

Table S5. Fully Adjusted Negative Binomial Regression Models Run Separately for Black/African American Respondents and White Respondents

	Rate Ratio (95% CI)					
	Black/African American (n=302)			White (n=1378)		
	Total LPT	Presenteeism	Absenteeism	Total LPT	Presenteeism	Absenteeism
MHDs (reference: ≤3 MHDs)						
4-7	1.78 (1.29, 2.46)	1.87 (1.26, 2.78)	1.57 (1.06, 2.32)	2.06 (1.78, 2.38)	2.09 (1.78, 2.46)	1.90 (1.56, 2.31)
8-14	2.79 (1.96, 3.97)	2.83 (1.86, 4.29)	3.05 (1.97, 4.71)	3.23 (2.72, 3.83)	3.63 (3.00, 4.39)	2.35 (1.87, 2.96)
≥15	3.87 (2.52, 5.96)	3.94 (2.37, 6.56)	3.50 (2.06, 5.95)	4.65 (3.86, 5.61)	5.25 (4.26, 6.46)	3.29 (2.58, 4.19)
mTOQ-5 score (reference: 5)						
4	1.06 (0.76, 1.49)	1.05 (0.69, 1.58)	1.07 (0.71, 1.62)	1.22 (1.03, 1.44)	1.19 (0.99, 1.43)	1.21 (0.96, 1.51)
3	1.50 (1.04, 2.17)	1.55 (1.00, 2.41)	1.30 (0.83, 2.03)	1.46 (1.23, 1.73)	1.42 (1.17, 1.72)	1.51 (1.20, 1.91)
2	1.52 (0.95, 2.43)	1.51 (0.86, 2.64)	1.55 (0.86, 2.82)	1.48 (1.21, 1.80)	1.41 (1.13, 1.76)	1.71 (1.32, 2.22)
≤1	1.69 (1.03, 2.75)	1.60 (0.89, 2.90)	2.03 (1.12, 3.66)	1.58 (1.28, 1.94)	1.44 (1.14, 1.82)	1.99 (1.52, 2.62)
Female	0.97 (0.65, 1.43)	0.86 (0.53, 1.40)	0.99 (0.61, 1.61)	0.80 (0.70, 0.93)	0.92 (0.79, 1.08)	0.57 (0.47, 0.68)
Annual household income (reference: <\$30,000)						
\$30,000-\$49,999	0.95	1.02	0.78	1.05	1.04	1.14

	(0.57, 1.57)	(0.56, 1.86)	(0.41, 1.50)	(0.83, 1.33)	(0.80, 1.35)	(0.84, 1.57)
\$50,000–\$74,999	0.87	0.88	0.89	1.05	1.04	1.20
	(0.53, 1.42)	(0.49, 1.56)	(0.48, 1.65)	(0.83, 1.31)	(0.80, 1.33)	(0.89, 1.62)
≥\$75,000	1.05	0.95	1.21	0.96	0.98	0.99
	(0.64, 1.74)	(0.52, 1.71)	(0.65, 2.27)	(0.77, 1.20)	(0.77, 1.26)	(0.74, 1.33)
Ethnicity, Hispanic/Latinx (reference: not Hispanic/Latinx)	0.82 (0.53, 1.28)	0.94 (0.55, 1.60)	0.67 (0.39, 1.18)	1.15 (0.98, 1.35)	1.05 (0.88, 1.26)	1.42 (1.15, 1.75)
Education (reference: high school or less)						
Some college, technical school, or technical school degree	1.34 (0.73, 2.47)	1.39 (0.66, 2.92)	1.49 (0.69, 3.20)	1.03 (0.85, 1.25)	1.10 (0.89, 1.36)	0.87 (0.68, 1.13)
4-year college degree	1.25 (0.67, 2.31)	1.39 (0.66, 2.93)	1.14 (0.52, 2.48)	1.01 (0.83, 1.23)	1.06 (0.85, 1.32)	0.85 (0.65, 1.10)
Post-college degree	1.09 (0.48, 2.46)	1.64 (0.61, 4.41)	0.47 (0.16, 1.38)	1.02 (0.82, 1.27)	1.17 (0.91, 1.49)	0.68 (0.51, 0.92)
Health insurance	1.24 (0.68, 2.26)	1.22 (0.60, 2.49)	1.28 (0.60, 2.74)	1.07 (0.83, 1.37)	0.98 (0.74, 1.30)	1.38 (0.98, 1.00)
Age (10-year intervals)	0.99 (0.86, 1.14)	1.05 (0.88, 1.24)	0.91 (0.76, 1.08)	0.89 (0.84, 0.94)	0.87 (0.82, 0.93)	0.94 (0.87, 1.01)
BMI	1.01 (0.99, 1.03)	1.01 (0.99, 1.04)	1.00 (0.98, 1.03)	1.00 (0.99, 1.01)	1.00 (1.00, 1.01)	0.99 (0.98, 1.00)
Allodynia presence (ASC ≥3)	1.18 (0.90, 1.54)	1.33 (0.97, 1.84)	0.95 (0.68, 1.31)	1.25 (1.10, 1.42)	1.24 (1.07, 1.43)	1.30 (1.09, 1.54)
MSSS	1.04 (1.00, 1.08)	1.05 (1.00, 1.10)	1.02 (0.97, 1.07)	1.04 (1.02, 1.07)	1.04 (1.02, 1.07)	1.05 (1.02, 1.08)

Depression (PHQ-9 ≥ 10)	1.78 (1.25, 2.54)	1.96 (1.26, 3.05)	1.48 (0.97, 2.26)	1.34 (1.15, 1.56)	1.32 (1.11, 1.57)	1.48 (1.20, 1.81)
Anxiety (GAD-7 ≥ 10)	1.02 (0.71, 1.45)	0.98 (0.64, 1.52)	1.03 (0.67, 1.58)	1.18 (1.15, 1.56)	1.22 (1.04, 1.45)	0.96 (0.78, 1.17)

ASC, Allodynia Symptom Checklist; BMI, body mass index; GAD-7, Generalized Anxiety Disorder 7-item scale; LPT, lost productive time; MHDs, monthly headache days; MIDAS, Migraine Disability Assessment; MSSS, Migraine Symptom Severity Scale; mTOQ-5, 5-item Migraine Treatment Optimization Questionnaire; PHQ-9, 9-item Patient Health Questionnaire.