Supplementary Data

Variable	Mean/median value (±SD or IQR)			Mean/median value (±SD or IQR)		
	Alive	Dead	p value	Favorable	Unfavorable	p value
No. of patients	153	40		83	110	
Age (years)	45.3 (18.4)	59.5 (18.8)	**<0.0001**	42.6 (17.1)	52.5 (19.8)	**0.001**
Sex (no. male)	110	26	0.190	60	76	0.609
Admission GCS (total)	7 (3–10)	6 (3–10)	0.154	7 (5–12)	5 (3–9)	**0.002**
Admission GCS motor	4 (1–5)	3 (1–4)	0.031[a]	5 (3–5)	2 (1–5)	**<0.0001**
Admission pupil status	NS	NS	0.121	NS	NS	0.067
Hypoxia	18	9	0.095	12	15	0.878
Hypotension	15	6	0.383	8	13	0.621
Marshall CT grade	3 (2–6)	6 (3–6)	**0.002**	2 (2–6)	6 (2–6)	**0.002**
tSAH	116	29	0.362	58	87	0.065
Epidural hematoma	32	5	0.194	19	18	0.254
Length of recording (h)	152.0 (117.6)	102 (60.1)	**0.005**	137.6 (119.5)	144.6 (102.6)	0.220
Mean ICP (mm Hg)	13.9 (10.6)	24.9 (21.1)	**<0.0001**	14.4 (12.2)	17.5 (15.3)	0.114
Mean CPP (mm Hg)	70.6 (12.6)	61.0 (21.1)	0.010[a]	70.9 (14.1)	66.9 (15.8)	0.039[a]
Mean % time with ICP >20 mm Hg	13.4 (23.5)	39.2 (38.5)	**0.002**	14.0 (24.5)	22.3 (31.9)	0.329
Mean % time with ICP >22 mm Hg	9.8 (21.1)	34.0 (35.1)	**0.001**	10.4 (22.4)	18.1 (30.1)	0.288
Mean % time with PRx >0	49.6 (18.0)	68.3 (22.7)	**<0.0001**	49.0 (17.9)	56.9 (21.7)	0.013[a]
Mean % time with PRx >+0.25	28.6 (15.4)	28.5 (51.4)	**<0.0001**	28.4 (15.9)	37.1 (23.5)	0.012[a]
Mean % time with PRx >+0.35	21.7 (13.5)	44.9 (29.7)	**<0.0001**	21.7 (14.2)	30.2 (23.3)	0.019[a]

Note: All bolded *p* values are those <0.05 when comparing the variables between alive/dead and favorable/unfavorable outcome groups. Favorable = Glasgow Outcome Scale of 5–8; unfavorable = Glasgow Outcome Scale of 1–4; NS = no statistically significant difference for number of patients with bilaterally reactive, unilateral reactive, or bilaterally unreactive pupils between both alive/dead and favorable/unfavorable groups.

[a]Failed to reach threshold for statistical significance when correcting for multiple comparisons. Bolded values are those maintaining significance when accounting for multiple comparisons.

AMP, pulse amplitude of ICP; CPP, cerebral perfusion pressure; ICP, intracranial pressure; IQR, interquartile range; MAP, mean arterial pressure; mm Hg, millimeters of mercury; PRx, pressure reactivity index (correlation between ICP and MAP); SD, standard deviation; tSAH, traumatic subarachnoid hemorrhage.