Supplemental Table 1. Negative Affect Items by Study

NA items	EMA						EOD			
	ESCAPE[a]	SAWM[a]	SHADE	WDL	NTH	WDL	ESCAPE[a]	SAWM[a]	NSDE	WFHS
tense		x			x			x		
tense/ anxious	x						x			
nervous					x				x	x
jittery									x	x
worried			x							
distressed										x
depressed			x		x					
depressed/blue	x						x			
sad		x		x	x	x		x		
so sad nothing could cheer you up									x	
unhappy	x		x				x			
lonely									x	
hopeless									x	
worthless									x	
disappointed		x						x		
frustrated	x		x				x		x	
angry			x		x				x	
hostile					x					x

angry/hostile	x		x			
irritable					x	x
afraid					x	x
ashamed					x	x
restless or fidgety					x	
scared						x
guilty						x
everything was an effort					x	
upset		x		x	x	x

Note. EMA: Ecological Momentary Assessment. EOD: End-of-Day. [a]Hybrid studies providing both EMA and EOD assessments.

Supplemental Table 2. Linear Multilevel Models of Age Predicting Stressor-Related Negative Affect (Study-Specific Scale Scores)

	EMA					EOD			
	ESCAPE[a]	SAWM[a]	SHADE	WDL	NTH	ESCAPE[a]	SAWM[a]	NSDE	WFH
Model 1	Estimate (SE)	Estimate (SE)	Estimate (SE)	Estimate (SE)	Estimate (SE)	Estimate (SE)	Estimate (SE)	Estimate (SE)	Estimate (SE)
Intercept	18.602 (1.402)**	1.852 (0.059)**	0.712 (0.124)**	.1181 (0.086)**	1.405 (0.031)**	22.322 (1.113)**	1.892 (0.074)**	0.128 (0.006)**	1.193 (0.021)**
Age	-0.128 (0.092)	-0.011 (0.003)**	-0.009 (0.005)	-0.014 (0.006)*	-0.002 (0.002)	-0.209 (0.105)*	-0.018 (0.004)**	-0.000 (0.000)	-0.006 (0.002)**
WP Stressor	15.520 (0.802)**	1.093 (0.075)**	0.810 (0.062)**	0.184 (0.061)**	0.563 (0.036)**	9.779 (0.864)**	0.599 (0.088)**	0.181 (0.007)**	0.202 (0.018)**

WP Stressor*Age	-0.161	-0.003	-0.001	0.002	-0.001	-0.107	-0.002	-0.002	-0.003
	(0.074)*	(0.004)	(0.005)	(0.005)	(0.003)	(0.080)	(0.005)	(0.000)**	(0.002)

Model 2

Intercept	17.363	1.688	0.606	0.1.240	1.448	22.054	1.803	0.173	1.315
	(2.199)**	(0.194)**	(0.222)**	(0.206)	(0.092)**	(2.202)**	(0.241)**	(0.010)**	(0.029)**
Age	-0.123	-0.013	-0.006	-0.010	-0.003	-0.230	-0.018	-0.001	-0.004
	(0.097)	(0.004)**	(0.006)	(0.007)	(0.003)	(0.110)*	(0.005)**	(0.000)**	(0.003)
WP Stressor	16.571	1.838	0.744	0.426	0.651	9.545	0.568	0.179	0.193
	(1.390)**	(0.201)**	(0.166)**	(0.165)*	(0.096)**	(1.547)**	(0.243)*	(0.012)**	(0.024)**

WP	-0.192	0.007	0.001	-0.005	-0.005	-0.099	-0.003	-0.003	-0.002
Stressor*Age	(0.077)**	(0.005)	(0.005)	(0.006)	(0.003)	(0.083)	(0.006)	(0.000)**	(0.002)

Note. WP: Within-Person. EMA: Ecological Momentary Assessment. EOD: End-of-Day. SE: Standard Error. *p<.05, **p<.01. Age was centered at 46 years old in each study. Model 1: Age only. Model 2: Model 1 plus covariates (sex, education, race, employment status, marital status, and day of week). [a]Hybrid studies providing both EMA and EOD assessments.

