Online Supplemental Figure 1. Distribution of peripheral retinal lesions. OD, Right eyes; OS, Left eyes; H1, Round holes; H2, Atrophic holes; H3, Horseshoe tears; L, Lattice degeneration; P, Pigmentary degeneration; S, Snail track degeneration.
Online Supplemental Table 1. The detection of peripheral retinal lesions of different axial length groups
| Axial Length | Eyes with lesions | Non-mydriatic Optomap Standard (95%CI) | Mydriatic Optomap Standard (95%CI) | Non-mydriatic Optomap eye-steering (95%CI) | Mydriatic Optomap eye-steering (95%CI) | P value | Non-mydriatic Optomap vs. Mydriatic Optomap | Non-mydriatic Optomap vs. Standard Optomap | Mydriatic Optomap vs. Standard Optomap | Eye-steering Optomap vs. Standard Optomap |
|-------------|------------------|---------------------------------------|-----------------------------------|------------------------------------------|------------------------------------------|--------|------------------------------------------|------------------------------------------|------------------------------------------|-------------------------------------------|
| <26.00 mm   | Eyes with lesions | 32.35% (17.39%, 50.53%)              | 41.18% (26.47%, 57.65%)           | 67.65% (49.47%, 82.61%)                  | 79.41% (62.10%, 91.30%)                  | <0.001 | <0.001                                  | NS                                       | NS                                       |                                           |
|             | needed treatment | 31.03% (15.28%, 50.83%)              | 37.93% (22.12%, 56.80%)           | 72.41% (52.76%, 87.27%)                  | 75.86% (56.46%, 89.70%)                  | <0.001 | <0.001                                  | NS                                       | NS                                       |                                           |
|             | needed no treatment | 17.65% (8.30%, 43.43%)               | 35.29% (14.21%, 61.67%)           | 64.71% (38.33%, 85.79%)                 | 82.35% (56.57%, 96.20%)                 | 0.001  | <0.01                                   | NS                                       | NS                                       |                                           |
| 26.00-28.00 mm | Eyes with lesions | 43.40% (30.60%, 57.14%)              | 54.72% (40.88%, 67.86%)           | 81.13% (68.03%, 90.56%)                 | 92.45% (81.79%, 97.91%)                 | <0.001 | <0.001                                  | <0.05                                   | <0.01                                   | <0.05                                    |
|             | needed treatment | 38.30% (25.67%, 52.73%)              | 48.94% (35.37%, 62.66%)           | 80.85% (66.74%, 90.85%)                 | 97.87% (88.71%, 99.95%)                 | <0.001 | <0.001                                  | <0.05                                   | <0.01                                   | <0.05                                    |
|             | needed no treatment | 37.93% (21.84%, 57.20%)              | 48.28% (30.98%, 65.99%)           | 75.86% (56.42%, 88.41%)                 | 86.21% (68.01%, 94.84%)                 | <0.001 | <0.001                                  | NS                                       | NS                                       |                                           |
| >28.00 mm   | Eyes with lesions | 40.91% (26.34%, 56.75%)              | 56.82% (41.03%, 71.65%)           | 75.00% (59.66%, 86.81%)                 | 84.09% (69.93%, 93.36%)                 | <0.001 | 0.001                                   | <0.05                                   | NS                                       |                                           |
|             | needed treatment | 34.38% (18.57%, 53.19%)              | 53.13% (34.74%, 70.91%)           | 78.13% (60.03%, 90.72%)                 | 90.63% (74.98%, 98.02%)                 | <0.001 | <0.001                                  | <0.05                                   | NS                                       |                                           |
|             | needed no treatment | 50.00% (27.20%, 72.80%)              | 55.00% (35.48%, 73.10%)           | 75.00% (50.90%, 91.34%)                 | 75.00% (50.53%, 89.81%)                 | <0.05  | <0.05                                   | NS                                       | NS                                       |                                           |