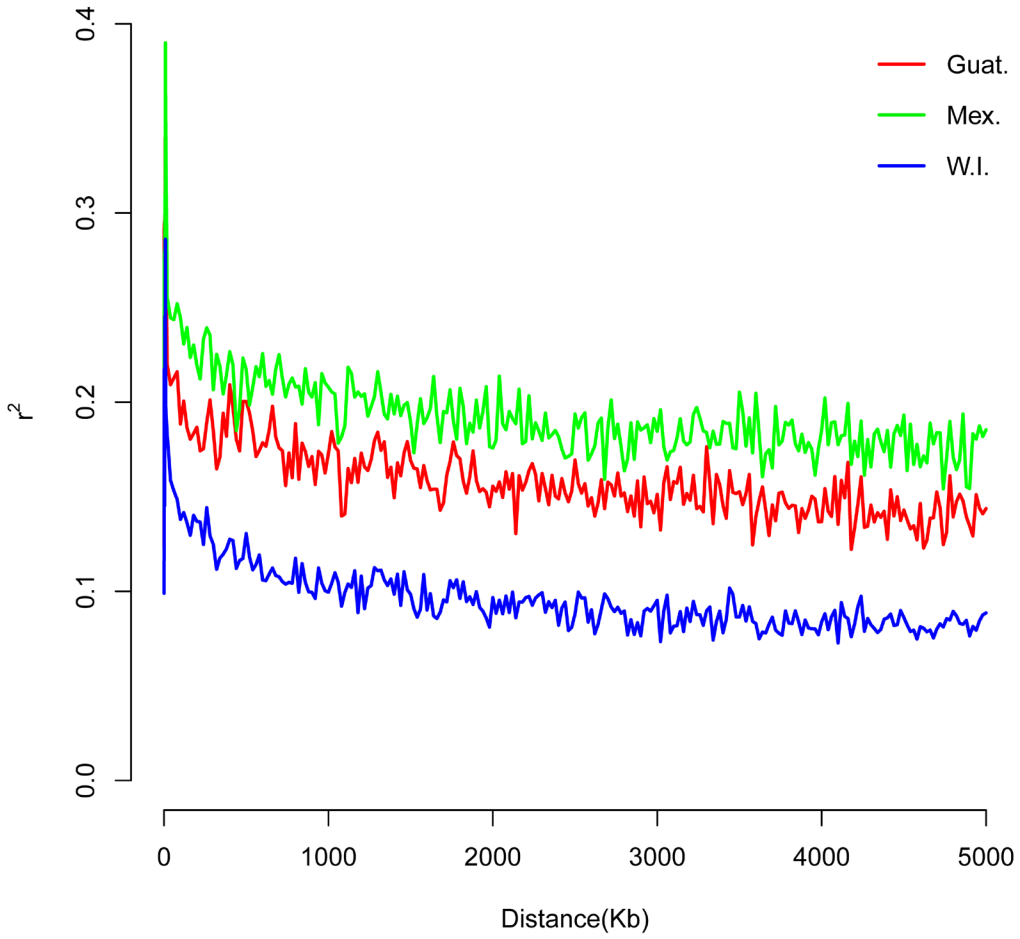

Figure S1. Genome-wide linkage disequilibrium (LD) decay plot drawn by PopLDdecay with squared correlation (r^2) plotted against genetic distance for SNP pairs. Bin1 and Bin2 window sizes were set to 1 kb and 20 kb, respectively, with a breakpoint at 10 kb.

