

Supplemental Table 1. Inter-rater reliability of meiboscore assessment

| | Meiboscore | Kappa value (95% CI) | p-value |
|------------------------------|---------------------|-----------------------|---------|
| OCULUS Keratograph® 5M | Lower lid | 0.197 (0.036-0.358) | 0.005 |
| | Upper lid | 0.461 (0.315-0.610) | 0.001 |
| | Lower and upper lid | 0.209 (0.062-0.352) | 0.001 |
| Smartphone 1 (Samsung S9) | Lower lid | -0.061 (-0.205-0.070) | 0.357 |
| | Upper lid | 0.181 (0.05-0.35) | 0.007 |
| | Lower and upper lid | -0.007 (-0.102-0.087) | 0.896 |
| Smartphone 2 (iPhone XR) | Lower lid | 0.329 (0.122-0.522) | 0.001 |
| | Upper lid | 0.077 (0.013-0.168) | 0.085 |
| | Lower and upper lid | 0.334 (0.169-0.491) | 0.001 |

CI: Confidence Interval