**Supplementary Digital Content Table 1. Prevalence of Refractive Error by Age, Gender, and Education Level Among Emiratis in Dubai Emirate**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **No.** | **Hypermetropia**  **(SE > 0.5 D)**  **%** | **Emmetropia** | **Myopia**  **(SE < –0.5 D)**  **%** | **High Myopia**  **(SE < –5 D)**  **%** | **Astigmatism**  **(Cylinder Power > 0.5 D)**  **%** | **Anisometropia**  **(Left-Right Eye SE Difference > 1.0 D)**  **%** | **Presbyopia (Uncorrected)**  **(Near Vision of >N6 with Vision of ≥6/12)**  **%** |
| **(–0.5 D to +0.5 D)**  **%** |
| **Age, y** |  |  |  |  |  |  |  |  |
| 40**–**49 | 155 | 7.1 | 45.2 | 35.5 | 2.6 | 3.9 | 7.1 | 1.3 |
| 50**–**59 | 167 | 21.6 | 38.9 | 29.3 | 1.2 | 4.2 | 5.4 | 0 |
| 60+ | 124 | 35.5 | 33.1 | 14.5 | 1.6 | 16.1 | 25 | 0.8 |
| **Gender** |  |  |  |  |  |  |  |  |
| Female | 245 | 18.8 | 40 | 27.8 | 2 | 4.9 | 9.4 | 0.4 |
| Male | 201 | 22.4 | 38.8 | 26.9 | 1.5 | 10.4 | 13.9 | 1 |
| **Education Level** |  |  |  |  |  |  |  |  |
| Low | 105 | 22.9 | 41.9 | 22.9 | 1 | 10.5 | 19 | **0** |
| Moderate | 249 | 22.1 | 36.9 | 26.5 | 2.4 | 6.8 | 9.2 | 1.2 |
| High | 92 | 13 | 43.5 | 34.8 | 1.1 | 5.4 | 8.7 | **0** |
| **All** | 446 | 20.4 | 39.5 | 27.4 | 1.8 | 7.4 | 11.4 | 0.7 |

D indicates diopter; SE, spherical equivalent.

SE = sphere + 1/2 cylinder power.