Additional Analysis: Add two-way and three-way interactions to Model 2

September 21, 2023

Model 2 with two-way interaction between psychological distress and injunctive drinking norms

RAPI

Table 1: Outcome: RAPI; N = 913; QIC = -1481.85

Parameter	Estimates	SE	p-value
(Intercept)	0.83***	0.11	0.000
sex	-0.27**	0.10	0.006
race	-0.11	0.10	0.277
age	0.09†	0.05	0.078
baseline rutgers	0.29***	0.04	0.000
baseline social desirability	-0.04	0.06	0.507
baseline impulsivity	0.08	0.06	0.159
lifestress	0.10†	0.05	0.057
injunctive workplace norms	0.12**	0.04	0.003
qualitative role overload	0.04	0.04	0.248
quantitative role overload	0.09†	0.05	0.075
DASS	0.23***	0.04	0.000
injunctive workplace norms x DASS	0.03	0.02	0.167

HED

Table 2: Outcome: Number of past-month heavy drinking days (HED); N = 1143; QIC = 595.04

Parameter	Estimates	SE	p-value
(Intercept)	0.40***	0.08	0.000
sex	-0.13†	0.07	0.066
race	0.28***	0.08	0.000
age	0.01	0.04	0.875
baseline HED	0.41***	0.03	0.000
baseline social desirability	-0.03	0.04	0.443
baseline impulsivity	0.05	0.04	0.188
lifestress	0.08**	0.03	0.006
injunctive workplace norms	0.04	0.03	0.192
qualitative role overload	0.07*	0.03	0.021
quantitative role overload	0.12***	0.02	0.000
DASS	0.01	0.03	0.767
injunctive workplace norms x DASS	-0.03	0.02	0.173

Model 2 with three-way interaction between psychological distress, injunctive drinking norms, and time

RAPI

Table 3: Outcome: RAPI; N = 913; QIC = -1504.32

Parameter	Estimates	SE	p-value
(Intercept)	0.83***	0.11	0.000
sex	-0.28**	0.10	0.005
race	-0.11	0.10	0.289
age	0.09†	0.05	0.068
baseline rutgers	0.29***	0.04	0.000
baseline social desirability	-0.04	0.06	0.490
baseline impulsivity	0.08	0.06	0.158
lifestress	0.10*	0.05	0.037
injunctive workplace norms	0.12**	0.04	0.003
qualitative role overload	0.03	0.04	0.374
quantitative role overload	0.09†	0.05	0.070
DASS	0.17***	0.05	0.000
injunctive workplace norms x DASS	0.05†	0.03	0.070
DASS x time	0.12†	0.06	0.060
injunctive workplace norms x DASS x time	-0.04	0.05	0.404

HED

Table 4: Outcome: Number of past-month heavy drinking days (HED); N = 1143; QIC = 597.41

Parameter	Estimates	SE	p-value
(Intercept)	0.40***	0.08	0.000
sex	-0.13†	0.07	0.065
race	0.28***	0.08	0.000
age	0.01	0.04	0.876
baseline HED	0.41***	0.03	0.000
baseline social desirability	-0.03	0.04	0.442
baseline impulsivity	0.05	0.04	0.187
lifestress	0.08**	0.03	0.006
injunctive workplace norms	0.04	0.03	0.191
qualitative role overload	0.07*	0.03	0.021
quantitative role overload	0.12***	0.03	0.000
DASS	0.01	0.03	0.745
injunctive workplace norms x DASS	-0.03	0.03	0.221
DASS x time	-0.01	0.04	0.892
injunctive workplace norms x DASS x time	0.01	0.04	0.881