Hypothesis 2

March 17, 2022

(H2) During the transition from college to work, the distress-mediated effect of role overload on alcohol misuse is curvilinear; it diminishes to the extent that psychological distress increases.

Model 3

RAPI

Table 1: Outcome: Rutgers Alcohol Problem Index; N = 913; QIC = -1491.89

Parameter	Estimates	SE	p-value
(Intercept)	0.87***	0.12	0.000
sex	-0.26**	0.10	0.009
race	-0.12	0.10	0.259
age	0.10†	0.05	0.059
baseline rutgers	0.28***	0.04	0.000
baseline social desirability	-0.04	0.06	0.541
baseline impulsivity	0.08	0.06	0.172
lifestress	0.10*	0.05	0.043
injunctive workplace norms	0.14***	0.04	0.001
qualitative role overload	0.04	0.04	0.302
quantitative role overload	0.09†	0.05	0.076
DASS	0.31***	0.05	0.000
I(DASS * DASS)	-0.06†	0.03	0.056

HED

Table 2: Outcome: HED; N = 1143; QIC = 562.87

Parameter	Estimates	SE	p-value
(Intercept)	0.47***	0.08	0.000
sex	-0.14†	0.07	0.051
race	0.27***	0.08	0.001
age	0.01	0.04	0.775
baseline HED	0.42***	0.03	0.000
baseline social desirability	-0.02	0.04	0.551
baseline impulsivity	0.04	0.04	0.242
lifestress	0.08**	0.03	0.005
injunctive workplace norms	0.04	0.03	0.235
qualitative role overload	0.07*	0.03	0.036
quantitative role overload	0.12***	0.02	0.000
DASS	0.06†	0.04	0.079
I(DASS * DASS)	-0.07**	0.02	0.001

Estimate Mediated Effect (Using Model 3 and Model 6)

RAPI

Table 3: DASS-mediated effect of Qualitative Role Overload

	Bootstrap Mean	Bootstrap 95%-CI LB	Bootstrap 95%-CI UB
Low DASS	0.034	0.014	0.058
Moderate DASS	0.028	0.012	0.047
High DASS	0.022	0.009	0.038

Table 4: DASS-mediated effect of Quantitative Role Overload

	Bootstrap Mean	Bootstrap 95%-CI LB	Bootstrap 95%-CI UB
Low DASS	0.034	0.014	0.058
Moderate DASS	0.028	0.012	0.047
High DASS	0.022	0.009	0.038

HED

Table 5: DASS-mediated effect of Qualitative Role Overload

	Bootstrap Mean	Bootstrap 95%-CI LB	Bootstrap 95%-CI UB
Low DASS	0.013	0.003	0.026
Moderate DASS	0.006	-0.001	0.015
High DASS	0.000	-0.007	0.006

Table 6: DASS-mediated effect of Quantitative Role Overload

	Bootstrap Mean	Bootstrap 95%-CI LB	Bootstrap 95%-CI UB
Low DASS	0.013	0.003	0.026
Moderate DASS	0.006	-0.001	0.015
High DASS	0.000	-0.007	0.006