Appendix 2 Box plots of spherical equivalent by genotypes at rs2297336 and rs324146 of *TCTE1*

****

The distributions of spherical equivalent residuals were plotted for each observed genotype at rs2297336 (left) and rs324146 (right) of *TCTE1* on chromosome 6p21.1. Genotypes are showed on x-axis. The mean spherical equivalent residuals for each genotype is marked by a *dark red diamond* with the value listed above. The three *horizontal bars* from the bottom to the top indicate the 25th, 50th and 75th percentile of the spherical equivalent residuals. Observations beyond the 25th and 75th percentile range are represented by *black dots*. For both SNPs, each copy of its minor allele is associated with decreased spherical equivalent.