

Supplementary Data 1

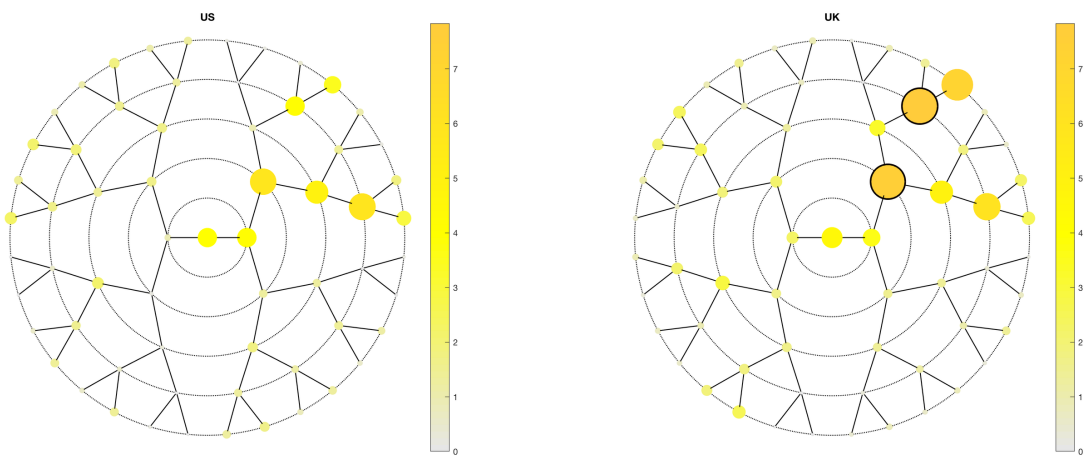
Multi-peak loci overview

J. White, K. Indencleef et al.

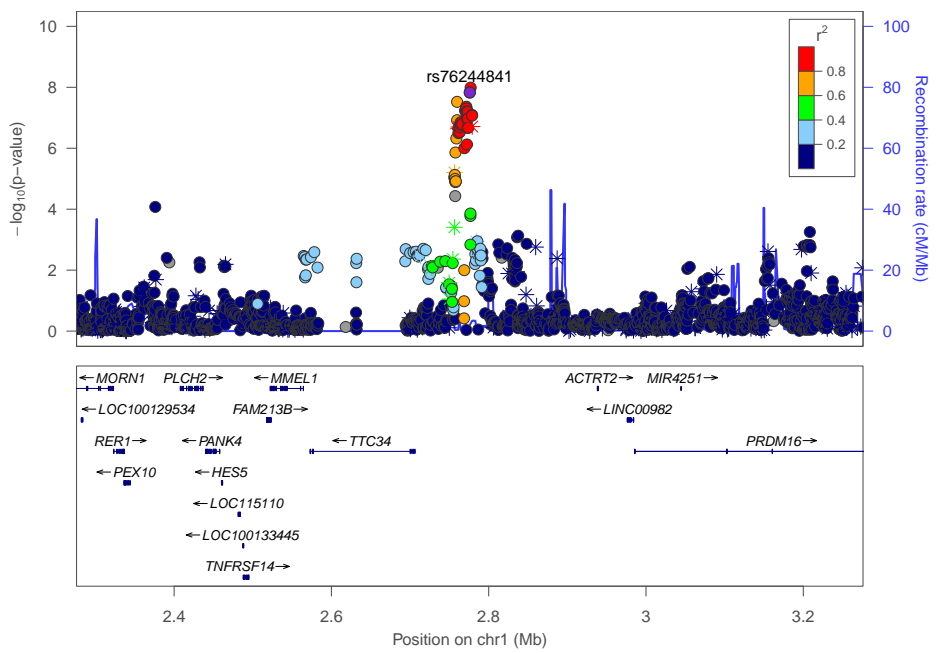
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Multi-peak locus 1: rs76244841	3	Multi-peak locus 11: rs6555969	26
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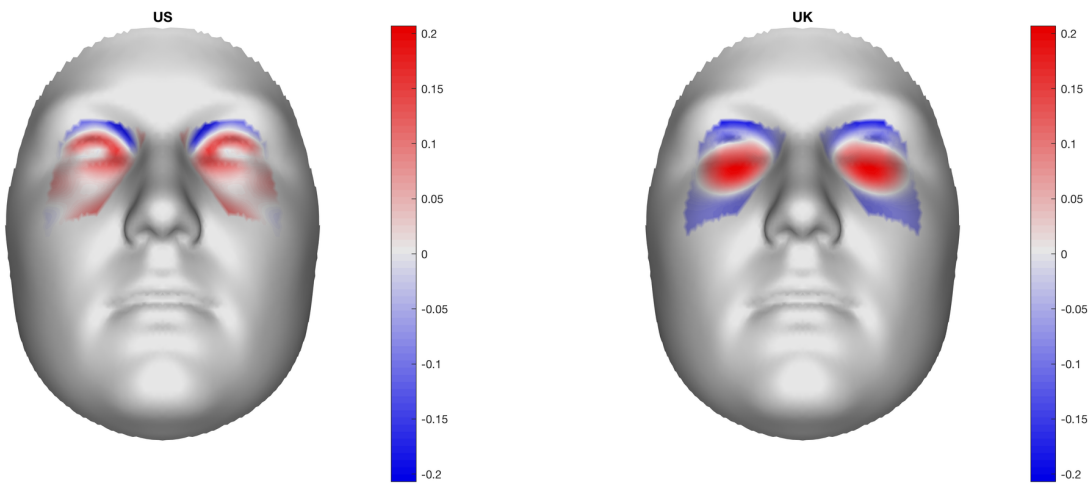
Multi-peak locus 22: rs112087864	49	Multi-peak locus 24: rs6047635	52
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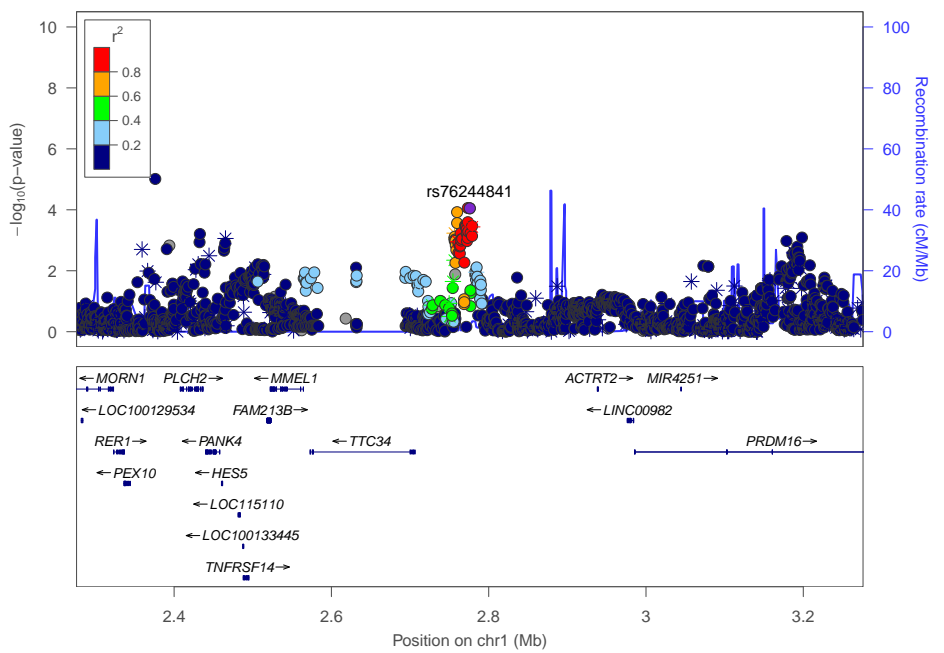
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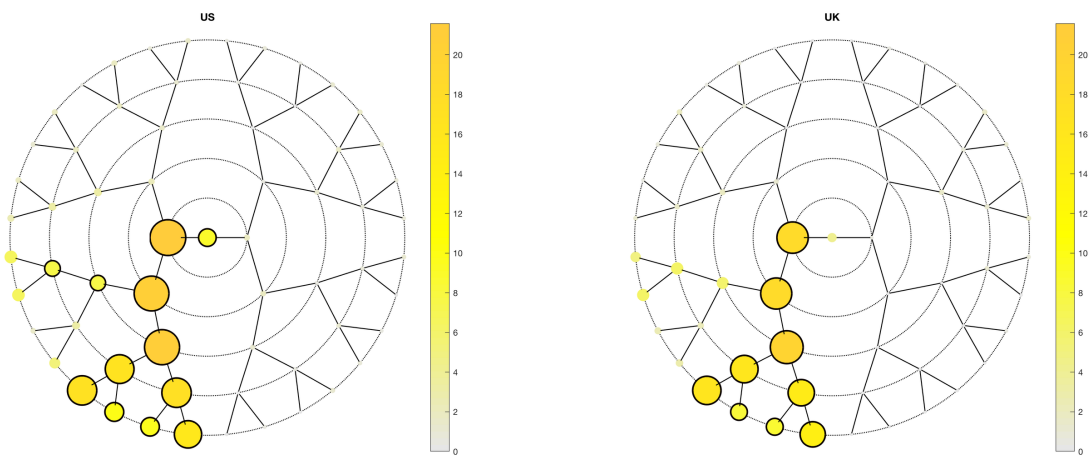


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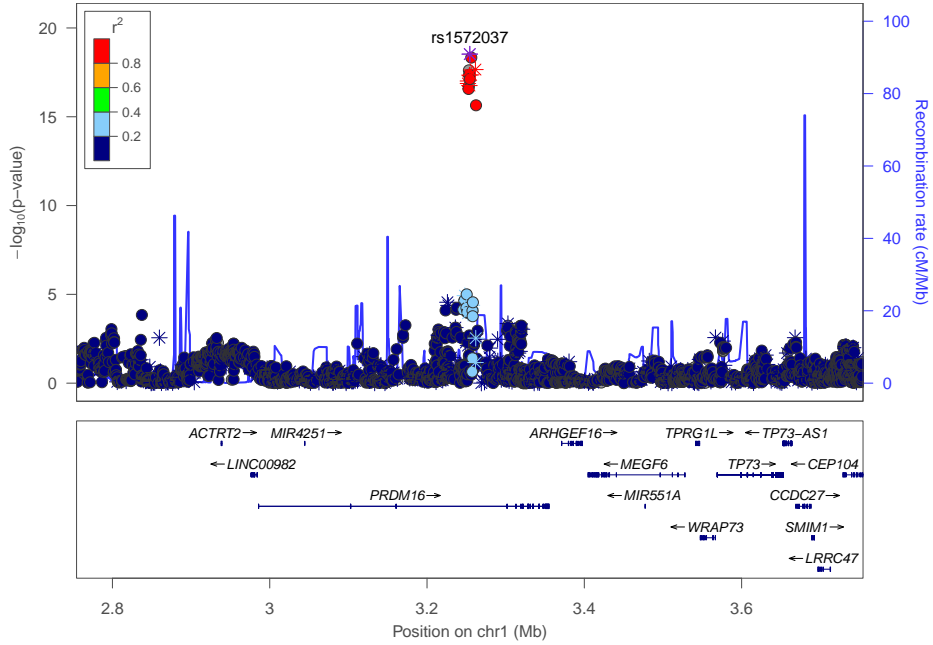


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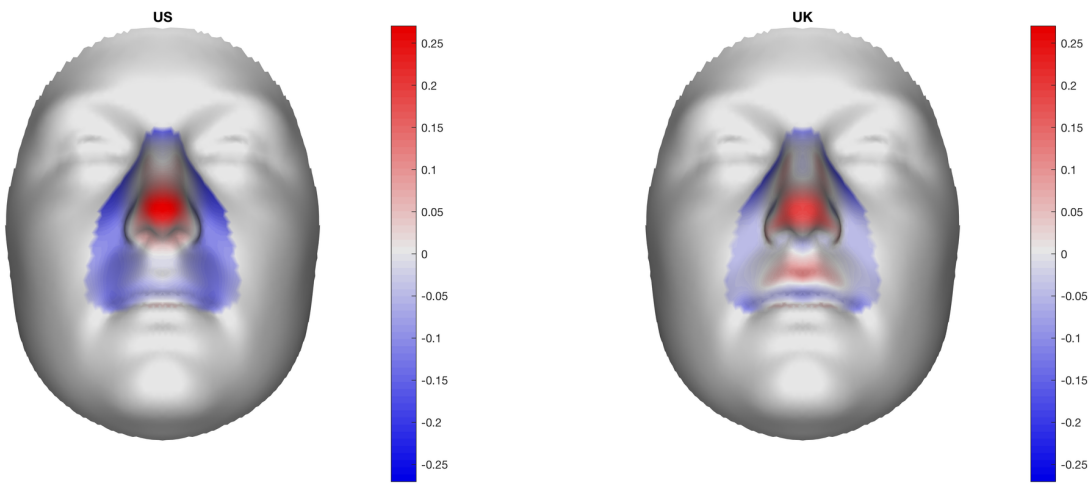




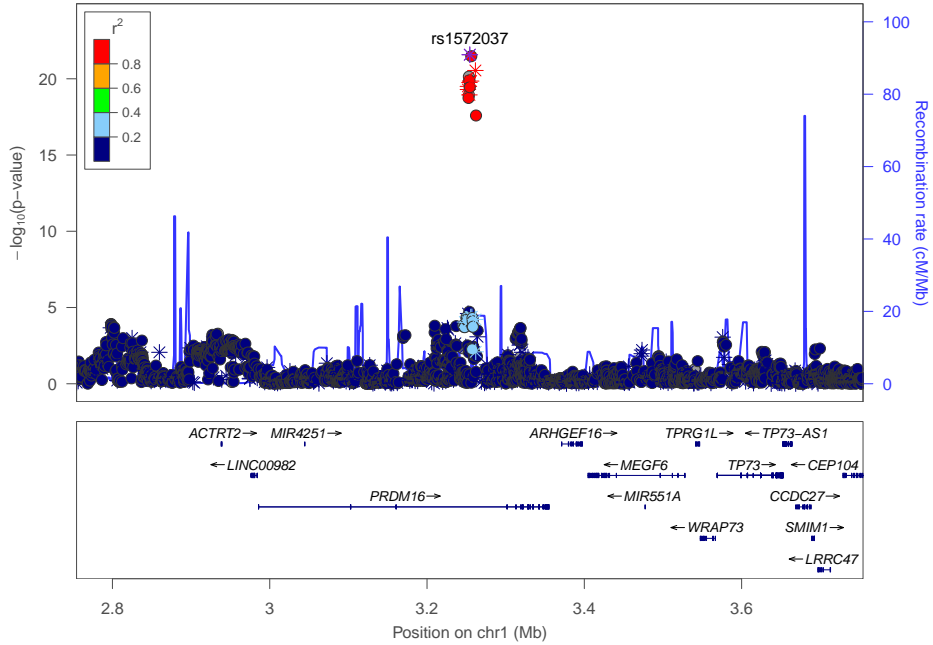
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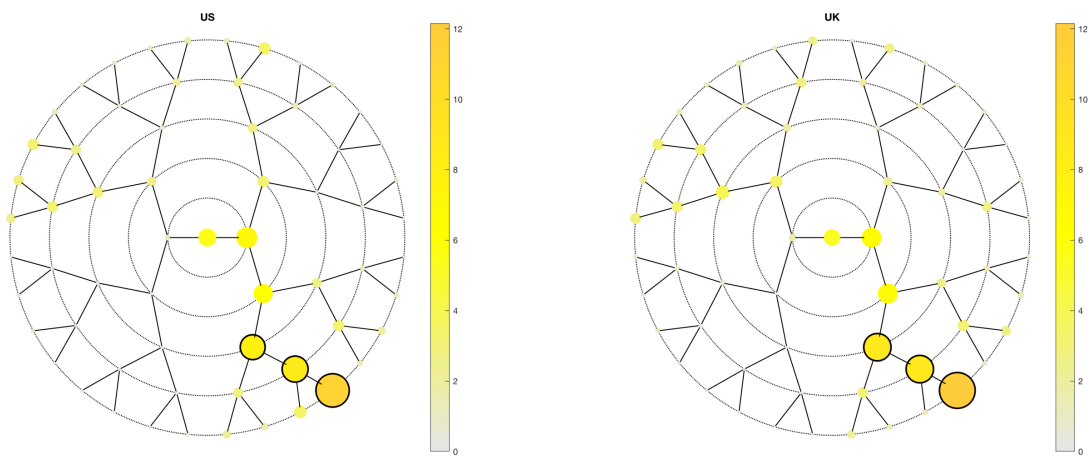


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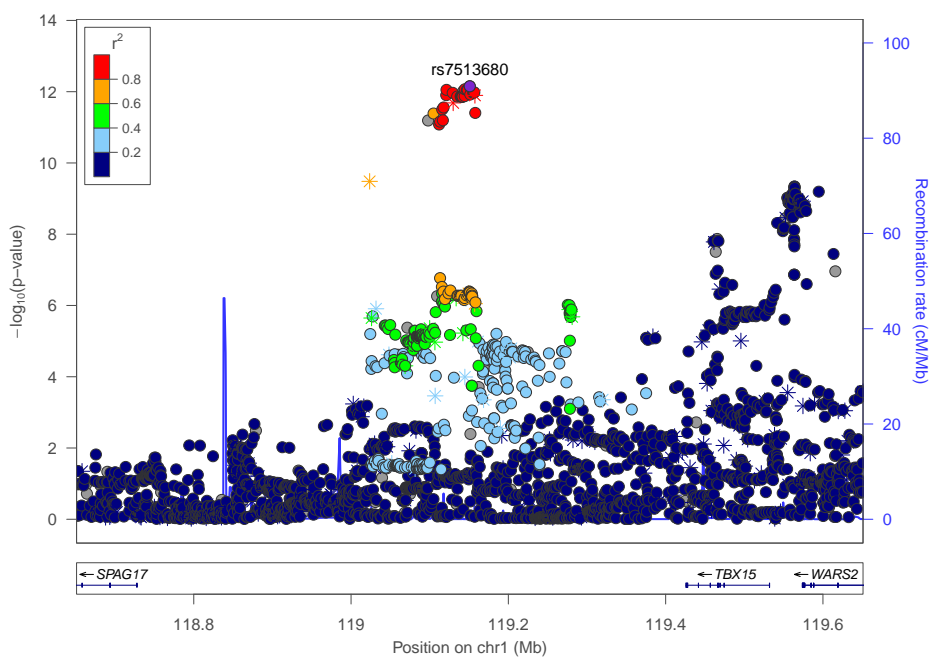


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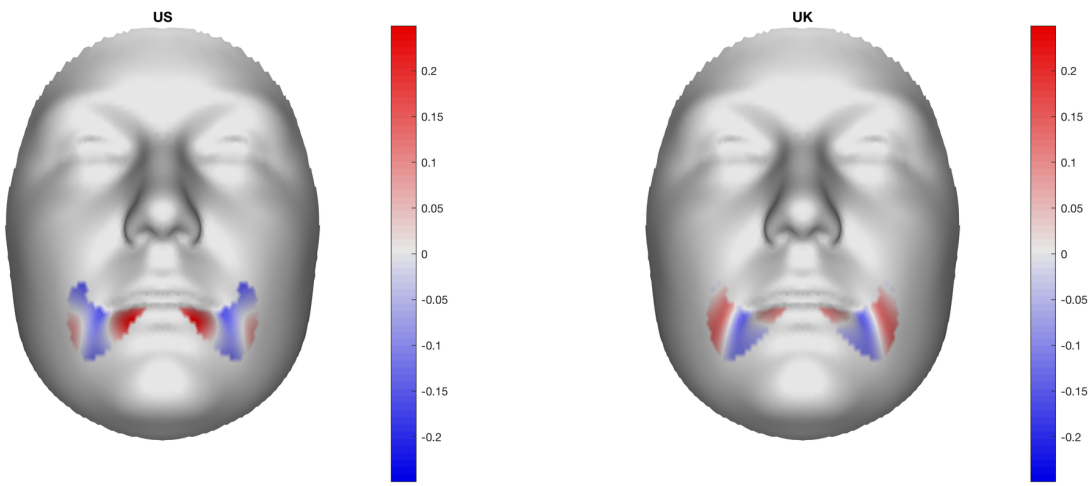




