

Analysis: Part Two

December 23, 2020

1 Null Hypotheses

- H1c: The effect of role overload on alcohol misuse is **not** mediated by psychological distress.
- H3: The distress-mediated effect of role overload on alcohol misuse does **not** change over time; i.e., the distress-mediated effect of role overload on alcohol misuse does **not** differ between the early and late onboarding phases

2 Drinking Outcome: HED

Table 1: DASS-mediated effect of Qualitative Role Overload on Drinking Outcome

	Bootstrap Mean	Bootstrap 95%-CI LB	Bootstrap 95%-CI UB
Early Onboarding Phase, Low DASS	0.0126	0.0021	0.0273
Early Onboarding Phase, Moderate DASS	0.0059	-0.0007	0.0155
Early Onboarding Phase, High DASS	-0.0007	-0.0081	0.0063
Late Onboarding Phase, Low DASS	0.0131	-0.0010	0.0302
Late Onboarding Phase, Moderate DASS	0.0069	-0.0032	0.0182
Late Onboarding Phase, High DASS	0.0008	-0.0092	0.0104

Table 2: DASS-mediated effect of Quantitative Role Overload on Drinking Outcome

	Bootstrap Mean	Bootstrap 95%-CI LB	Bootstrap 95%-CI UB
Early Onboarding Phase, Low DASS	0.0122	0.0021	0.0264
Early Onboarding Phase, Moderate DASS	0.0057	-0.0006	0.0150
Early Onboarding Phase, High DASS	-0.0007	-0.0079	0.0062
Late Onboarding Phase, Low DASS	0.0106	-0.0007	0.0252
Late Onboarding Phase, Moderate DASS	0.0056	-0.0026	0.0151
Late Onboarding Phase, High DASS	0.0005	-0.0077	0.0084

3 Drinking Outcome: RAPI

Table 3: DASS-mediated effect of Qualitative Role Overload on Drinking Outcome

	Bootstrap Mean	Bootstrap 95%-CI LB	Bootstrap 95%-CI UB
Early Onboarding Phase, Low DASS	0.0297	0.0051	0.0602
Early Onboarding Phase, Moderate DASS	0.0232	0.0038	0.0461
Early Onboarding Phase, High DASS	0.0166	0.0027	0.0336
Late Onboarding Phase, Low DASS	0.0338	0.0077	0.0680
Late Onboarding Phase, Moderate DASS	0.0313	0.0112	0.0578
Late Onboarding Phase, High DASS	0.0288	0.0110	0.0507

Table 4: DASS-mediated effect of Quantitative Role Overload on Drinking Outcome

	Bootstrap Mean	Bootstrap 95%-CI LB	Bootstrap 95%-CI UB
Early Onboarding Phase, Low DASS	0.0342	0.0102	0.0641
Early Onboarding Phase, Moderate DASS	0.0266	0.0083	0.0495
Early Onboarding Phase, High DASS	0.0191	0.0057	0.0356
Late Onboarding Phase, Low DASS	0.0264	0.0061	0.0535
Late Onboarding Phase, Moderate DASS	0.0246	0.0078	0.0462
Late Onboarding Phase, High DASS	0.0228	0.0073	0.0415