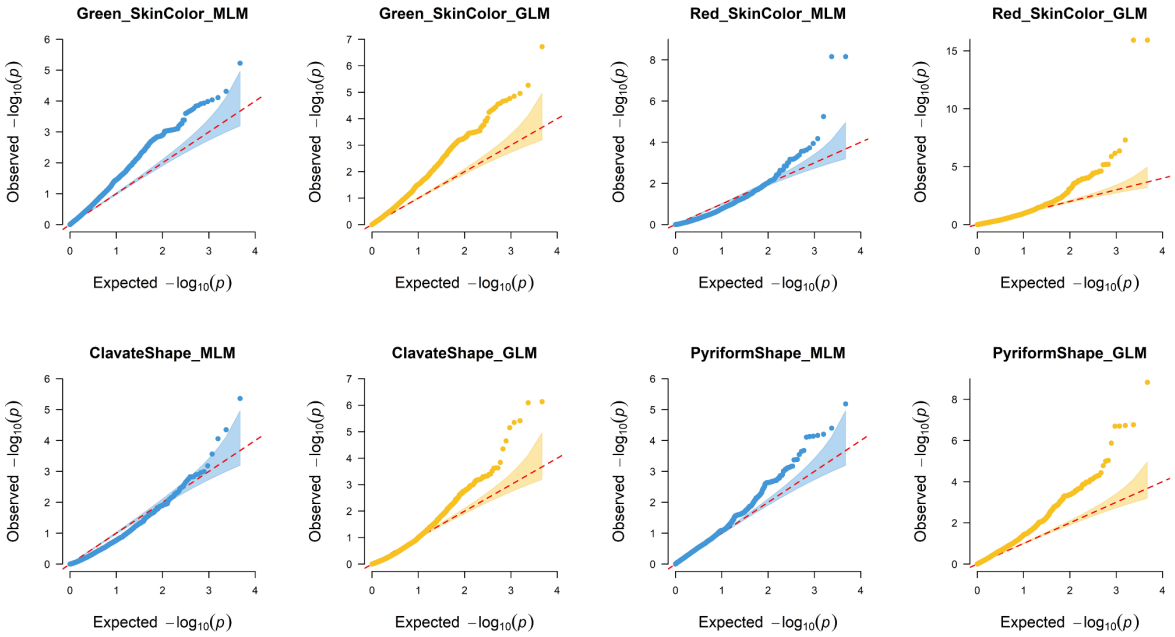

Figure S2. Quantile-Quantile (QQ) plots of the avocado fruit skin color and fruit shape genome-wide association studies using the General Linear Models (GLM) and Mixed Linear Models (MLM). Displayed are observed -$\log_{10}$(*P*-value) versus expected -$\log_{10}$(*P*-value). The shaded area represents the 95% confidence interval.

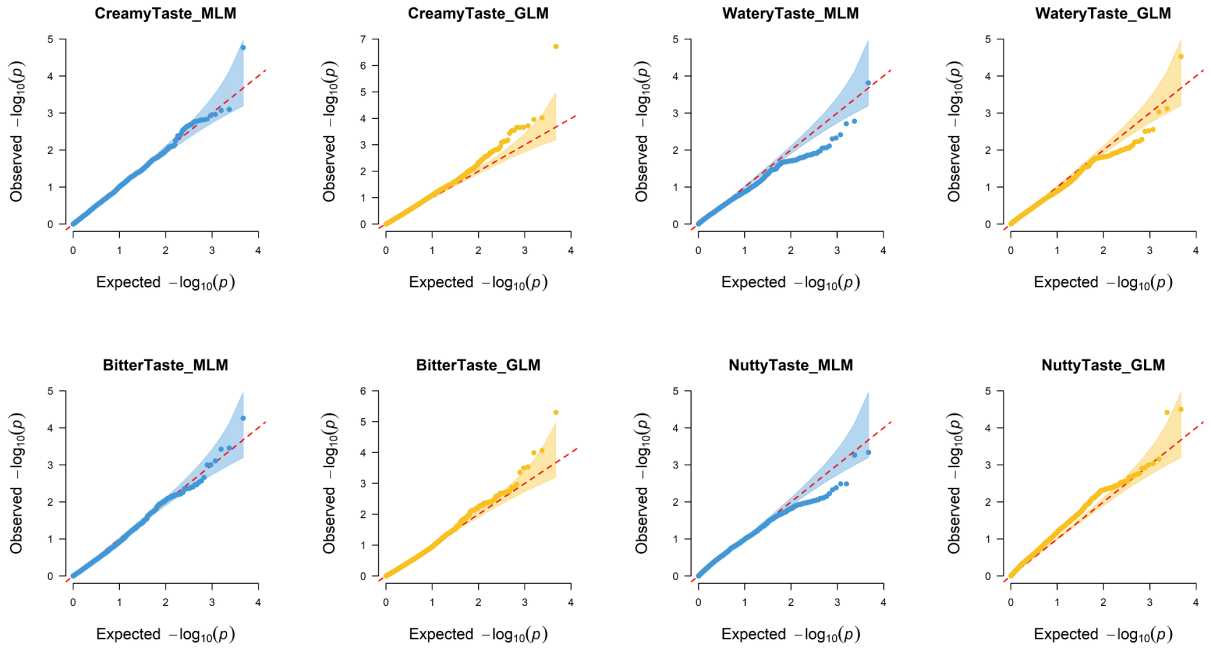

Figure S3. Quantile-Quantile (QQ) plots of the avocado fruit taste genome-wide association studies using the General Linear Models (GLM) and Mixed Linear Models (MLM). Displayed are observed -$\log_{10}$(*P*-value) versus expected -$\log_{10}$(*P*-value). The shaded area represents the 95% confidence interval.

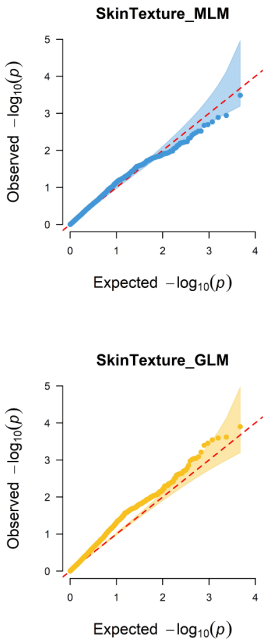

Figure S4. Quantile-Quantile (QQ) plots of the avocado skin texture association studies using the General Linear Models (GLM) and Mixed Linear Models (MLM). Displayed are observed -$\log_{10}$(*P*-value) versus expected -$\log_{10}$(*P*-value). The shaded area represents the 95% confidence interval.