

Supplementary Figure S1. Visualization of how an eye progressed to overall advanced age-related macular degeneration (AMD) using confirmation at 2 consecutive visits. The examples below are right eye only and taken directly from AREDS data. Some examples include eyes that i) did not progress to advanced AMD (eyes 1-4), ii) eyes with unconfirmed progression due to flip-flopping scales between advanced scales of 9-12 and non-advanced scales (eyes 5-7), and iii) eyes with confirmed progression based on having 2 consecutive visits with scale 9-12 (eyes 8-13). The circle icon is the visit where the eye was graded with advanced AMD but never confirmed. The white square is the visit where the eye was first graded with a severity scale indicating advanced AMD. The red square is the visit where the progression was confirmed based on having an advanced severity scale at 2 consecutive visits for progression to advanced AMD. In our analyses, eyes with unconfirmed and no progression were combined as the reference (REF) group, and compared to eyes with confirmed progression.

Example eye	Year of Study Visit													Progression Status													
	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5	12.0	Progressed to advanced AMD	Follow up time
1	4				5	5		5		8	6		8	8		8	8		8	8						NO	
2	2				2	4		4		5	4		2	4		5	4									NO	
3	6				5	7		6		4	3		5	6		8	4						8			NO	
4	5	7			6	7		2		7	4		6	8		3	4					4		8		NO	
5	4				11			4		4	1		2	1	4											NO	
6	2				2	9		4		4																NO	
7	4				11	3		3		5	3		4	4		4	4					4		6		NO	
8	7				11	6		8		9	8		8			9	9					9		9		YES	10
9	7				11	5		8		11	11		8	8		11	11					11		11		YES	5
10	6				5	9		5		9			10	10		10	10					10		10		YES	7
11	6	7			8	11		7		6		8	11	11		11	11					8				YES	8
12	7				9	8		10		10	10		10	10		10	10					10		10		YES	5
13	7	12			10	12		12		12	10		12	12		12	12					12		12		YES	2