

Table S1. Summary of study characteristics and main findings.

Author details	Study design	Participants'information (N; age; gender; education; marital status; family status; race; rank; tenure; function)	Information of Mediator/Moderator	Outcome	Location
Wickramasinghe & Wijesinghe (2018)	Quantitative; cross-sectional; self-administrated questionnaire	N=709; 340 aged 20-24 years (48%), 369 aged 41-60 years (52%), M=39.6 years; 591 males (83.4%), 118 females (16.6%); 401 up to General Certificate of Examination (Advanced Level) (56.6%), 308 General Certificate of Examination (Advanced Level) above (43.4%); 580 married (81.8%), 129 unmarried/other (17.2%); 103 no children (14.5%), 606 at least one child (85.5%); no race information; 87 gazetted officers (12.3%), 622 non-gazetted officers (87.7%); 392 up to 20 years (55.3%), 317 > 20 years (44.7%), M=16.8 years; no function information	Questions related / to socio-demographic factors, basic employment factors, work environment factors, work pattern factors, work support factors, and work satisfaction factors	Burnout subtypes (frenetic, underchallenged, and worn-out)	Sri Lanka
McCarty, Aldirawi, Dewald & Palacios (2019)	Quantitative; cross-sectional; online survey	N=13,146; 2281 aged 18-35 (17.35%), 2118 aged 36-41 (16.11%), 1925 aged 42-45 (14.64%), 2215 aged 46-50 (16.85%), 1913 aged 51-80	Workload / Control Rewards Community Fairness	Burnout (emotional exhaustion and depersonalization)	US

			(14.55%); 9404 males (71.54%), 1660 females (12.63%); 4921 less than college degree (37.43%), 6331 college degree or above (48.16%); no marital status information; no family status information; 8294 White (63.09%), 911 Black (6.93%), 1002 Latino (7.62%), 578 other (4.4%); 7609 police officer (57.88%), 2279 sergeant (17.34%), 1419 lieutenant or above (10.79%); no tenure information; no function information	The values area of worklife			
Bishopp, Piquero, Worrall & Piquero (2018)	Leeper self-report web-based survey	Quantitative;	N=1,400; 18 aged 20-25 (1.3%), 139 aged 26-30 (9.9%), 182 aged 31-35 (13%), 256 aged 36-40 (18.3%), 297 aged 41-45 (21.2%), 255 aged 46-50 (18.2%), 183 aged 51-55 (13.1%), 70 aged ≥ 56 (5%); 84% males, 16% females; 1 = some college, 2 = bachelor's degree, 3 = graduate degree, M=2.6; no marital status information; no family status information; 60% White, 40% non-White; no rank information; no tenure information; 44% patrol, 56 non-patrol	Environmental strain / Organizational strain	Burnout	US	

Yun, Hwang & Lynch (2015)	Quantitative; cross-sectional; questionnaire	N=570; 25-60 years, M=46.1 years; 100% males; high school (1)-graduate degree (7), M=2.83; unmarried (0), married (1), M=.93; no family status information; no race information; policeman (1)-captain (5), M=3.19; 0-36 years, M=19.24 years; no function information	Poor work / condition Negative police image Authoritative culture Lack of collegiate cooperation Work-family conflict Lack of supervisor support Organizational commitment	Burnout	South Korea
Ivie & Garland (2011)	Quantitative; secondary data	N=600; no age information; military: 217 males (93.9%), 14 females (6.1%), non-military: 302 males (81.8%), 66 females (17.9%); military: 204 less than bachelor's (88.3%), 27 bachelor's and above (11.7%), non-military: 310 less than bachelor's (84%), 54 bachelor's and above (14.6%); military: 140 married (60.6%), 91 not married (39.4%), non-military: 219 married (59.3%), 148 not married (40.1%); no family status information; military: 146 White (63.2%), 83 non-White (35.9%), non-	Negative / exposures	Work-related stress Burnout	US

			<p>military: 213 White (57.7%), 153 non-White (41.5%); no rank information; non-military: M=9.12 years, military: M=9.81 years; no function information</p>			
Sayed, Sanford & Kerley (2019)	Qualitative; in-depth interviews	<p>N=20; 27-51 years, M=39.7 years; 17 males (85%), 3 females (15%); 60% at least an undergraduate degree, 20 graduate degree; 65% married, 35% unmarried (single/never married, engaged, or divorced); number of children: 0-4, M=1.75; 10 White (50%), 6 Hispanic (30%), 4 Black (20%); no rank information; 5-25 years, total: 310.5 years; no function information</p>	<p>Different types of / stressors encountered on jobs (organizational factors, danger, monotony and unpredictability, and community and media scrutiny)</p>		Workplace stress	US
Rose & Unnithan (2015)	Quantitative; secondary data	<p>N=1,632; no age information; 87% males, 13% females; 7% high school, 30% some college, 23% associate's degree, 29% bachelor's degree, 6% some graduate school, 4% graduate degree, M=3.10; 72% married, 28% non-married; no family status information; 85% White, 15% non-White; no rank</p>	<p>Out-group status / In-group status</p>		Job stress	US

