

MaskMaker, MaskMaker: Examining changes to employment status and maskmaking on the coping-to-affect relationship during the 2020 pandemic

Linda Montañó, Lynette Bikos

Volunteering confers a myriad of benefits, such as improvements in well-being and physical health to the volunteer (Mellor et al., 2009; Piliavin & Siegl, 2007; von Bonsdorff & Rantanen, 2011). We hypothesized that the specific, prosocial behavior of *maskmaking* would mediate the coping-to-positive/negative affect relationship. This conditional indirect effect was further hypothesized to differ as a function of changes to employment.

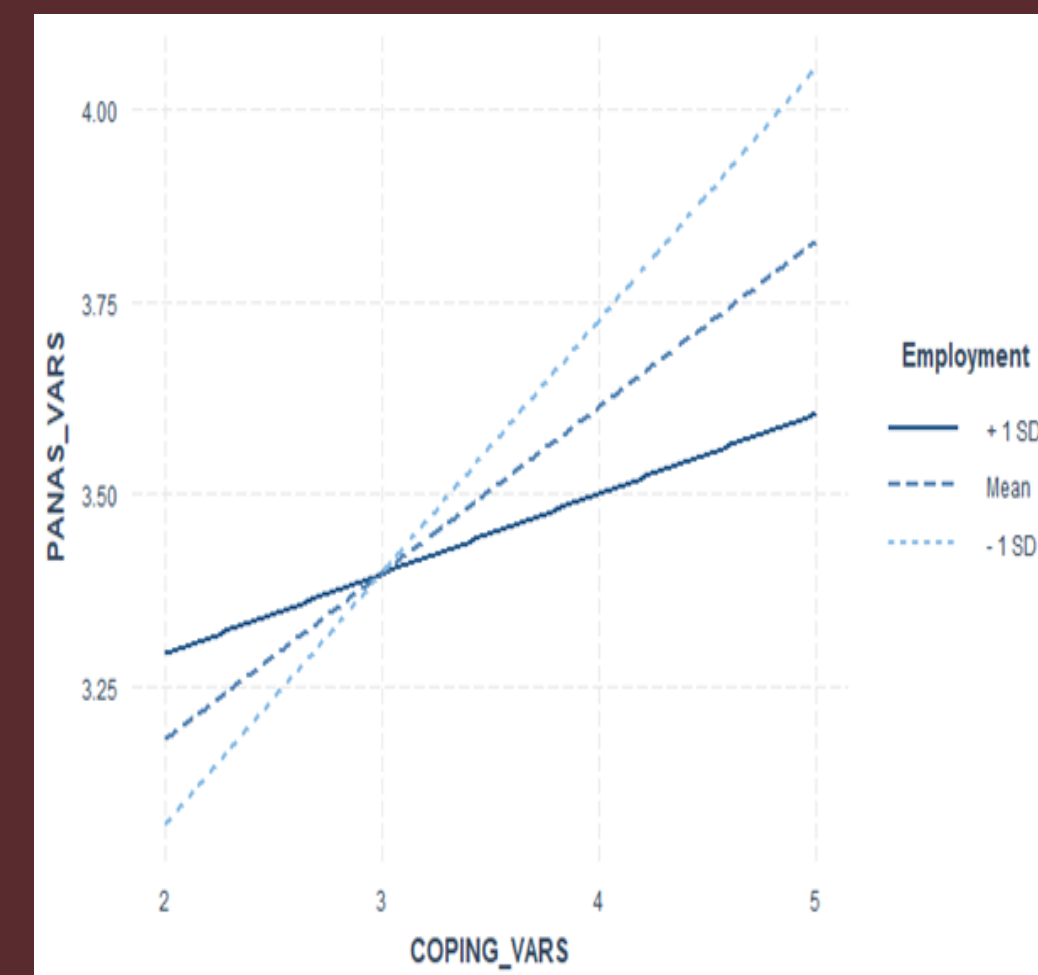
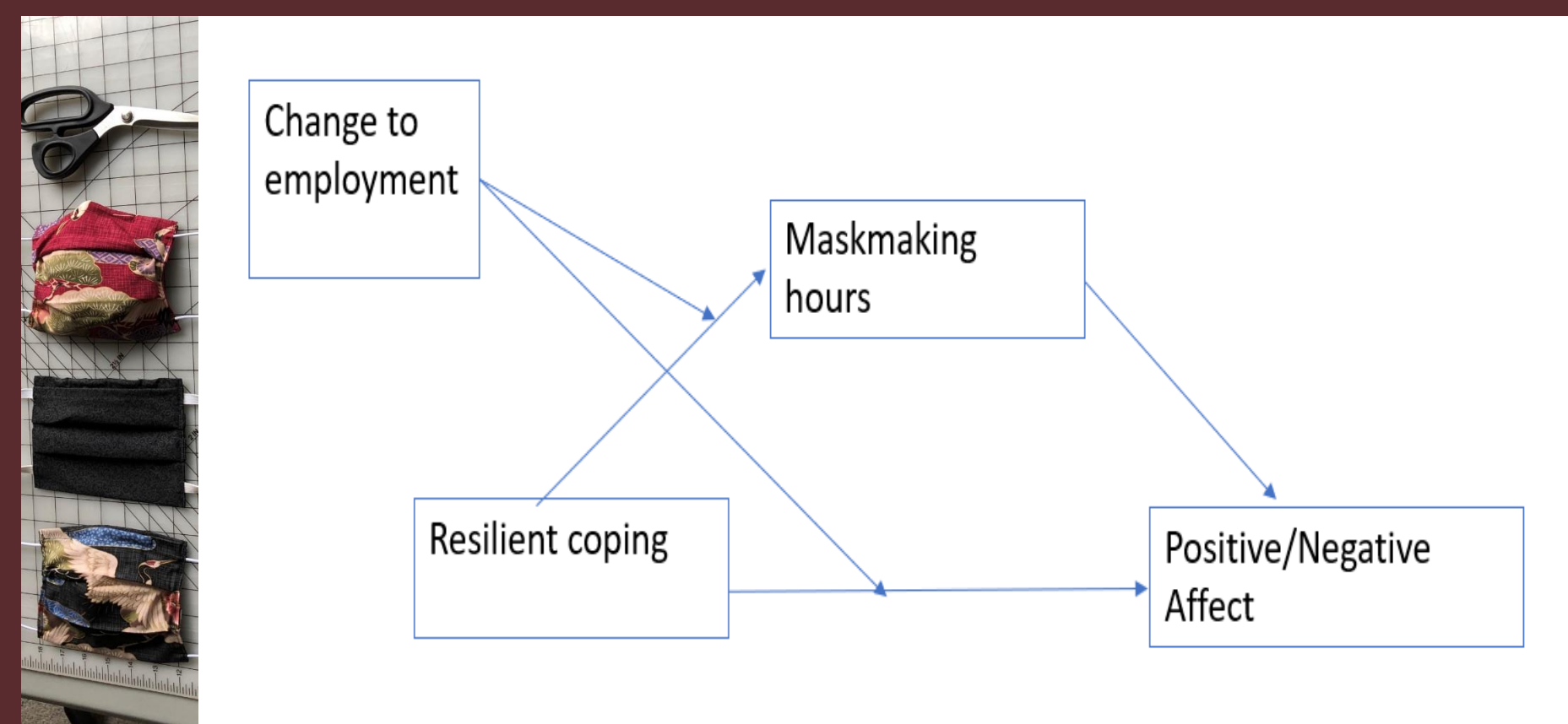
MODERATED MEDIATION (Hayes, 2018)