Supplemental Table 3. Linear Multilevel Models of Age Categories Predicting Stressor-Related Negative Affect

	EMA					EOD			
	ESCAPE[a]	SAWM[a]	SHADE	WDL	NTH	ESCAPE[a]	SAWM[a]	NSDE	WFH
Model 1	Estimate (SE)	Estimate (SE)	Estimate (SE)	Estimate (SE)	Estimate (SE)	Estimate (SE)	Estimate (SE)	Estimate (SE)	Estimate (SE)
WP Stressor	1.748 (0.150)**	1.966 (0.251)**	1.415 (0.204)**	0.484 (0.183)**	.961 (0.092)**	1.074 (0.157)**	0.860 (0.291)**	0..550 (.052)**	0.700 (0.068)**
<25	-	0.006 (0.514)	-0.159 (0.389)	-0.291 (0.367)	-0.084 (0.220)	-	0.606 (0.568)	-	0.094 (0.618)
25-39	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.

40-59	-0.233 (0.184)	-0.154 (0.320)	-0.030 (0.245)	-0.230 (0.219)	-0.028 (0.123)	-0.044 (0.194)	0.087 (0.371)	-0.043 (0.056)	-0.094 (0.087)
60-74	-0.565 (0.243)*	-0.393 (0.344)	-0.280 (0.409)	-0.177 (0.580)	0.046 (0.213)	-0.471 (0.265)	0.141 (0.377)	--0.167 (0.059)**	-0.403 (0.415)
75+	-	-0.167 (0.460)	-0.389 (1.022)	-	-	-	0.049 (0.561)	--0.230 (0.075)**	-

Model 2

WP Stressor	1.574 (0.268)**	2.674 (0.492)**	1.126 (0.354)**	0.646 (0.362)	1.079 (0.194)**	1.104 (0.217)**	0.814 (0..494)	542 (0.062)**	0.682 (0.157)**

Age									
<25	-	-0.018	-0.184	-0.326	-.089	-	0.671	-	-0.024
		(0.483)	(0.382)	(0.393)	(0.264)		(0.588)		(0.624)
25-39	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
40-59	-0.264	0.306	0.090	-0.255	-0.055	-0.096	-0.046	-0.042	-0.032
	(0.181)	(0.313)	(0.249)	(0.233)	(0.131)	(0.197)	(0.378)	(0.058)	(0.099)
60-74	-0.710	0.309	-0.049	-0.187	-0.185	-0.476	0.286	-0.193	-0.301
	(0.257)**	(0.365)	(0.446)	(0.598)	(0.242)	(0.287)	(0.408)	(0.062)**	(0.428)
75+	-	0.643	-0.318	-	-	-	0.011	-0.278	-
		(0.464)	(1.039)				(0.590)	(0.080)**	

Note. WP: Within-Person. EMA: Ecological Momentary Assessment. EOD: End-of-Day. SE: Standard Error. *p*<.05, **p*<.01. Ref.= Reference group (ages 25-39). Model 1: Age only. Model 2: Model 1 plus covariates (sex, education, race, employment status, marital status, and day of week). [a]Hybrid studies providing both EMA and EOD assessments.

Supplemental Table 4. Results from Monte Carlo Simulations for Power to Detect Within-person Stressor Effect and Age Differences in Within-person Stressor Effects on Negative Affect

	EMA					EOD			
	ESCAPE[a]	SAWM[a]	SHADE	WDL	NTH	ESCAPE[a]	SAWM[a]	NSDE	WFH
WP Stressor	1.000	1.000	1.000	0.915	1.000	1.000	1.000	1.000	1.000
WP Stressor *Age	.752	.188	.092	.083	.079	.313	.086	.999	.436

Note. Based on 1000 simulations per study. WP: Within-Person. EMA: Ecological Momentary Assessment. EOD: End-of-Day. [a]Hybrid studies providing both EMA and EOD assessments.