Supplement Table 2: SS-OCT angle parameters at 750μm in PACD and control groups

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| --- | --- | --- | --- | --- |
| SSOCT Measurements | Controls(40 Eyes)Mean (SD) | Cases(40 Eyes)Mean (SD) | P-value\* | Adjusted P-Value\*\* |
| AOD at 0 axis | 0.29 (0.15) | 0.25 (0.14) | 0.27 | 1 |
| AOD at 45 axis | 0.25 (0.14) | 0.20 (0.11) | 0.22 | 1 |
| AOD at 90 axis | 0.25 (0.14) | 0.20 (0.13) | 0.14 | 1 |
| AOD at 135 axis | 0.25 (0.13) | 0.20 (0.12) | 0.2 | 1 |
| AOD at 180 axis | 0.31 (0.15) | 0.24 (0.14) | 0.07 | 0.56 |
| AOD at 225 axis | 0.31 (0.14) | 0.28 (0.12) | 0.34 | 1 |
| AOD at 270 axis | 0.27 (0.13) | 0.26 (0.13) | 0.71 | 1 |
| AOD at 315 axis | 0.30 (0.15) | 0.27 (0.13) | 0.43 | 1 |
| TIA at 0 axis | 15.34 (7.56) | 13.85 (7.42) | 0.42 | 1 |
| TIA at 45 axis | 12.81 (7.09) | 10.34 (5.26) | 0.2 | 1 |
| TIA at 90 axis | 12.47 (6.11) | 9.57 (5.88) | 0.1 | 0.8 |
| TIA at 135 axis | 12.33 (6.73) | 10.11 (5.38) | 0.18 | 1 |
| TIA at 180 axis | 15.61 (7.60) | 12.29 (6.40) | 0.07 | 0.56 |
| TIA at 225 axis | 16.19 (7.61) | 13.81 (5.95) | 0.21 | 1 |
| TIA at 270 axis | 13.54 (5.84) | 12.13 (5.62) | 0.34 | 1 |
| TIA at 315 axis | 14.92 (7.19) | 13.87 (6.56) | 0.55 | 1 |
|  |  |  |  |  |
| ARA at 0 axis | 0.18 (0.10) | 0.14 (0.09) | 0.04 | 0.32 |
| ARA at 45 axis | 0.15 (0.10) | 0.09 (0.06) | 0.04 | 0.32 |
| ARA at 90 axis | 0.16 (0.10) | 0.09 (0.07) | 0.007 | 0.056 |
| ARA at 135 axis | 0.15 (0.10) | 0.10 (0.07) | 0.02 | 0.16 |
| ARA at 180 axis | 0.19 (0.10) | 0.13 (0.08) | 0.01 | 0.08 |
| ARA at 225 axis | 0.19 (0.09) | 0.13 (0.06) | 0.009 | 0.072 |
| ARA at 270 axis | 0.16 (0.08) | 0.13 (0.08) | 0.19 | 1 |
| ARA at 315 axis | 0.20 (0.11) | 0.14 (0.08) | 0.02 | 0.16 |
| TISA at 0 axis | 0.16 (0.09) | 0.12 (0.07) | 0.06 | 0.48 |
| TISA at 45 axis | 0.13 (0.09) | 0.09 (0.05) | 0.07 | 0.56 |
| TISA at 90 axis | 0.13 (0.08) | 0.08 (0.06) | 0.01 | 0.08 |
| TISA at 135 axis | 0.13 (0.08) | 0.09 (0.06) | 0.03 | 0.24 |
| TISA at 180 axis | 0.16 (0.08) | 0.11 (0.07) | 0.02 | 0.16 |
| TISA at 225 axis | 0.17 (0.08) | 0.12 (0.05) | 0.02 | 0.16 |
| TISA at 270 axis | 0.14 (0.06) | 0.11 (0.06) | 0.14 | 1 |
| TISA at 315 axis | 0.16 (0.09) | 0.12 (0.07) | 0.07 | 0.56 |

PACD: primary angle closure disease; AOD: angle opening distance; TIA: trabecular-iris angle; ARA: angle recess area; TISA: trabecular-iris space area.

\* Generalized estimating equation was used to account for the inter-eye correlation for subjects with measures obtained from both eyes.

\*\* P-value were adjusted using Bonferroni method by multiplied by 8 due to total of 8 different axes in one category of parameters.