

Table S1: Sample characteristics

	Firefighters (n = 116) M (SD)
Age	34.78 (10.39)
Educational level (years of schooling)	12.34 (2.97)
Experience (years of service as a firefighter) ^a	11 (9.75)
	n (%)
Firefighter status	
Professional	57 (43.1)
Volunteer	59 (50.9)
Gender	
Female	29 (25)
Male	87 (75)
Marital status	
Single	65 (56)
Married/partnered	36 (31)
Divorced	14 (12.1)
Widowed	1 (0.9)
Exposure to PTE	
Death of family member	50 (43.1)
Death of a friend	43 (37.1)
Accident or illness	15 (12.9)
Accident or illness of a friend or family member	40 (34.5)
Work accident requiring medical care	55 (47.4)
Work accident requiring hospitalization	39 (33.6)
Prevalence rates	
PTSD symptoms	12.32 (12.7)
SSD symptoms	4.47 (3.9)

^a 3 missing data

Table S2. Results of PCA: factor loadings of the 1-factor model and communalities

Variables	F1	h^2
DASS-21 depression	.879	.772
DASS-21 anxiety	.819	.671
DASS-21 stress	.845	.714
BSI somatization	.846	.715
BSI obsession-compulsion	.852	.725
BSI interpersonal sensitivity	.885	.784
BSI depression	.904	.818
BSI hostility	.730	.533
BSI anxiety	.918	.843
BSI phobic anxiety	.646	.418
BSI paranoid ideation	.810	.655
BSI psychoticism	.879	.773

F1 – Psychopathology (70.17% of Variance)

Table S3. Pearson correlations

Variable	1	2	3	4	5	6	7	8
1. Gender	-							
2. Age	-.037	-						
3. Firefighter status	-.231*	-.038	-					
4. Work experience	.130	.724**	-.209*	-				
5. SSD	-.344**	-.038	-.052	.057	-			
6. PTSD	-.094	.035	-.072	.044	.606**	-		
7. Psychopathologies	-.290**	.022	.112	-.050	.632**	.760**	-	
8. PTE	.084	-.083	.154	.054	.274**	.285**	.226*	-

* $p < .05$. ** $p < .01$.