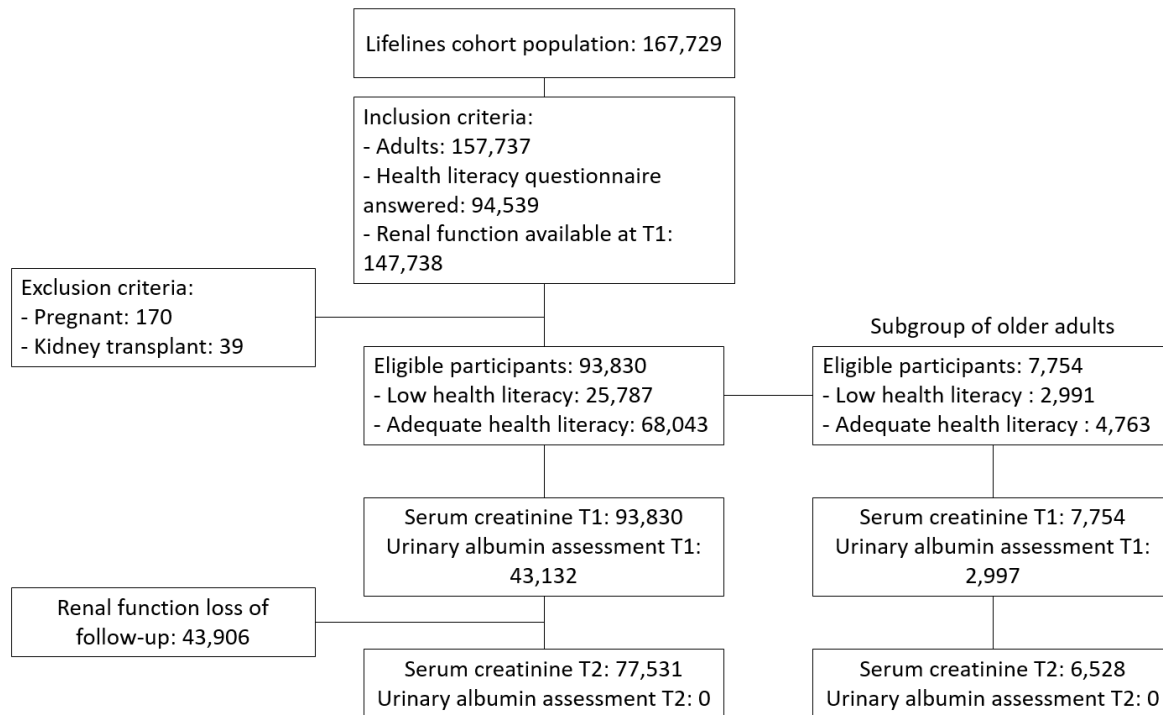


**Supplementary Appendix** for *Gurgel do Amaral M, Reijneveld S, Geboers B, Navis G, De Winter A: Low health literacy is associated with the onset of chronic kidney disease during the life course.*

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## Supplementary Appendix I



Supplementary Figure 1: Flow of participants in the study

## Supplementary Appendix II

### Sensitivity analyses

**Supplementary Table 1:** Association between low health literacy and the onset of CKD for participants with MMSE\* above 23

	Total sample				Subgroup of older adults			
	OR <sup>c</sup>	95% CI	P value	n	OR <sup>c</sup>	95% CI	P value	n
Crude model A <sup>a</sup>	1.44	1.31-1.59	<0.001	77,523	1.22	1.05-1.42	0.01	6,521
Adjusted model B <sup>b</sup>	1.06	0.94-1.19	0.37	63,760	1.26	1.05-1.51	0.02	5,085

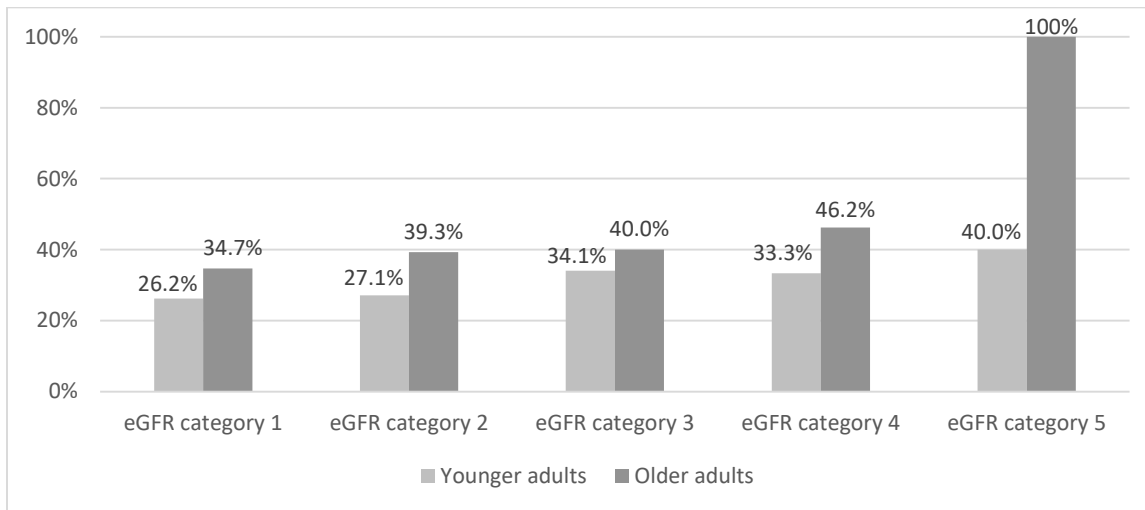
\* MMSE: Mini-Mental State Examination total score; <sup>a</sup> A is the model with only health literacy; <sup>b</sup> B is the model with health literacy and the confounders (age, sex, educational level, and income); <sup>c</sup> Values for health literacy considering adequate health literacy as the reference.

**Supplementary Table 2:** Association between low health literacy and the onset of CKD for participants without other renal conditions\*

	Total sample				Subgroup of older adults			
	OR <sup>c</sup>	95% CI	P value	n	OR <sup>c</sup>	95% CI	P value	n
Crude model A <sup>a</sup>	1.42	1.29-1.57	<0.001	76,246	1.20	1.03-1.36	0.02	6,339
Adjusted model B <sup>b</sup>	1.05	0.93-1.18	0.45	62,728	1.24	1.03-1.49	0.03	4,940

\* Other renal diseases are contracted kidney, hydronephrosis, narrowing of a renal artery, renal vessel balloon angioplasty, or kidney removal for donation or because of medical problems; <sup>a</sup> A is the model with only health literacy; <sup>b</sup> B is the model with health literacy and the confounders (age, sex, educational level, and income); <sup>c</sup> Values for health literacy considering adequate health literacy as the reference.

### Supplementary Appendix III



**Supplementary Figure 2:** Share of low health literacy across the different eGFR categories for adults below and above the age of 65