

TableS4: Comparing postoperative outcomes of rhegmatogenous retinal detachment patients between tamponade materials before propensity score matching primary success cases.

| | | Gas [†] (n = 2,042) | Silicone Oil* (n = 55) | p value [§] |
|--|-------------|---------------------------------|---------------------------|----------------------|
| Best corrected visual acuity (logMAR) | First month | 0.186 ± 0.373 | 0.898 ± 0.574 | - |
| | Third month | 0.131 ± 0.336 | 0.773 ± 0.589 | - |
| | Sixth month | 0.105 ± 0.320 | 0.707 ± 0.614 | 0.002 |

[†]: If the variables are continuous, we present the means ± standard deviation.

[§]: P values of continuous variables are calculated by Mann Whitney U test. We determine that if p values are less than 0.05, the values are statistically significant.