

e-Table 1. Association between cannabis behaviors at baseline and individual CAST items at follow-up

Characteristic	Used cannabis before noon	Used cannabis while alone	Experienced memory problems	Friends/family told to reduce use	Unsuccessful attempts to quit or reduce use	Experienced problems because of cannabis use
	aOR ^a (95% CI)	aOR ^a (95% CI)	aOR ^a (95% CI)	aOR ^a (95% CI)	aOR ^a (95% CI)	aOR ^a (95% CI)
Number of modes used, <i>n</i> = 420						
1 mode	Ref	Ref	Ref	Ref	Ref	Ref
2 modes	1.57 (0.77, 3.19)	1.69 (0.84, 3.42)	1.68 (0.81, 3.51)	†	†	2.43 (0.75, 7.86)
3 modes	2.02 (0.96, 4.26)	3.58 (1.73, 7.39)	1.97 (0.91, 4.27)	†	†	2.57 (0.74, 8.90)
4 modes	1.52 (0.72, 3.19)	2.66 (1.29, 5.47)	1.79 (0.83, 3.87)	†	†	4.22 (1.31, 13.6)
Product type first used among past 6-month users, <i>n</i> = 315						
Edibles	Ref	Ref	Ref	Ref	Ref	Ref
Flower	1.69 (0.80, 3.55)	1.15 (0.56, 2.37)	1.20 (0.56, 2.59)	0.53 (0.18, 1.58)	0.55 (0.19, 1.58)	0.28 (0.09, 8.86)
Concentrates	1.62 (0.79, 3.33)	1.26 (0.63, 2.54)	1.38 (0.66, 2.89)	0.54 (0.19, 1.55)	1.45 (0.59, 3.56)	0.40 (0.15, 1.07)
Other	0.90 (0.37, 2.18)	0.77 (0.33, 1.82)	0.64 (0.25, 1.65)	†	†	†
Product type used most often in the past 6 months, <i>n</i> = 315						
Edibles	Ref	Ref	Ref	Ref	Ref	Ref
Flower	1.39 (0.58, 3.31)	0.73 (0.32, 1.69)	0.94 (0.38, 2.31)	0.73 (0.20, 2.72)	0.71 (0.21, 2.42)	0.69 (0.20, 2.38)
Concentrates	2.09 (0.93, 4.70)	1.24 (0.58, 2.66)	1.39 (0.61, 3.17)	0.86 (0.25, 2.96)	1.71 (0.59, 4.86)	0.75 (0.24, 2.29)
Other	0.89 (0.33, 2.37)	0.48 (0.18, 1.27)	0.50 (0.18, 1.43)	†	†	†
Cannabinoid used most often in the past 30 days, <i>n</i> = 347						
Mostly CBD	Ref	Ref	Ref	Ref	Ref	Ref
Mostly THC	1.86 (0.79, 4.37)	2.07 (0.88, 4.86)	0.87 (0.36, 2.10)	1.73 (0.59, 5.05)	0.71 (0.25, 2.06)	0.95 (0.32, 2.88)
A mix of THC and CBD	0.68 (0.27, 1.68)	0.71 (0.30, 1.72)	0.44 (0.16, 1.22)	†	†	†
Don't know	0.50 (0.27, 0.94)	0.57 (0.31, 1.04)	0.42 (0.22, 0.81)	0.45 (0.17, 1.18)	0.35 (0.15, 0.83)	0.41 (0.16, 1.06)
Past 30-day use frequency among past 30-day users, <i>n</i> = 282						
1-2 days	Ref	Ref	Ref	Ref	Ref	Ref
3-9 days	0.80 (0.39, 1.66)	1.06 (0.53, 2.11)	0.83 (0.38, 1.82)	1.77 (0.50, 6.20)	2.48 (0.84, 7.29)	1.54 (0.48, 4.97)
10+ days	1.23 (0.60, 2.53)	1.40 (0.70, 2.80)	1.87 (0.88, 3.97)	6.07 (1.92, 19.0)	4.41 (1.56, 12.5)	2.84 (0.95, 8.47)
Combustible cannabis: no. joints, blunts, bowls smoked per day, <i>n</i> = 335						
1 per day	Ref	Ref	Ref	Ref	Ref	Ref
2 per day	2.55 (1.08, 6.05)	1.81 (0.78, 4.16)	1.52 (0.64, 3.60)	1.25 (0.34, 4.57)	0.82 (0.27, 2.51)	1.18 (0.35, 3.94)
3 per day	1.45 (0.57, 3.70)	0.85 (0.34, 2.15)	1.50 (0.58, 3.90)	1.66 (0.47, 5.89)	0.75 (0.22, 2.54)	†
4+ per day	0.58 (0.17, 1.99)	0.42 (0.13, 1.40)	†	2.57 (0.55, 12.0)	†	†
Vaped THC: no. times vape device picked up per day, <i>n</i> = 342						
1 per day	Ref	Ref	Ref	Ref	Ref	Ref
2 per day	0.59 (0.24, 1.46)	1.69 (0.71, 3.99)	0.62 (0.25, 1.57)	†	1.33 (0.38, 4.58)	1.50 (0.40, 5.57)
3 per day	1.06 (0.38, 2.99)	1.67 (0.60, 4.66)	0.72 (0.25, 2.05)	1.56 (0.43, 5.60)	1.88 (0.53, 6.66)	†
4+ per day	0.68 (0.27, 1.70)	0.86 (0.35, 2.12)	0.60 (0.23, 1.55)	1.92 (0.60, 6.12)	2.32 (0.76, 7.12)	2.12 (0.65, 6.87)
Vaped THC: no. puffs taken before putting device away, <i>n</i> = 347						
1 puff	Ref	Ref	Ref	Ref	Ref	Ref
2 puffs	1.44 (0.55, 3.76)	1.79 (0.71, 4.52)	2.54 (0.94, 6.84)	†	†	†
3 puffs	1.91 (0.75, 4.87)	2.00 (0.80, 4.98)	2.00 (0.75, 5.33)	†	†	†
4+ puffs	1.10 (0.37, 3.25)	0.95 (0.33, 2.73)	1.26 (0.40, 3.93)	†	†	†

^aAdjusted for race/ethnicity, highest parental education, gender identity, sexuality, financial status, baseline CUD, past 30-day nicotine and/or alcohol use.

†Estimate suppressed due to low cell count (<5).

e-Table 2. Cannabis product types used most often and probable CUD at follow-up (N= 315)		
Product type used most often	Baseline Total (n, col %)	Probable CUD at follow-up (n, row %)
	315 (100)	92 (29.2)
Among past 6-month users at baseline:		
Edibles used most often, n = 57		
Foods (baked goods, gummies, candy)	55 (96.5)	14 (25.4)
Drinks (infused seltzers/syrups)	2 (3.5)	0 (0.0)
Plant material/flower used most often, n = 87		
Blunts	29 (33.3)	6 (20.7)
Joints or pipes (“bowls”)	28 (32.2)	8 (28.6)
Bongs	15 (17.2)	7 (46.7)
Flower used in a vaporizer	15 (17.2)	5 (33.3)
Concentrates used most often, n = 118		
Vape pen used to vape concentrates	108 (91.5)	41 (38.0)
Dab rig (wax, shatter, budder, etc)	10 (8.5)	3 (30.0)
Other product type used most often, n = 53		
Tinctures	1 (1.9)	0 (0.0)
Topicals containing THC	26 (49.1)	4 (15.4)
Capsules/pills	1 (1.9)	0 (0.0)
Other product type not listed	25 (47.2)	4 (16.0)