S20 Fig: Power of PLACO, pooled method, and naive approaches at genome-wide significance level ($5 \times 10^{-8}$) for varying genetic effects of the two independent bi-ethnic case-parent trio studies of OFC subgroups. The first naive approach (‘Naive-1’) declares pleiotropic association when $p_{CL/P} < 5 \times 10^{-8}$ and $p_{CP} < 10^{-5}$, while the second naive approach (‘Naive-2’) uses a more liberal criterion $p_{CL/P} < 5 \times 10^{-8}$ and $p_{CP} < 10^{-3}$. Note, unlike PLACO, the pooled method lacks type I error control in most scenarios of sample size and/or MAF imbalance, and hence its power should be interpreted with caution.