

for this specific role for 8 hours per day for a period of six months. There were a total of 9 squadrons of policewomen on duty during the study period. Each squadron contains about 80 to 90 policewomen. Three of these squadrons were randomly selected to receive this survey We did not recruit male police officers because it was outside the scope of the larger study of which this study is a part. Study procedures were explained in detail to all the policewomen in the three selected squadrons, and those who provided written informed consent were included in the study. In total, 260 policewomen were invited to participate, and 245(94.5%) of them agreed to take part in this study. Of these, 240 policewomen completed all of the study measures. All participants were asked to complete a set of selfadministered questionnaires in a designated room, and then return the completed questionnaires to an on-site research assistant. Thirty-six participants were randomly selected to complete all the questionnaires again two weeks after the initial testing.

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Perceived Stress Scale-10 (**PSS-10**). The PSS-10 [10] measures the degree to which one perceives aspects of one's life as uncontrollable, unpredictable, and overloading. Participants are asked to respond to each question on a 5-point Likert scale ranging from 0 (never) to 4 (very often), indicating how often they have felt or thought a certain way within the past month. Scores can range from 0 to 40, with higher composite scores indicative of greater perceived stress. The PSS-10 has demonstrated good reliability and validity, with Cronbach's alphas ranging from 0.78 to 0.91 and test-retest reliability coefficients ranging from 0.55 to 0.85 [9,10,20].

The PSS-10 was translated from the original English version into Simplified Chinese by two native Chinese-speaking psychiatrists working independently of each other and, in a second step, they agreed on a final common translation. After that, the

Tabe 1. E plo a o fac o anal i and eliabilis coefficiens of PSS-10 (n = 120).

PSS I e ,	Fac adi g	
	Fac 1	Fac 2
1. In a he la a monah, ho √of en ha e o been pos beca e of omoshingaha happened ne peosedl?	0.74	0.12
2. In she las monsh, ho vost en ha e o nableso consolshe imposansshing in o life?	0.76	0.20
3. In≱hela≱monsh, ho√ofen ha eofelsne o and 'seed'?	0.83	0.17
4. In she las monsh, ho vos en ha e o confidens abos o abils so handle o pe onal poblem?	0.24	0.77
5. In she las monsh, ho vlosen ha e o felshashing veegoing o va?	0.13	0.75
6. In a he la a monah, ho vosten ha e o fondaha o cold noa cope 💰 hallaheahing a hao o hada o do?	0.77	0.16
7. In a he la a monah, ho vosten ha e o been ablea o cona ol i sasion in o life?	0.09	0.76
8. In she las monsh, ho vosten ha e o felshas o vee on sop of shing?	0.38	0.72
9. In she las monsh, ho vos en hae o been ange ed beca e of shing shas vee o side of o consol?	0.75	0.25
10. In àhe la àmonah, ho vos en ha e o feli diffic la le ve e piling pohigh àha o cold noa o e come àhem?	0.74	0.26
Eige, a e	4.76	1.48
% , a ia, ce	47.61	14.80
C , bach', a ha c efficie	0.87	0.77

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reliability of the PSS-10 was 0.86 for the whole scale, 0.87 fothe community sample after 6 weeks [9]. Factor 1, and 0.77 for Factor 2. The two-week test-retest reliability Previous studies have shown that the PSS-10 has concurrent of the PSS-10 was 0.68 for the whole scale, 0.72 for Factor 1, anyalidity with a number of other measures including the State Trait 0.63 for Factor 2.

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calculated (Table 2). As expected, both the latter scales correlated=0.58 for BAI and 0.67 for BDI; p<0.001), and thus the from 0.36 to 0.67.

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psychometric properties.

The overall Cronbach's alpha of the Simplified Chinese version of variance respectively. Concerning item loadings, item 8 had high PSS-10 was 0.86 in this sample. This value is in accord with finding sadings ≯0.3) on the other factors in the present study. Similar from other studies of different language versions, where reliabilityesults have been reported in other studies [15]. The CFA

Tab e 2. Co ela ion of PSS-10 o dep e ion (BDI-II) and an ie (BAI).

		_		
	PSS (a)	Fac 1	Fac 2	BDI-II
Faco 1	0.93			
Faso 2	0.76	0.47		
BDI-II	0.67	0.63	0.49	
BAI	0.58	0.59	0.36	0.72

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acceptable when compared with the original findings that the test-Cronbach's alpha for assessing the internal consistence test reliability was 0.85 in the college sample after 2 days and 0.55 in

Anxiety Inventory (STAI) and the Beck Depression Inventory (BDI) [15,26]. In the current study, the Simplified Chinese version of PSS-10 was also found to be significantly and moderately Correlations between the PSS, the BDI-II, and the BAI were positively correlated with measures of anxiety and depression positively with the PSS. The correlation coefficient between the construct validity of this scale was confirmed. These results also factors and total score of C-PSS-10 and other two scales rangendicate that psychological stress is associated with mental health issues.

With regard to the PSS-19 factor structure, researchers have found that it has 2 related latent factors [10,14,15,25], representing positive and negative feelings. In the present study, the EFA To the authors' knowledge, this is the first study designed toyielded the same result as those found in other language versions evaluate the reliability and validity of the Simplified Chinese [10,14,15]. In Cohen's original analysis, two factors yielded version of the PSS-10 scale. Overall, the psychometric dateigenvalues of 3.4 and 1.4, which accounted for 48.9% and 14.5% presented in this study support the conclusion that the Simplifie of the variance respectively [10]. In the present study, the Chinese version of the PSS-10 (C-PSS-10) has adequa@mplified Chinese version of the PSS-10 yielded eigenvalues of 4.76 and 1.48, and accounted for 47.61% and 14.80% of the

coefficients ranged from 0.78-0.91 [10,11,12,13,14,15,20,25]. The demonstrated a relatively better goodness-of-fit for the two-factor two-week test-retest reliability of C-PSS-10 was 0.68, which isolution model for the Simplified Chinese version compared to the original version, which found that the PSS-10 revealed an adequate two-factor solution: goodness of fit index = 0.926, Root Mean Square Residual = 0.039, Comparative Fit Index = 0.931 [10]. Although we confirmed the two-factor model of PSS-10, we do not recommend using two separate sub-scales clinically. The PSS-10s authors suggested that any distinction between these factors is irrelevant [10], and another study also suggested to use the full scale as a whole to evaluate perceived stress level [14].

> There are several limitations to this study that should be noted. First, police have a very special occupation, which is full of stressful events in daily work. We can see this stress in our data because the sample's average score on the C-PSS-10 was relatively high compared to the community residents used in the original norms

[10]. Additionally, we recruited only female police officers in this study, and all the participants were relatively young. Thus, the characteristics of this sample may limit its generalizability of the results to other populations. However, it is worth noting that according to studies of the English version, the PSS is not a specific-population- dependent instrument. Similar psychometric properties have been found across a variety of different sub-populations in different locations [10,20,27]. The Traditional Chinese version of PSS has also been found to have similar psychometric properties in two different sub-groups in Hong Kong [11,28]. Therefore, on the basis of these findings we expect that