

## Supplementary File 2: Baseline characteristics of study population

<b>Demographics</b>	
Age, mean (SD)	48.0 (10.1)
Gender, male, n (%)	43 (59.7%)
Race, white, n (%)	46 (67.6%)
Ethnicity, non-Hispanic, n (%)	45 (63.4%)
Current smoking, n (%)	9 (12.5%)
Ever smoker, n (%)	30 (41.7%)
<b>Systemic co-morbidity, n (%)</b>	
Hypertension	23 (31.9%)
Cardiovascular disease	7 (9.7%)
Diabetes mellitus	10 (13.9%)
Stroke	3 (4.2%)
Depression	41 (56.9%)
Anxiety	19 (26.4%)
Post-traumatic stress disorder	33 (45.8%)
Fibromyalgia	8 (11.1%)
Traumatic brain injury	9 (12.5%)
Sleep apnea	28 (38.9%)
Insomnia	20 (27.8%)
<b>Active medications, n (%)</b>	
Anxiolytics	12 (16.7%)
Anti-depressants	49 (68.1%)
Anti-psychotics	11 (15.3%)
Topiramate	14 (19.4%)
Propranolol	7 (9.7%)
Prazosin	15 (20.8%)
Valproic Acid	8 (11.1%)
Triptans	35 (48.6%)
Magnesium	27 (37.5%)
Gabapentin	23 (31.9%)
NSAID	33 (45.8%)
Acetaminophen	11 (15.3%)
Opioids	11 (15.3%)
<b>Migraine history, mean (SD)</b>	
Migraine severity over the last month, scale 0 to 10	7.4 (2.6)
Migraine Symptom Severity Score (MSSS), scale 0 to 21	17.0 (3.9)
Total years suffered from migraine	16.8 (10.8)
<b>Botulinum toxin A (BoNT-A) injection history, mean (SD)</b>	
Total number of BoTN-A treatments	10.2 (7.6)
Years elapsed since 1 <sup>st</sup> BoTN-A injection	2.7 (2.3)
Months elapsed since last BoTN-A injection	3.9 (4.4)
<b>Photophobia severity, mean (SD)</b>	
VLSQ-8, scale 8 to 40	29.9 (5.1)
Photophobia severity during migraine, scale 0 to 10	8.01 (2.2)

Interictal photophobia severity, scale 0 to 10	4.99 (2.9)
<b>Ocular signs and symptoms</b>	
DEQ-5 over the last month, mean (SD)	12.9 (4.2)
Phenol red thread right eye (mm), mean (SD), scale 0 to 35	16.6 (7.1)
Phenol red thread left eye (mm), mean (SD), scale 0 to 35	17.0 (7.7)
Self-reported dry eye diagnosis, n (%)	34 (47.9%)
Use of artificial tears, n (%)	45 (62.5%)
Wears contact lenses, n (%)	7 (9.7%)
History of refractive surgery, n (%)	10 (13.9%)
History of cataract surgery, n (%)	3 (4.2%)

Total respondents varied dependent on data availability.

NSAIDs=non-steroidal anti-inflammatory drugs. DEQ-5=Dry Eye Questionnaire 5.

VLSQ-8=Visual Light Sensitivity Questionnaire-8. mm=millimeter. SD=Standard Deviation.