#### a o S rra L o a Co ta, at, o tco a ot: R t fro ar-aff ct a o t a t

#### MANASI SHARMA, SHOSHANNA L. FINE, ROBERT T. BRENNAN,

bt to at x o t (b ta , at of at t(), ot / jt o o t t at) a to o to . W for co t t a ocat t o t t at a o att a o tt a at t to b, a or at T 3, a<sup>h</sup> to <sup>h</sup> o c of bt at of at t() t t at at t to o to to abo<sup>h</sup>. A toac, co a a ocat t, t t T 3 b, a or, t a a o a c co<sup>h</sup> a a ocat t o t at a t t o to abo<sup>h</sup>. A toac, co a a ocat t, t t T 3 <sup>h</sup> ta <sup>h</sup>, t a a t t a to to ot factor for a a t / to oca b, a or . A o a c co<sup>h</sup> a b a to <sup>h</sup> ta <sup>h</sup>, t a a t t to ot factor for a a t / to oca b, a or at f t to cato for a t t a t t to for ot t to for ot t t at a t t to for ot t t to to for t t t to for ot t t t to for t t t to for t t t to for t t to for t to for t to for t t t to for t t t to for t t t to for t t t to for t to for t to for t t t to for t t t to for t to f

C arra a t, W t Afr ca co tr of S rra L o for 11 ar b t f991 a 2002, t, a t at 48,000 U t<sup>h</sup> Frot (McKa & Ma ra a, 2004).<sup>h</sup> Ma of t ot, r ot oct at tot, f, t for r, a r or r a t r r r c of art r at h or txtr à a act, c , ca ab , x -a ab , a tort r (B ta co rt, Br a , R b - S t<sub>e</sub>) ca ab , x -**Pet** a fc, & G a, 2010). Yo t, f force to  $\int f^{k}$ or f to o, ab f, a h f t at fa, a oa ot, f at f, a t t rolo a rolo h c. t, at of c, t a a o c t o tco f ct t-, at of c, t a a o c t o tco f ct t-t , c , rat of t o, ax t, a o t-tra at c tr t acto (B ta co rt, A -B a, G a, , 2010; B to co t B r a t a... 2010; W a , & E , 2010; B ta co rt, Br a , t a ., 2010;

W a , & E , 2010, B ta co it, B a , t a , 2010, D t , M , & Bro a t, 2009; T, t at ff ct of x o t to a t ta a, a a ro-fo<sup>h</sup> act o t, for ato of t, t tt <sup>h</sup>tr ct t, a a t co c, a , t o a<sup>h</sup>t c, a ract t tc , a oc as ato roc <sup>h</sup>(S, a , 2003). T, <sup>h</sup> o ta -c, o at, o o fra or <sup>h</sup> t arc, <sup>h</sup> t to o b o <sup>h</sup> t o a t arc, <sup>h</sup> t to o b o <sup>h</sup> t o a t arc, <sup>h</sup> t to o b o to o , a xa t ro of at a o rat<sup>h</sup> c, a t at f ctt a c a f c roca t f a b t <sup>h</sup> t o t a t  $r^{h}$  t fac t o tco f ct ro -t (C cc, tt, 2006; C cc, tt & Co, , 1995; C & Va t o, 2015; Ma t & Nara a , 2012).

# **Conceptualizing Resilience: A Process-Oriented** Approach

I tat t<sub>e</sub> tro ta, at, ff ct of arxr c,  $t^{h}$  t f ar  $t^{h}$  r ar t crtca ro of rot ct factor, c co, oca CC . .  $(\mathbf{D} | 1$ 

