

Supplementary Table S1. Clinical Information of 17 Potential Predictors and the Corneal Edema.

	Mean (min, max)/ Number	Median (IQR)
Age (y)	70.57(38,91)	73(14)
BCVA	0.4549(0.1,1)	0.5(0.3)
Pre IOP (mmHg)	13.87(7.4,23.4)	13.90(3.37)
AL (mm)	23.93(21.1,30.56)	23.62(1.61)
ACD (mm)	3.036(2.25,4.04)	3(0.44)
LT (mm)	4.621(3.34,5.63)	4.65(0.518)
CCT (μm)	511.8(429,621)	514(44.5)
ECD (/mm²)	2556(1815,3409)	2574(486)
CDE (%S)	3.701(0,19.74)	2.85(3.083)
U/S time (s)	23.44(0,93.1)	18.55(16.06)
TAT (s)	151.3(55,284)	146.5(53.8)
EFU (cc)	47.09(20,95)	46(38,55)
Gender		
Male	77	43.26%
Female	101	56.74%
HBP		
Yes	83	46.63%
No	95	53.37%
Dia		
Yes	51	28.65%
No	127	71.35%
NH		
2	84	47.19%
3	86	48.31%
4	8	4.49%
Fluidics System		
Active	58	32.58%
Gravity	120	67.42%
Corneal Edema		
Yes	30	16.85%
No	148	83.15%

ACD, anterior chamber depth; AL, axial length; BCVA, best corrected visual acuity; CCT, central corneal thickness; CDE, cumulative dissipated energy; CE, corneal edema; Dia, diabetes; ECD, corneal endothelial cell density; EFU, estimated fluid used; HBP, hypertension; LT, lens thickness; NH, nuclear hardness; Pre IOP, preoperative intraocular pressure; TAT, total aspiration time; U/S time, ultrasound time.