		information; 0-30 years, M=12.86 years; no function information				
Backteman-Erlanson, Padyab & Brulin (2013)	Quantitative; cross- sectional; questionnaire	N=856; M=37 years, males: M=40 years, females: M=34 years; 419 males (53%), 437 females (56%); no education information; 670 married/living together (78%), 344 males married/living together (83%), 326 females married/living together (75%); no family status information; no race information; no rank information; M=9 years, males: M=12 years, females: M=6 years; 100% patrol	The General / Nordic Questionnaire for and Social Factors at Work Karasek and Theorells demand- control questionnaire The Stress of Conscience Questionnaire		Burnout (emotional exhaustion and depersonalization)	Sweden
Gächter, Savage & Torgler (2011a)	Quantitative; secondary data	N=1,104; 20-66 years, M=36.04 years; 943 males (85.73%), 157 females (14.27%); 165 high school (15.08%), 603 some college (55.12%), 285 college (26.05%), 41 graduate school (3.75%); 658 married (59.87%), 88 live-in partner (8.01%), 135 divorced/separated (12.28%), 213 single (19.38%), 5 widowed (0.45%); number of children: 0-7, M=1.18; 355	Social capital Individual fairness Institutional fairness Work-life balance Home index Trauma index	Gender	Burnout	US

		<p>African-American (32.51%), 696 Caucasian (63.74%), 14 Hispanic (1.28%), 27 other (2.47%); 91 officer trainee (8.27%), 601 officer (54.64%), 62 agent (5.64%), 144 detective (13.09%), 143 sergeant (13%), 59 lieutenant/above (5.36%); 0-44 years, M=11.5 years; no function information</p>				
Gächter, Savage & Torgler (2011b)	Quantitative; secondary data	<p>N=1,104; 20-66 years, M=36.04 years; 943 males (85.73%), 157 females (14.27%); college (~26.%), graduate degree (~4%); 658 married (59.87%), 88 live-in partner (8.01%), 135 divorced/separated (12.28%), 213 single (19.38%), 5 widowed (0.45%); number of children: 0-7, M=1.18; 355 African-American (32.51%), 696 Caucasian (63.74%), 14 Hispanic (1.28%), 27 other (2.47%); 91 officer trainee (8.27%), 601 officer (54.64%), 62 agent (5.64%), 144 detective (13.09%), 143 sergeant (13%), 59 lieutenant or above (5.36%); 0-44 years, M=11.5 years; no function information</p>	<p>Social capital Home index Trauma index</p>	/	Burnout	US

Padilla (2020)	Quantitative; cross-sectional; survey	N=147; no age information; males (91%); no education information; no marital status information; no family status information; non-white (55%); patrol (63%); at least 10 years (51%); no function information	Gender Race Rank Tenure	/	Occupational stress	US
Marcos, Llantada & Pérez-Topa (2019)	Quantitative; cross-sectional; online survey	N=123; M=39.77 years; 91.9% males; 30.9% university studies, 22.8% combined their work with some kind of studies; no marital status information; 40.7% had a family member in the National Police; no race information; no rank information; M=171 months; no function information	Organizational socialization (history, language, policies, organizational values) Social support Self-efficacy Collective efficacy Optimism	/	Job stress	Spain
Galanis, Fragkou, Kaitelidou, Kalokairinou & Katsoulas (2019)	Quantitative; cross-sectional; self-completed paper based questionnaire	N=336; M=33.8 years; 256 males (76.2%), 80 females (23.8%); 259 high school graduates (77.1%), 52 university degree (15.5%), 25 MSc/PhD degree (7.4%); 150 married (44.6%), 186 singles/divorced (55.4%); 89 had children < 18 years old (26.5%), 247 did not have children <	Out of office work/Work in office Sleeping hours per day Days of physical exercise per week Self-estimation of family/friends support	/	Occupational stress	Greece