cotxt. It a tfact to o cot to cotxt a factor a to that for the form of the fo

# Theoretical Perspectives on Stress and Coping

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to b t as x of a of the tail at x of the tail at x of the tail at x other tails <sup>h</sup>ot, cotxt, a, ot, at a oat co afta at<sup>h</sup>t, <sup>h</sup>a oc at obt cat trat t co tro ab tr or a b t ta, at o tco, c, a r to o o b (Ma, O troff, W, Gra a, & Fox, 2005; Ra b r t a., 2005; Ta or & Sta to , 2007). Proc -or t r arc, x or at co c, a ca r a x  $a^{h}$  ator attr of o a a t  $a^{h}$  a a a t r-o to artra a o a a f t ot or t (C cc, tt, 2006; C cc, tt & Co, , 1995).  $\vec{D}$  o (2010)  $\vec{n}$  - t,  $t^{n}$  t,  $t^{n}$  at-aff ct c, -t S traL o a fo t t, t, o  $c\vec{n}$  t o r or tretr, co<sup>h</sup>c a ta ct corofarx rc, a rara coct corror arx r c, a rara co-t r t a . T, a t or , a ra ra co -t r t a . T, a t or , a ra ra co -t r t a . T, a t or , a ra ra co -t r t a . T, a t or , a ra ra co -t r t a . T, a t or , a ra ra co -t r t a . T, a t or , a ra ra co -t r t a . T, a t or , a ra ra co -t r t a . T, a t or , a ra ra co -t r t a . T, a t or , a ra ra co -t r t a . T, a t or , a ra ra co -t r t a . T, a t or , a ra ra co -t r t a . T, a t or , o t r o -t c, r a oc at -t r t a . T, t a ra co -t r t a co -t r t a . T ra co -t r t ra co -t r t a . T ra co -t r t ra t o -t r t r t  $\hat{a}$  (B ta co *r*t t a., 2008; UNICEF, 2007). To a *r* t, a, or roct ot a t of ar-aff ct Öt, SraLoba 2002, at aftrt,  $a_{\ell}$ ,  $a_{\ell}$ , a a for T3, t, Har ar T. H. C, a Sc, oo of P b c H a t, a ro rotoco.

### Measures

A c, a a t, a a tato of t, f batt f a  $rotoco^{h}$  to f t, at t, f c t ra a t ca a rot f at (Ac, bac, h & R cor a, 2006; Ca o & A f a, 2008). T, h, o f h a f t ca f oca f or c t ra a at fro x t a f , t, ro , h h Mental health. Of t xa ta, at, o tco at T3, b t a o c ta, at,  $a^{h} r^{h}$  at T1 a T2 a a tor r co tro  $t_{c}^{h} r^{h} r^{2}$  o o . M ta, at, a r r a  $t_{c}^{h} r^{n}$  a c o ttra at tr to , a a  $t^{h} r^{h}$  co ca b, a or, t r as b, a or, a xt r as b,  $a^{h}$  or. T, Ox for M a r of P c, o oca A j t t a o

Table 4.	Correlation	among	main	study	variables

	1	2	3	4	5	6	7	8	9	10	11
Dora, carab											
1. A at <sup>a</sup> Wa 3	1.00										
2. G <i>t</i>	11	1.00									
Tra at c ar x r c											
3. K / j $r$ o o $r$ t, ar 4. Ra / x a a a t $r$ t, ar 5. D at, of ar t() $r$ t, $ar^{th}$ Co o h	.09	09	1.00								
3. K / jr o o r t, ar 4. Ra / x a a a t r <sup>t</sup> t, ar	.03	.45	.14	1.00							
5. Dat of art() rt, ar <sup>h</sup>	03	.45 .06	.05	.10	1.00						
Co <sup>h</sup> o <sup>h</sup>											
6. A roac, co	.11	12	02	01	.01	1.00					
7. A o a c <sup>a</sup> co	.06	09	09	10	14	22	1.00				
Wa 3 ta, at, 8. I t $z$ as b, a or 9. Ext $z$ as b, a or											
8.Itrans <sup>h</sup> b, ar or		.0001	.16	.04	.18	01	36	1.00			
9.Extrans b <sup>h</sup> ta or	01	07	.21	04	.01	10	03	.40	1.00		
10. A at / ro oc'à b, a or	.15	22	08	11	.007	.34	15	.07	09	1.00	
10. A a t / ro oc a b, a or 11. Po ttra at c tr <sup>h</sup> to	01	.03		.07	.18		41	.61	.25	.01	1.00

1.61, p = .04), a at a , tT3 tt as b -, a or (b = 1.30, p = .08).

