Supplementary Figure S1

area A occupies 75% of the whole optic nerve transverse section (296200 pixels)

area B occupies 25% of the whole optic nerve transverse section (933500 pixels)

estimated damage: 15%  
estimated damage: 60%

Calculation of damage grade:

\[ 0.75 \times 15\% + 0.25 \times 60\% = 26.25\% \]

damage grade 3 (severe damage)