

## Supplementary File 2

Table 1. Estimates of regression models with ARP as the outcome

	Model 1		Model 2		Model 3		Model 5		Model 7	
	(H1a, H1b)		(H4)		(H1c)		(H2)		(H3)	
N	914		914		913		913		913	
QIC	-1258.94		-1281.02		-1476.49		-1517.92		-1528.97	
Parameter	Estimate	SE	Estimate	SE	Estimate	SE	Estimate	SE	Estimate	SE
Intercept	0.82***	0.12	0.74***	0.12	0.83***	0.12	0.74***	0.12	0.81***	0.12
Sex (1 = Female; 0 = Male)	-0.19†	0.10	-0.19†	0.10	-0.27**	0.10	-0.26**	0.10	-0.26*	0.10
Race (1 = White; 0 = Other)	-0.14	0.11	-0.14	0.11	-0.12	0.10	-0.12	0.10	-0.12	0.10
Age	0.09†	0.05	0.09†	0.05	0.09†	0.05	0.09†	0.05	0.10†	0.05
Baseline ARP	0.28***	0.04	0.27***	0.04	0.28***	0.04	0.29***	0.04	0.28***	0.04
Baseline social desirability	-0.05	0.06	-0.05	0.06	-0.04	0.06	-0.04	0.06	-0.04	0.06
Baseline impulsivity	0.15**	0.06	0.15**	0.06	0.08	0.06	0.08	0.06	0.08	0.06
Life stress	0.16***	0.05	0.16***	0.05	0.10*	0.05	0.11*	0.05	0.11*	0.05
Injunctive workplace norms	0.14***	0.04	0.14***	0.04	0.14***	0.04	0.14***	0.04	0.14***	0.04
Qualitative role overload	0.06†	0.04	0.13**	0.05	0.05	0.04	0.12*	0.05	0.11*	0.05
Quantitative role overload	0.13*	0.05	0.11†	0.06	0.09†	0.05	0.07	0.06	0.07	0.06
Time (0 = Early; 1 = Late)			0.16**	0.06			0.15*	0.06	0.10	0.09
Injunctive workplace norms × Time			0.00	0.06						
Qualitative role overload × Time			-0.13†	0.07			-0.16*	0.07	-0.15*	0.07
Quantitative role overload × Time			0.04	0.07			0.05	0.07	0.05	0.07
Psychological distress					0.23***	0.05	0.21***	0.05	0.32***	0.06
Psychological distress × Time							0.06	0.06	-0.01	0.09
Psychological distress <sup>2</sup>									-0.08**	0.03
Psychological distress <sup>2</sup> × Time									0.06	0.06
Simple slopes			Estimate	SE						
Qualitative role overload (Time=0)			0.13**	0.05						
Quantitative role overload (Time=0)			0.11†	0.06						
Injunctive workplace norms (Time=0)			0.14***	0.04						
Qualitative role overload (Time=1)			0.00	0.05						
Quantitative role overload (Time=1)			0.01	0.10						
Injunctive workplace norms (Time=1)			0.14*	0.06						

Note. Analyses involving ARP were restricted to participants who reported any drinking in the past month at time 0 or time 1.  
QIC=Quasi-likelihood under the Independence Model Criterion, SE=Standard Error; †p≤0.10, \*p≤0.05, \*\*p≤0.01, \*\*\*p≤0.001