93 participants

- 95% female, Age: $M = 50$ ($SD = 15$)
- volunteers making masks during the COVID19 pandemic
- recruited via social media, email, and snowballing
- <https://www.facebook.com/MaskMadness-Research-Project-102222801445834/>

Resilient coping's effect is strongest on positive affect when employment stayed the same or decreased.

Maskmaking made no contribution to the model.



MEASURES

Positive/negative affect (Russell & Daniels, 2018); 10-item short form; 5-point Likert scale, $\alpha = 0.82$. Higher scores indicate positive affect.

Resilient coping (Sinclair & Wallston, 2004): 4-items; 5-point Likert scale, $\alpha = 0.76$.

Maskmaking hours: number of hours spent making masks during the prior 7 days.

Employment: self-report change in employment during the past week a scale from -2 “disappeared altogether”, 0 “no change”, to 2 “increased a lot.”

Table 1
Model Coefficients for Moderated Mediation Model

Antecedent		Consequent						
		M (MaskMaking Hours)			Y (Positive/Negative Affect)			
		Coeff.	SE	p	Coeff.	SE	p	
Constant	i_M	19.302	8.009	0.016	i_Y	2.82	0.326	0.000
X (Resilient Coping)	a_1	-1.121	2.006	0.567	c'	0.189	7.258	0.037
M (MaskMaking Hours)					b_1	0.002	0.005	0.733
W (Employment)	a_2	-2.511	7.258	0.729	b_2	0.346	0.286	0.226
XW (Coping*Empl.)	a_3	0.574	1.884	0.761	b_3	-0.115	0.079	0.144
		$R^2 = 0.054$			$R^2 = 0.459$			
Conditional indirect effects at Employment Values								
α path		Boot indirect effect		Boot SE	BootCI95 lower		BootCI95 upper	
1 SD below		-0.003	0.018		-0.042	0.026		
Mean		-0.002	0.012		-0.033	0.017		
1 SD above		-0.001	0.015		-0.043	0.021		
c' path		Boot indirect effect		Boot SE	BootCI95 lower		BootCI95 upper	
1 SD below		0.329	0.107		0.109	0.541		
Mean		0.217	0.086		0.028	0.567		
1 SD above		0.106	0.121		-0.137	0.318		

Note. SE = standard error. $p = \alpha$ at .95. CI = 95% confidence interval