**Supplemental table 5. Relationship between individual oral health variables and mRNFL along with effect modification by a multitrait glaucoma polygenic risk score in the UK Biobank (n=14,652)**

|  |  |  |
| --- | --- | --- |
|  | **Estimate, microns, (95% confidence interval)** | ***P-value*** |
| Painful gums | -0.03 (-0.41, 0.35) | 0.88 |
| MTAG\_PRS \* Painful gums | 0.15 (-0.22, 0.51) | 0.42^ |
|  |  |  |
| Bleeding gums | -0.21 (-0.38, -0.04) | 0.02 |
| MTAG \_PRS \* Bleeding gums | 0.08 (-0.08, 0.25) | 0.31^ |
|  |  |  |
| Toothache | -0.22 (-0.51, 0.07) | 0.14 |
| MTAG \_PRS \* Toothache | 0.44 (0.15, 0.72) | 0.002^ |
|  |  |  |
| Loose teeth | -0.13 (-0.49, 0.22) | 0.45 |
| MTAG \_PRS \* Loose teeth | -0.08 (-0.42, 0.25) | 0.63^ |
|  |  |  |
| Dentures | -0.10 (-0.30, 0.09) | 0.30 |
| MTAG \_PRS \* Dentures | 0.03 (-0.15, 0.21) | 0.73^ |

MTAG\_PRS = multitrait glaucoma polygenic risk score.

^These p-values represent p-for-interactions