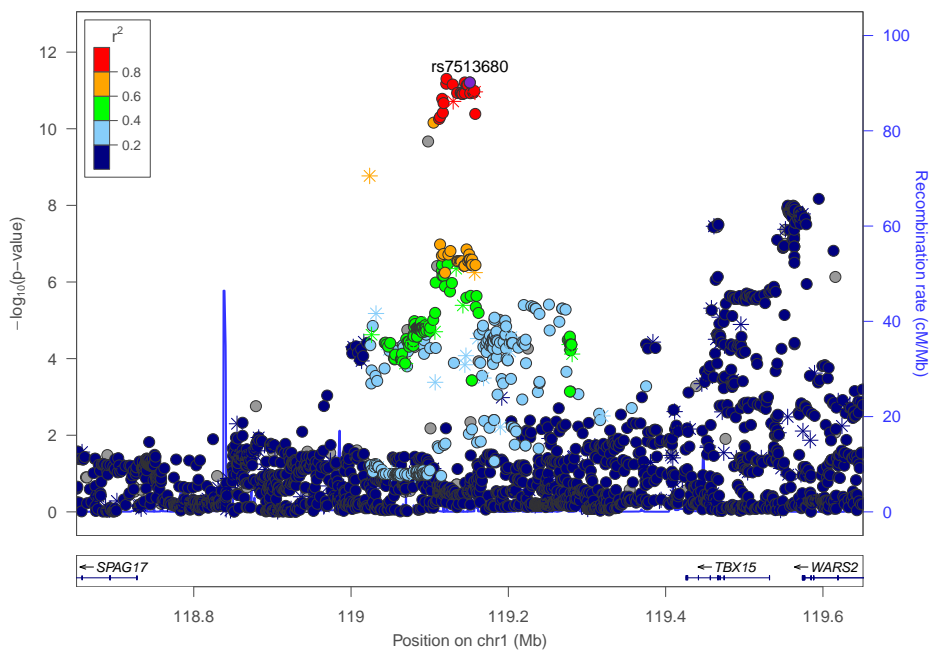
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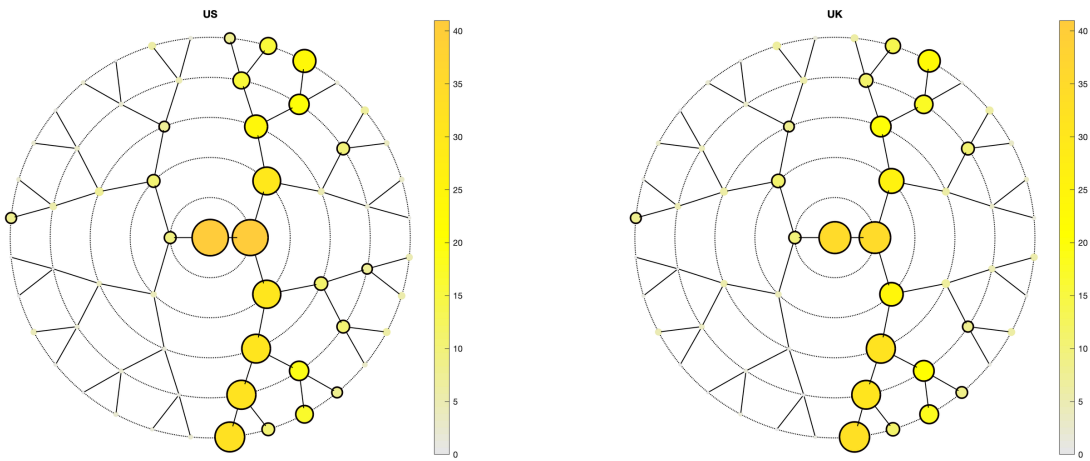


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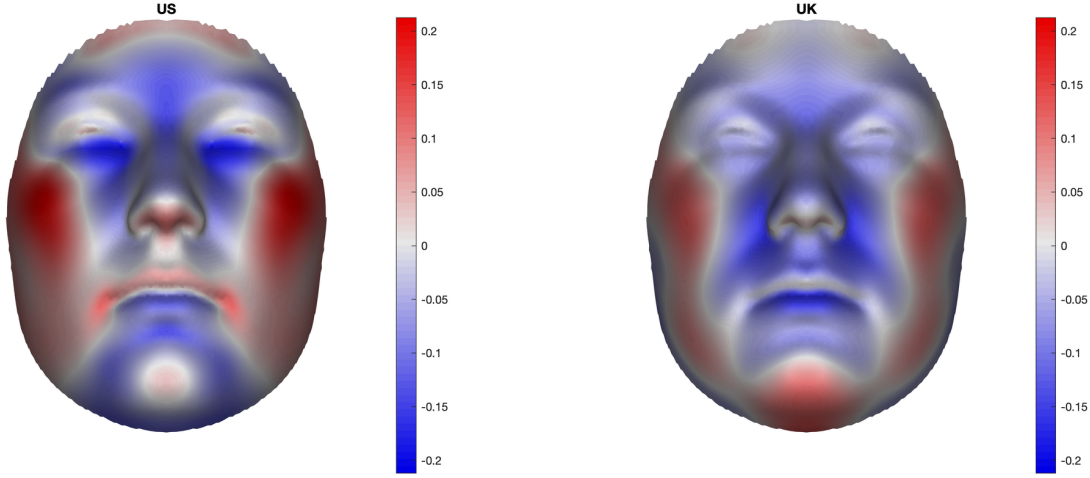


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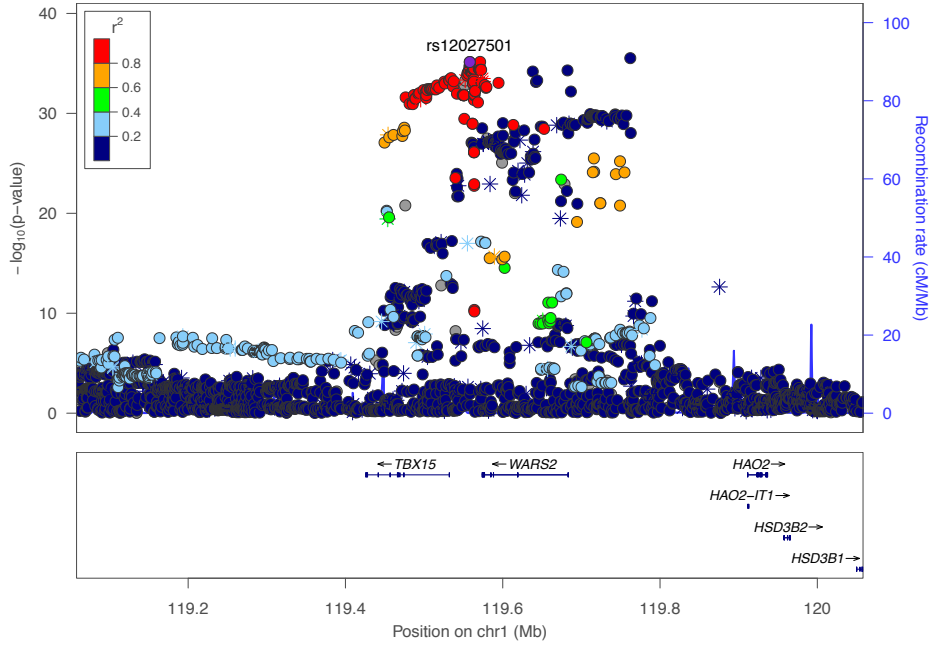




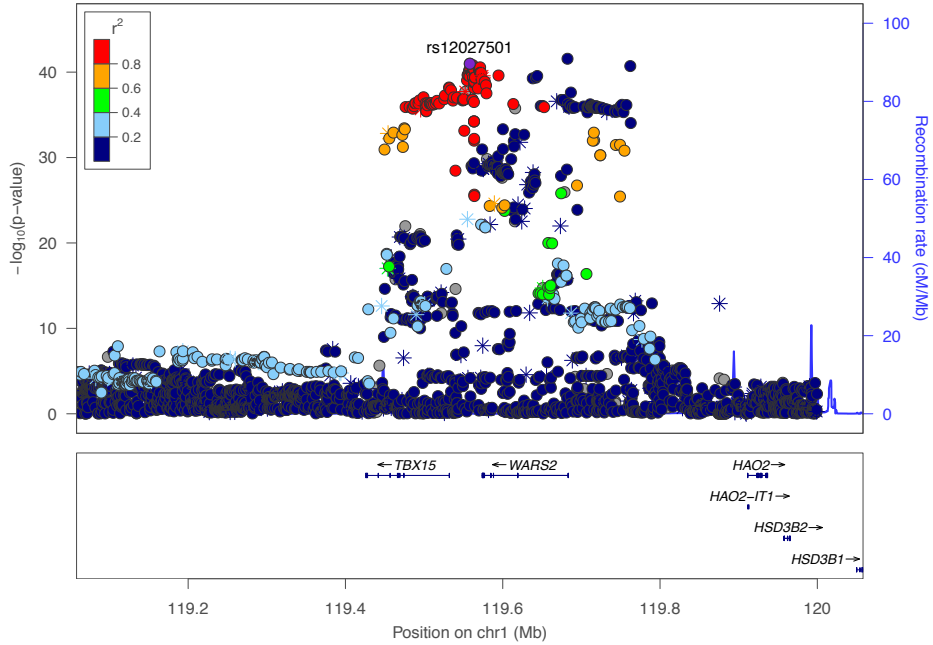
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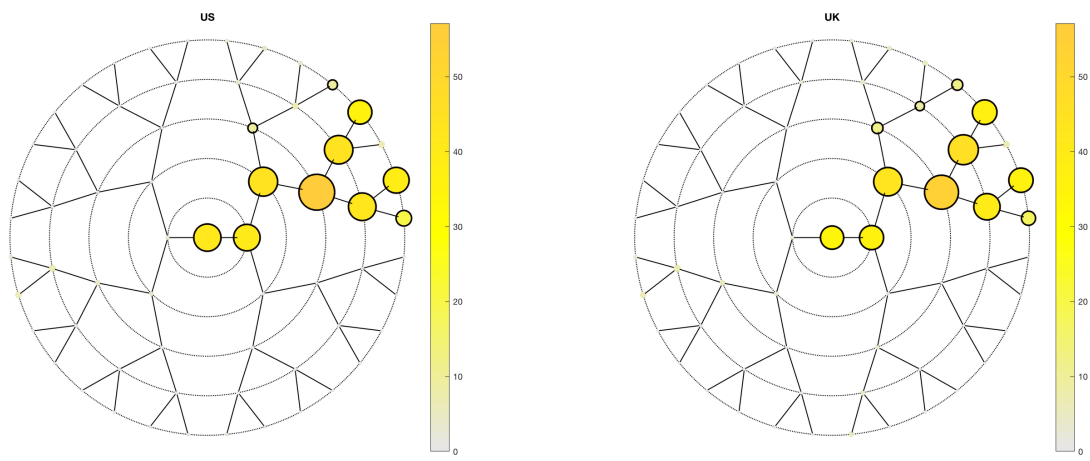


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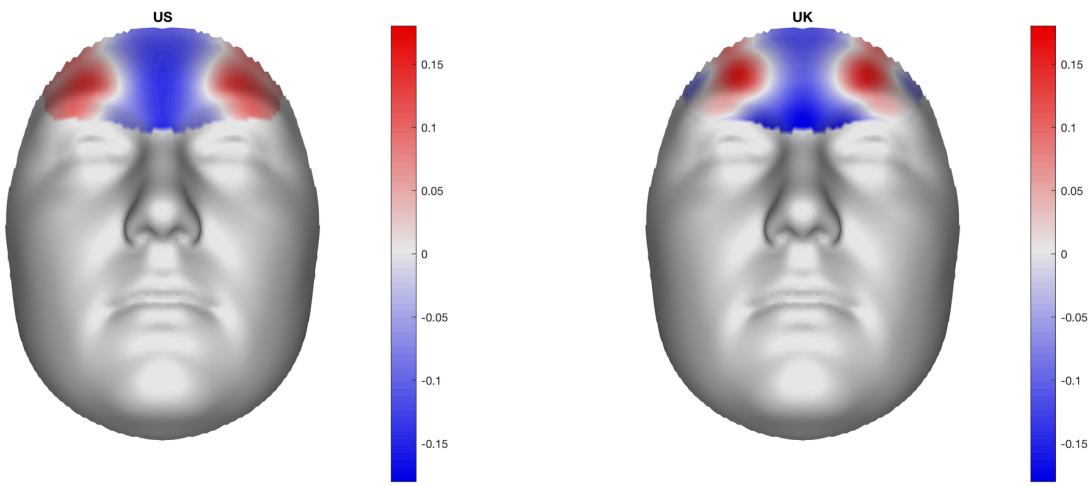


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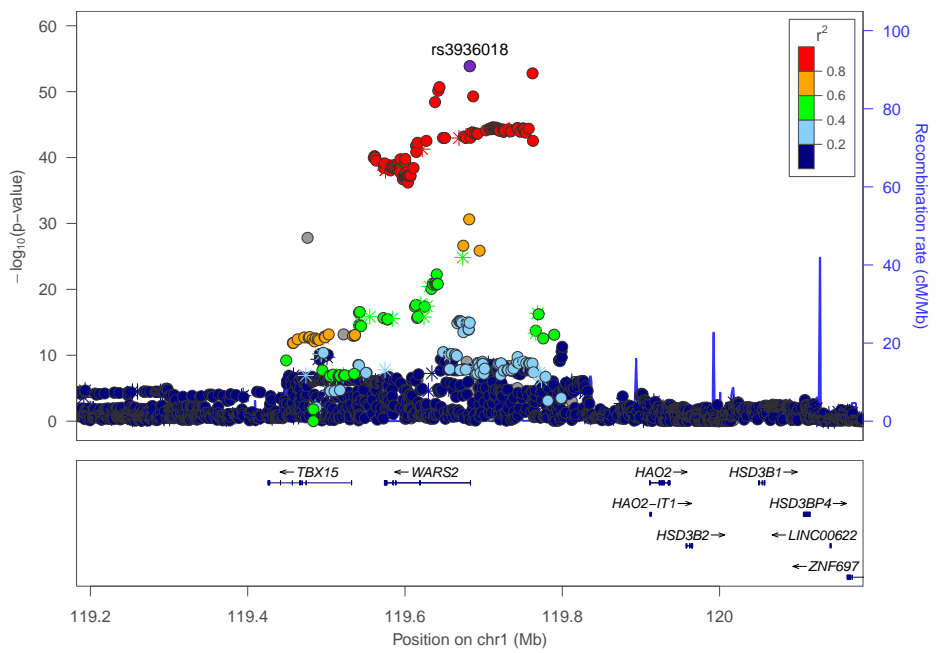




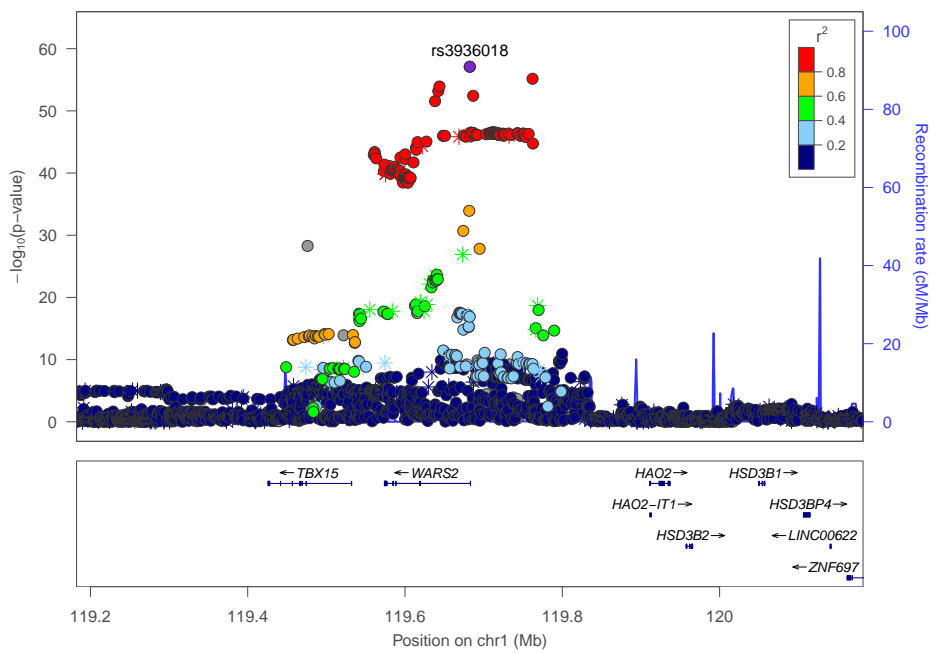
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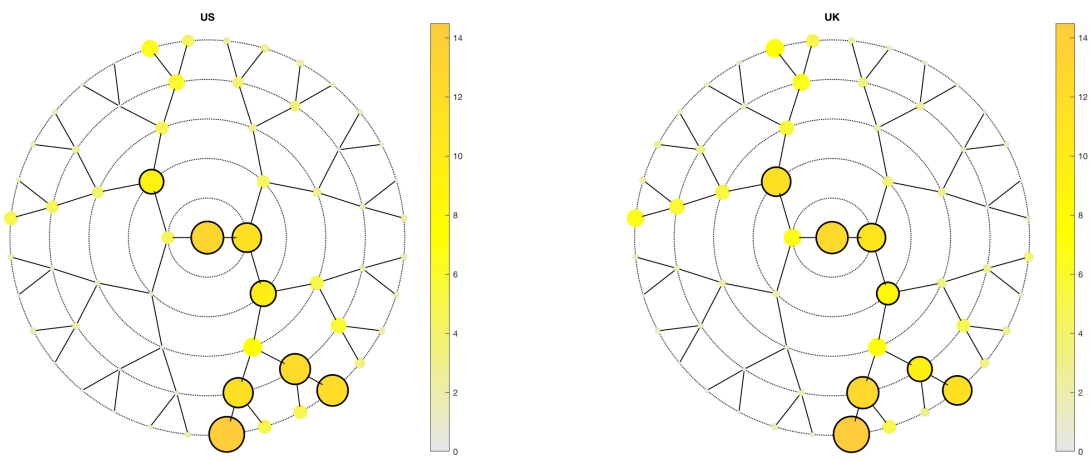


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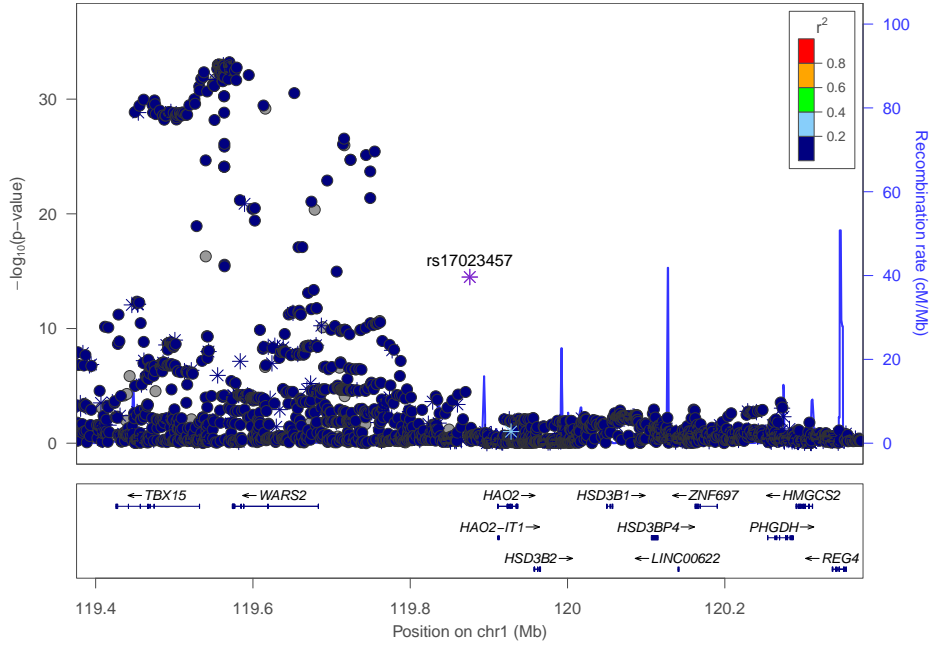


