

**Supplementary Table 1.** The number of sliced longitudinal CFPs having length from 2 to 5 in 2-year and 5-year prediction test dataset. Since we selected individuals having at least 5 longitudinal CFPs, all sliced longitudinal CFPs of length 2 to 5 generated from the same dataset have the same number of late AMD labels and non-late AMD labels.

	2-year prediction		5-year prediction	
	Labeled as late AMD	Labeled as non-late AMD	Labeled as late AMD	Labeled as non-late AMD
# of sliced longitudinal CFPs	41	702	41	701