



Supplementary Figure: Mean (and 95%CI) FCSRT score at baseline and at the 2-year follow-up according to RNFL value at baseline. Figure a: Delayed free recall score. Figure b: Delayed total recall score

FCSRT: *Free and Cued Selective Reminding Test*

95%CI: *Confidence Interval at 95%*

RNFL: *Retinal Nerve Fiber Layer*

Abnormal and normal RNFL thicknesses are provided by the Spectralis software: abnormal values (including outside normal limits (lowest 1% of the distribution) and borderline (bottom 1% to 5% of the distribution)); and within normal (above 5%) based on the age-matched comparison with an internal normative database of 201 healthy eyes of Caucasian patients. For each participant, the worse eye is considered here.

Supplementary table: Mean decline of cognitive performance between baseline and follow-up assessment, N=427.

Cognitive assessment tests	Mean difference score (follow-up score - baseline score)	95% CI of the mean difference	<i>p</i> *
MMSE, mean (SD)	-0.22	-0.40; -0.04	<i>0.015</i>
Isaacs' set test at 30", mean (SD)	-2.09	-2.72; -1.46	<i><.0001</i>
FCSRT, mean (SD)			
Score of <i>three free recalls</i>	-1.19	-1.78; -0.61	<i><.0001</i>
Score of <i>three free plus cued recalls</i>	-1.02	-1.39; -0.65	<i><.0001</i>
Score of <i>delayed free recall</i>	-0.55	-0.80; -0.30	<i><.0001</i>
Score of <i>delayed free plus cued recalls</i>	-0.25	-0.40; -0.10	<i>0.0009</i>

* Student t-test for paired data

SD: *Standard deviation*