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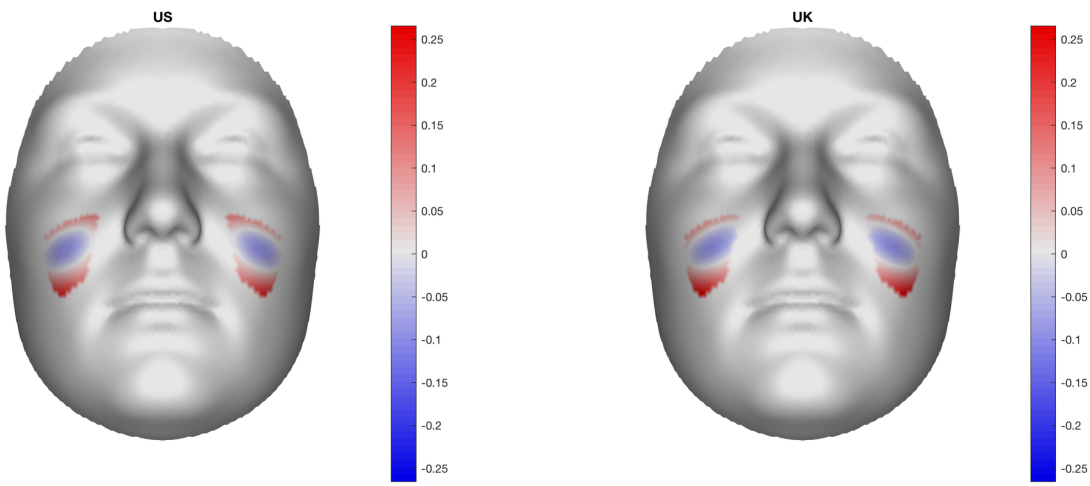




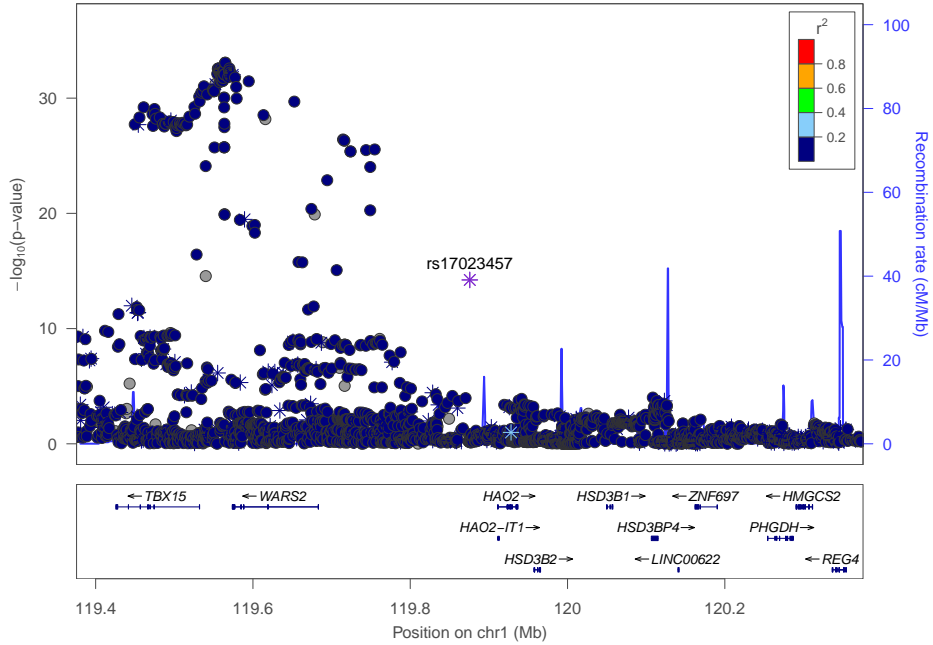
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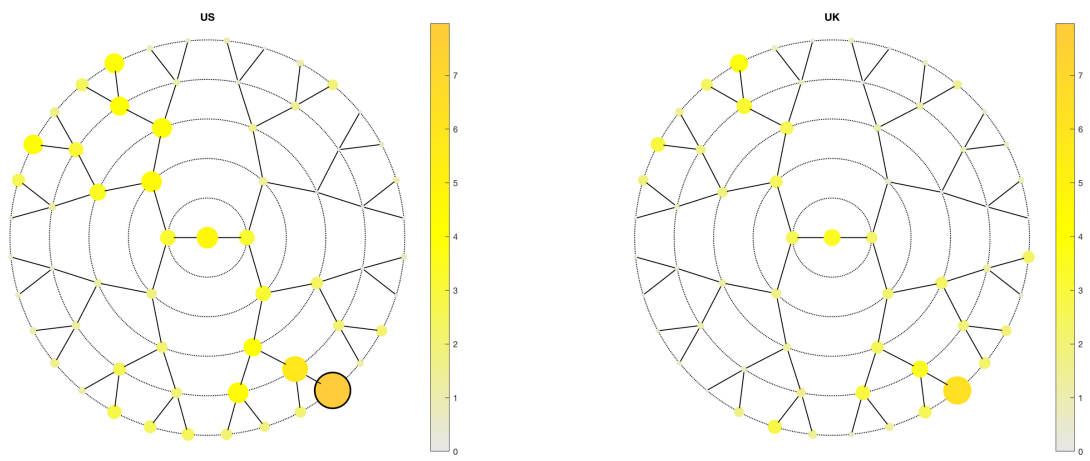


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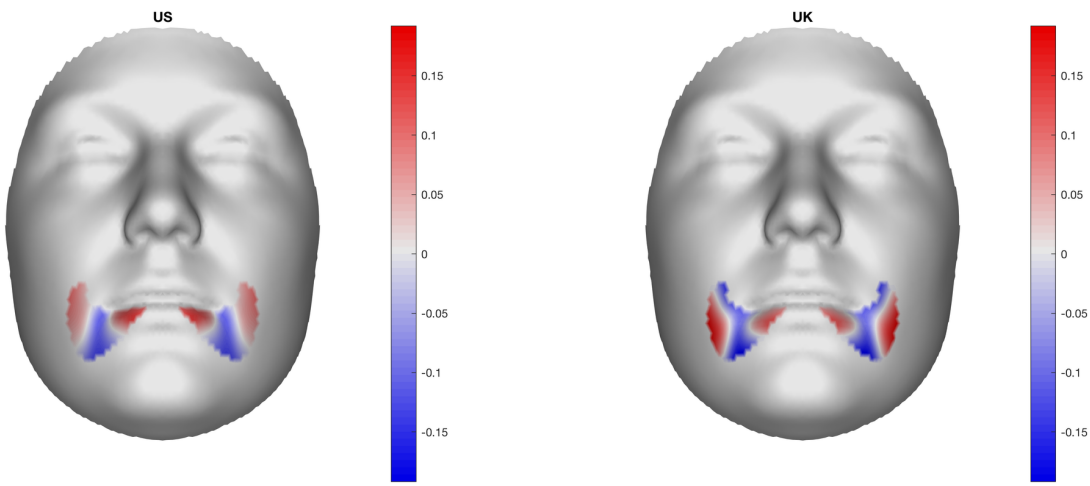


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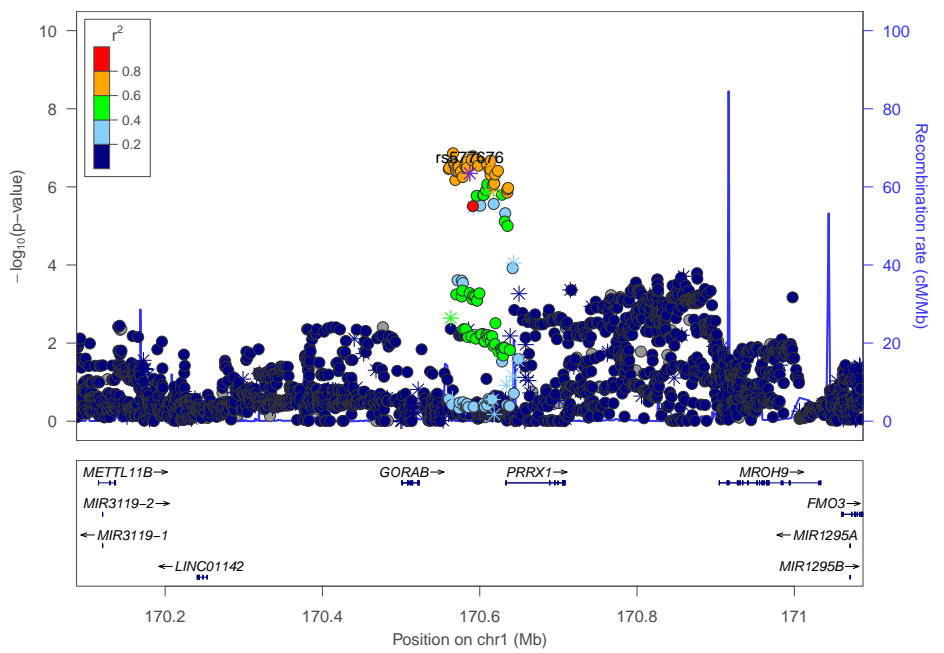




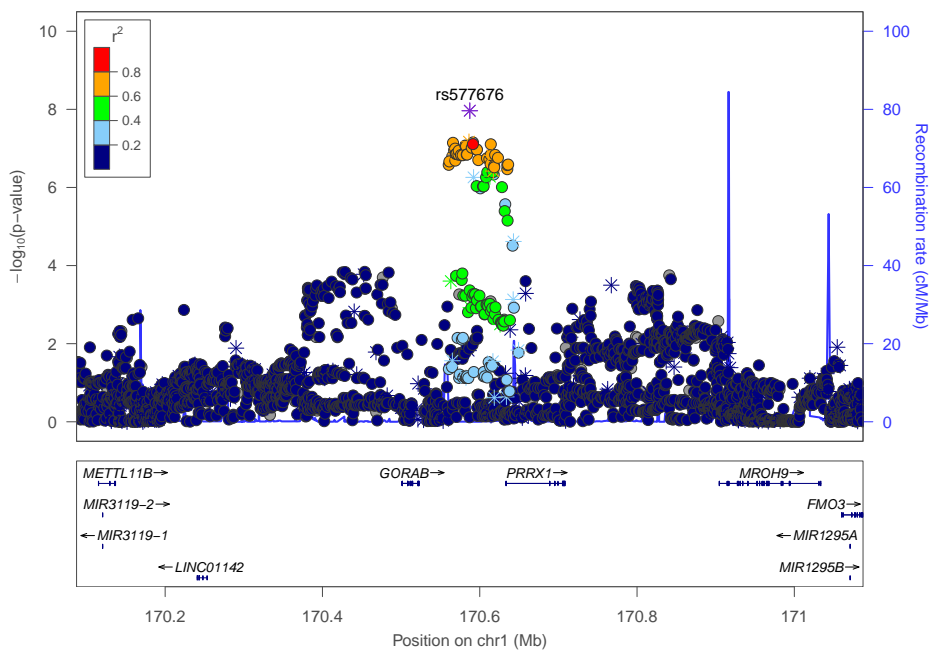
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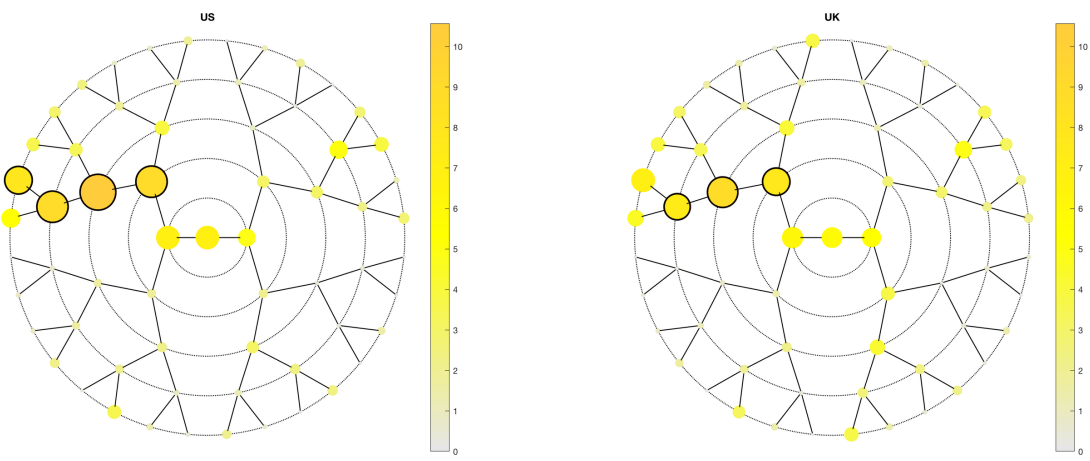


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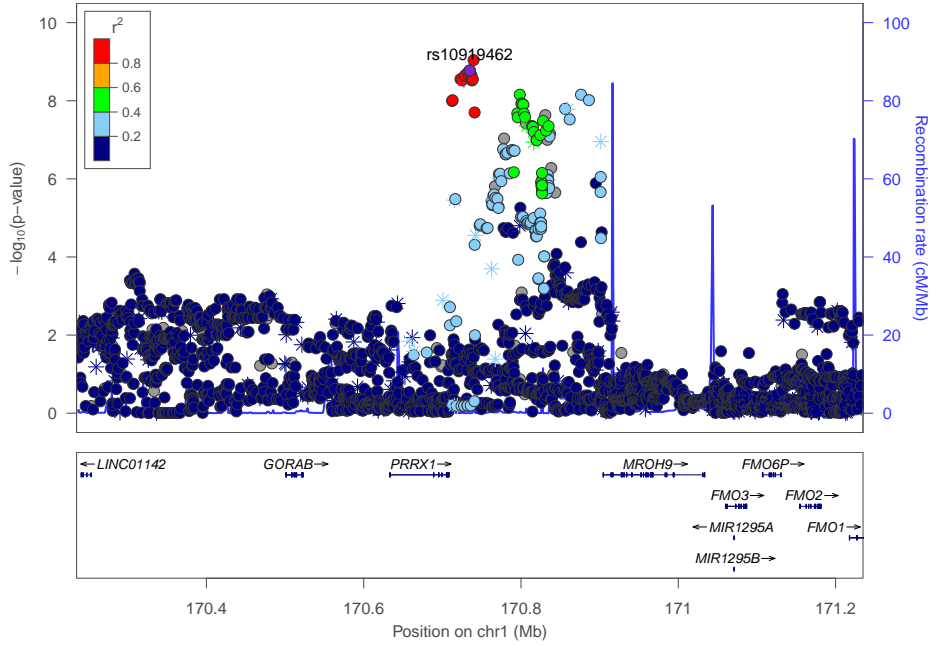


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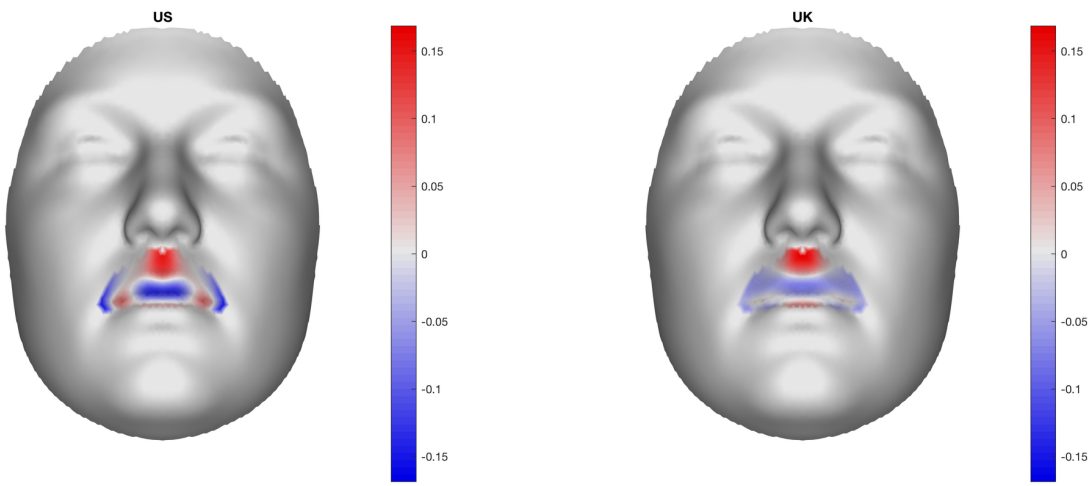




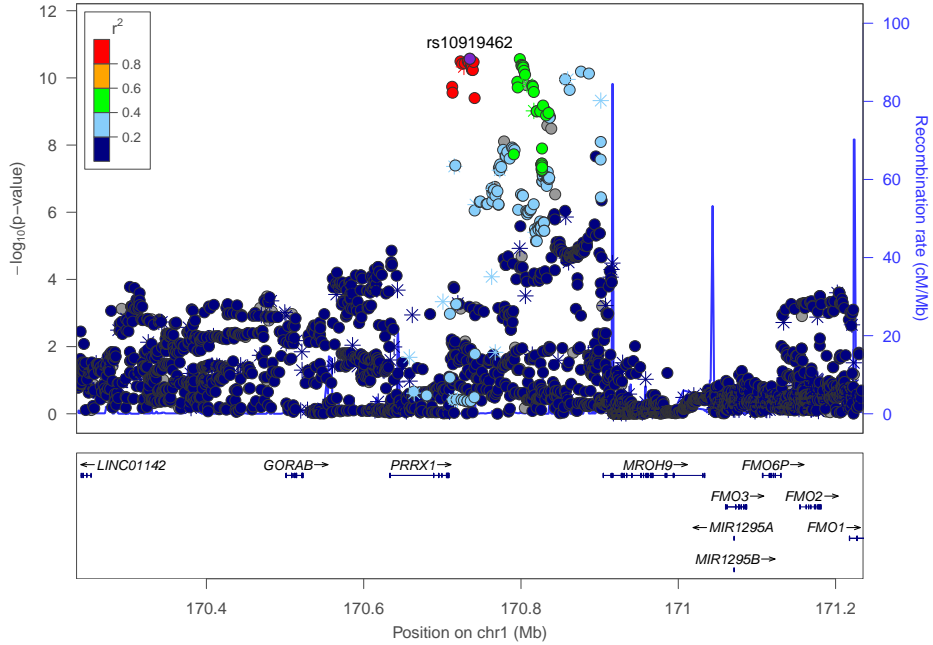
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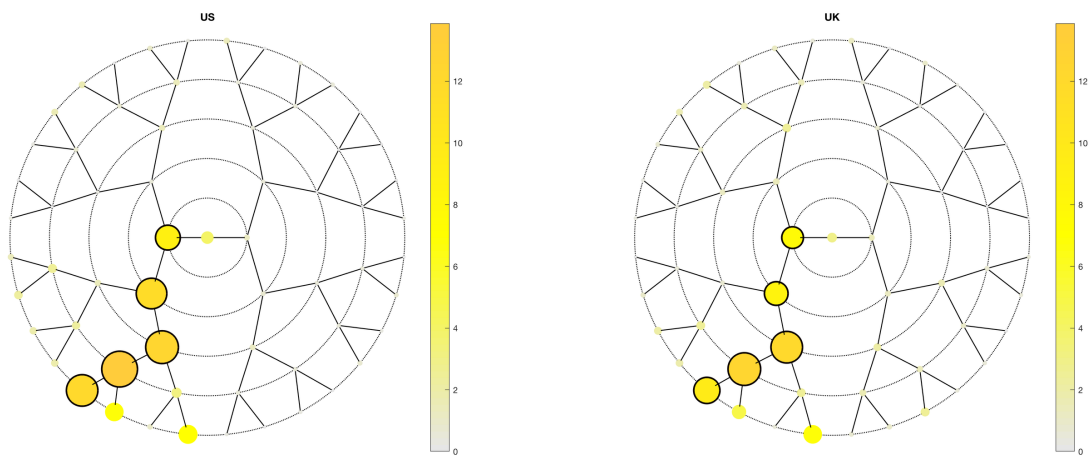


