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Supplementary Material

LIST OF SUPPLEMENTARY MATERIAL FOR THE ARTICLE

DISCLAIMER

Supplementary Table 1. Baseline optimal cut-off scores of CAPS-5 and probabilities of post-traumatic stress disorder (PTSD) later.

Diagnosed as having PTSD at	AUROC	≥14		≥15		≥16	
		Sensitivity	Specificity	Sensitivity	Specificity	Sensitivity	Specificity
3 month (N=1047)	0.854	80.2%	74.3%	80.2%	77.3%	77.9%	79.2%
6 month (N=1014)	0.791	75.6%	73.1%	75.6%	77.0%	69.9%	79.0%
12 month (N=971)	0.779	73.9%	73.7%	73.9%	76.9%	67.4%	78.5%
24 month (N=918)	0.767	74.3%	73.6%	72.9%	76.7%	65.7%	78.5%

CAPS-5: Clinician-administered PTSD Scale for Diagnostic and Statistical Manual of mental disorders, 5th edition (DSM-V); AUROC: area under receiver operating curve.

Supplementary Table 2. Baseline optimal cut-off scores of CAPS-5 and probabilities of post-traumatic stress disorder (PTSD) later by injury types.

Injury type	Diagnosed as having PTSD at	AUROC	≥14		≥15		≥16	
			Sensitivity	Specificity	Sensitivity	Specificity	Sensitivity	Specificity
Unintentional	3 month (N=954)	0.855	80.3%	74.9%	80.3%	77.8%	77.6%	79.6%
	6 month (N=925)	0.785	72.3%	74.5%	70.8%	77.3%	67.7%	79.2%
	12 month (N=885)	0.776	73.2%	74.2%	73.2%	77.1%	65.9%	78.8%
	24 month (N=834)	0.738	69.0%	71.8%	69.0%	73.8%	65.5%	76.7%
Intentional	3 month (N=93)	0.824	80.0%	67.5%	80.0%	72.3%	80.0%	74.7%
	6 month (N=89)	0.824	87.5%	69.1%	87.5%	74.1%	87.5%	76.5%
	12 month (N=86)	0.783	80.0%	69.1%	80.0%	74.1%	80.4%	75.3%
	24 month (N=84)	0.891	100%	71.8%	100%	76.9%	100%	78.2%

CAPS-5: Clinician-administered PTSD Scale for Diagnostic and Statistical Manual of mental disorders, 5th edition (DSM-V); AUROC: area under receiver operating curve.

Supplementary Table 3. Baseline optimal cut-off scores of CAPS-5 and probabilities of post-traumatic stress disorder (PTSD) later by previous trauma.

Previous trauma	Diagnosed as having PTSD at	AUROC	≥14		≥15		≥16	
			Sensitivity	Specificity	Sensitivity	Specificity	Sensitivity	Specificity
Absent	3 month (N=1000)	0.848	79.5%	74.4%	79.5%	77.5%	76.7%	79.3%
	6 month (N=968)	0.785	71.7%	74.1%	70.0%	77.1%	66.7%	79.0%
	12 month (N=927)	0.768	71.1%	74.0%	71.1%	77.2%	63.2%	78.7%
	24 month (N=878)	0.765	72.4%	71.8%	72.4%	73.9%	69.0%	76.9%
Present	3 month (N=47)	0.891	84.6%	73.5%	84.6%	76.5%	84.6%	79.4%
	6 month (N=46)	0.829	84.6%	72.7%	84.6%	75.8%	84.6%	78.8%
	12 month (N=44)	0.826	87.5%	69.4%	87.5%	72.2%	87.5%	75.0%
	24 month (N=40)	0.760	83.3%	67.6%	83.3%	70.6%	83.3%	73.5%

CAPS-5: Clinician-administered PTSD Scale for Diagnostic and Statistical Manual of mental disorders, 5th edition (DSM-V); AUROC: area under receiver operating curve.