

Supplementary Table S1. Pearson correlations among psychosocial factors, message exposure, perceptions, and support

	Psychosocial factors			Message exposure				Perceptions						Use intentions		Support			
	PHQ-4		ACEs	Promotional		Risk		Addictiveness		Harm		Acceptability		Legalization		Risk minimization			
	Depression	Anxiety		Cannabis	Psychedelics	Cannabis	Psychedelics	Cannabis	Psychedelics	Cannabis	Psychedelics	Cannabis	Psychedelics	Cannabis	Psychedelics	Cannabis	Psychedelics		
Psychosocial factors																			
PHQ-Anxiety	.67	1																	
ACEs	.27	.26	1																
Message exposure																			
<i>Promotional</i>																			
Cannabis	.14	.15	.09	1															
Psychedelics	.14	.13	.08	.34	1														
<i>Risk</i>																			
Cannabis	.11	.09	.07	.50	.28	1													
Psychedelics	.11	.10	-.08	.21	.55	.40	1												
Perceptions																			
<i>Addictiveness</i>																			
Cannabis	.01	-.01	.05	.05	.01	.06	.01	1											
Psychedelics	-.04	-.01	.01	-.01	-.04	.02	.03	.49	1										
<i>Harm</i>																			
Cannabis	-.06	-.07	-.18	-.01	.03	.02	.05	.54	.35	1									
Psychedelics	-.07	-.07	-.06	-.05	-.08	-.01	.01	.38	.64	.46	1								
<i>Acceptability</i>																			
Cannabis	.10	.13	.21	.17	-.01	-.07	-.02	-.09	-.04	-.29	-.10	1							
Psychedelics	.12	.11	.13	.14	.17	.08	.10	-.03	-.15	-.07	-.29	.43	1						
Use intentions																			
Cannabis	.09	.10	.21	.13	.09	.13	.09	-.24	-.15	-.36	-.21	.38	.30	1					
Psychedelics	.13	.09	-.08	.12	.28	.12	.23	-.06	-.15	-.01	-.25	.13	.51	.37	1				
Legalization support																			
Cannabis	.11	.14	.17	.12	-.01	.07	-.02	-.25	-.10	-.44	-.22	.46	.19	.43	.78	1			
Psychedelics	.11	.10	.07	.13	.13	.07	.06	-.16	-.25	-.18	-.38	.22	.34	.27	.29	.43	1		

Notes: Bold indicates significant (p<.05).

Supplementary Table S2. Cannabis and psychedelic perceptions, use intentions, and legalization support among US young adults, N=3,227

Variable*	M (SD)	More	Equal	Less
	M (SD)	%	%	%
<i>Perceived addictiveness</i>				
Cannabis	4.24 (1.85)	--	--	--
Psychedelics (index score of those below)	4.54 (1.78)	45.7	19.7	34.6
LSD	4.33 (2.05)	34.4	32.3	33.3
Psilocybin/amanita	4.15 (2.03)	30.4	33.7	45.9
MDMA	4.80 (1.94)	44.8	30.4	24.8
Ketamine	4.89 (1.91)	46.6	30.2	23.2
<i>Perceived harm</i>				
Cannabis	3.55 (1.85)	--	--	--
Psychedelics (index score of those below)	5.12 (1.60)	88.1	15.4	11.9
LSD	5.13 (1.88)	63.4	25.4	11.2
Psilocybin/amanita	4.59 (1.98)	52.7	31.5	15.8
MDMA	5.40 (1.66)	70.2	22.5	7.3
Ketamine	5.35 (1.72)	67.6	23.8	8.6
<i>Perceived social acceptability</i>				
Cannabis	5.22 (1.93)	--	--	--
Psychedelics (index score of those below)	2.73 (1.66)	4.3	13.2	82.4
LSD	2.72 (1.82)	3.3	18.0	78.7
Psilocybin/amanita	3.13 (1.95)	4.2	21.6	74.1
MDMA	2.67 (1.83)	3.7	17.4	78.9
Ketamine	2.42 (1.74)	4.0	16.5	79.5
<i>Next-year use intentions</i>				
Cannabis	3.34 (2.51)	--	--	--
Psychedelics (index score of those below)	1.55 (1.21)	5.5	43.9	50.1
LSD	1.51 (1.30)	3.0	47.5	49.4
Psilocybin/amanita	1.76 (1.57)	5.0	48.2	46.8
MDMA	1.48 (1.28)	2.9	47.9	48.2
Ketamine	1.45 (1.26)	3.6	46.4	50.0
<i>Legalization support</i>				
Cannabis	3.88 (1.18)	--	--	--
Psychedelics	2.83 (1.24)	8.0	26.0	66.0

Notes: *1=not at all to 7=extremely. Bold M and SD indicates significantly different vs. cannabis. Each psychedelic perception and use intention were significantly correlated ($p's < .05$). % were yielded by subtracting psychedelic from cannabis measures and identifying % reporting less, equal, or more/higher.