Study	ES (95% CI)	n/N
<60		
ANTONI_2019	0.0185 (0.0023, 0.0653)	2 / 108
CHENOWETH_2018	0.0000 (0.0000, 0.0192)	0 / 190
GALLIAZZO_2019	0.0153 (0.0019, 0.0541)	2 / 131
GANETSKY_2017	0.0016 (0.0000, 0.0087)	1 / 637
HILL_2018	0.0329 (0.0133, 0.0665)	7 / 213
HUANG_2019	0.0252 (0.0052, 0.0719)	3 / 119
NISHIJIMA_2012	0.0000 (0.0000, 0.0153)	0 / 239
PECK_2011	0.0000 (0.0000, 0.0352)	0 / 103
STANITSAS_2016	0.0000 (0.0000, 0.0881)	0 / 40
SWAP_2016	0.0231 (0.0085, 0.0495)	6 / 260
TAYLOR_2012	0.0000 (0.0000, 0.0425)	0 / 85
Subtotal	0.0064 (0.0007, 0.0157)	
>=60		
BATTLE_2017	0.0227 (0.0006, 0.1202)	1 / 44
ERNSTBRUNNER_2016	0.0105 (0.0029, 0.0266)	4 / 382
MANN_2018	0.0000 (0.0000, 0.0318)	0 / 114
SCANTLING_2017	0.0121 (0.0015, 0.0431)	2 / 165
TAUBER_2009	0.0400 (0.0110, 0.0993)	4 / 100
Subtotal	0.0109 (0.0018, 0.0252)	
Overall	0.0077 (0.0023, 0.0152)	

Figure A. It represents random effect meta-analysis results for the primary outcome considering age subgroup with age cut-off at 60 years. Legend, ES (95% CI): estimated mean value and 95% confidence interval; n/N: number of events/number of patients; ≥ 60 yo: included only studies enrolling patients older than 60 yo; < 60 yo: includes only studies enrolling any patients without any age restriction.
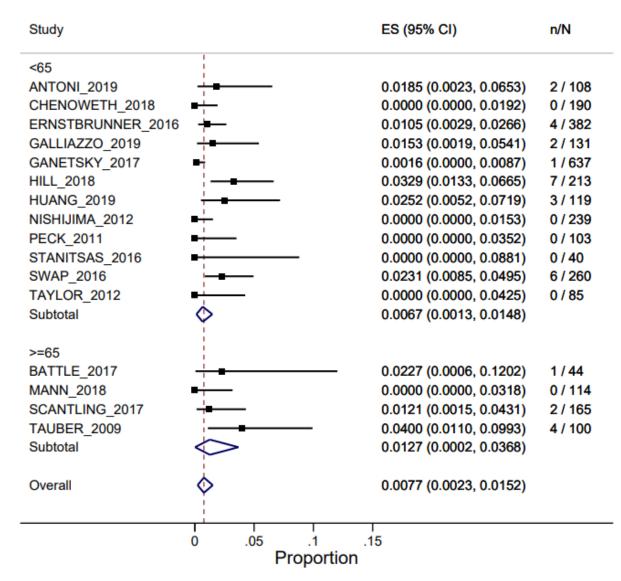
Study		ES (95% CI)	n/N
<65			
ANTONI_2019		0.0185 (0.0023, 0.0653)	2 / 108
CHENOWETH_2018		0.0000 (0.0000, 0.0192)	0 / 190
ERNSTBRUNNER_2016		0.0105 (0.0029, 0.0266)	4 / 382
GALLIAZZO_2019		0.0153 (0.0019, 0.0541)	2 / 131
GANETSKY_2017		0.0016 (0.0000, 0.0087)	1 / 637
HILL_2018		0.0329 (0.0133, 0.0665)	7 / 213
HUANG_2019		0.0252 (0.0052, 0.0719)	3 / 119
NISHIJIMA_2012		0.0000 (0.0000, 0.0153)	0 / 239
PECK_2011		0.0000 (0.0000, 0.0352)	0 / 103
STANITSAS_2016		0.0000 (0.0000, 0.0881)	0 / 40
SWAP_2016		0.0231 (0.0085, 0.0495)	6 / 260
TAYLOR_2012		0.0000 (0.0000, 0.0425)	0 / 85
Subtotal		0.0067 (0.0013, 0.0148)	
>=65			
BATTLE_2017		0.0227 (0.0006, 0.1202)	1 / 44
MANN_2018		0.0000 (0.0000, 0.0318)	0 / 114
SCANTLING_2017		0.0121 (0.0015, 0.0431)	2 / 165
TAUBER_2009		0.0400 (0.0110, 0.0993)	4 / 100
Subtotal		0.0127 (0.0002, 0.0368)	
Overall		0.0077 (0.0023, 0.0152)	

