

| Biometric parameter     | Refractive error type | Initial            |          | Final              |          | Change over      |          |
|-------------------------|-----------------------|--------------------|----------|--------------------|----------|------------------|----------|
|                         |                       | Mean $\pm$ SD      | <i>p</i> | Mean $\pm$ SD      | <i>p</i> | Mean $\pm$ SD    | <i>p</i> |
| <i>SE</i>               | myopia                | -0.81 $\pm$ 0.35   | <0.001   | -1.19 $\pm$ 0.63   | <0.001   | -0.69 $\pm$ 0.41 | <0.001   |
|                         | non-myopia            | 0.33 $\pm$ 0.44    |          | 0.41 $\pm$ 0.42    |          | 0.04 $\pm$ 0.3   |          |
| <i>AL</i>               | myopia                | 23.93 $\pm$ 0.97   | <0.001   | 24.07 $\pm$ 0.86   | <0.001   | 0.49 $\pm$ 0.29  | <0.001   |
|                         | non-myopia            | 22.97 $\pm$ 0.78   |          | 23.20 $\pm$ 0.83   |          | 0.25 $\pm$ 0.33  |          |
| <i>ACD</i>              | myopia                | 3.30 $\pm$ 0.26    | 0.001    | 3.34 $\pm$ 0.24    | 0.003    | 0.12 $\pm$ 0.11  | 0.694    |
|                         | non-myopia            | 3.09 $\pm$ 0.27    |          | 3.20 $\pm$ 0.26    |          | 0.12 $\pm$ 0.13  |          |
| <i>LT</i>               | myopia                | 3.29 $\pm$ 0.17    | 0.021    | 3.30 $\pm$ 0.18    | 0.099    | -0.04 $\pm$ 0.14 | 0.910    |
|                         | non-myopia            | 3.41 $\pm$ 0.23    |          | 3.37 $\pm$ 0.27    |          | -0.05 $\pm$ 0.32 |          |
| <i>CCT</i>              | myopia                | 546.48 $\pm$ 36.05 | 0.939    | 543.63 $\pm$ 29.89 | 0.578    | -1.49 $\pm$ 5.11 | 0.422    |
|                         | non-myopia            | 547.05 $\pm$ 33.45 |          | 547.10 $\pm$ 36.71 |          | -0.38 $\pm$ 8.43 |          |
| <i>K<sub>mean</sub></i> | myopia                | 43.90 $\pm$ 1.40   | 0.165    | 43.89 $\pm$ 1.47   | 0.051    | 0.05 $\pm$ 0.15  | 0.083    |
|                         | non-myopia            | 43.42 $\pm$ 1.57   |          | 43.36 $\pm$ 1.55   |          | -0.02 $\pm$ 0.23 |          |

**Table 2.** Mean and standard deviations of the onset and final biometric measurements by refractive error type.

*SE*, mean spherical equivalent; *AL*, axial length; *ACD*, anterior chamber depth; *LT*, lens thickness; *CCT*, central thickness of cornea; *K<sub>mean</sub>*, mean keratometry. (\*) Shows non-significant biometric parameters by age parameters;  $P > 0.05$ .