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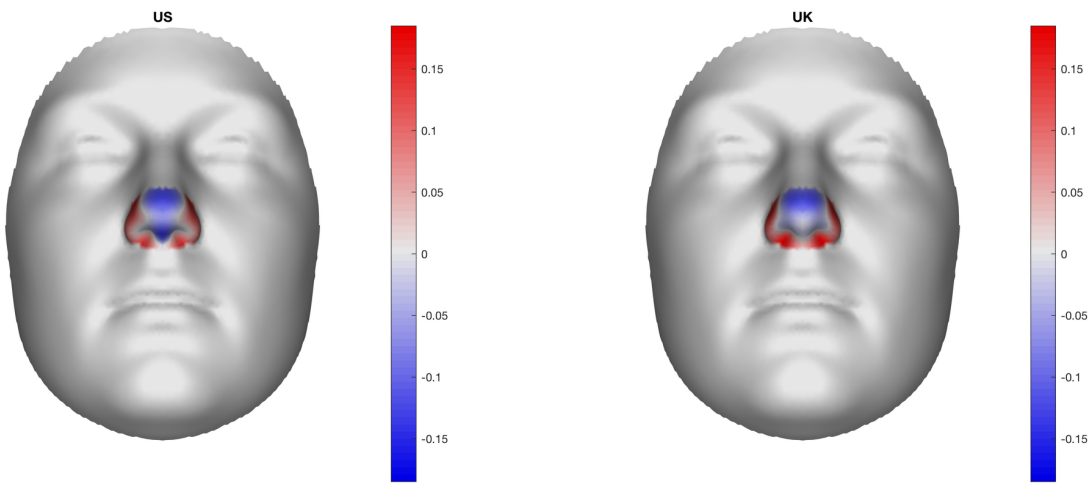


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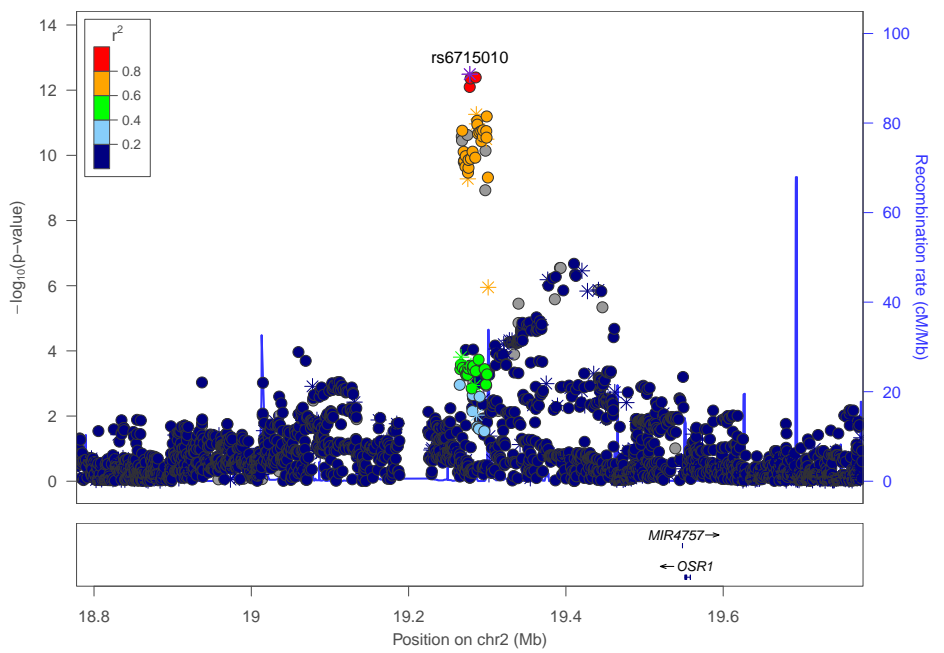




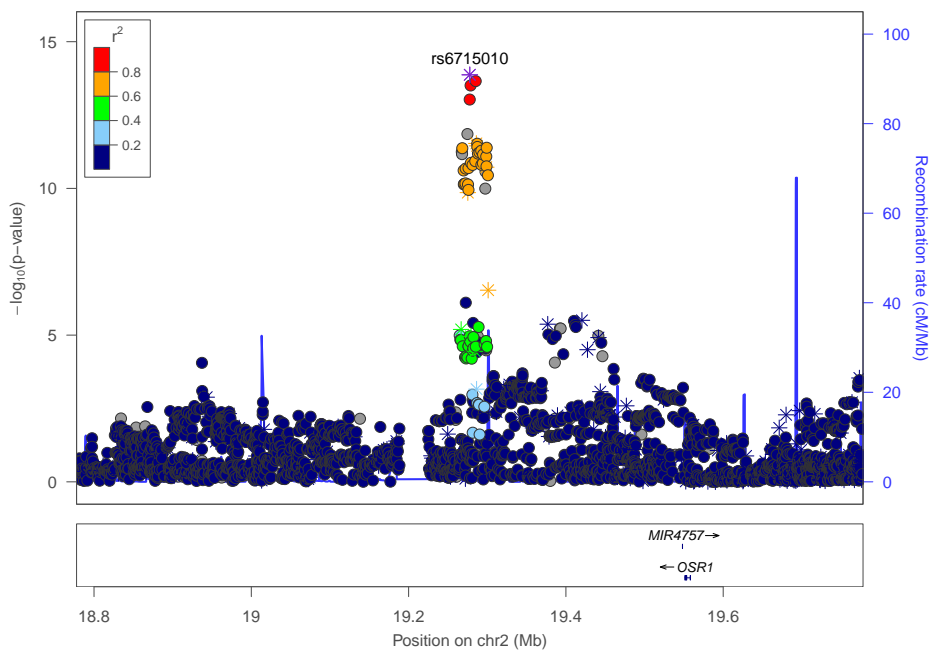
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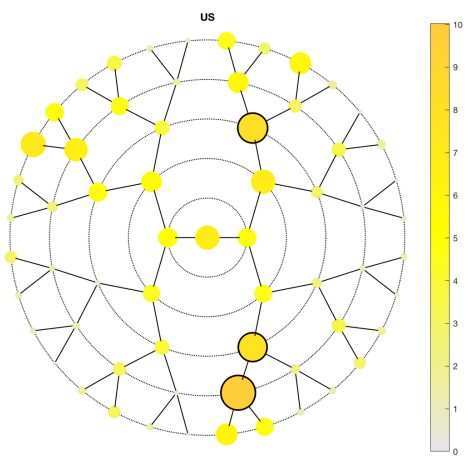


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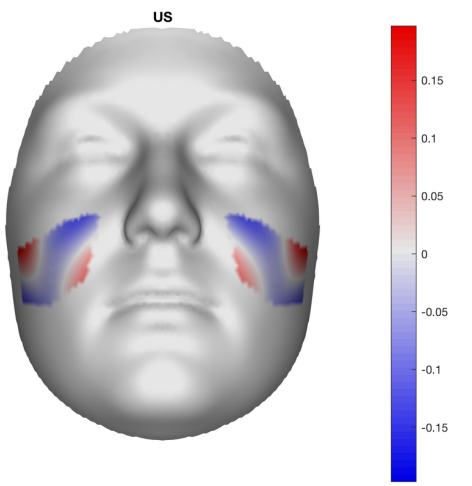
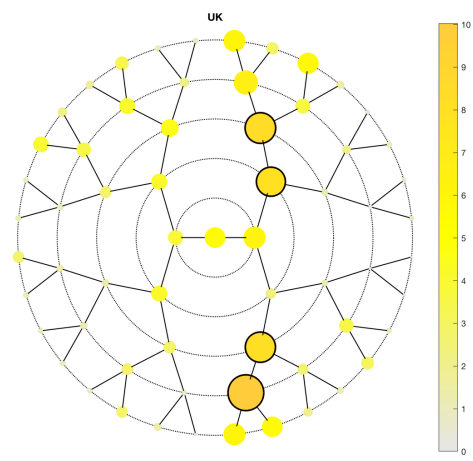


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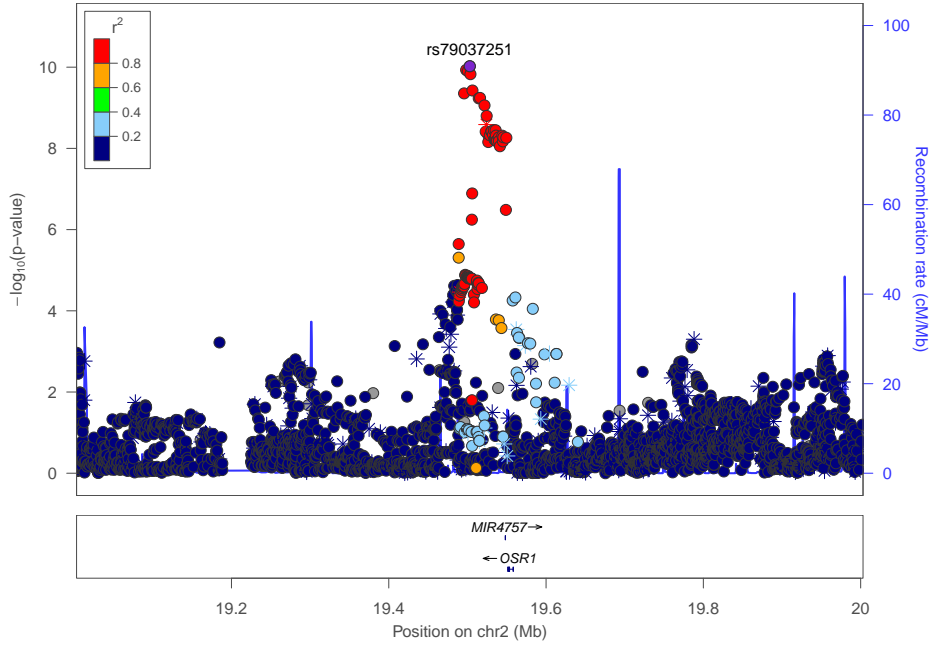
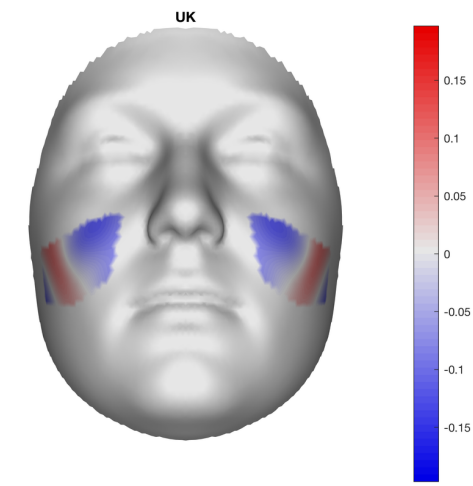




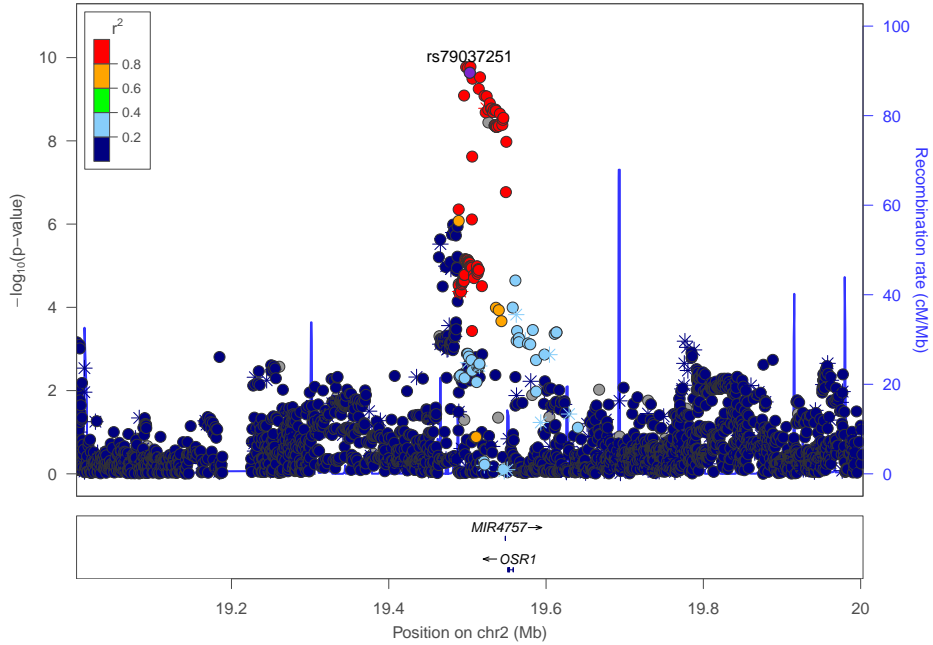
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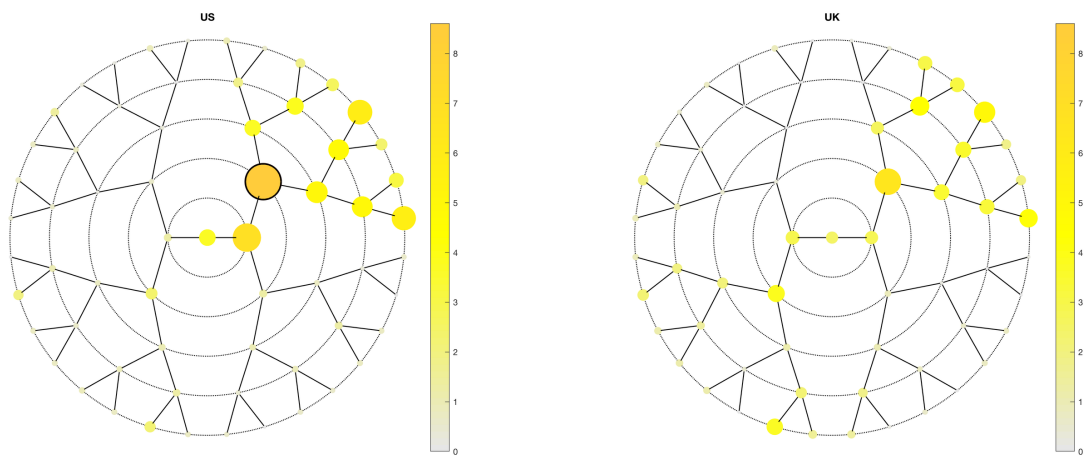


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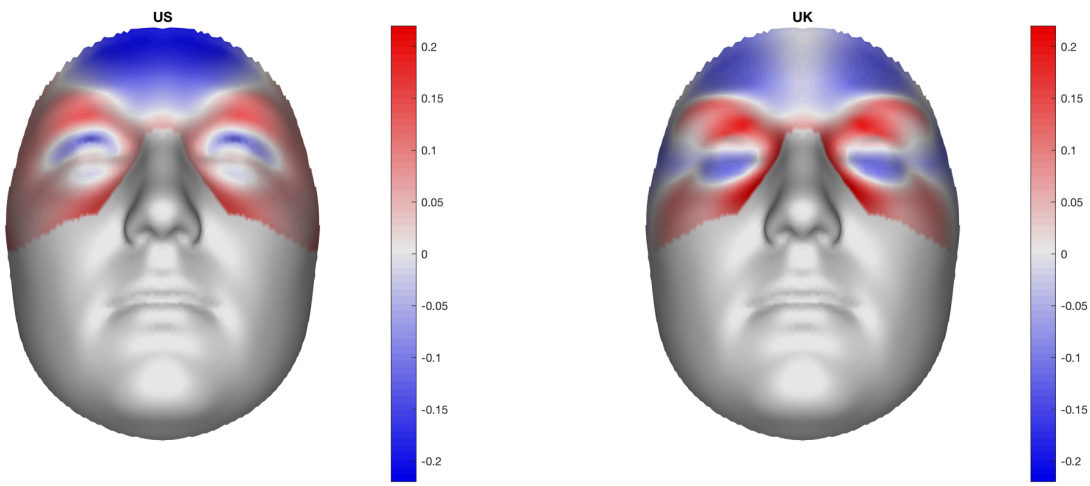


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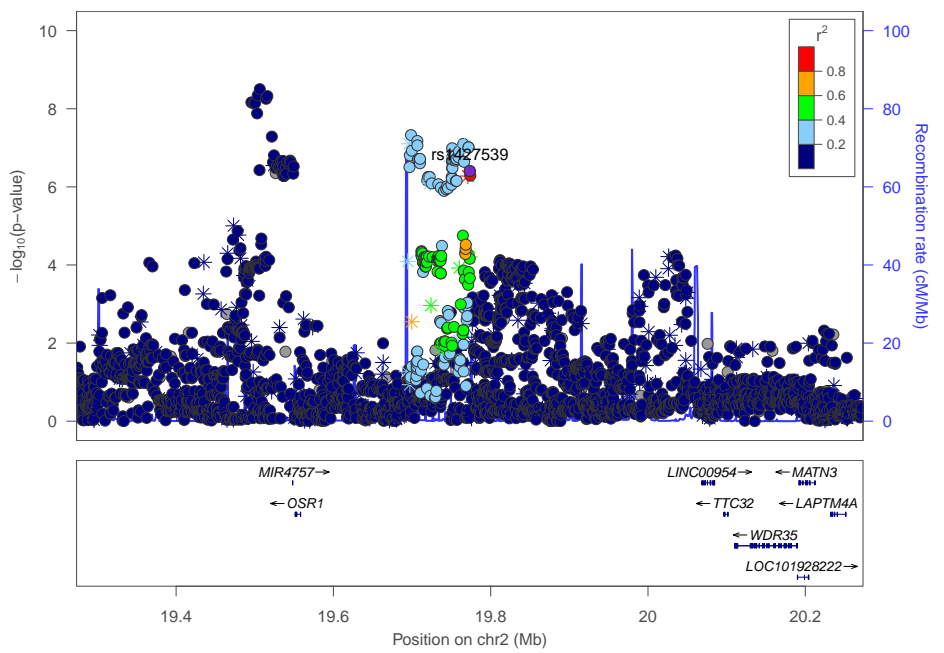




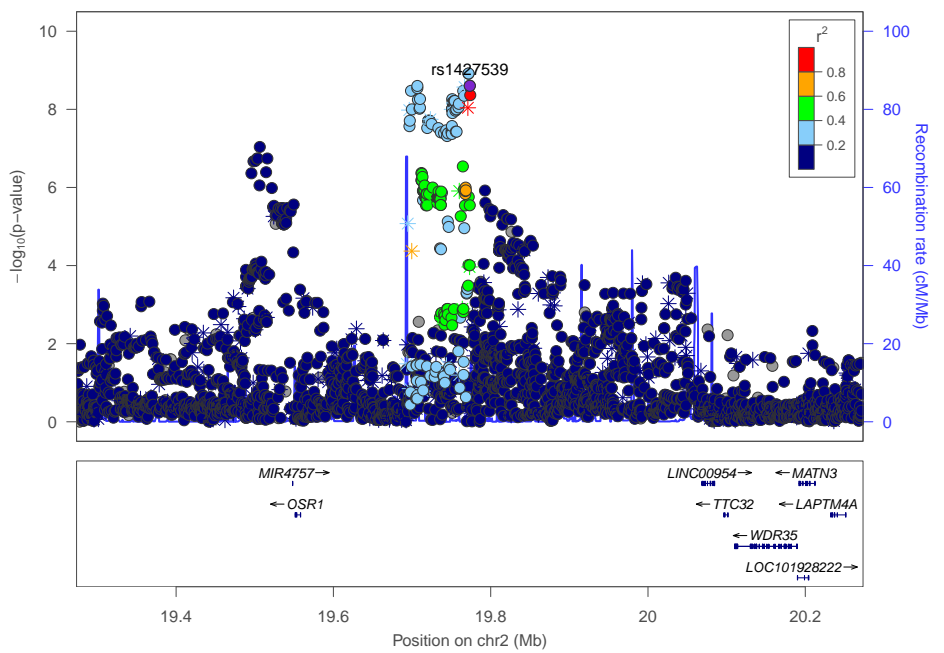
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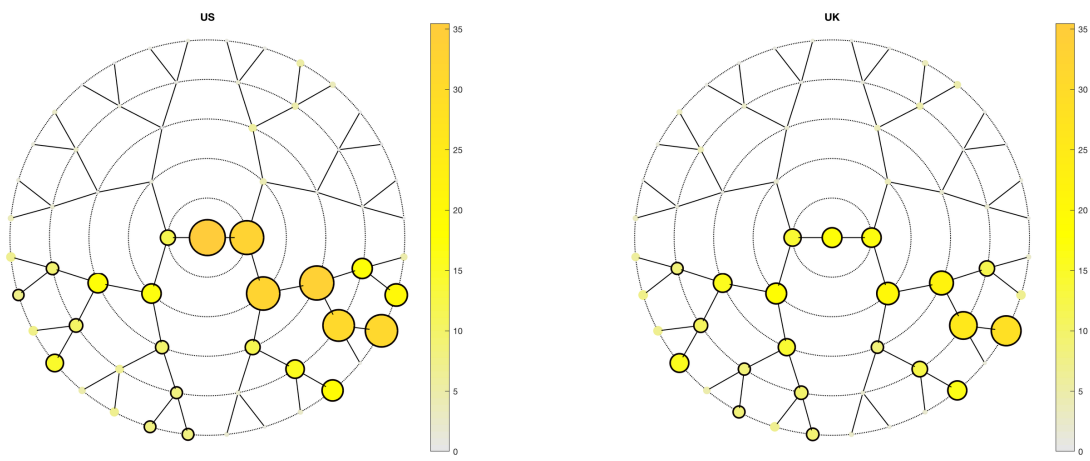


