

Individual and pooled kappa statistics for each CT finding.

Finding	Pooled κ	Individual κ	Reader 3	Reader 2
	vs. reference	vs. reference		
Scalene muscle edema/enlargement	0.84			
Reader 1		0.70	0.59	0.49
Reader 2		0.79	0.71	***
Reader 3		0.76	***	***
Interscalene fat pad effacement	0.84			
Reader 1		0.72	0.66	0.64
Reader 2		0.69	0.74	***
Reader 3		0.79	***	***
First rib fracture	0.90			
Reader 1		0.97	0.84	0.84
Reader 2		0.87	0.93	***
Reader 3		0.87	***	***
Cervical lateral mass/transverse process fracture	0.94			
Reader 1		0.97	0.69	0.86
Reader 2		0.88	0.71	***
Reader 3		0.71	***	***
Extra-axial spinal canal hemorrhage	0.77			
Reader 1		0.65	0.59	0.65
Reader 2		0.66	0.71	***
Reader 3		0.94	***	***

Finding	Pooled κ vs. reference	Individual κ vs. reference	Reader 3	Reader 2
Spinal cord eccentricity	0.79			
Reader 1		0.59	0.59	0.52
Reader 2		0.48	0.48	***
Reader 3		0.79	***	***

κ = kappa; reference = reference standard findings

$p < 0.001$ for all values.

$\kappa < 0.000$, poor; $\kappa = 0.000 - 0.200$, slight; $\kappa = 0.201 - 0.400$, fair; $\kappa = 0.401 - 0.600$, moderate; $\kappa = 0.601 - 0.800$, substantial; $\kappa = 0.801 - 1.000$, almost perfect.

Bolded individual kappa statistics for each finding represent the reader pair with the highest degree of agreement.

Reader 1 = PGY-5 Radiology Resident; Reader 2 and 3 = Neuroradiologists