		18 years old (73.5%); no race information; 273 constables (81.2%), 63 sergeants (18.8%); M=12.7 years; no function information				
Griffin & Sun (2018)	Quantitative; cross-sectional; web-based survey	N=138; 0.73% aged 21-15, 7.97% aged 26-30, 18.8% aged 31-35, 27.5% aged 36-40, 22.5% aged 41-45, 16.7% aged 46-50, 5.8% aged 51-55; 87% males, 13% females; 0.72% high school, 7.25% some college, 15.22% associate degree, 64.49% bachelor degree, 12.32% master degree & above; no marital status information; no family status information; 87% White, 13% non-White; 73.9% corporal or below, 26% supervisor; no tenure information; 54.3% patrol	Demographics	Work-family conflict Resiliency	Burnout	US
Lambert, Qureshi, Frank, Klahm & Smith (2018)	Quantitative; cross-sectional; survey	N=827; 21-57 years, M=36.53 years; 88% males, 12% females; 42% college degree, 58% no college degree; no marital status information; no family status information; no race information; 69% line officer, 31% other position; 0-	Job involvement / Job satisfaction Organizational commitment (affective and continuance commitment)		Burnout (emotional exhaustion, depersonalization, and reduced sense of personal accomplishment)	India

			30 years, M=2.44 years; no function information			
Tsai, Nolasco & Vaughn (2018)	Quantitative; cross-sectional; secondary data	N=594; 22-62 years, M=36.09 years; 515 males (86.7%), 79 females (13.3%); 188 Bachelor & Higher (31.6%), 406 less than Bachelor (68.4%); no marital status information; no family status information; 478 White (80.5%), 116 Minority (19.5%); 248 supervisor (41.8%), 346 officer (58.2%); 0-30 years, M=12.2 years; no function information	Demographics / Negative working environment Counselling support Family discussion with co-workers	Job stress	US	
Frank, Lambert & Qureshi (2017)	Quantitative; cross-sectional; survey	N=827; 21-57 years, M=36.53 years; 88% males, 12% females; 42% college degree, 58% no college degree; no marital status information; no family status information; no race information; 69% constable, 31% other position; 0-30 years, M=2.44 years; no function information	Job demands (role conflict, role ambiguity, role overload, role underload, dangerousness of job) Job resources (input into decision making, formalization, organizational support, instrumental communication)	Work stress	India	

Kula (2017)	Quantitative; cross-sectional; self-report survey	N=538; no age information; 92.6% males; 196 two-year college degrees, 238 bachelor degrees; no marital status information; no family status information; no race information; 407 police officers (75.7%); 158 11-15 years; no function information	Organizational Police Stress Questionnaire Operational Police Stress Questionnaire Job Satisfaction Survey Karasek' s Job Content Survey (supervisor support)	Supervisor support	Work-related burnout	Turkey
Lambert, Qureshi, Frank, Keena & Hogan (2017)	Quantitative; cross-sectional; self-report survey	N=827; 21-57 years, M=36.53 years; 88% males, 12% females; 42% college degree, 58% no college degree; no marital status information; no family status information; no race information; 69% line officer, 31% other position; 0-39 years, M=13.82 years; no function information	Work family / conflict (strain-based conflict, family-based conflict, behavior-based conflict, time-based conflict)		Job stress	India
Padyab, Backteman-Erlanson & Brulin (2016)	Quantitative; cross-sectional; questionnaire	N=856; M=40 years (males), M=34 years (females); 419 males (53%), 437 females (56%); no education information; no marital status information; no family status information; no race information; no rank	Karasek and Theorells questionnaire Job Demand Control-Social Support Model The Stress of Conscience Questionnaire	/	Burnout (emotional exhaustion and depersonalization)	Sweden

		information; no tenure information; 100% patrol				
Rotenberg, Harrison & Reeves (2016)	Quantitative; cross- sectional; online survey	N=183; 22-56 years, M=38 years 11 months; 142 males, 41 females; no education information; no marital status information; no family status information; no race information; no rank information; no tenure information; no function information	Personal trust beliefs in the police Public-ascribed trust beliefs in the police	/	Workplace stress	UK
Singh & Nayak (2015)	Quantitative; self-report questionnaire	N=599; 65 below 20 years (10.85%), 98 20-29 years (16.36%), 107 30-39 years (17.86%), 230 40-49 years (38.4%), 99 50 years and above (16.53%); 550 males (91.82%), 49 females (8.2%); 145 under graduate (24.21%), 356 graduate (59.43%), 98 post graduate (16.36%); no marital status information; no family status information; no race information; 100% below inspector level (sub- inspectors, head constables and constables); 90 below 1 year (15.03%), 21 1-5 years (3.51%), 399 6-10 years (66.61%), 89 11 years and	Work-family conflict	/	Job stress	India

