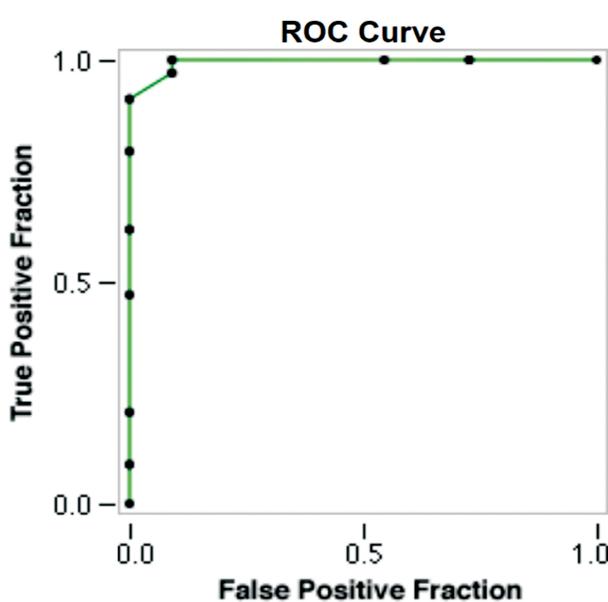


Supplementary Table S8 βAPP Scoring for brain stem (midbrain, pons, and medulla oblongata) in sTBI study patients

S.no.	Amount per field at 200x magnification	Midbrain			Pons			Medulla oblongata		
1	Granular changes	Case (n = 30)	Control (n = 10)	p-Value	Case (n = 34)	Control (n = 10)	p-Value	Case (n = 31)	Control (n = 10)	p-Value
2	Absent (0)	3 (10.0)	3(30)	0.40	3 (8.8)	2(20)	0.002*	5 (16.1)	3(30)	0.002*
	1 to 5 (1)	10 (33.3)	4(40)		9 (26.5)	8(80)		6 (19.4)	7(70)	
	6 to 20 (2)	14 (46.7)	3(30)		14 (41.2)	0(0)		12 (38.7)	0 (0)	
	>20 (3)	3 (10.0)	0(0)		8 (23.5)	0(0)		8 (25.8)	0 (0)	
3	Retraction bulb									
	Absent (0)	16 (53.3)	9(90)	0.06*	9 (26.5)	10(100)	<0.001*	14 (45.2)	10(100)	0.002*
	Present (1)	14 (46.7)	1(10)		25 (73.5)	0(0)		17 (54.8)	0(0)	
4	Granular bands									
	Absent (0)	15 (50)	10(100)	0.006*	12 (35.29)	10(100)	0.001*	20 (64.5)	10(100)	0.07*
	Present (2)	15 (50)	0(0)		22 (64.71)	0(0)		11 (35.5)	0(0)	
5	Non granular bands									
	Absent (0)	15 (50)	10(100)	0.006*	16 (47)	10(100)	0.003*	16 (51.6)	10(100)	0.007*
	Present (1)	15 (50)	0(0)		18 (53)	0(0)		15 (48.4)	0(0)	

Abbreviations: non-TBI, other than head injury, TBI, traumatic brain injury.

*Significant p-Values.



Supplementary Fig. S1 AUC analysis of the novel classification.