Gender, age, and mental health. T, ff ct of f a a f tat t ca f ca t o h for a a t / ro oc a b, a or at T3. Ma f ort , f T3 a a t / ro oc a b, a or co ar to f a (b = 2.07, p = .03). R ar h a ff ct, f a to a ar a bj ct' a a f ca t a oc at t, cr a T3 a a t / ro oc a b, a or (b = 0.28, p = .006). b, a or (b = 0.73, p < .001). It a a o a oc at t, ar a o r T3 x t r as b, a or (b = 0.20, p = .020, p = .06), a t r as b, a or (b = 0.20, p = .08). A o a c co a f cat a oc at t, o r T3 t r as b, a or (b = 1.47, p < .001), o r T3 a a t / ro oc a b, a or (b = 0.75, p = .005), a o r o tra at c tr to (b = 2.01, p < .001).

## Mediation through approach and avoidance coping

Coping and mental health. A roac, co a tat t ca T, r t of t, at o a a for a at, a t t f cat a oc at t, r, T a a a t / ro oc a ar r t Tab 6. W, t t , t, t, r a roac, h h h h h

 Table 5. Estimated regression models predicting Wave 3 mental health outcomes from baseline war exposures, gender, age, and coping with autoregressive controls

	Itzaks B,aoz	Extrans B, a or	A a t /Pro oc a B, a or	Po tt <i>r</i> a at c St <i>r</i> S to	
	b (SE)	b (SE)	b (SE)	b (SE)	
K or o o o r t, ar	1.41* (0.69)	1.60** (0.53)	-1.45 (0.78)	3.17*** (0.82)	
Wara or x a a a t r <sup>n</sup> t, ar	-0.72(1.06)	-0.51(0.74)	-0.24(1.03)	-0.36 (1.16)	
Par $t()$ r $t_{x_{i}}$ ar $n$	1.30 (0.73)	0.13 (0.54)	0.86 (0.71)	1.61* (0.75)	
F a <sup>K</sup>	-1.05(0.89)	-0.45(0.64)	-2.07*(0.87)	0.02 (0.90)	
A at T 3	-0.11(0.09)	0.01 (0.07)	0.28** (0.10)	-0.03(0.10)	
Itraks bea or at T 1	0.10 (0.06)	0.03 (0.03)	0.05 (0.06)	0.08 (0.06)	
Extrans b <sup>h</sup> a orat T 1	-0.02(0.09)	0.09 (0.06)	-0.13(0.10)	-0.01(0.10)	
Extrans b <sup>h</sup> aoratT 2	0.00(0.09)	0.07 (0.06)	0.04 (0.09)	0.02 (0.10)	
Aat / rooc <sup>a</sup> b, a or at T 1	-0.09(0.05)	0.07 (0.04)	0.08 (0.06)	0.02 (0.06)	
A a t / zo oc a b <sup>, h</sup> a oz at T 2	0.05 (0.05)	-0.04(0.03)	$0.11^{*}(0.05)$	-0.02(0.06)	
Po ttra at c tr $h$ to at T 2	-0.07(0.89)	-0.01(0.04)	0.07 (0.06)	-0.10(0.08)	
A roac, co	-0.20 (0.11)	-0.20 (0.10)	0.73*** (0.13)	-0.05(0.14)	
A o a c co	$-1.47^{***}$ (0.23)	-0.12(0.18)	-0.75** (0.26)	-2.01*** (0.25)	

