

**S9 Table. Early AMD grading results comparing three grading systems.**

Shown are the number of subjects of 10% of the KORA study participants (n=278) in a pairwise comparison by early AMD status using three grading systems: the AREDS 9-step severity scale [1], the Clinical Classification [2], and the Three Continent AMD Consortium severity scale [3]. **A)** Comparing the AREDS 9-step severity scale to the Three Continent AMD Consortium severity scale. **B)** Comparing the AREDS 9-step severity scale to the Clinical Classification. **C)** Comparing the Three Continent AMD Consortium severity scale to the Clinical Classification.

<b>A</b>		<b>Three Continent AMD Consortium severity scale</b>		Total
		No AMD	Early AMD <sup>a</sup>	
<b>AREDS 9-step severity scale</b>	No AMD (AREDS step 1)	253	3	256
	Early AMD (AREDS steps 2-9)	7	15	22
Total		260	18	278

Abbreviations: AREDS = Age-Related Eye Disease Study;

<sup>a)</sup> Early AMD is defined as “mild early”+“moderate early”+“severe early” AMD following guidelines.[3]

<b>B</b>		<b>Clinical Classification</b>		Total
		No AMD <sup>a</sup>	Early AMD <sup>b</sup>	
<b>AREDS 9-step severity scale</b>	No AMD (AREDS step 1)	220	36	256
	Early AMD (AREDS steps 2-9)	5	17	22
Total		225	53	278

Abbreviations: AREDS = Age-Related Eye Disease Study;

<sup>a)</sup> No AMD is defined as “no apparent aging changes”+“normal aging changes” following guidelines.[2]

<sup>b)</sup> Early AMD is defined as “early”+“intermediate” AMD according to guidelines.[2]

<b>C</b>		<b>Clinical Classification</b>		Total
		No AMD <sup>a</sup>	Early AMD <sup>b</sup>	
<b>Three Continent AMD Consortium severity scale</b>	No AMD	225	35	260
	Early AMD <sup>c</sup>	0	18	18
Total		225	53	278

<sup>a)</sup> No AMD is defined as “no apparent aging changes”+“normal aging changes” following guidelines.[2]

<sup>b)</sup> Early AMD is defined as “early”+“intermediate” AMD according to guidelines.[2]

<sup>c)</sup> Early AMD is defined as “mild early”+“moderate early”+“severe early” AMD following guidelines.[3]

## References

1. Davis MD, Gangnon RE, Lee LY, Hubbard LD, Klein BE, Klein R, et al. The Age-Related Eye Disease Study severity scale for age-related macular degeneration: AREDS Report No. 17. *ArchOphthalmol.* 2005;123(11):1484-98.
2. Ferris FL, III, Wilkinson CP, Bird A, Chakravarthy U, Chew E, Csaky K, et al. Clinical classification of age-related macular degeneration. *Ophthalmology.* 2013;120(4):844-51. doi: S0161-6420(12)01055-X [pii];10.1016/j.ophtha.2012.10.036 [doi].
3. Klein R, Meuer SM, Myers CE, Buitendijk GH, Rochtchina E, Choudhury F, et al. Harmonizing the classification of age-related macular degeneration in the three-continent AMD consortium. *Ophthalmic Epidemiol.* 2014;21(1):14-23. doi: 10.3109/09286586.2013.867512 [doi].