

## APPENDIX

If the corneal astigmatism data point meets condition 1 and one of the conditions 2-3 then it was removed.

1. If corneal J0 > 1.75D or corneal J0 < -0.875D or  $\text{abs}(\text{corneal J45}) > 0.875\text{D}$ .
2. For corneal cylinder power, if the observation deviates from the mean (across all visits) by at least  $2 * 0.50\text{D}$  and 2SD (across-visit standard deviation away from the mean).
3. For corneal J0 and J45, if the observation deviates from the mean (across all visits) by at least  $2 * 0.25\text{D}$  and 2SD (across-visit standard deviation away from the mean).