*Note:* Co ff c t b, t, t at  $t \neq 0$  co ff c t for t, a oc at  $t \neq 0$  co ff c t, a oc at  $t \neq 0$  co ff c t.  $p \leq .1. * p \leq .05. * * p \leq .001.$ 

orao a c co r r ct b t, ar x o r, o a o a c co a tat t ca f ca t r ct b at, of a at t t  $t_{r_{1}}$  at (b = 0.36, p = .035). A at of a at t f t, at (b = 0.36, p = .035). A -roac, co a of f<sup>h</sup> ct b a of t, t, f tox c tf x o<sup>h</sup> f. N ft, , t t at o<sup>h</sup> t, ro, a roac, a a o a c co<sup>h</sup> for ac, x o f o<sup>h</sup> too h a f, bot, t, Sob t t a t,<sup>h</sup> ara t t to o trat f ct ff ct. W fo t, at t, co ff c t for t, a oc a-to b t, co ff c t for t, a c a  $\begin{array}{rcl} f & ct & ff & ct & w & fo & t, at t, & co & ff & c & t & for t, & a & oc & a \\ to & b t & ar & t() & at, & h & t, & ara & T3^{h} & t & fa & - \\ b & a & or & a & r & c & b^{h} & 26.14\%, & a & oa & a & co & o \\ a & a^{h} & tot, & o & (Sob & = 1.94, p^{h} = .05). T, & co & b & \\ & a & f^{h} & at & oa & t, & r & ct & at, & a & b^{h} t & ar \\ t() & at, & a & T3 & t & r & as^{h} & b & , a & or & oo & r & ta \\ t & tca & f & ca & tat t2( .8(a)15.8(6 - 1 (/F5 6 Tf11.205 68 TD0 Tc(b)a)/F1 1 Tf0.95846 TD0 T158 c(t - 5(a) .8(2)-22842(a))TJ/F \\ \end{array}$ 

a c; (b) t  $\ell$  ato b t cfc arx o  $\ell$  atba (  $or^{2} j \ell$  ot  $\ell$ , b ra or x a a a t , a at of ar t()) a b t ta, at o tco at T3 (ht  $\ell$  ab, a or), co tco for  $\ell$  or of to a ta, hat, cator; a (c) t, at ro of a coa, a a a a co t co for  $\ell$  or of to a ta, hat, cator; a (c) t, at ro of a coa, a a a b a c co t x ha t r ato (F  $\ell$  1). Eco o ca t t or, a, torca root t a a a of, o c,  $\ell$  a a o t, co of co t f factor, c, a a  $\ell$  co h, t t broa  $\ell$  oca coo ca t a a a o f  $\ell$  ta h  $\ell$  c a o c,  $\ell$  (L t, ar & Bor, 2007; Mat, 2006; U ar, G, h o r, & R c, t r, 2013). T, co c t of co 4( $\ell$ )-1 fo(a)12.9()TJ-1275062-1.2019 TD(b)12.4()0()12.2()-621.7(())13.5(  $\ell$  o a a or, 0 (b) ta r, 2007; Mat, 2006; U ar, G, h o r, & R c, t r, 2013). T, co c t of co 4( $\ell$ )-1 fo(a)12.9()TJ-1275062 -1.2019 TD(b)12.4()0()12.2()-621.7(())13.5(  $\ell$  o to f1474(0)0(c)f12.9()12.4 co , ' co 01()-317.2(a)0()-1 f()-26740(a) 12.9 frac, h o a ra or 0 (b) f347(a) 00(c)f12.9()11.8 co ra t or ca (a) 1850 a of Fab 14.9(b) 14.6(19.32.9(c) 12.2()11.8 co ra t, or ca (a) 1850 a of Fab 14.9(b) 14.6(19.32.9(c) 12.2()11.8 co ra t, or ca (a) 1850 a of Fab 14.9(b) 14.6(19.32.9(c) 11.8(r) or ra ca (b) fab (19.32.9(c) 12.2()11.8 co ra t, or ca (c) fab 14.9(c) 12.9()12.2()12.4()12.9()12.2()10-1.1962 TD()29.5(o)12.4()16, h) -26740(a) 12.9()12.2()10-1.1962 TD()29.5(o)12.4()16, h) -26740(a) -2013()10-1.1962 TD()29.5(o)12.4()16, h) -26740(a) -2014()2014(20, 10, 10, 10) -2014(a) -2014(a)

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t o<sup>h</sup>, a<sup>h</sup> ta, at, S  $acc o^h$ .

## Study strengths and limitations

References

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