742	0.99 (0.94 - 1.05)	0.812	1.03 (0.90 - 1.17)	0.703	0.98 (0.94 - 1.02)	0.375	21	-0.032 (-0.073, 0.009)
18	-0.047 (-0.093, -0.002)		1.04 (0.95 - 1.15)	0.378	0.751	1.05 (0.94 - 1.17)	0.425	1.31 (0.39 - 4.48)	0.662	1.04 (1.01 - 1.08)	0.07	18	0.027 (-0.001, 0.052)
52	-0.003 (-0.012, 0.006)		**0.97 (0.95 - 0.99)**	**0.001**	**0.045**	**0.97 (0.94 - 0.99)**	**0.009**	**0.94 (0.90 - 0.98)**	**0.008**	**0.97 (0.96 - 0.99)**	**0.001**	52	-0.004 (-0.009, 0.001)
44	0.008 (-0.003, 0.019)		0.97 (0.93 - 1.01)	0.092	0.601	0.96 (0.91 - 1.01)	0.096	0.99 (0.88 - 1.11)	0.841	0.97 (0.93 - 1.01)	0.112	44	0.015 (-0.009, 0.039)
19	-0.035 (-0.077, 0.007)		1.08 (0.92 - 1.26)	0.346	0.736	1.05 (0.92 - 1.20)	0.45	1.36 (0.65 - 2.82)	0.411	1.08 (0.92 - 1.26)	0.416	19	0.044 (-0.014, 0.102)
28	-0.213 (-0.267, -0.159)		1.04 (0.92 - 1.18)	0.546	0.863	NA	NA	NA	NA	NA	NA	28	0.012 (-0.008, 0.032)
35	-0.016 (-0.035, 0.003)		**0.95 (0.93 - 0.97)**	**6.94E-06**	**0.001**	**0.95 (0.93 - 0.98)**	**0.002**	**0.95 (0.91 - 0.98)**	**0.005**	**0.95 (0.93 - 0.96)**	**5.19E-06**	35	0.000 (-0.001, 0.002)
25	-0.026 (-0.044, -0.008)		0.99 (0.94 - 1.04)	0.619	0.913	1.00 (0.94 - 1.06)	0.939	0.96 (0.81 - 1.13)	0.606	0.99 (0.94 - 1.04)	0.63	25	-0.042 (-0.082, -0.002)
24	0.019 (0.007, 0.031)		1.01 (0.96 - 1.06)	0.718	0.933	1.01 (0.95 - 1.08)	0.653	1.04 (0.87 - 1.23)	0.685	1.01 (0.97 - 1.05)	0.664	24	0.014 (-0.003, 0.031)
14	-0.019 (-0.044, 0.008)		0.96 (0.82 - 1.12)	0.585	0.889	NA	NA	NA	NA	NA	NA	14	-0.042 (-0.071, -0.013)
20	-0.040 (-0.087, 0.008)		1.00 (0.93 - 1.08)	0.977	0.989	1.00 (0.92 - 1.09)	0.959	1.01 (0.84 - 1.23)	0.898	1.00 (0.98 - 1.02)	0.909	20	0.008 (-0.004, 0.020)
31	0.014 (-0.011, 0.039)		1.02 (0.99 - 1.06)	0.188	0.714	1.01 (0.96 - 1.06)	0.794	1.03 (0.95 - 1.12)	0.471	1.02 (1.00 - 1.05)	0.076	31	0.001 (-0.002, 0.004)
58	0.008 (-0.006, 0.023)		0.99 (0.97 - 1.02)	0.482	0.821	1.00 (0.97 - 1.03)	0.85	0.99 (0.94 - 1.05)	0.868	0.99 (0.97 - 1.02)	0.49	58	-0.005 (-0.010, 0.000)
44	-0.002 (-0.004, 0.000)		**1.04 (1.02 - 1.06)**	**2.33E-05**	**0.003**	**1.04 (1.01 - 1.07)**	**0.003**	1.04 (1.00 - 1.09)	0.058	**1.04 (1.03 - 1.06)**	**1.88E-05**	44	-0.001 (-0.003, 0.001)
31	0.007 (-0.017, 0.031)		0.98 (0.93 - 1.03)	0.501	0.831	1.00 (0.94 - 1.07)	0.983	0.98 (0.81 - 1.20)	0.882	0.98 (0.93 - 1.03)	0.517	31	-0.012 (-0.034, 0.010)
18	-0.012 (-0.031, 0.006)		0.93 (0.88 - 0.98)	0.011	0.254	0.93 (0.88 - 0.99)	0.018	0.92 (0.81 - 1.05)	0.206	0.93 (0.90 - 0.97)	0.033	18	0.000 (-0.001, 0.002)
27	0.000 (-0.001, 0.001)		**0.92 (0.88 - 0.96)**	**0.001**	**0.045**	**0.93 (0.88 - 0.99)**	**0.018**	0.94 (0.85 - 1.02)	0.154	**0.92 (0.88 - 0.96)**	**0.01**	27	-0.005 (-0.015, 0.005)
22	-0.005 (-0.023, 0.013)		0.76 (0.62 - 0.94)	0.01	0.239	NA	NA	NA	NA	NA	NA	22	-0.044 (-0.094, 0.006)
76	-0.026 (-0.036, -0.015)		**0.95 (0.93 - 0.97)**	**1.03E-07**	**4.02E-05**	**0.95 (0.93 - 0.97)**	**7.37E-05**	0.97 (0.94 - 1.01)	0.145	**0.95 (0.93 - 0.97)**	**2.42E-06**	76	-0.029 (-0.037, -0.020)
52	-0.003 (-0.010, 0.005)		1.00 (0.98 - 1.02)	0.978	0.989	1.01 (0.98 - 1.04)	0.626	1.01 (0.95 - 1.06)	0.833	1.00 (0.98 - 1.02)	0.978	52	-0.005 (-0.016, 0.006)