Analysis: Part 2a (HED)

June 07, 2021

Hypotheses

(H1c): The effect of role overload on alcohol misuse is mediated by psychological distress *(see Model 3b and Model 4b)*

Model 3b

Injunctive Norms

Table 1: Outcome: RAPI; N = 1143

Parameter	Estimates	SE	p-value
(Intercept)	0.396	0.082	0.000
sex	-0.129	0.070	0.064
race	0.282	0.080	0.000
age	0.006	0.039	0.879
baseline HED	0.413	0.030	0.000
baseline social desirability	-0.027	0.039	0.484
baseline impulsivity	0.048	0.035	0.178
lifestress	0.079	0.029	0.007
injunctive workplace norms	0.037	0.031	0.233
qualitative role overload	0.070	0.031	0.024
quantitative role overload	0.116	0.025	0.000
DASS	0.004	0.030	0.880

Descriptive Norms

Table 2: Outcome: RAPI; N = 1143

Parameter	Estimates	SE	p-value
(Intercept)	0.397	0.081	0.000
sex	-0.127	0.069	0.067
race	0.278	0.079	0.000
age	0.005	0.039	0.895
baseline HED	0.414	0.030	0.000
baseline social desirability	-0.027	0.038	0.471
baseline impulsivity	0.045	0.036	0.204
lifestress	0.076	0.029	0.009
descriptive workplace norms	0.041	0.027	0.121
qualitative role overload	0.069	0.031	0.028
quantitative role overload	0.115	0.025	0.000
DASS	0.006	0.029	0.836

Model 4b

Table 3: Outcome: DASS; N = 1144

Parameter	Estimates	SE	p-value
(Intercept)	-0.070	0.050	0.162
sex	0.189	0.046	0.000
race	-0.052	0.052	0.318
age	0.008	0.024	0.746
baseline HED	-0.063	0.021	0.003
baseline social desirability	-0.080	0.023	0.001
baseline impulsivity	0.279	0.026	0.000
lifestress	0.193	0.021	0.000
qualitative role overload	0.101	0.021	0.000
quantitative role overload	0.089	0.020	0.000

Estimate Mediated Effect using Model 3b and Model 4b

Injunctive Norms

Table 4: DASS-mediated effect of Qualitative Role Overload; Norms Covariate: Injunctive Norms

	Bootstrap Mean	Bootstrap 95%-CI LB	Bootstrap 95%-CI UB
Marginal Result	5e-04	-0.0055	0.0068

Table 5: DASS-mediated effect of Quantitative Role Overload; Norms Covariate: Injunctive Norms

	Bootstrap Mean	Bootstrap 95%-CI LB	Bootstrap 95%-CI UB
Marginal Result	4e-04	-0.005	0.0058

Descriptive Norms

Table 6: DASS-mediated effect of Qualitative Role Overload; Norms Covariate: Descriptive Norms

	Bootstrap Mean	Bootstrap 95%-CI LB	Bootstrap 95%-CI UB
Marginal Result	7e-04	-0.0053	0.0069

Table 7: DASS-mediated effect of Quantitative Role Overload; Norms Covariate: Descriptive Norms

	Bootstrap Mean	Bootstrap 95%-CI LB	Bootstrap 95%-CI UB
Marginal Result	5e-04	-0.0047	0.0059

Table 8: Outcome: HED

Table No.	QIC
1	594.9403
2	589.2637
3	2296.4475