Supplementary Material

Title: Changes in Alcohol-Related Behaviors and Quality of Life During the COVID-19 Pandemic: Impact of Alcohol Use Disorder Diagnosis and Treatment History

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List of Supplementary Material for the Brief Report

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Supplementary Table 1. Effects of Time on Alcohol-Related and Quality of Life Outcomes by AUD-Treatment Status

	A. Problematic Drinking		B. Alcohol Craving		C. Physical Quality of Life	
	b (95% CIs)	*p*	*b* (95% CIs)	*p*	*b* (95% CIs)	*p*
Healthy Control						
T2 vs T1	0.13 (-0.89, 1.15)	0.805	**1.72 (0.69, 2.76)**	**0.001**	**-5.13 (-7.47, -2.79)**	**<0.001**
T3 vs T1	0.07 (-0.95, 1.09)	0.895	**2.69 (1.65, 3.73)**	**<0.001**	**-12.51 (-14.85, -10.17)**	**<0.001**
T3 vs T2	-0.06 (-1.08, 0.96)	0.907	0.96 (-0.06, 1.98)	0.065	**-7.38 (-9.67, -5.09)**	**<0.001**
Non-Treatment AUD						
T2 vs T1	**-2.84 (-4.88, -0.81)**	**0.006**	**-2.68 (-4.62, -0.75)**	**0.007**	-2.54 (-7.00, 1.91)	0.263
T3 vs T1	**-2.56 (-4.58, -0.53)**	**0.013**	-0.17 (-2.11, 1.76)	0.860	**-14.89 (-19.35, -10.44)**	**<0.001**
T3 vs T2	0.29 (-1.74, 2.32)	0.781	**2.51 (0.59, 4.43)**	**0.011**	**-12.35 (-16.74, -7.96)**	**<0.001**
Treatment AUD						
T2 vs T1	**-11.99 (-13.43, -10.55)**	**<0.001**	**5.51 (3.99, 7.04)**	**<0.001**	1.97 (-1.76, 5.70)	0.300
T3 vs T1	**-13.76 (-15.20, -12.32)**	**<0.001**	**4.82 (3.29, 6.34)**	**<0.001**	-1.08 (-4.80, 2.65)	0.571
T3 vs T2	**-1.77 (-3.19, -0.34)**	**0.015**	-0.69 (-2.16, 0.77)	0.353	-3.05 (-6.74, 0.64)	0.106

	D. Psychological Quality of Life		E. Social Quality of Life		F. Environment Quality of Life	
	b (95% CIs)	*p*	*b* (95% CIs)	*p*	*b* (95% CIs)	*p*
Healthy Control						
T2 vs T1	**-7.87 (-10.55, -5.18)**	**<0.001**	**-8.90 (-12.28, -5.52)**	**<0.001**	**-4.05 (-6.52, -1.57)**	**0.001**
T3 vs T1	**-15.96 (-18.65, -13.28)**	**<0.001**	**-12.53 (-15.90, -9.15)**	**<0.001**	**-11.27 (-13.74, -8.80)**	**<0.001**
T3 vs T2	**-8.10 (-10.73, -5.47)**	**<0.001**	**-3.63 (-6.93, -0.32)**	**0.032**	**-7.22 (-9.64, -4.80)**	**<0.001**
Non-Treatment AUD						
T2 vs T1	**-5.72 (-10.84, -0.60)**	**0.029**	-4.61 (-11.05, 1.83)	0.161	2.19 (-2.53, 6.90)	0.363
T3 vs T1	**-17.52 (-22.64, -12.41)**	**<0.001**	**-13.81 (-20.26, -7.37)**	**<0.001**	**-5.76 (-10.47, -1.04)**	**0.017**
T3 vs T2	**-11.81 (-16.85, -6.76)**	**<0.001**	**-9.20 (-15.55, -2.85)**	**0.005**	**-7.94 (-12.59, -3.30)**	**<0.001**
Treatment AUD						
T2 vs T1	**5.51 (1.23, 9.79)**	**0.012**	1.62 (-3.77, 7.01)	0.556	1.64 (-2.31, 5.58)	0.416
T3 vs T1	4.10 (-0.18, 8.38)	0.061	3.33 (-2.06, 8.72)	0.225	-1.40 (-5.34, 2.55)	0.487
T3 vs T2	-1.41 (-5.65, 2.83)	0.515	1.72 (-3.62, 7.05)	0.529	-3.03 (-6.94, 0.87)	0.128

Multilevel models adjusted for age, sex, race, cohort, and enrollment phase. Regression coefficients were unstandardized. The ranges of possible scores were from 0 to 40 for the Alcohol Use Disorders Identification Test, 0 to 30 for Penn Alcohol Craving Scale, and 0 to 100 for each of the four World Health Organization QoL - BREF domains.