

Supplementary Materials

Table 1. Complete blood counts and CT findings of patient groups based on 24-hour clinical outcome.

Variable		24-hour Clinical Outcome			
		Recovery (N=42)	Disability (N=121)	VS/D (N=32)	
CBC	WBC ($\times 10^3/\mu\text{L}$)	13.931 \pm 2.423	15.069 \pm 2.942	17.591 \pm 1.865	
	Neutrophil	9.371 \pm 3.051	11.847 \pm 3.111	13.653 \pm 1.884	
	Lymphocyte	2.862 \pm 0.610	2.188 \pm 0.535	1.328 \pm 0.380	
	NLR	3.6 \pm 2.4	5.8 \pm 2.2	10.8 \pm 2.5	
CT	Basal	Normal	27 (64.3%)	45 (37.2%)	8 (25%)
	Cisterns	Compressed	15 (35.7%)	52 (43%)	8 (25%)
		Absent	0	24 (19.8%)	16 (50%)
	Midline	≤ 5 mm	40 (95.2%)	32 (26.4%)	0 (0%)
	Shift	> 5 mm	2 (4.8%)	89 (73.6%)	32 (100%)
	Epidural	Present	14 (33.3%)	14 (11.6%)	12 (37.5%)
	Hematoma	Absent	28 (66.7%)	107 (88.4%)	20 (62.5%)
	SAH or	Present	10 (23.8%)	44 (36.4%)	25 (78.1%)
	IVH	Absent	32 (76.2%)	77 (63.6%)	7 (21.9%)
	Rotterdam Score	1	12 (28.6%)	0 (0%)	0 (0%)
		2	17 (40.5%)	21 (17.3%)	0 (0%)
		3	11 (26.2%)	39 (32.2%)	6 (18.7%)
		4	2 (4.8%)	36 (29.7%)	10 (31.2%)
5		0 (0%)	23 (19%)	9 (28.1%)	
6		0 (0%)	2 (1.6%)	7 (21.88%)	
	Cumulative	2.0 \pm 0.8	3.5 \pm 1.0	4.5 \pm 1.0	

Mean

CBC: complete blood count; CT: computed tomography; IVH: intraventricular hemorrhage; NLR: neutrophil-to-lymphocyte ratio; SAH: subarachnoid hemorrhage; VS/D: vegetative state or death; WBC: white blood cell.

Table 2. Complete blood counts and CT findings of patient groups based on 6-month clinical outcome.

Variable			6-month Clinical Outcome		
			Recovery (N=65)	Disability (N=65)	VS/D (N=65)
CBC	WBC (10³/μL)		12.891 ± 2.878	15.661 ± 1.798	17.161 ± 2.139
		Neutrophil	8.772 ± 2.860	12.411 ± 1.759	13.848 ± 2.220
		Lymphocyte	2.748 ± 0.600	2.231 ± 0.442	1.597 ± 0.532
		NLR	3.3 ± 2.0	5.7 ± 1.3	9.3 ± 2.6
CT	Basal Cisterns	Normal	52 (80%)	13 (20%)	15 (23.1%)
		Compressed	13 (20%)	38 (58.5%)	24 (36.9%)
		Absent	0	14 (21.5%)	26 (40%)
	Midline Shift	≤ 5 mm	54 (83.1%)	13 (20%)	5 (7.7%)
		> 5 mm	11 (16.9%)	52 (80%)	60 (92.3%)
	Epidural Hematoma	Present	12 (18.5%)	16 (24.6%)	12 (18.5%)
		Absent	53 (81.5%)	49 (75.4%)	53 (81.5%)
	SAH or IVH	Present	15 (23.1%)	21 (32.3%)	43 (66.2%)
Absent		50 (76.9%)	44 (67.7%)	22 (33.8%)	
Rotterdam	1	12 (18.5%)	0 (0%)	0 (0%)	

Score	2	24 (36.9%)	12 (18.5%)	2 (3.1%)
	3	27 (41.5%)	8 (12.3%)	21 (32.3%)
	4	2 (3.1%)	24 (36.9%)	22 (33.8%)
	5	0 (0%)	19 (29.2%)	13 (20%)
	6	0 (0%)	2 (3.1%)	7 (10.8%)
Cumulative Mean		2.2 ± 0.8	3.8 ± 1.1	4.0 ± 1.0

CBC: complete blood count; CT: computed tomography; IVH: intraventricular hemorrhage; NLR: neutrophil-to-lymphocyte ratio; SAH: subarachnoid hemorrhage; VS/D: vegetative state or death; WBC: white blood cell.

Table 3. Comparison of mean NLR and Rotterdam scores between patient groups based on 24-hour clinical outcome.

Indicator	24-hour Clinical Outcome						P-value
	Recovery (N=42)		Disability (N=121)		VS/D (N=32)		
	Mean	95% CI	Mean	95% CI	Mean	95% CI	
NLR	3.6 ± 2.4	(2.9, 4.4)	5.8 ± 2.2	(5.4, 6.2)	10.8 ± 2.5	(9.9, 11.7)	< 0.001
Rotterdam score	2.0 ± 0.8	(1.8, 2.3)	3.5 ± 1.0	(3.3, 3.7)	4.5 ± 1.0	(4.1, 4.9)	< 0.001

NLR: neutrophil-to-lymphocyte ratio; VS/D: vegetative state or death.

Table 9. Comparison of mean NLR and Rotterdam scores between patient groups based on 6-month clinical outcome.

Indicator	6-month Clinical Outcome		P-
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	Recovery (N=65)		Disability (N=65)		VS/D (N=65)		value
	Mean	95% CI	Mean	95% CI	Mean	95% CI	
NLR	3.3 ± 2.0	(2.8, 3.8)	5.7 ± 1.3	(5.4, 6.1)	9.3 ± 2.6	(8.7, 10.0)	< 0.001
Rotterdam score	2.2 ± 0.8	(2.0, 2.4)	3.8 ± 1.1	(3.5, 4.1)	4.0 ± 1.0	(3.7, 4.2)	< 0.001

NLR: neutrophil-to-lymphocyte ratio; VS/D: vegetative state or death.

Table 4. Prognostic accuracy of NLR and Rotterdam score at predicting 24-hour clinical outcome.

Predictor	Outcome		Cut-off Value	Sensitivity	Specificity	AUC
	Favorable (N=42)	Unfavorable (N=153)				
NLR	3.7 ± 2.5	6.9 ± 3.1	5.1	71%	84%	0.829
Rotterdam score	2.0±0.86	3.8±1.1	4.0	60%	95%	0.870

Table 5. Prognostic accuracy of NLR and Rotterdam score at predicting 6-month clinical outcome.

Predictor	Outcome		Cut-off Value	Sensitivity	Specificity	AUC
	Favorable (N=65)	Unfavorable (N=135)				
NLR	3.3 ± 2.0	7.6 ± 2.8	5.2	82%	91%	0.925
Rotterdam score	2.3±0.80	3.95±1.09	4.0	67%	97%	0.873