

# Test H1c with RAPI 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: RAPI; N = 913; QIC = -1476.49

Parameter	Estimates	SE	p-value
(Intercept)	0.83***	0.12	0.00
sex	-0.27**	0.10	0.01
race	-0.12	0.10	0.26
age	0.09†	0.05	0.07
baseline rutgers	0.28***	0.04	0.00
baseline social desirability	-0.04	0.06	0.49
baseline impulsivity	0.08	0.06	0.15
lifestress	0.1*	0.05	0.05
injunctive workplace norms	0.14***	0.04	0.00
qualitative role overload	0.05	0.04	0.20
quantitative role overload	0.09†	0.05	0.07
DASS	0.23***	0.05	0.00

## Descriptive Norms

Table 2: Outcome: RAPI; N = 913; QIC = -1588.4

Parameter	Estimates	SE	p-value
(Intercept)	0.81***	0.11	0.00
sex	-0.25**	0.10	0.01
race	-0.12	0.10	0.24
age	0.08†	0.05	0.10
baseline rutgers	0.29***	0.04	0.00
baseline social desirability	-0.05	0.06	0.42
baseline impulsivity	0.06	0.05	0.23
lifestress	0.09†	0.05	0.08
descriptive workplace norms	0.18***	0.05	0.00
qualitative role overload	0.04	0.04	0.30
quantitative role overload	0.09†	0.05	0.06
DASS	0.25***	0.05	0.00

## Model 4

Table 3: Outcome: DASS; N = 951; QIC = 1911.57

Parameter	Estimates	SE	p-value
(Intercept)	-0.1*	0.05	0.05
sex	0.24***	0.05	0.00
race	-0.07	0.05	0.19
age	-0.01	0.03	0.71
baseline rutgers	0.01	0.03	0.69
baseline social desirability	-0.06*	0.03	0.02
baseline impulsivity	0.26***	0.03	0.00
lifestress	0.2***	0.02	0.00
qualitative role overload	0.09***	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	0.021	0.008	0.035

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	0.019	0.008	0.033

### 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	0.022	0.009	0.037

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	0.02	0.009	0.035