Table 2. Estimates of regression models with HED as the outcome

	Model 1		Model 2		Model 3		Model 5		Model 7	
	(H1a, H1b)		(H4)		(H1c)		(H2)		(H3)	
N	1143		1143		1143		1143		1143	
QIC	596.13		570.61		594.94		577.73		548.11	
Parameter	Estimate	SE	Estimate	SE	Estimate	SE	Estimate	SE	Estimate	SE
Intercept	0.40***	0.08	0.38***	0.09	0.40***	0.08	0.37***	0.09	0.46***	0.09
Sex (1 = Female; 0 = Male)	-0.13†	0.07	-0.13†	0.07	-0.13†	0.07	-0.13†	0.07	-0.14†	0.07
Race (1 = White; 0 = Other)	0.28***	0.08	0.28***	0.08	0.28***	0.08	0.28***	0.08	0.27***	0.08
Age	0.01	0.04	0.00	0.04	0.01	0.04	0.01	0.04	0.01	0.04
Baseline HED	0.41***	0.03	0.41***	0.03	0.41***	0.03	0.41***	0.03	0.41***	0.03
Baseline social desirability	-0.03	0.04	-0.03	0.04	-0.03	0.04	-0.03	0.04	-0.02	0.04
Baseline impulsivity	0.05	0.03	0.05	0.03	0.05	0.04	0.05	0.04	0.04	0.04
Life stress	0.08**	0.03	0.08**	0.03	0.08**	0.03	0.08**	0.03	0.08**	0.03
Injunctive workplace norms	0.04	0.03	0.01	0.03	0.04	0.03	0.04	0.03	0.04	0.03
Qualitative role overload	0.07*	0.03	0.15***	0.04	0.07*	0.03	0.15***	0.04	0.14***	0.04
Quantitative role overload	0.12***	0.02	0.11***	0.03	0.12***	0.02	0.11***	0.03	0.11***	0.03
Time (0 = Early; 1 = Late)			0.03	0.04			0.04	0.04	0.02	0.05
Injunctive workplace norms × Time			0.06	0.04						
Qualitative role overload × Time			-0.15***	0.04			-0.15***	0.04	-0.15***	0.04
Quantitative role overload × Time			0.02	0.03			0.02	0.03	0.02	0.03
Psychological distress					0.00	0.03	0.00	0.03	0.06	0.04
Psychological distress × Time							0.02	0.04	0.00	0.04
Psychological distress <sup>2</sup>									-0.07**	0.03
Psychological distress <sup>2</sup> × Time									0.02	0.04
Simple slopes			Estimate	SE						
Qualitative role overload (Time=0)			0.15***	0.04						
Quantitative role overload (Time=0)			0.11***	0.03						
Injunctive workplace norms (Time=0)			0.01	0.03						
Qualitative role overload (Time=1)			0.00	0.04						
Quantitative role overload (Time=1)			-0.03	0.06						
Injunctive workplace norms (Time=1)			0.07†	0.04						

Note. QIC=Quasi-likelihood under the Independence Model Criterion, SE=Standard Error; †p≤0.10, \*p≤0.05, \*\*p≤0.01, \*\*\*p≤0.001

Table 3. Estimates of regression models with psychological distress as the outcome and baseline drinking behavior operationalized as baseline ARP

	Model 4		Model 6	
	(H1c)		(H2, H3)	
N	951		951	
QIC	1911.57		1912.06	
Parameter	Estimate	SE	Estimate	SE
Intercept	-0.10†	0.05	-0.11*	0.06
Sex (1 = Female; 0 = Male)	0.24***	0.05	0.24***	0.05
Race (1 = White; 0 = Other)	-0.07	0.05	-0.07	0.05
Age	-0.01	0.03	-0.01	0.03
Baseline ARP	0.01	0.03	0.01	0.02
Baseline social desirability	-0.06*	0.03	-0.06*	0.03
Baseline impulsivity	0.26***	0.03	0.26***	0.03
Life stress	0.20***	0.02	0.20***	0.02
Qualitative role overload	0.09***	0.02	0.08*	0.03
Quantitative role overload	0.09***	0.02	0.09**	0.03
Time (0 = Early; 1 = Late)			0.01	0.03
Qualitative role overload × Time			0.03	0.04
Quantitative role overload × Time			0.00	0.03

Note. QIC=Quasi-likelihood under the Independence Model Criterion, SE=Standard Error

†p≤0.10, \*p≤0.05, \*\*p≤0.01, \*\*\*p≤0.001

Table 4. Estimates of regression models with psychological distress as the outcome and baseline drinking behavior operationalized as baseline HED

	Model 4		Model 6	
	(H1c)		(H2, H3)	
N	1144		1144	
QIC	2296.45		2297.08	
Parameter	Estimate	SE	Estimate	SE
Intercept	-0.07	0.05	-0.07	0.05
Sex (1 = Female; 0 = Male)	0.19***	0.05	0.19***	0.05
Race (1 = White; 0 = Other)	-0.05	0.05	-0.05	0.05
Age	0.01	0.02	0.01	0.02
Baseline HED	-0.06**	0.02	-0.06**	0.02
Baseline social desirability	-0.08***	0.02	-0.08***	0.02
Baseline impulsivity	0.28***	0.03	0.28***	0.03
Life stress	0.19***	0.02	0.19***	0.02
Qualitative role overload	0.10***	0.02	0.09***	0.03
Quantitative role overload	0.09***	0.02	0.08**	0.03
Time (0 = Early; 1 = Late)			0.01	0.03
Qualitative role overload × Time			0.03	0.03
Quantitative role overload × Time			0.01	0.03

Note. QIC=Quasi-likelihood under the Independence Model Criterion, SE=Standard Error

†p≤0.10, \*p≤0.05, \*\*p≤0.01, \*\*\*p≤0.001