

**Appendix D: Multivariate regression for pain-specific patient-reported outcome**

measures. Odds ratios and 95% confidence intervals with corresponding p-values were calculated in IBM Statistical Package for Social Sciences (SPSS) version 29. P-values shown; (\*\*=p<0.001, \*=p<0.010, \*p<0.050). Green shading = p<0.050

BPI Pain Severity				
Variable		n	OR (95% CI)	P-value
Age (years)	18-40	29	1	
	40+	35	7.79 (1.40-43.32)	0.019*
BMI (kg/m <sup>2</sup> )	≤25	25	1	
	25-30	17	0.69 (0.13-3.72)	0.665
	30+	20	4.25 (0.74-24.41)	0.104
Gender	Female	31	1	
	Male	33	0.25 (0.06-1.08)	0.064
Cannabis Status	Never Used	22	1	
	Current or Ex-User	42	9.85 (0.95-101.75)	0.055
CBD Dose	≤Median Dose of Cohort (≤20.00mg/day)	26	1	
	≥Median Dose of Cohort (≥20.00mg/day)	38	0.72 (0.18-2.87)	0.639
THC Dose	≤Median Dose of Cohort (≤117.86mg/day)	32	1	
	≥Median Dose of Cohort (≥117.86mg/day)	32	1.52 (0.26-8.74)	0.641
Route of CBMP Administration	Oils	18	1	
	Dried Flower or Both	46	1.14 (0.10-13.03)	0.914

Pain VAS				
Variable		n	OR (95% CI)	p-value
Age (years)	18-40	29	1	
	40+	34	2.73 (0.89-15.65)	0.072
BMI (kg/m <sup>2</sup> )	≤25	25	1	
	25-30	16	0.60 (0.13-2.81)	0.520
	30+	20	3.41 (0.71-16.43)	0.127
Gender	Female	31	1	
	Male	32	0.65 (0.18-2.39)	0.517
Cannabis Status	Never Used	21	1	
	Current or Ex-User	42	28.63 (2.53-324.51)	0.007**
CBD Dose	≤Median Dose of Cohort (≤20.00mg/day)	26	1	
	≥Median Dose of Cohort (≥20.00mg/day)	37	0.51 (0.15-1.83)	0.303
THC Dose	≤Median Dose of Cohort (≤117.86mg/day)	31	1	
	≥Median Dose of Cohort (≥117.86mg/day)	32	0.56 (0.12-2.58)	0.459
Route of CBMP Administration	Oils	18	1	
	Dried Flower or Both	45	0.60 (0.07-5.44)	0.646

SF-MPQ-2 Overall Score				
Variable		n	OR (95% CI)	P-value
Age (years)	18-40	29	1	
	40+	34	1.84 (0.53-6.36)	0.334
BMI (kg/m <sup>2</sup> )	≤25	25	1	
	25-30	16	0.93 (0.22-3.96)	0.917
	30+	20	1.69 (0.42-6.85)	0.462
Gender	Female	31	1	
	Male	32	0.34 (0.10-1.21)	0.097
Cannabis Status	Never Used	21	1	
	Current or Ex-User	42	2.80 (0.53-14.89)	0.227
CBD Dose	≤Median Dose of Cohort (≤20.00mg/day)	26	1	
	≥Median Dose of Cohort (≥20.00mg/day)	37	1.43 (0.43-4.74)	0.558
THC Dose	≤Median Dose of Cohort (≤117.86mg/day)	31	1	
	≥Median Dose of Cohort (≥117.86mg/day)	32	0.90 (0.22-3.68)	0.879
Route of CBMP Administration	Oils	18	1	
	Dried Flower or Both	45	3.10 (0.42-22.79)	0.267

OR - odds ratio, 95% CI - 95% confidence interval, BPI - Brief Pain Inventory, SF-MPQ-2 - Short Form McGill Pain Questionnaire-2, Pain VAS - Pain Visual Analogue Scale, BMI - body mass index, CBD – cannabidiol, THC – tetrahydrocannabinol, CBMP – cannabis-based medicinal product.