**Supplemental table 3. Relationship between individual oral health variables and intraocular pressure (IOP) and effect modifications by an IOP polygenic risk score in the UK Biobank (n=33,004)**

|  |  |  |
| --- | --- | --- |
|  | **Estimate, mmHg (95% confidence interval)** | ***P-value*** |
| Painful gums | -0.11 (-0.24, 0.02) | 0.09 |
| IOP\_PRS \* Painful gums | 0.004 (-0.12, 0.13) | 0.95^ |
|  |  |  |
| Bleeding gums | -0.05 (-0.11, 0.01) | 0.11 |
| IOP\_PRS \* Bleeding gums | -0.05 (-0.11, 0.01) | 0.10^ |
|  |  |  |
| Toothache | -0.08 (-0.18, 0.02) | 0.13 |
| IOP\_PRS \* Toothache | -0.05 (-0.15, 0.05) | 0.31^ |
|  |  |  |
| Loose teeth | -0.13 (-0.25, -0.01) | 0.03 |
| IOP\_PRS \* Loose teeth | -0.08 (-0.19, 0.03) | 0.17^ |
|  |  |  |
| Dentures | -0.22 (-0.28, -0.15) | <0.0001 |
| IOP\_PRS \* Dentures | 0.04 (-0.03, 0.10) | 0.25^ |

IOP\_PRS = intraocular polygenic risk score

^these p-values represent p-for-interactions