**Additional file 2:** Median macular sensitivities in age-related macular degeneration and healthy retina using right eye as standard

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Early AMD Sub-group** | **Late AMD Sub-group** | **Healthy Retina Group** | **p value**s | | |
| **p1** | **p2** | **p3** |
| Overall Macula | 21.9  IQR: 8.8 | 17.3  IQR: 10.9 | 22.61  IQR: 7.0 | 0.163 | <0.001\* | 0.016\* |
| Inner Ring | 20.8  IQR: 6.2 | 15.3  IQR: 13.05 | 22.94  IQR: 8.0 | 0.122 | <0.001\* | 0.005\* |
| Outer Ring | 22.3  IQR: 10.1 | 18.4  IQR: 11.15 | 23.13  IQR: 6.0 | 0.291 | <0.001\* | 0.065 |
| Fovea | 20.0  IQR: 8.0 | 12.0  IQR: 16.5 | 23.0  IQR: 8.0 | 0.032\* | <0.001\* | 0.034\* |
| Nasal Inner | 23.0  IQR: 5.0 | 17.0  IQR: 13.65 | 23.34  IQR: 6.0 | 0.533 | 0.001\* | 0.008\* |
| Inferior Inner | 20.3  IQR: 10.6 | 13.0  IQR: 17.35 | 22.67  IQR: 8.0 | 0.291 | <0.001\* | 0.013\* |
| Temporal Inner | 21.0  IQR: 6.0 | 14.3  IQR: 13.0 | 23.0  IQR: 7.0 | 0.065 | <0.001\* | 0.012\* |
| Superior Inner | 20.3  IQR: 6.0 | 14.3  IQR: 12.15 | 22.33  IQR: 8.0 | 0.124 | <0.001\* | 0.014\* |
| Superior Outer | 22.3  IQR: 9.0 | 19.5  IQR: 6.75 | 22.75  IQR: 7.0 | 0.213 | 0.001\* | 0.061 |
| Nasal Outer | 21.75  IQR: 7.75 | 18.0  11.38 | 23.25  IQR: 6.0 | 0.155 | <0.001\* | 0.06 |
| Inferior Outer | 21.5  IQR: 7.0 | 16.0  IQR: 15.63 | 23.0  IQR: 4.0 | 0.173 | <0.001\* | 0.045\* |
| Temporal Outer | 23.0  IQR: 7.0 | 21.0  IQR: 9.25 | 23.59  IQR: 7.0 | 0.508 | 0.052 | 0.35 |

All macular sensitivities given in decibels

\*Indicates difference is significant at the 0.05 level (Mann-Whitney U-test)

AMD=age-related macular degeneration; IQR=interquartile range; p1=early AMD compared with healthy retina; p2=late AMD compared with healthy retina; p3=early AMD compared with late AMD