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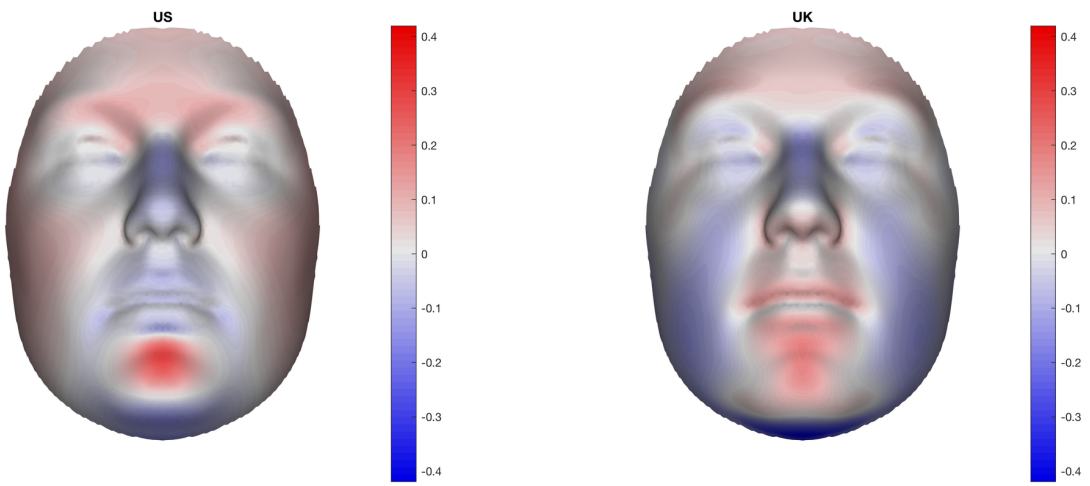


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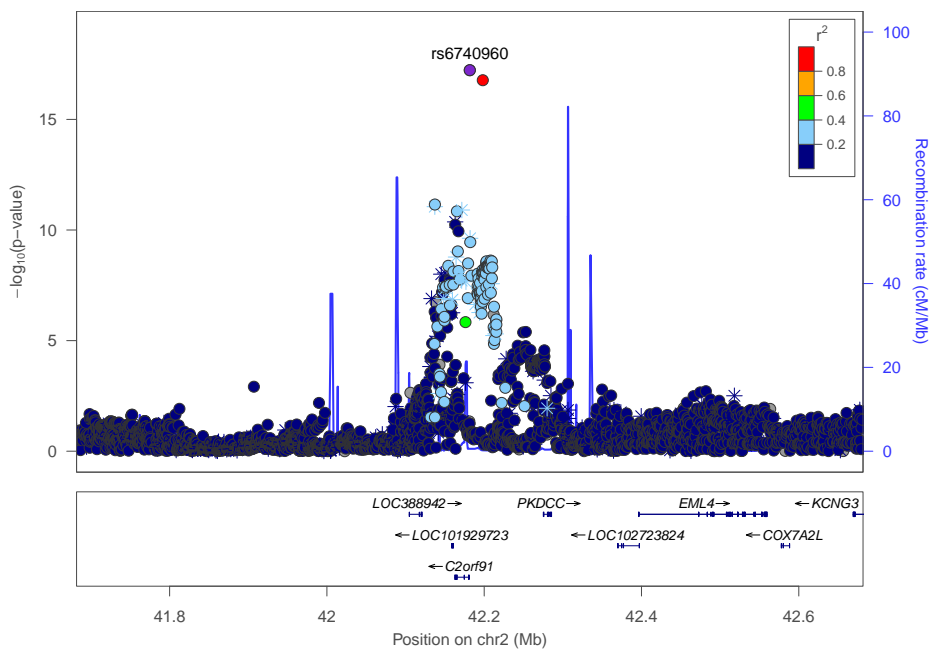




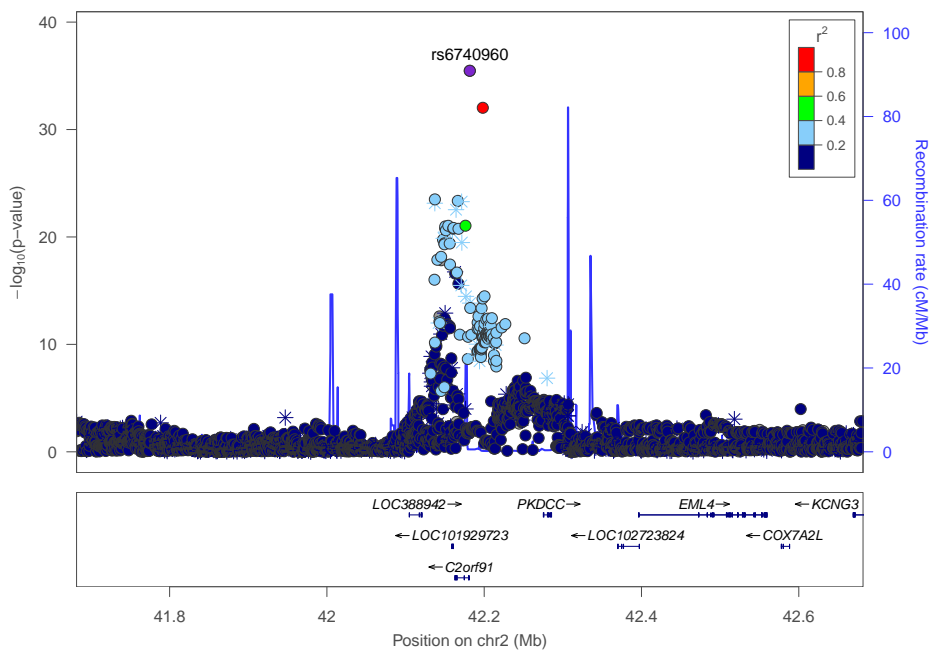
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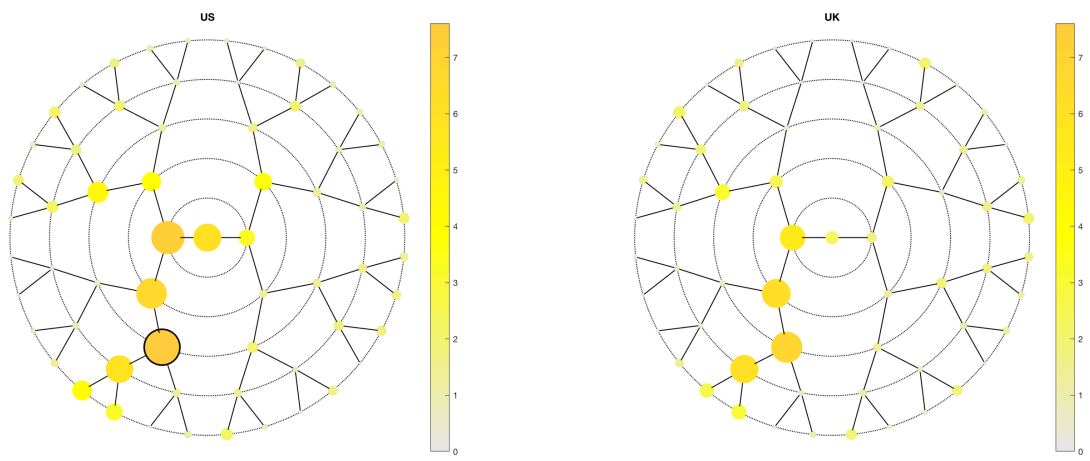


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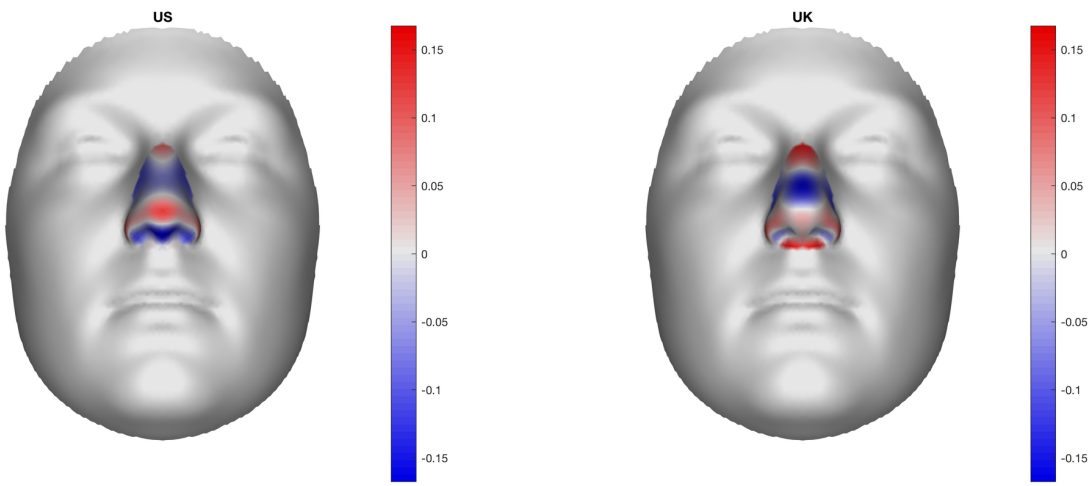


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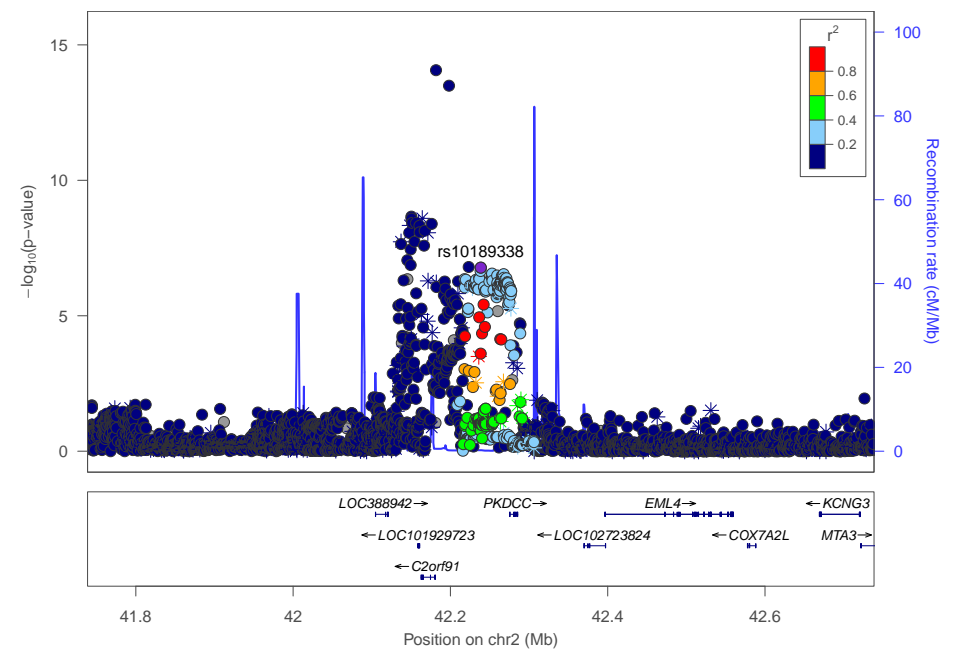




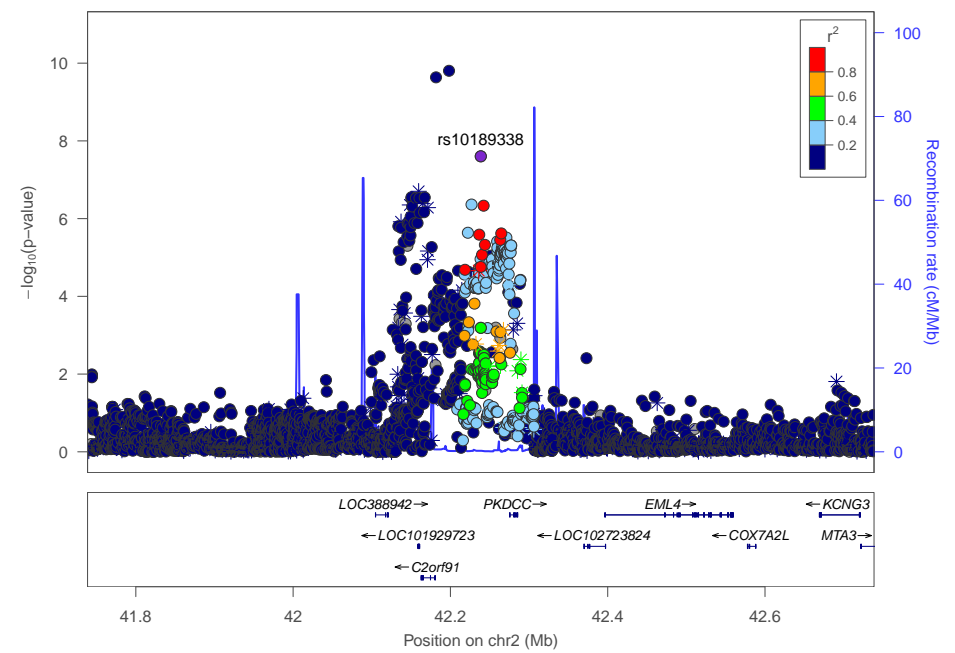
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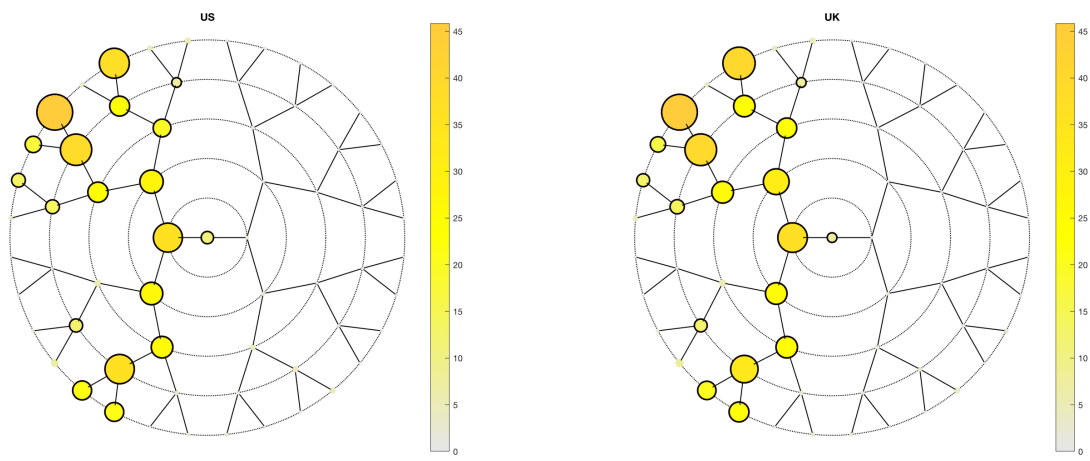


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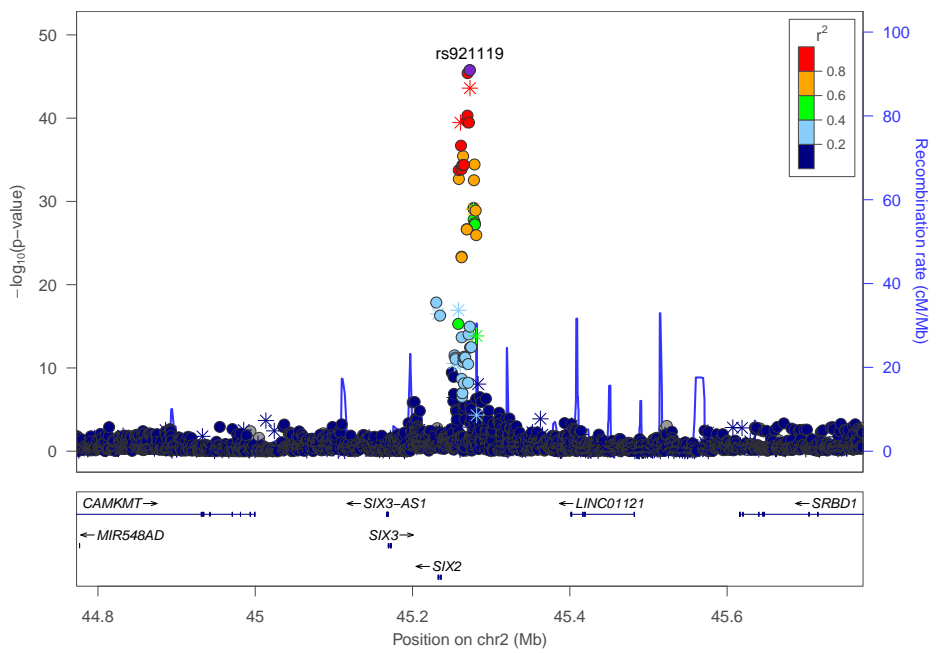


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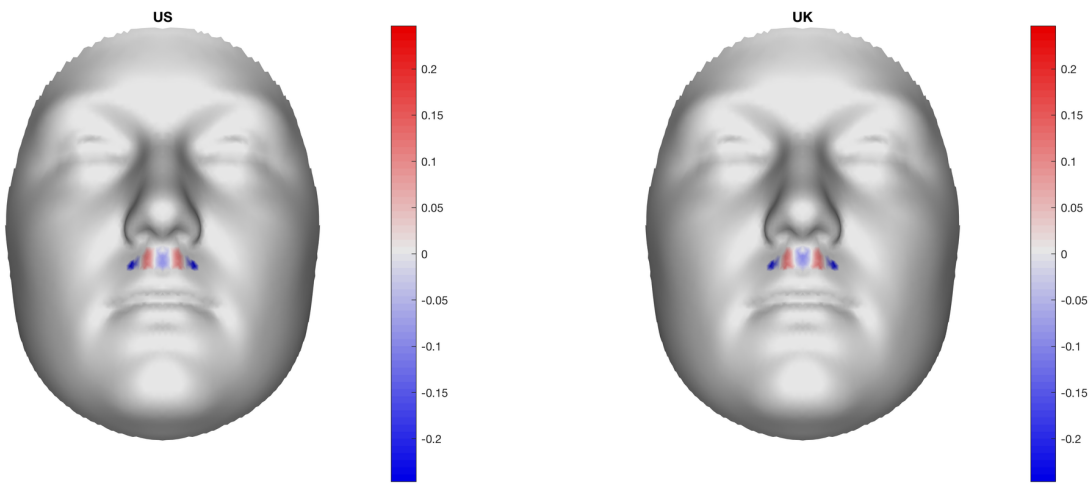




