Table S3. Negative Binomial Regression Models for Absenteeism

	Rate Ratio (95% CI)				
	Model 1	**Model 2**	**Model 3**	**Model 4**	**Model 5**
MHDs (reference ≤3 MHDs)					
4–7	2.13 (1.84, 2.48)	–	2.07 (1.79, 2.40)	2.00 (1.73, 2.31)	1.91 (1.61, 2.27)
8–14	2.88 (2.43, 3.41)	–	2.80 (2.37, 3.30)	2.68 (2.27, 3.16)	2.49 (2.04, 3.03)
≥15	4.16 (3.46, 4.99)	–	3.46 (2.88, 4.16)	3.48 (2.90, 4.17)	3.77 (3.03, 4.69)
mTOQ-5 score (reference: 5)					
4	–	1.43 (1.21, 1.69)	1.22 (1.03, 1.43)	1.20 (1.02, 1.41)	1.11 (0.91, 1.35)
3	–	1.74 (1.45, 2.08)	1.52 (1.28, 1.80)	1.58 (1.33, 1.87)	1.45 (1.18, 1.77)
2	–	2.41 (1.97, 2.94)	1.92 (1.58, 2.33)	2.06 (1.70, 2.50)	1.73 (1.38, 2.18)
≤1	–	2.94 (2.39, 3.62)	2.31 (1.90, 2.82)	2.30 (1.89, 2.81)	2.07 (1.62, 2.64)
Female (reference: male)	–	–	–	0.73 (0.64, 0.84)	0.63 (0.53, 0.74)
Annual household income (reference <$30,000)					
$30,000–$49,999	–	–	–	1.09 (0.87, 1.37)	1.11 (0.85, 1.45)
$50,000–$74,999	–	–	–	1.13 (0.91, 1.40)	1.18 (0.91, 1.53)
≥$75,000	–	–	–	1.07 (0.87, 1.33)	1.05 (0.81, 1.36)
Race (reference: White only)					
Black only	–	–	–	1.71 (1.45, 2.01)	1.74 (1.42, 2.12)
Other race	–	–	–	1.14 (0.89, 1.45)	1.18 (0.87, 1.61)

≥2 races	–	–	–	1.47 (1.08, 2.00)	1.37 (0.93, 2.01)
Ethnicity, Hispanic/Latinx (reference: not Hispanic/Latinx)	–	–	–	1.23 (1.05, 1.44)	1.23 (1.02, 1.48)
Education (reference: high school or less)					
Some college, technical school, or technical school degree	–	–	–	0.98 (0.81, 1.20)	0.98 (0.78, 1.23)
4-year college degree	–	–	–	0.84 (0.69, 1.03)	0.85 (0.67, 1.08)
Post-college degree	–	–	–	0.77 (0.61, 0.96)	0.70 (0.53, 0.92)
Health insurance, yes (reference: no)	–	–	–	1.22 (0.95, 1.57)	1.26 (0.94, 1.69)
Age (10-year intervals)	–	–	–	0.88 (0.83, 0.93)	0.89 (0.84, 0.95)
BMI	–	–	–	0.99 (0.99, 1.00)	1.00 (0.99, 1.01)
Allodynia, yes (ASC ≥3; reference: ASC <3)	–	–	–	–	1.34 (1.16, 1.55)
Migraine symptom severity (MSSS score)	–	–	–	–	1.03 (1.01, 1.06)

ASC, Allodynia Symptom Checklist; BMI, body mass index; GAD-7, Generalized Anxiety Disorder 7-item scale; 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.