

Supplementary table 1: Eye characteristics of the patients associated with ganglion cell layer and inner plexiform layer scan artefacts.

EMG: early manifest glaucoma

| Eye ID | Age of the patient in years | Glaucoma status Condition | Detected GCIPL arefacts |
|--------|-----------------------------|---------------------------|--------------------------------------|
| P01 | 66 | Glaucoma Suspect | Acquisition error |
| P02 | 70 | EMG | Myopic error |
| P03 | 80 | EMG | Vitreo-Macular interface abnormality |
| P04 | 61 | Glaucoma Suspect | Machine segmentation error |
| P05 | 69 | EMG | Myopic error |
| P06 | 86 | Glaucoma Suspect | Vitreo-Macular interface abnormality |
| P07 | 80 | Glaucoma Suspect | Myopic error |
| P08 | 80 | Glaucoma Suspect | Floaters |
| P09 | 81 | Glaucoma Suspect | Floaters |
| P10 | 71 | Glaucoma Suspect | Vitreo-Macular interface abnormality |
| P11 | 71 | Glaucoma Suspect | Myopic error |
| P12 | 72 | Glaucoma Suspect | Myopic error |
| P13 | 81 | Glaucoma Suspect | Macular schesis |
| P14 | 78 | Glaucoma Suspect | Signal strength <6/10 |
| P15 | 83 | Glaucoma Suspect | Signal strength <6/10 |
| P16 | 70 | EMG | Myopic error |
| P17 | 72 | EMG | Machine segmentation error |
| P18 | 77 | EMG | Machine segmentation error |
| P19 | 82 | EMG | Machine segmentation error |
| P20 | 76 | EMG | ERM |
| P21 | 62 | Glaucoma Suspect | Floaters |
| P22 | 87 | Glaucoma Suspect | Vitreo-Macular interface abnormality |
| P23 | 63 | Glaucoma Suspect | Machine segmentation error |
| P24 | 88 | EMG | Floaters |
| P25 | 72 | Glaucoma Suspect | Floaters |
| P26 | 67 | EMG | ERM |
| P27 | 79 | EMG | Floaters |
| P28 | 77 | EMG | Myopic error |
| P29 | 67 | Glaucoma Suspect | ERM |
| P30 | 72 | EMG | ERM/Myopic error |
| P31 | 80 | Glaucoma Suspect | ERM |
| P32 | 84 | Glaucoma Suspect | ERM |
| P33 | 82 | Glaucoma Suspect | Machine segmentation error |
| P34 | 58 | Glaucoma Suspect | Myopic error |
| P35 | 74 | EMG | Machine segmentation error |
| P36 | 63 | EMG | Machine segmentation error |
| P37 | 54 | Glaucoma Suspect | ERM |
| P38 | 82 | EMG | ERM |
| P39 | 73 | EMG | Signal strength <6/10 |

| | | | |
|-----|----|------------------|--------------------------------------|
| P40 | 61 | EMG | Macular schesis |
| P41 | 72 | EMG | ERM/Myopic error |
| P42 | 67 | Glaucoma Suspect | ERM/Myopic error |
| P43 | 57 | Glaucoma Suspect | ERM |
| P44 | 81 | Glaucoma Suspect | Floaters |
| P45 | 78 | Glaucoma Suspect | ERM |
| P46 | 77 | Glaucoma Suspect | ERM |
| P47 | 82 | EMG | Signal strength <6/10 |
| P48 | 68 | EMG | ERM |
| P49 | 80 | EMG | ERM |
| P50 | 71 | Glaucoma Suspect | ERM |
| P51 | 86 | Glaucoma Suspect | Signal strength <6/10 |
| P52 | 73 | EMG | Floaters |
| P53 | 74 | EMG | ERM |
| P54 | 65 | Glaucoma Suspect | Machine segmentation error |
| P55 | 68 | Glaucoma Suspect | ERM |
| P56 | 66 | Glaucoma Suspect | ERM |
| P57 | 68 | EMG | ERM |
| P58 | 80 | Glaucoma Suspect | ERM |
| P59 | 75 | EMG | Floaters |
| P60 | 72 | EMG | Macular schesis |
| P61 | 79 | Glaucoma Suspect | Signal strength <6/10 |
| P62 | 70 | EMG | Signal strength <6/10 |
| P63 | 73 | Glaucoma Suspect | Signal strength <6/10 |
| P64 | 69 | Glaucoma Suspect | Floaters |
| P65 | 61 | Glaucoma Suspect | ERM/Myopic error |
| P66 | 71 | EMG | ERM |
| P67 | 69 | EMG | ERM |
| P68 | 66 | Glaucoma Suspect | ERM |
| P69 | 70 | Glaucoma Suspect | Acquisition error |
| P70 | 70 | EMG | Signal strength <6/10 |
| P71 | 70 | Glaucoma Suspect | Vitreo-Macular interface abnormality |
| P72 | 81 | Glaucoma Suspect | ERM |
| P73 | 67 | Glaucoma Suspect | Machine segmentation error |
| P74 | 55 | Glaucoma Suspect | Signal strength <6/10 |
| P75 | 45 | EMG | ERM |
| P76 | 75 | EMG | AMD |
| P77 | 79 | Glaucoma Suspect | ERM |
| P78 | 79 | Glaucoma Suspect | Macular schesis |
| P79 | 59 | Glaucoma Suspect | ERM |
| P80 | 54 | EMG | Machine segmentation error |
| P81 | 74 | EMG | ERM |
| P82 | 75 | EMG | Floaters |
| P83 | 87 | EMG | Machine segmentation error |
| P84 | 81 | EMG | AMD |

| | | | |
|-----|----|------------------|-----------------------|
| P85 | 74 | Glaucoma Suspect | Signal strength <6/10 |
| P86 | 90 | EMG | ERM |
| P87 | 59 | Glaucoma Suspect | ERM |