**S9 Table.** Parameters in Polygenic Risk Score analysis power calculations

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| **Parameter** | **Value** | **Source** |
| Sample size of training sample | 3987 | determined from data |
| Prevalence of nsCL/P in training sample | 0.305 | determined from data |
| Population prevalence of nsCL/P | 0.001 | IPDTOC Working Group. "Prevalence at birth of cleft lip with or without cleft palate: data from the International Perinatal Database of Typical Oral Clefts (IPDTOC)." (2011). |
| Number of independent SNPs common to both arrays (r2<0.1) | 75,737 | determined from data |
| h2 of nsCL/P | 0.2 | AVENGEME estimate |
| Proportion of null markers | 0.992 | AVENGEME estimate |