

Appendix e-1. Clinical and radiological characteristics and univariate associations with poor functional outcome at 6 months (mRS >2)

Variable	Poor outcome	OR (95% CI)	P value
Non-critical care	458 (61.2)	REF	
Critical care	56 (72.7)	1.69 (1.01-2.85)	0.047
Age (median [IQR])	78.3 [14.4]	1.05 (1.03-1.06)	<0.001
Female gender	257 (73.0)	2.27 (1.69-3.06)	<0.001
Male gender	257 (54.3)	REF	
GCS (median; [IQR])	15 [2]	0.63 (0.55-0.72) §	<0.001
ICH volume (ml; median; [IQR])	8.4 [20.1]	1.03 (1.02-1.04) ¶	<0.001
Intra-ventricular extension			<0.001
Presence	182 (74.3)	2.16 (1.55-3.00)	
Absence	332 (57.2)	REF	
ICH location			
Deep	251 (61.4)	REF	
Lobar	216 (62.1)	1.03 (0.77-1.38)	0.844
Infratentorial	47 (69.1)	1.41 (0.81-2.45)	0.223
Arterial Hypertension			0.003
Presence	365 (65.8)	1.56 (1.16-2.10)	
Absence	149 (55.2)	REF	
Diabetes mellitus			0.06
Presence	104 (68.9)	1.42 (0.98-2.08)	
Absence	410 (60.8)	REF	
Anticoagulant drug			0.011
Yes	230 (67.5)	1.46 (1.09-1.95)	
No	284 (58.7)	REF	
Pre-ICH mRS >2			<0.001

	Yes	102 (86.4)	4.56 (2.64-7.89)	
	No	412 (58.3)	REF	
	Neurosurgery			0.064
	Yes	20 (80.0)	2.48 (0.92-6.67)	
	No	494 (61.8)	REF	
	Blood Pressure lowering treatment			0.246
	Yes	115 (66.1)	1.23 (0.87-1.75)	
	No	399 (61.3)	REF	

* *per year increase*

§ *per point decrease*

§ *per ml increase*

GCS, Glasgow Coma Scale; ICH, intracranial hemorrhage; ITU, intensive treatment unit; mRS, modified Rankin Scale; OR, odds ratio; CI, confidence interval

Table e-2. Multivariable analysis for association between clinical and radiological variables and poor mRS (>2) at 6 months

	OR	95% Confidence Interval	P value
Critical Care	1.95	1.06-3.58	0.032
Age	1.04*	1.03-1.06	<0.001
Glasgow Coma Scale	0.74 [§]	0.64-0.85	<0.001
ICH volume	1.02 [©]	1.01-1.03	<0.001
Intra-ventricular extension	1.47	1.01-2.13	0.042
Female gender	1.86	1.33-2.59	<0.001
Arterial hypertension	1.26	0.89-1.78	0.183
Diabetes mellitus	1.39	0.89-1.78	0.144
Anticoagulant drug	1.04	0.74-1.47	0.803
Pre-ICH mRS >2	3.26	1.82-5.85	<0.001

* *per year increase*

[§] *per point decrease*

[©] *per ml increase*

GCS, Glasgow Coma Scale; ICH, intracranial hemorrhage; mRS, modified Rankin Scale; OR, odds ratio

Table e-3. Multivariable analysis for association between clinical and radiological variables and death at 6 months

	OR	95% Confidence Interval	P value
Critical Care	2.14	1.03-4.43	0.041
Age	1.09*	1.06-1.12	<0.001
Glasgow Coma Scale	0.77 [§]	0.70-0.86	<0.001
ICH volume	1.02 [¶]	1.01-1.03	<0.001
Intra-ventricular extension	1.65	1.04-2.61	0.032
Female gender	0.97	0.62-1.52	0.893
Arterial hypertension	1.39	0.85-2.30	0.191
Diabetes mellitus	1.14	0.65-1.98	0.648
Anticoagulant drug	1.60	1.02-2.49	0.040
Pre-ICH mRS >2	3.00	1.79-5.03	<0.001

* *per year increase*

[§] *per point decrease*

[¶] *per ml increase*

GCS, Glasgow Coma Scale; ICH, intracranial hemorrhage; mRS, modified Rankin Scale; OR, odds ratio