		above (14.86%); no function information			
McCarty (2013)	Quantitative; cross-sectional; survey	N=908; no age information; 737 males, 171 females; 536 less than MA (72.7%) (males), 199 MA or above (27%) (males), 108 less than MA (63.2%) (females), 63 MA or above (36.8%) (females); 580 married (78.7%) (males), 154 not married (20.9%) (males), 89 married (52%) (females), 81 not married (47.4%) (females); no family status information; 104 African American (14.1%) (males), 526 White (71.4%) (males), 85 Hispanic (11.5%) (males), 22 Other (3%) (males), 40 African American (23.4%) (females), 110 White (64.3%) (females), 20 Hispanic (11.7%) (females), 1 Other (0.6%) (females); 100% sergeants; 30 6-10 years (4.1%) (males), 199 11-15 years (27%) (males), 211 16-20 years (28.6%) (males), 167 21-25 years (22.7%) (males), 128 26 years or more (17.4%) (males), 12 6-10 years (7%) (females), 29 11-15 years (17%) (females), 61 16-20 years	Views of / subordinates Satisfaction with peers and supervisors Work-life conflict Unfairness Discipline	Emotional exhaustion Depersonalization	US

			(35.7%) (females), 46 21-25 years (26.9%) (females), 23 26 years or more (13.5%) (females); no function information			
Vuorensyrjä & Mälkiä (2011)	Quantitative; cross-sectional; electronic survey	N=2,821; 26.3% 20-29 years, 43% 30-39 years, 20.9% 40-49 years, 9.8% 50 years; 82.7% males, 17.3% females; no education information; no marital status information; no family status information; no race information; 100% constable; 10.9% < 2 years, 24.3% 2-5 years, 36.3% 6-15 years, 16.6% 16-25 years, 11.9% > 25 years; 20.3% daily crime investigation, 15.8% demanding crime investigation, 63.8% public order and security	Defective leadership Role conflicts Threat of violence Time pressure Shift work	/	Burnout	Finland
Redman, Hamilton, Malloch & Kleymann (2011)	Quantitative; cross-sectional; self-completion paper based questionnaire	N=198; Median= 30-39 years; 66% males, 34% females; no education information; 61% married/living as married, 39% single/divorced/other; no family status information; no race information; 8% inspectors and above, 20% sergeants, 53% constables, 18% others; Median= 10 years	Hours spent in the workplace building Positive affectivity Sick building syndrome	/	Job stress Burnout	US

		or more; no function information				
Violanti et al. (2018)	Quantitative; cross-sectional; self-report survey	N=200; M=46.2 years; 143 males (72%), 57 females (28%); 13 high school/GED (6.5%), 103 college < 4 years (51.5%), 84 college 4+ years (42%); 20 single (10.1%), 137 married (68.8%), 42 divorced (21.1%); no family status information; 162 Caucasian (81%), 38 African American (19%); 110 police officer (55%), 39 sergeant/lieutenant (19.5%), 51 captain/detective (25.5%); 9 0-9 years (4.5%), 45 10-14 years (22.5%), 68 15-19 years (34%), 78 20+ years (39%); no function information	Effort-reward imbalance / Overcommitment		Burnout (cynicism, exhaustion, and professional efficacy)	US
Kumar & Kamalanabhan (2017)	Quantitative; survey	N=491; aged 31-39 years (43%); males (81.7%); no education information; no marital status information; no family status information; no race information; sub-inspectors (54.7%); 2 years; no function information	Organizational stressors (perceived unfairness, inflexible work hours, work overload and role ambiguity) Community stressors (publics	Work support	Burnout	India

			negative attitude toward police and political interference)				
			Work-home interface (work-family conflict and family-work conflict)				
Smoktunowicz et al. (2015)	Quantitative; cross-sectional; secondary data	N=607; 21-61 years, M=36.64 years; 483 males (80%), 124 females (20%); no education information; no marital status information; no family status information; no race information; no rank information; 1-36 years, M=12.83 years; no function information	Job demands Job control Social support	Social support	Job burnout		Poland
Wang, Zheng, Hu & Zheng (2014)	Quantitative; survey	N=521; 192 aged 40-50 (36.9%), 162 aged 30-40 (31.1%); 392 males (75.2%); no education information; no marital status information; no family status information; no race information; no rank information; no tenure information; 192 public security (36.4%), 69 criminal	Police job stress	Locus of control personality (internality)	Job burnout		China

investigation (13.1%), 51
office (9.7%)

McCarty & Skogan (2013)	Quantitative; online questionnaire	N=2,564; no age information; 1871 males, 663 females; 1152 less than Bachelor's degree, 1298 Bachelor's degree or higher; no marital status information; no family status information; 365 African American, 1508 White, 422 Hispanic, 197 Others; no rank information; M=12.93 years (civilian), M=17.17 years (sworn); no function information	Job related / (perceptions of danger, work-life conflict, shift assignment work) Organizational (social support from coworkers and supervisors, perceived unfairness of the organization, size of the organization)	Burnout	US
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