

Variant-level comparison of lead FECD variants with four other corneal traits: keratoconus (KC), central corneal thickness (CCT), corneal resistance factor (CRF), and corneal hysteresis (CH).

EA, effect allele; NEA, non-effect allele; EAF, effect allele frequency; SE, standard error; BETA/OR [L95, U95], beta or odds ratio with lower and upper bounds of 95% confidence interval.

Central corneal thickness (Bonnerkamp 1995)						Central corneal thickness (Choquet 2020)						Central corneal thickness (Iglesias 2018)						Corneal hysteresis (Simcoe 2020)						Corneal hysteresis (Pan UKBB 2020)					
EAF	BETA	SE	U95	U95	P	EAF	BETA	SE	U95	U95	P	EAF	BETA	SE	U95	U95	P	EAF	BETA	SE	U95	U95	P	EAF	BETA	SE	U95	U95	P
0.039	-0.858	1.056	-2.927	1.211	0.416	NA	NA	NA	NA	NA	NA	0.038	-1.198	1.260	-3.667	1.270	0.341	0.034	-0.049	0.019	0.012	0.087	0.0019	0.034	-0.027	0.014	0.000	0.053	0.05
0.035	0.055	0.066	0.234	1.553	0.086	NA	NA	NA	NA	NA	NA	0.048	-0.985	1.090	-3.122	1.152	0.366	0.048	-0.049	0.016	-0.054	-0.049	0.079	0.049	-0.038	0.014	-0.061	-0.046	0.0084
0.048	0.075	0.171	0.778	1.553	0.017	1.059	0.826	0.495	1.619	2.08E-05	0.041	0.059	0.066	0.495	1.619	2.08E-05	0.034	-0.049	0.019	0.012	0.087	0.0019	0.034	-0.027	0.014	0.000	0.053	0.05	
0.441	0.100	0.390	-0.664	0.864	0.798	-0.145	0.237	-0.610	0.319	0.540	0.044	#####	0.104	-1.159	0.447	0.385	0.041	0.009	0.007	-0.005	0.023	0.19	0.043	0.0002	0.005	-0.010	0.010	0.97	
0.021	1.028	1.528	-1.967	4.023	0.501	NA	NA	NA	NA	NA	0.025	0.615	1.495	-2.315	3.545	0.681	0.025	-0.027	0.002	-0.067	0.020	0.39	0.025	-0.013	0.016	-0.044	0.017	0.39	
0.015	-1.202	1.816	-4.760	2.356	0.508	NA	NA	NA	NA	NA	0.013	0.462	2.095	-3.645	4.568	0.826	0.013	0.027	0.031	0.033	0.087	0.38	0.013	0.016	0.022	-0.026	0.059	0.45	
0.569	0.217	0.394	-0.556	0.989	0.583	0.122	0.277	-0.665	0.422	0.660	0.531	0.327	0.550	-0.751	1.405	0.552	0.562	-0.034	0.007	-0.048	0.021	2.00E-07	0.562	-0.019	0.005	-0.028	-0.009	2.00E-04	
0.086	0.407	0.702	-0.969	1.782	0.562	0.806	0.419	-0.016	1.627	0.055	0.089	0.028	0.720	-1.383	1.440	0.969	0.094	-0.012	0.012	-0.035	0.012	0.14	0.094	-0.002	0.008	-0.018	0.015	0.84	
0.371	0.535	0.537	-0.359	1.541	0.255	0.263	0.259	1.541	0.255	0.173E-04	0.371	0.535	0.537	-0.359	1.541	0.255	0.371	0.535	0.537	-0.359	1.541	0.255	0.371	0.535	0.537	-0.359	1.541	0.255	
0.063	0.207	0.869	-1.033	1.811	0.252	NA	NA	NA	NA	NA	0.047	0.728	0.955	-1.150	2.607	0.447	0.053	-0.281	0.016	-0.311	-0.250	0.077	0.054	-0.149	0.011	-0.171	-0.127	9.95E-42	
0.041	0.468	1.037	-1.565	2.501	0.652	NA	NA	NA	NA	NA	0.040	-1.781	4.977	-4.716	1.153	0.234	0.037	-0.017	0.020	-0.055	0.021	0.5	0.037	-0.010	0.014	-0.037	0.017	0.48	
0.965	1.808	1.093	-3.353	3.950	0.098	2.136	0.846	0.477	3.795	0.012	0.968	0.0164	1.734	-3.382	3.415	0.993	0.961	-0.057	-0.108	-0.088	-0.108	0.00029	0.961	-0.021	0.013	-0.046	0.004	0.10	