

Supplemental TABLE 1. Results of the Cox regression models: Derivation dataset.

	HR of predictors							C	p-value
	PES of A β -ADCRP	PES of ADCRP	FAQ	APOE (Ref.: no $\epsilon 4$ allele present)	MMSE	Age	Sex (Ref. = F)		
Amyloid PET model	3.12 [†]	-	-	-	-	1.05	1.09	0.79	1x10 ⁻⁸
¹⁸F-FDG PET model	-	2.86 [†]	-	-	-	1.00	1.14	0.76	8x10 ⁻⁸
Non-imaging model	-	-	2.31 [†]	1.63*	1.38	1.00	1.02	0.80	4x10 ⁻⁸
¹⁸F-FDG PET + Amyloid PET	2.66 [†]	2.49 [†]	-	-	-	1.01	1.07	0.84	2x10 ⁻¹²
Amyloid PET + non-imaging model	2.56 [†]	-	2.16 [†]	1.34	1.36	1.01	1.06	0.85	1x10 ⁻¹²
¹⁸F-FDG PET + non-imaging model	-	2.37 [†]	2.28 [†]	1.50	1.24	1.00	1.01	0.85	6x10 ⁻¹²
Amyloid PET + ¹⁸F-FDG PET + non-imaging model	2.34 [†]	2.22 [†]	2.16 [†]	1.26	1.24	1.01	1.04	0.87	6x10 ⁻¹⁵

HR, Hazard ratio. C, Harrell's concordance. F, female. * Significant predictor (p < 0.05). † Significant predictor (p < 0.001).