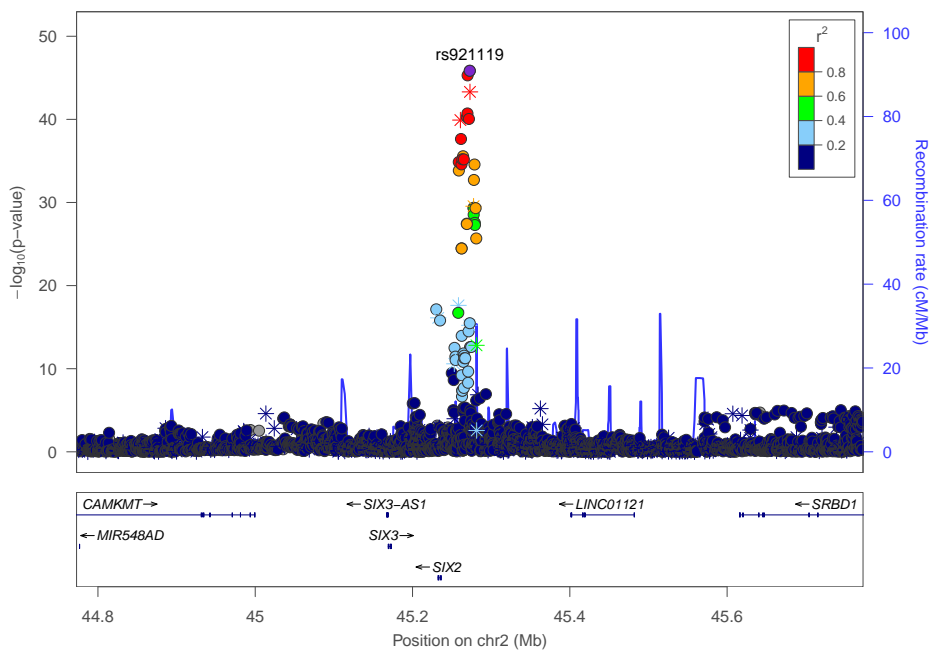
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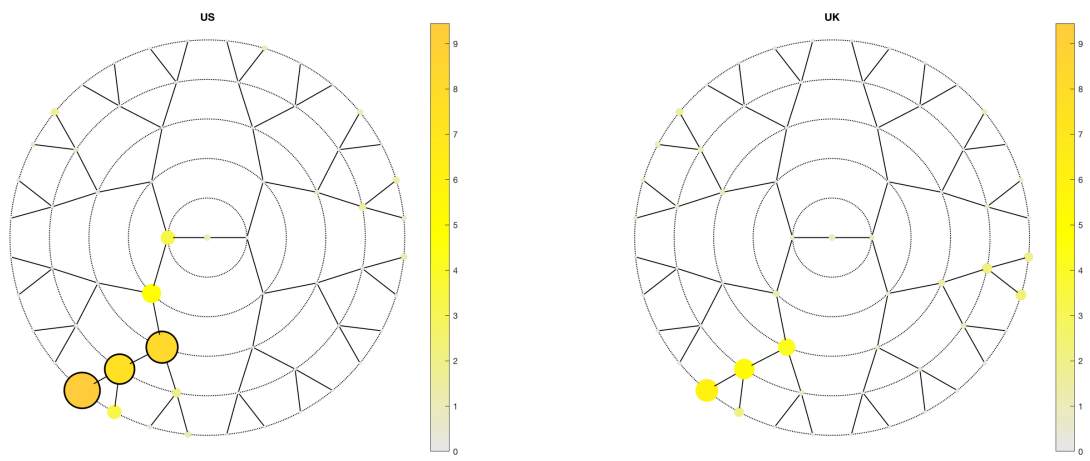


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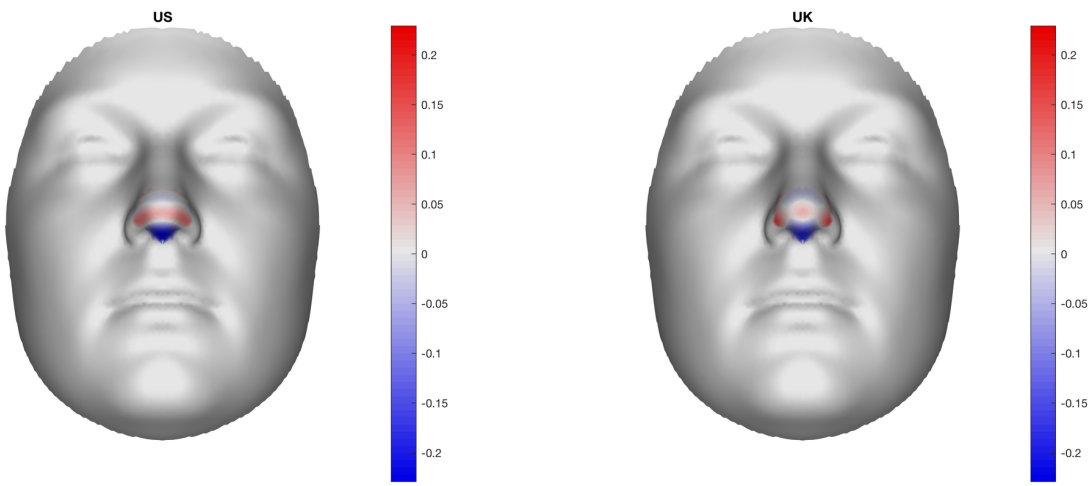


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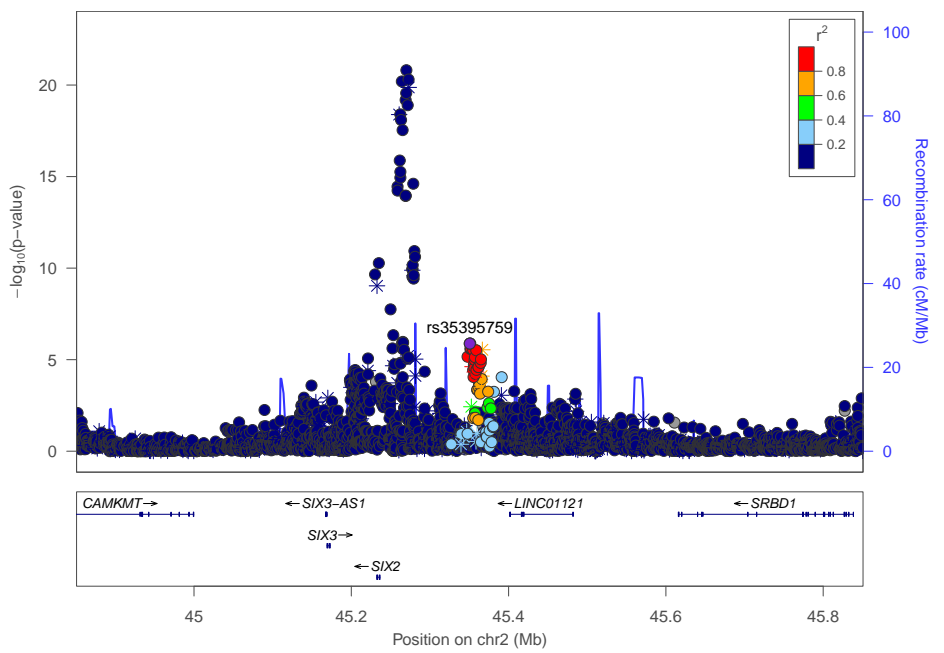




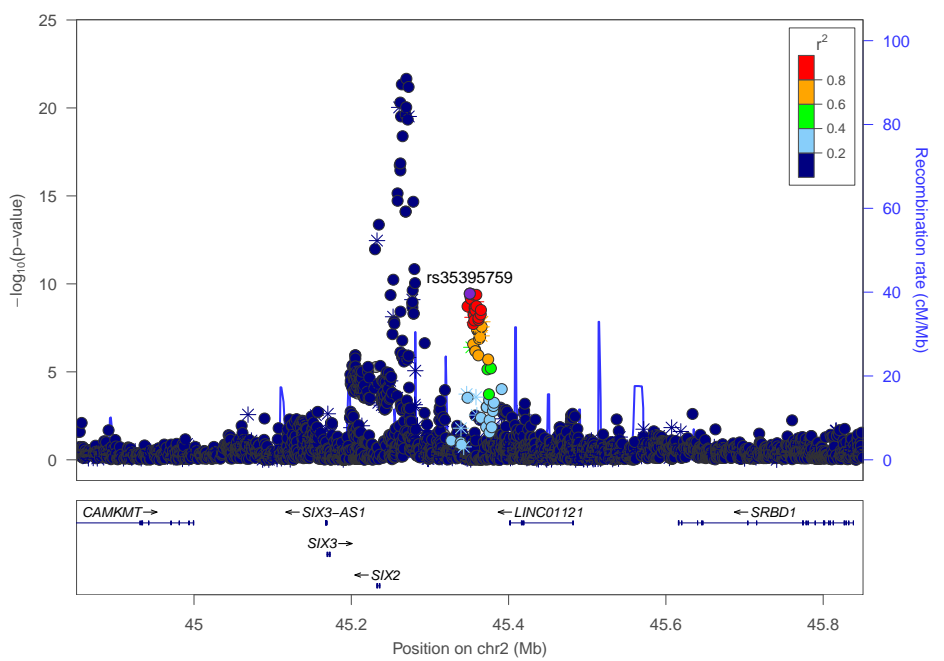
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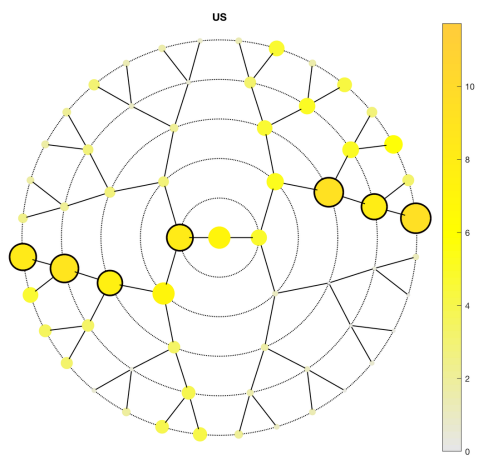


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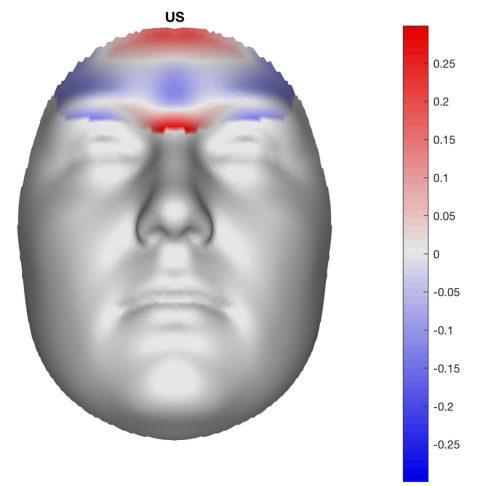
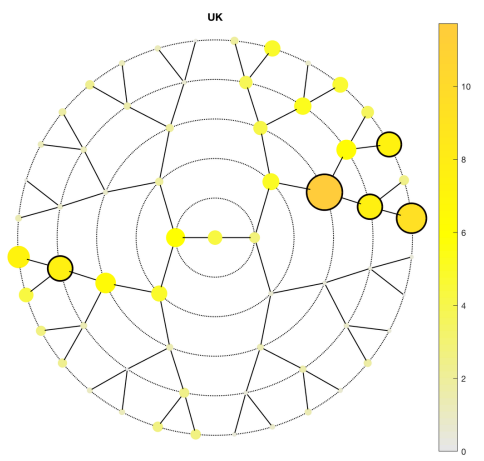


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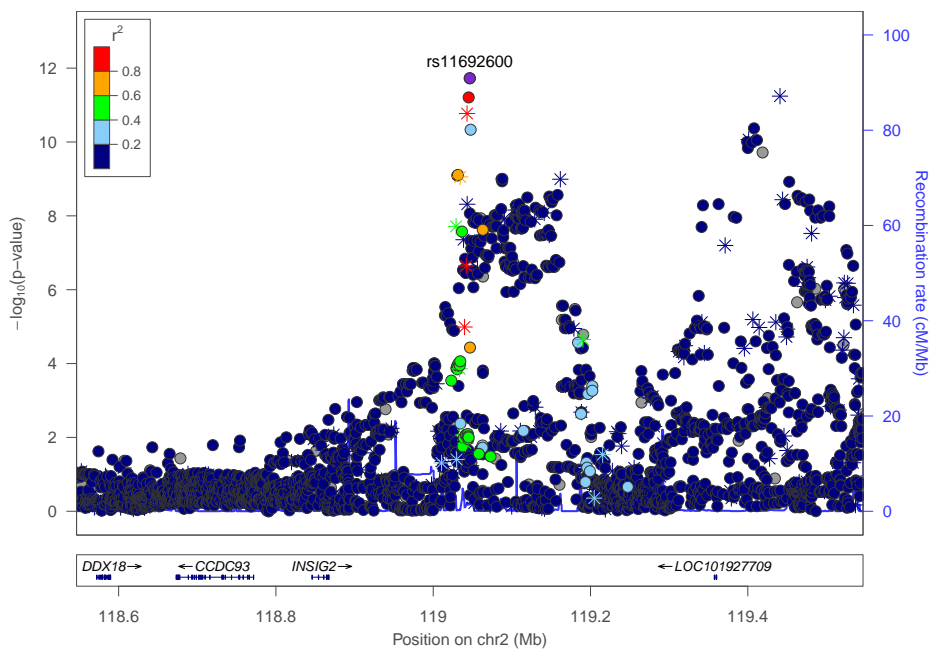
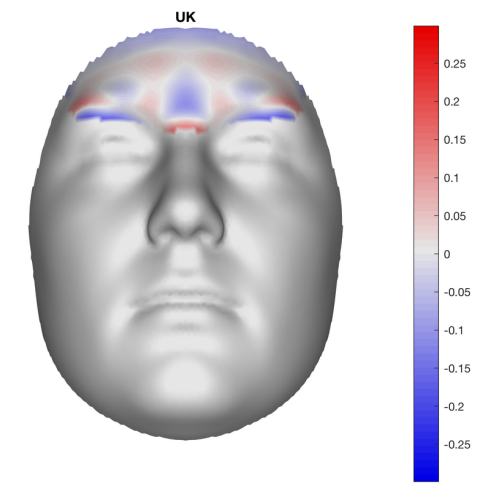




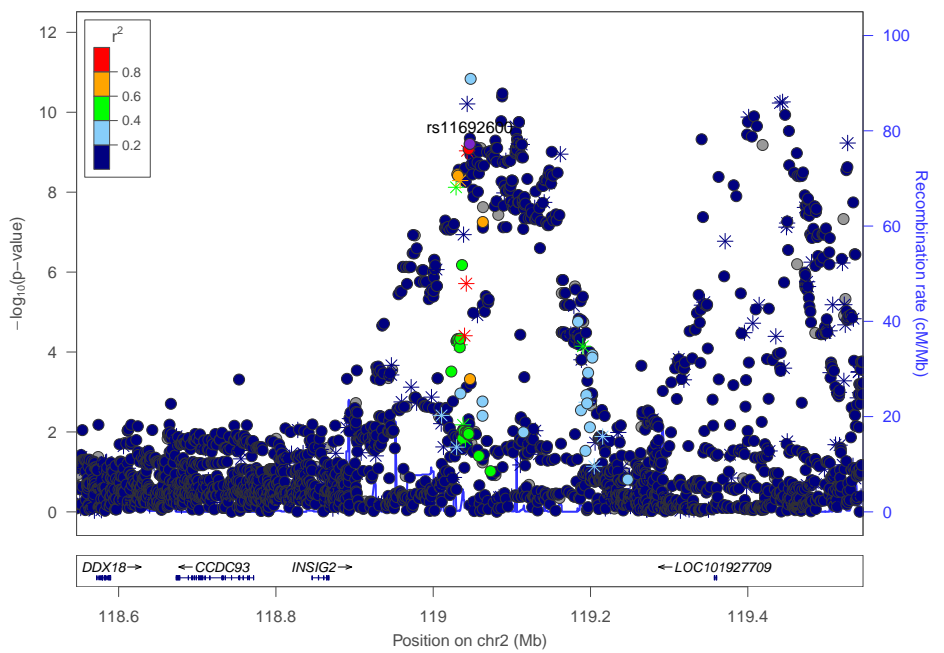
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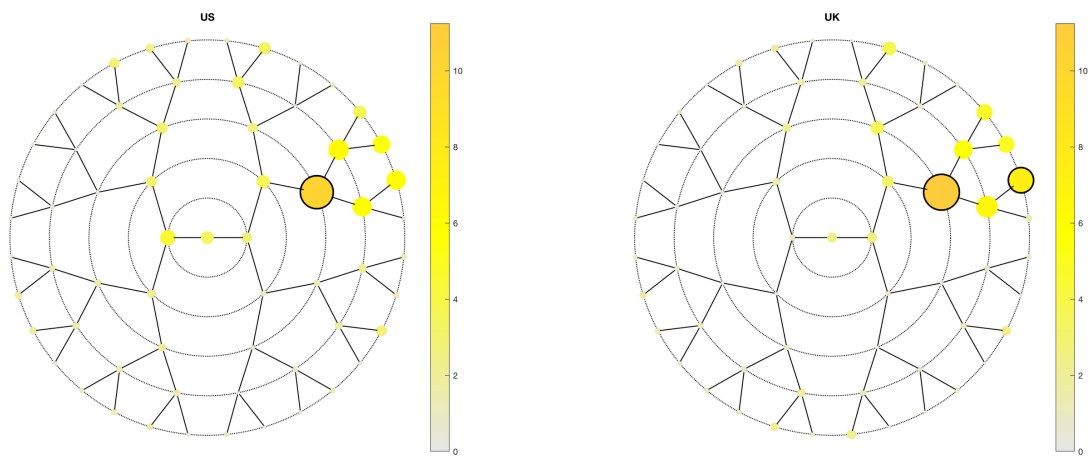


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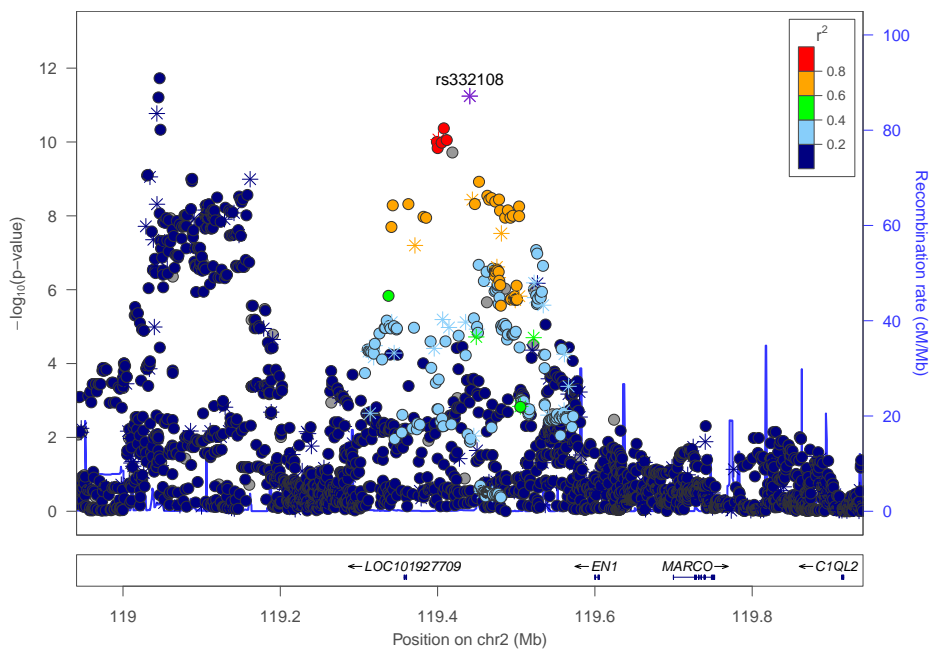