Proportion

Figure B. It represents random effect meta-analysis results for the primary outcome considering age subgroup with age cut-off at 65 years. Legend, ES (95% CI): estimated mean value and 95% confidence interval; n/N: number of events/number of patients; ≥ 65 yo: included only studies enrolling patients older than 65 yo; < 65 yo: includes only studies enrolling any patients without any age restriction.
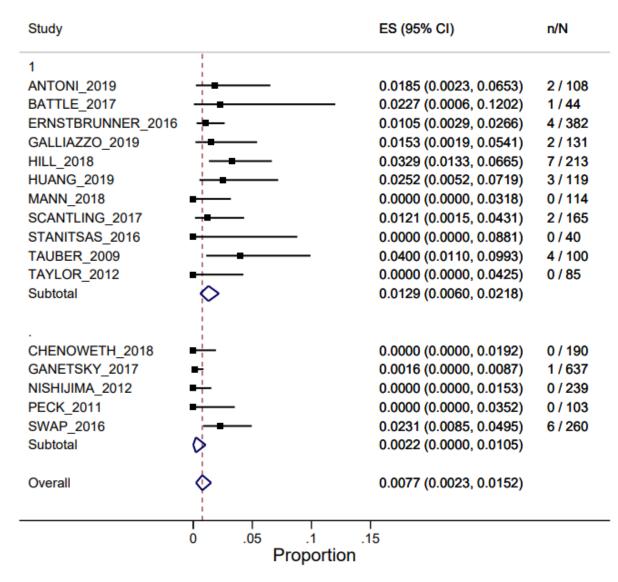
Study		ES (95% CI)	n/N
1			
ANTONI_2019		0.0185 (0.0023, 0.0653)	2 / 108
BATTLE_2017		0.0227 (0.0006, 0.1202)	1 / 44
ERNSTBRUNNER_2016		0.0105 (0.0029, 0.0266)	4 / 382
GALLIAZZO_2019		0.0153 (0.0019, 0.0541)	2 / 131
HILL_2018		0.0329 (0.0133, 0.0665)	7 / 213
HUANG_2019		0.0252 (0.0052, 0.0719)	3 / 119
MANN_2018		0.0000 (0.0000, 0.0318)	0 / 114
SCANTLING_2017		0.0121 (0.0015, 0.0431)	2 / 165
STANITSAS_2016		0.0000 (0.0000, 0.0881)	0 / 40
TAUBER_2009		0.0400 (0.0110, 0.0993)	4 / 100
TAYLOR_2012		0.0000 (0.0000, 0.0425)	0 / 85
Subtotal		0.0129 (0.0060, 0.0218)	
.			
CHENOWETH_2018		0.0000 (0.0000, 0.0192)	0 / 190
GANETSKY_2017		0.0016 (0.0000, 0.0087)	1 / 637
NISHIJIMA_2012		0.0000 (0.0000, 0.0153)	0 / 239
PECK_2011		0.0000 (0.0000, 0.0352)	0 / 103
SWAP_2016		0.0231 (0.0085, 0.0495)	6 / 260
Subtotal		0.0022 (0.0000, 0.0105)	
Overall		0.0077 (0.0023, 0.0152)	

Figure C. It represents random effect meta-analysis results for the primary outcome considering subgroups by mean of outcome assessment. Legend, ES (95% CI): estimated mean value and 95% confidence interval; n/N: number of events/number of patients; 1= CT scan outcome detection subgroup; 0= follow-up outcome detection subgroup.
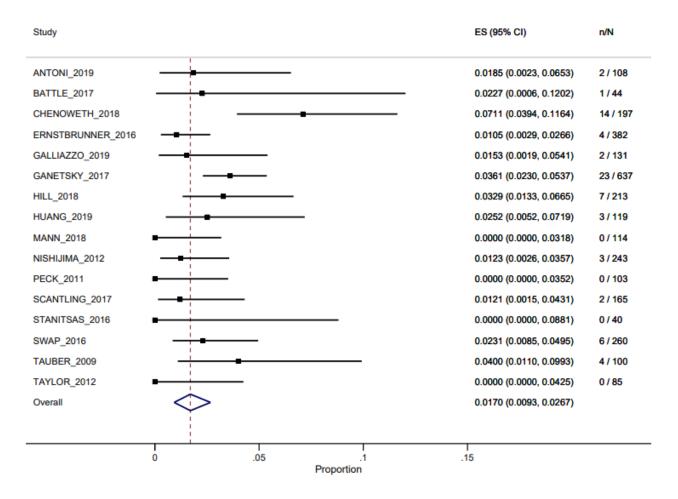
Figure D. It represents random effect meta-analysis results considering loss at follow-up or unexplained death as events. Legend, ES (95% CI): estimated mean value and 95% confidence interval; n/N: number of events/number of patients.
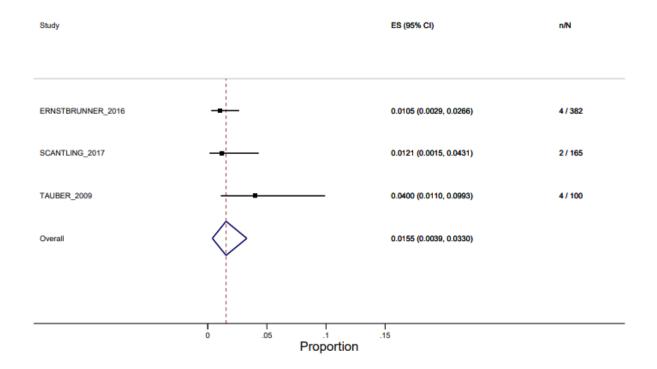
Figure E. It represents random effect meta-analysis results for the primary outcome considering mild-traumatic brain injury subgroup defined as traumatic brain injury with a presentations GCS > 13. Legend, GCS: Glasgow coma scale; ES (95% CI): estimated mean value and 95% confidence interval; n/N: number of events/number of patients.