Test H1c with number of past-month heavy drinking days (HED) as the outcome

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Hypotheses

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

Model 3

Injunctive Norms

Table 1: Outcome: Number of past-month heavy drinking days (HED); N = 1143; QIC = 594.94

Parameter	Estimates	SE	p-value
(Intercept)	0.4***	0.08	0.00
sex	-0.13†	0.07	0.06
race	0.28***	0.08	0.00
age	0.01	0.04	0.88
baseline HED	0.41***	0.03	0.00
baseline social desirability	-0.03	0.04	0.48
baseline impulsivity	0.05	0.04	0.18
lifestress	0.08**	0.03	0.01
injunctive workplace norms	0.04	0.03	0.23
qualitative role overload	0.07*	0.03	0.02
quantitative role overload	0.12***	0.02	0.00
DASS	0.00	0.03	0.88

Descriptive Norms

Table 2: Outcome: Number of past-month heavy drinking days (HED); N = 1143; QIC = 589.26

Parameter	Estimates	SE	p-value
(Intercept)	0.4***	0.08	0.00
sex	-0.13†	0.07	0.07
race	0.28***	0.08	0.00
age	0.01	0.04	0.89
baseline HED	0.41***	0.03	0.00
baseline social desirability	-0.03	0.04	0.47
baseline impulsivity	0.05	0.04	0.20
lifestress	0.08**	0.03	0.01
descriptive workplace norms	0.04	0.03	0.12
qualitative role overload	0.07*	0.03	0.03
quantitative role overload	0.11***	0.03	0.00
DASS	0.01	0.03	0.84

Model 4

Table 3: Outcome: DASS; N = 1144; QIC = 2296.45

Parameter	Estimates	SE	p-value
(Intercept)	-0.07	0.05	0.16
sex	0.19***	0.05	0.00
race	-0.05	0.05	0.32
age	0.01	0.02	0.75
baseline HED	-0.06***	0.02	0.00
baseline social desirability	-0.08***	0.02	0.00
baseline impulsivity	0.28***	0.03	0.00
lifestress	0.19***	0.02	0.00
qualitative role overload	0.1***	0.02	0.00
quantitative role overload	0.09***	0.02	0.00

Estimate Mediated Effect using Model 3 and Model 4

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	0.001	-0.005	0.007

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	0	-0.005	0.006

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	0.001	-0.005	0.007

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	0.001	-0.005	0.006