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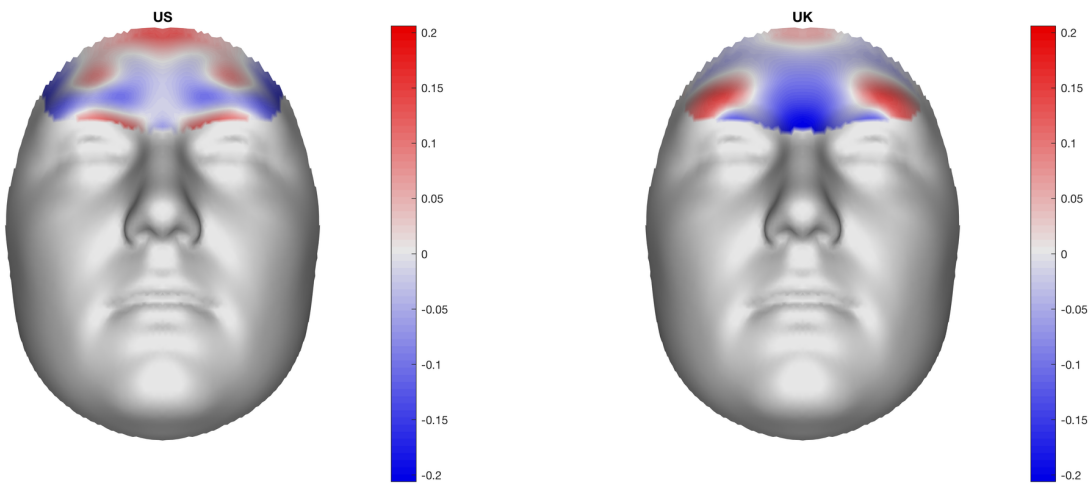




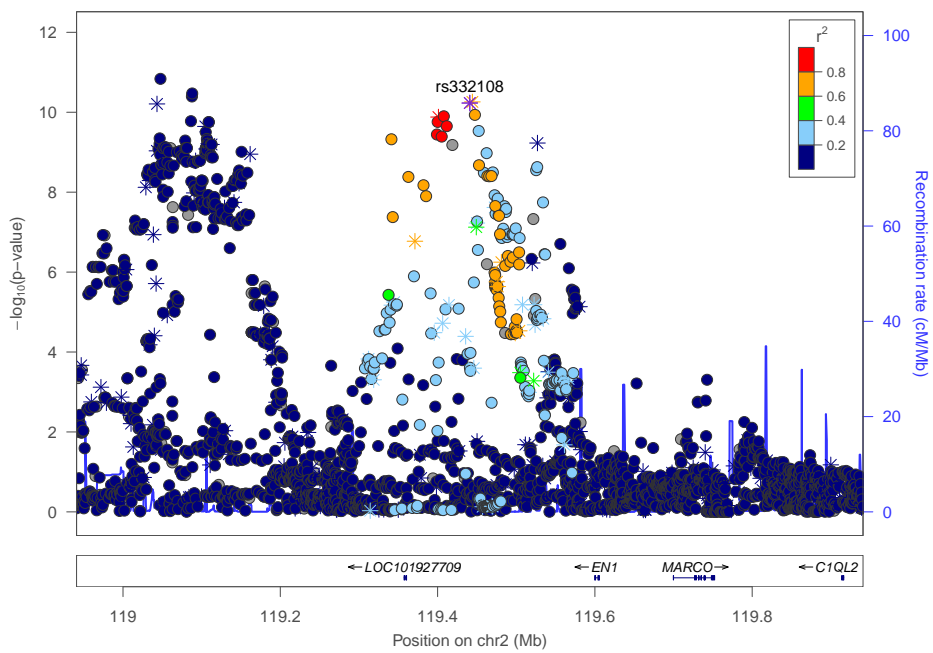
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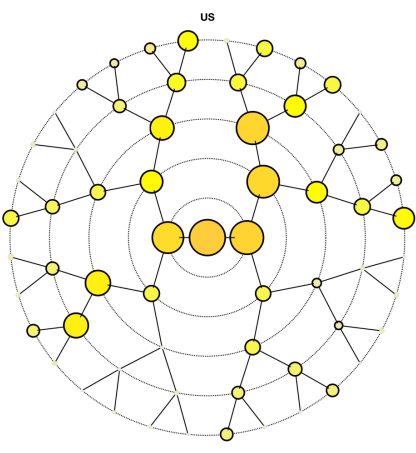


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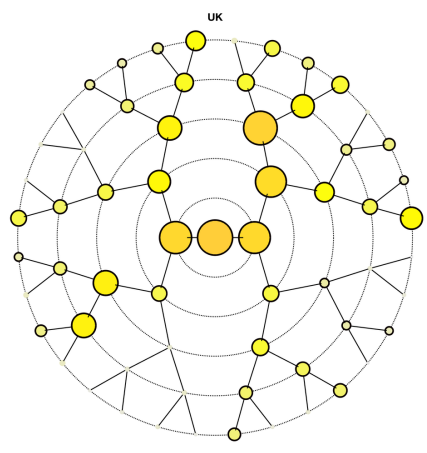


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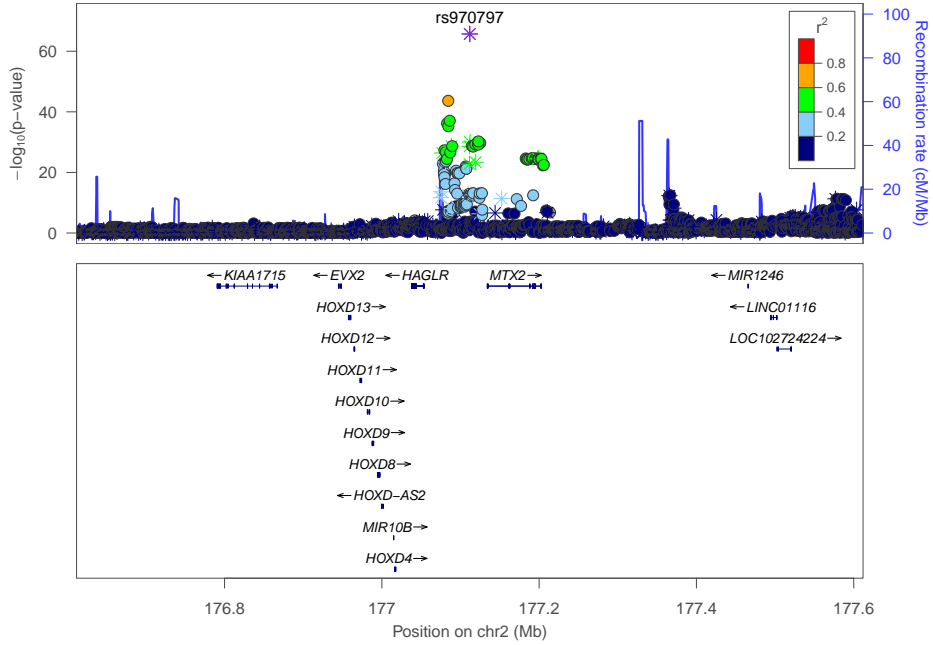
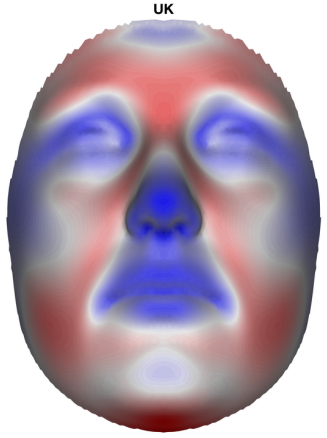
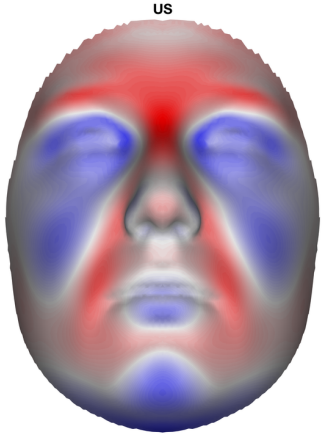




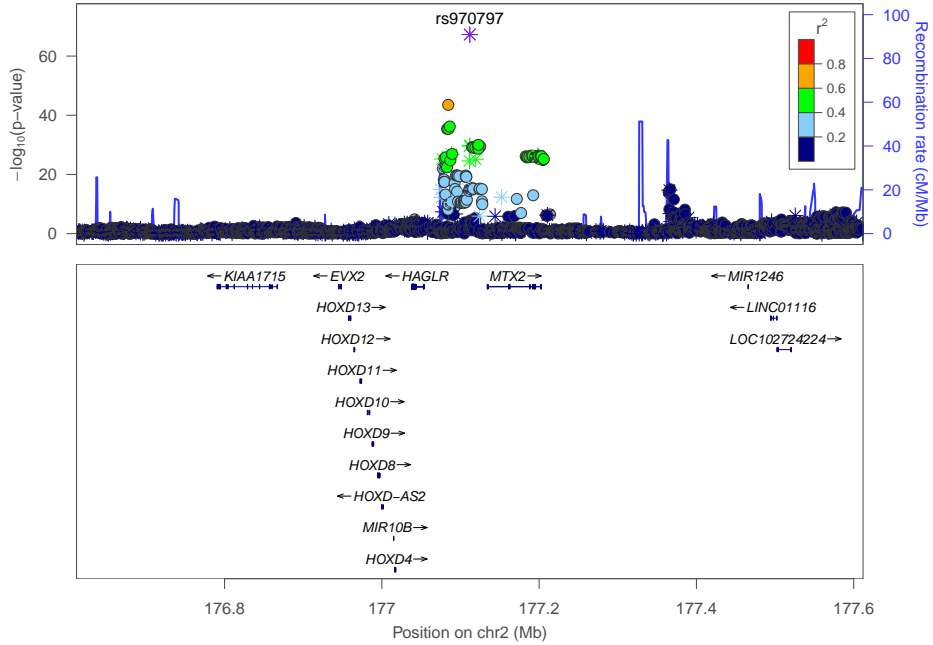
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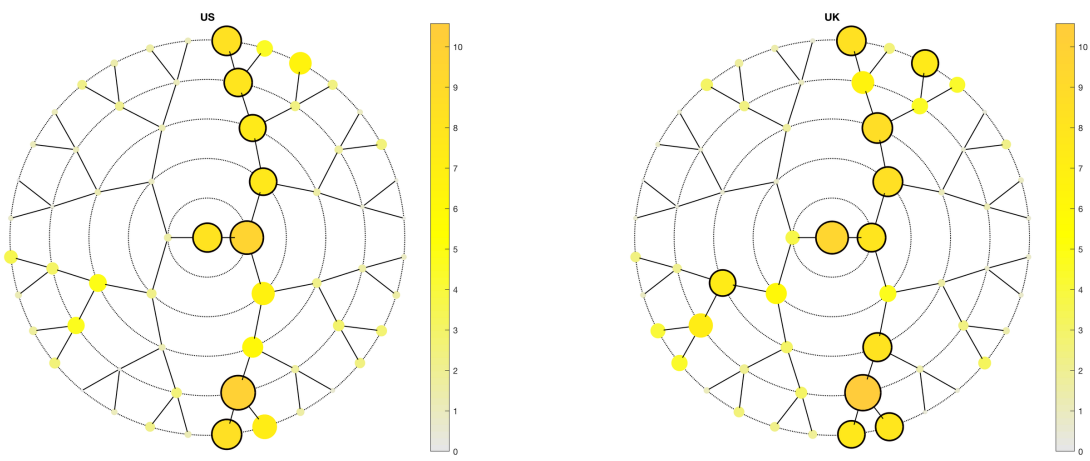


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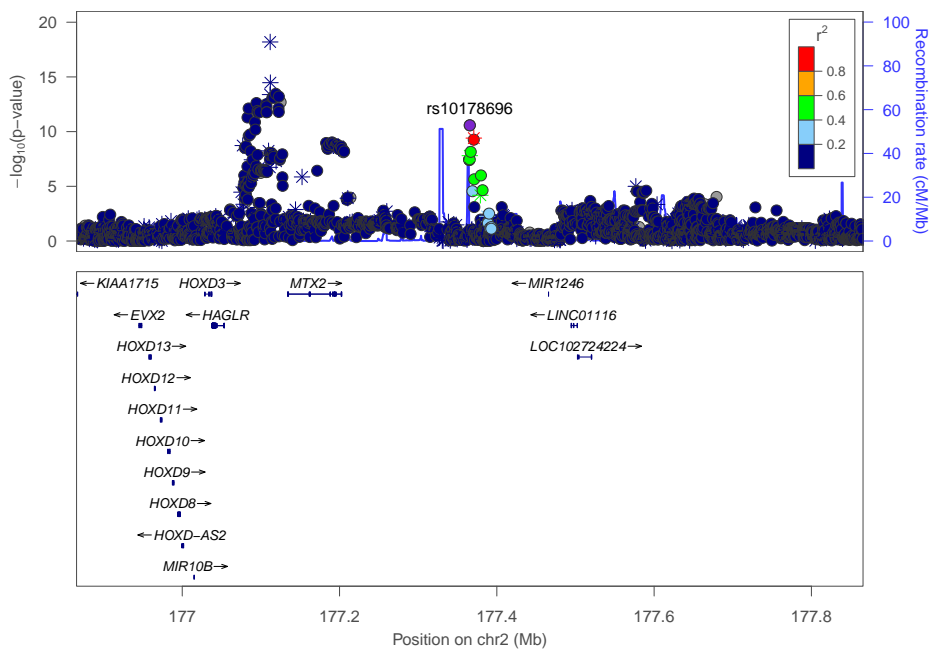


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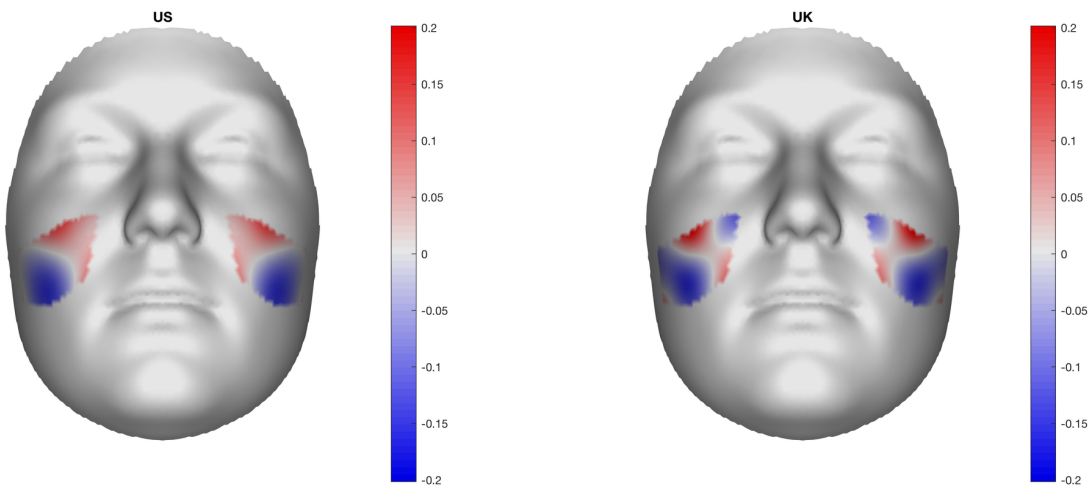




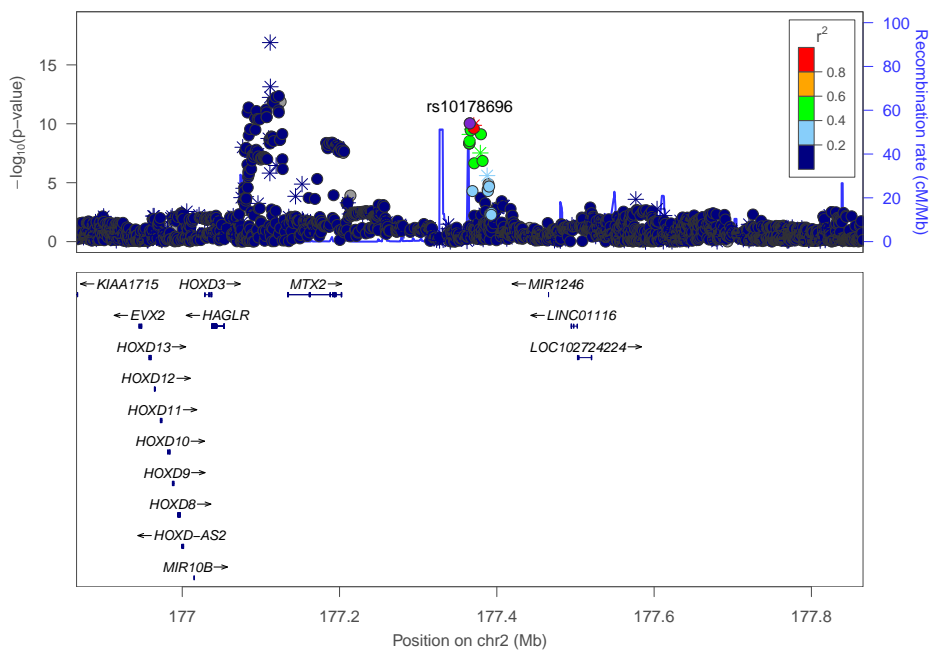
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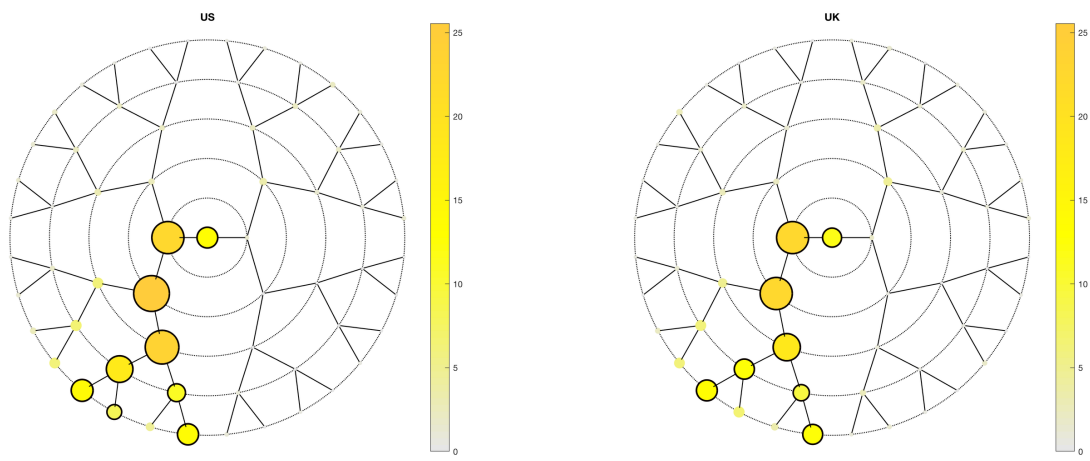


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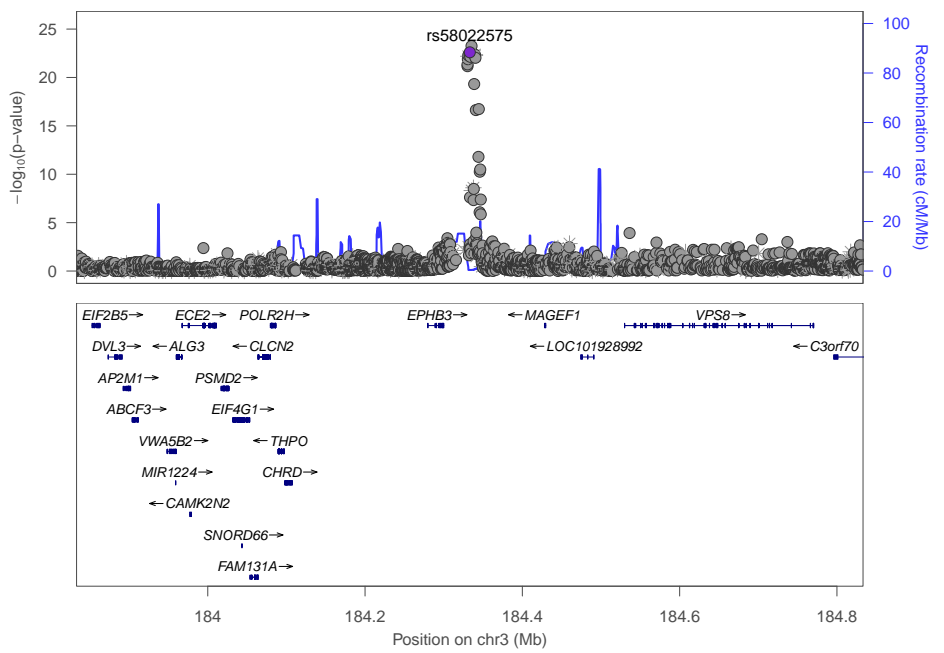


