Supplementary Material I: Global Geographic Atrophy Growth Rate Metrics

In this study, we report values for three metrics of global geographic atrophy (GA) growth rate. The first two metrics, which are commonly reported in the literature, are the area growth rate \([\text{mm}^2/\text{year}]\) and the square-root-of-area growth rate \([\text{mm/year}]\),\(^1\) \(^2\) defined as:

\[
\text{Area Growth Rate} = \frac{\text{Visit 2 Lesion Area} - \text{Visit 1 Lesion Area}}{\text{Inter-Visit Time}}
\]

\[
\text{Square-Root-of-Area Growth Rate} = \frac{\sqrt{\text{Visit 2 Lesion Area}} - \sqrt{\text{Visit 1 Lesion Area}}}{\text{Inter-Visit Time}}
\]

The third metric is the effective radius growth rate \([\text{mm/year}]\), used in Shen et al.,\(^3\) which is related to the square-root-of-area growth rate by a factor of \(\sqrt{\pi}\):

\[
\text{Effective Radius Growth Rate} = \frac{\text{Square-Root-of-Area Growth Rate}}{\sqrt{\pi}}
\]