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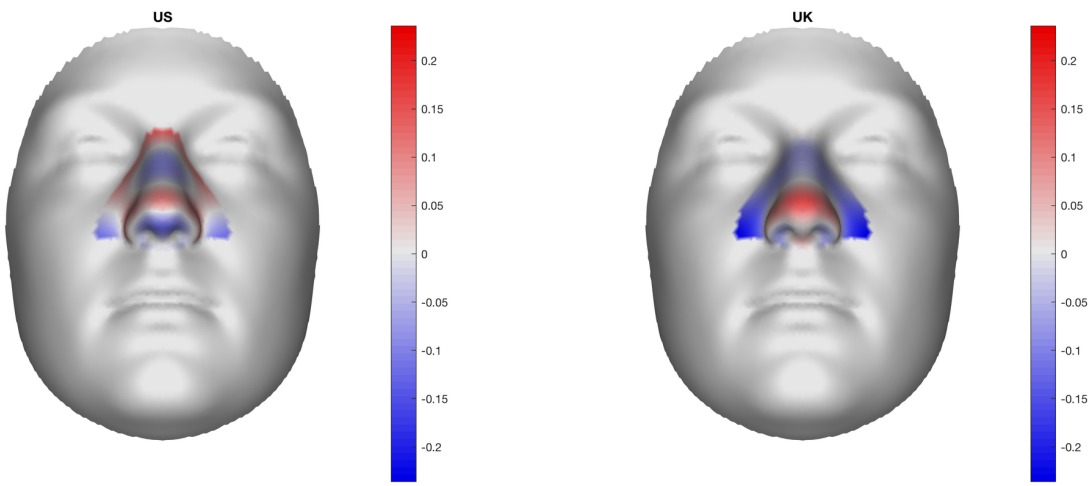




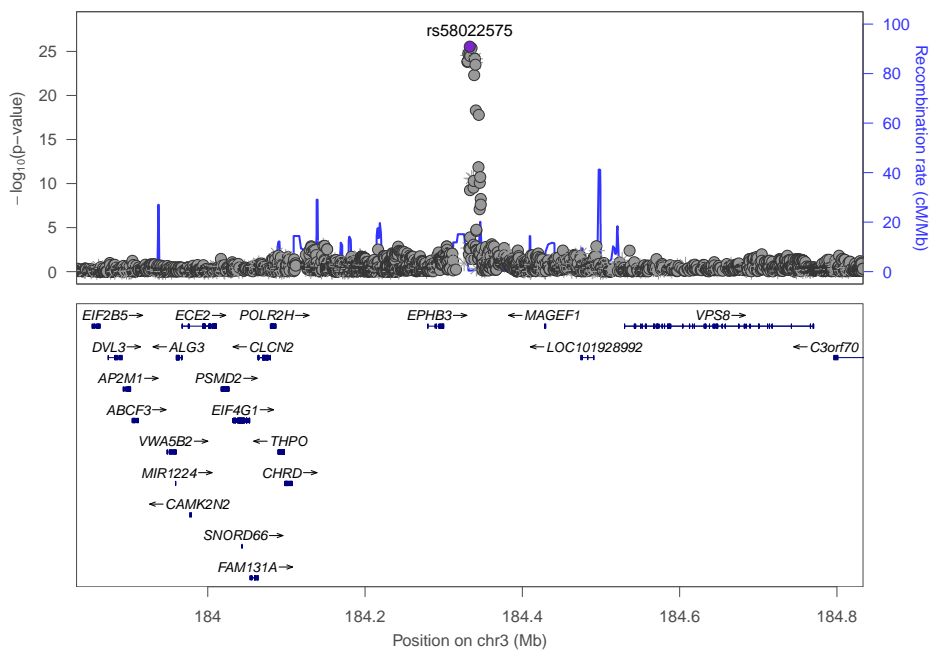
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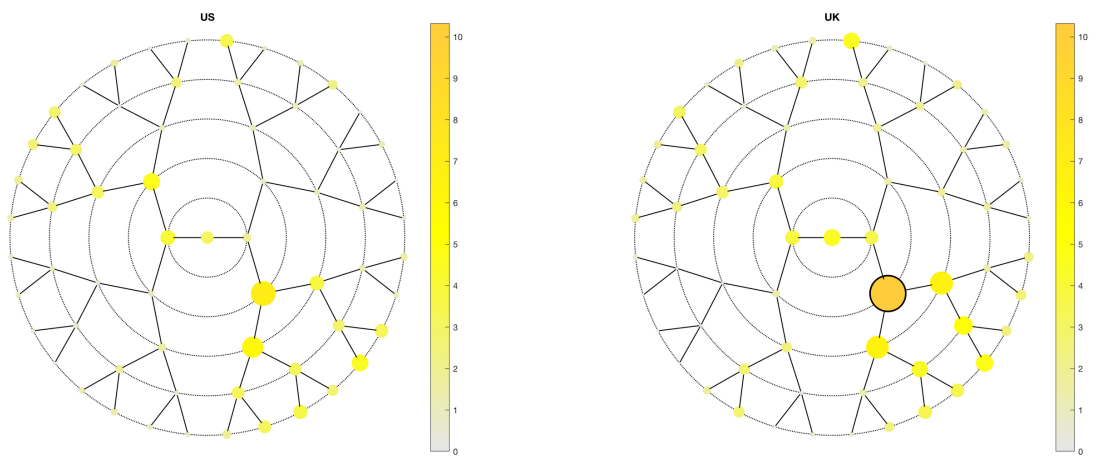


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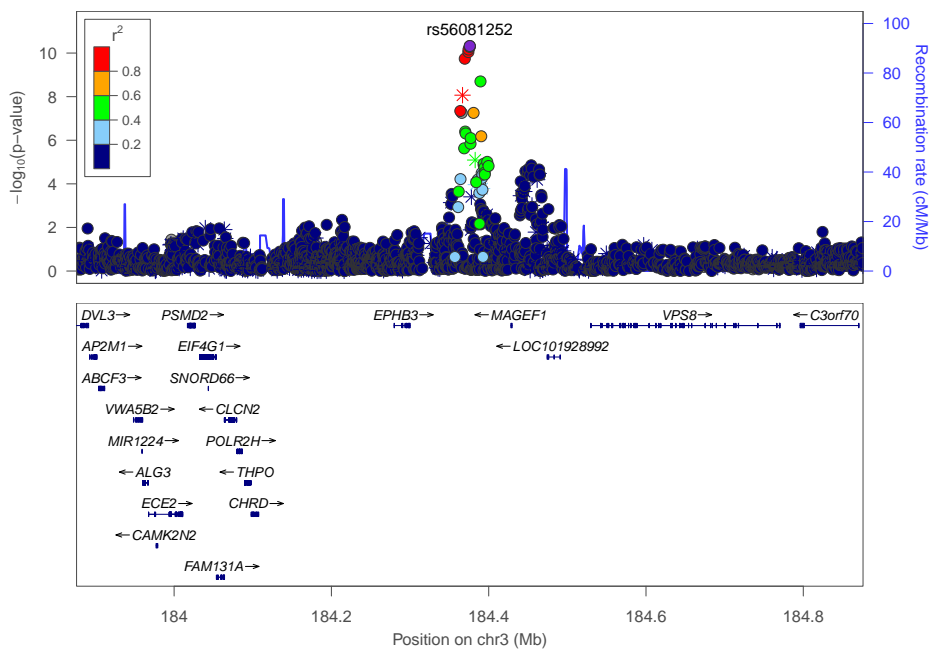


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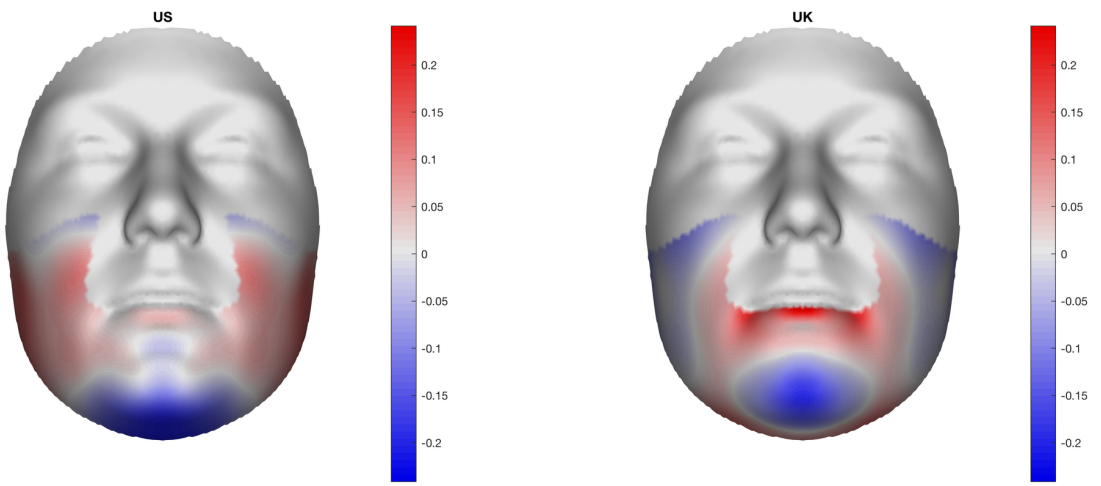




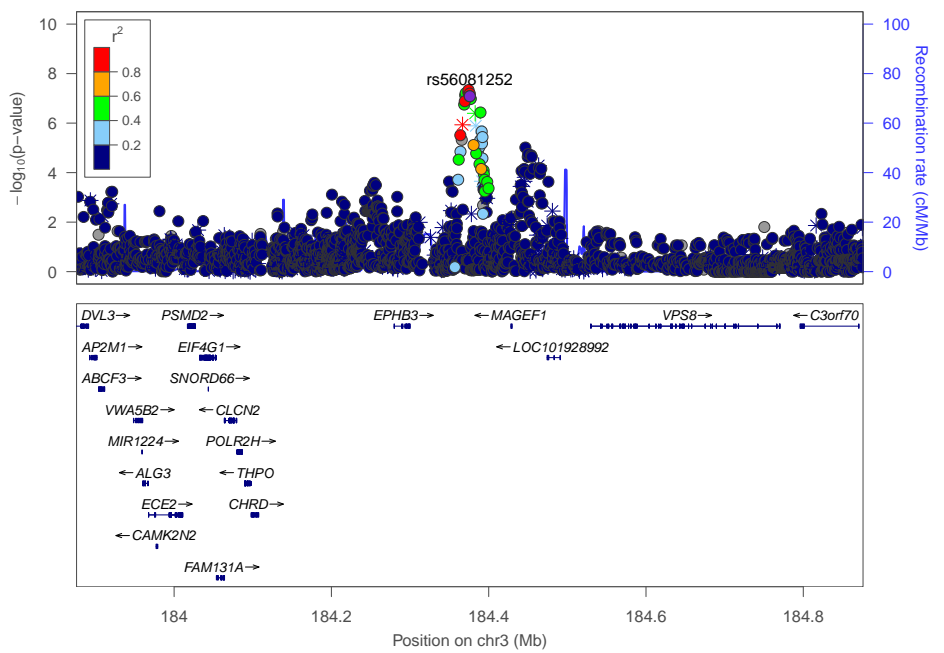
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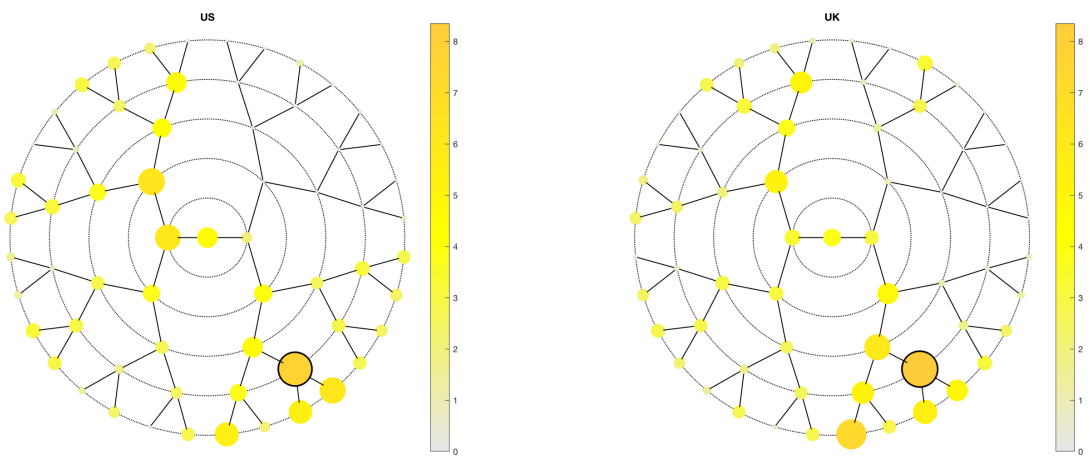


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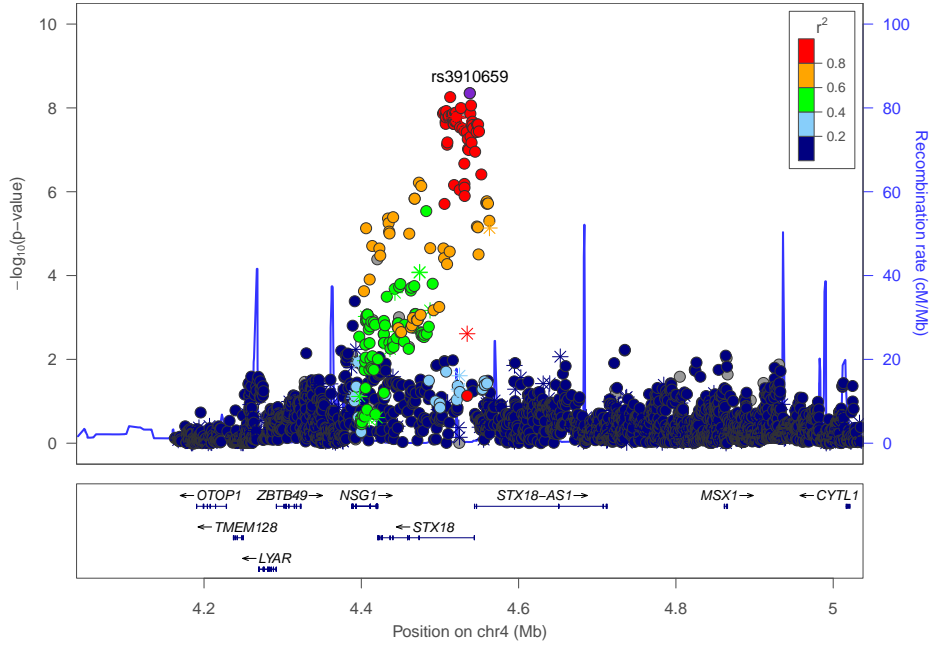


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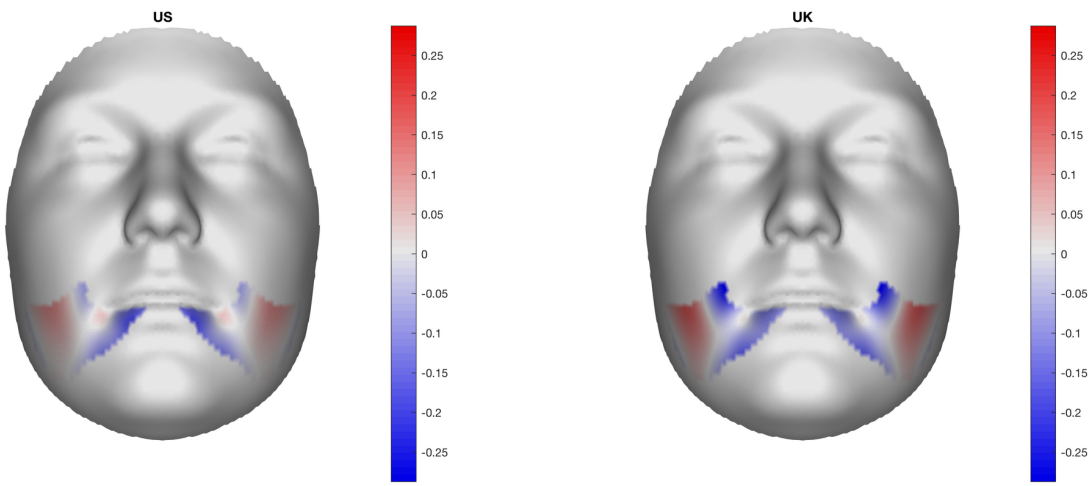




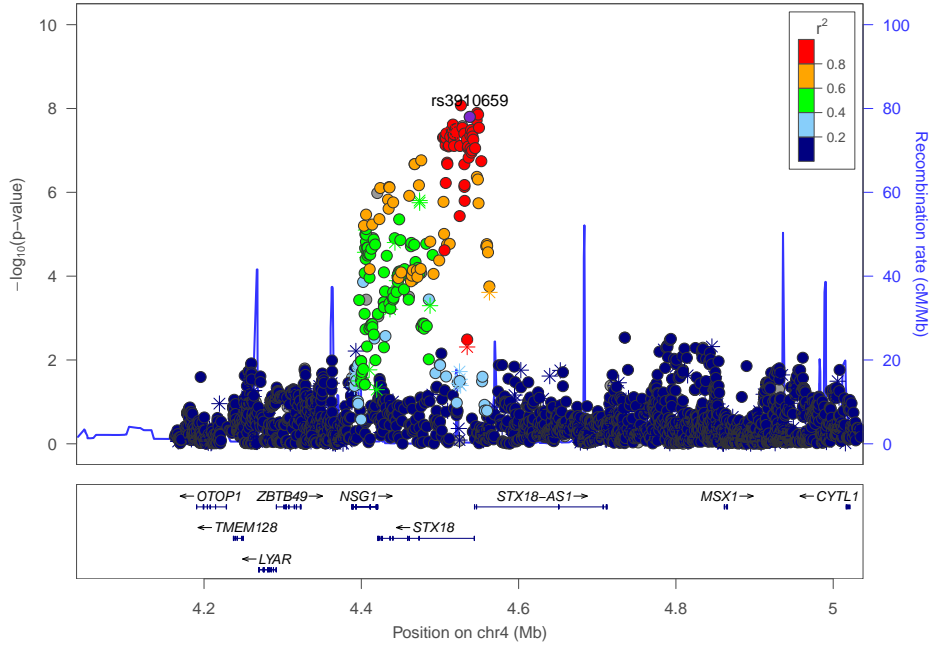
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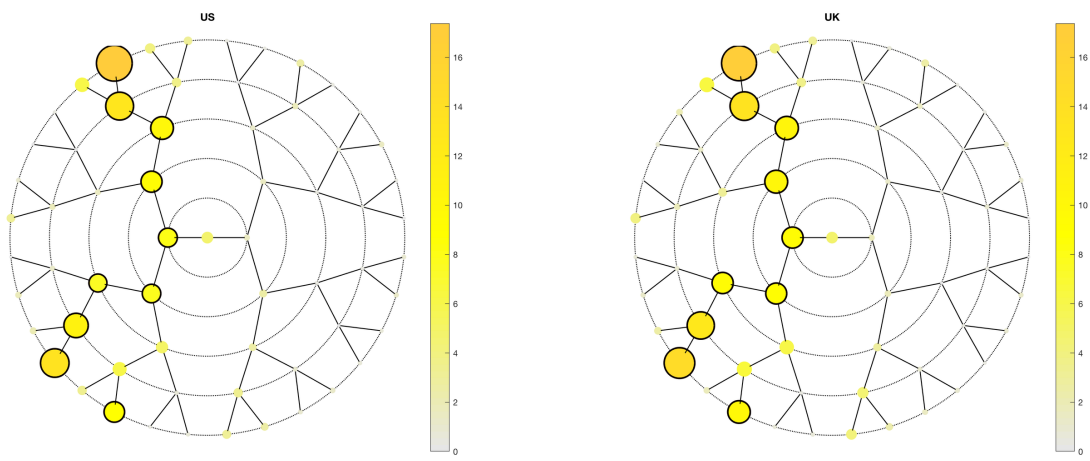


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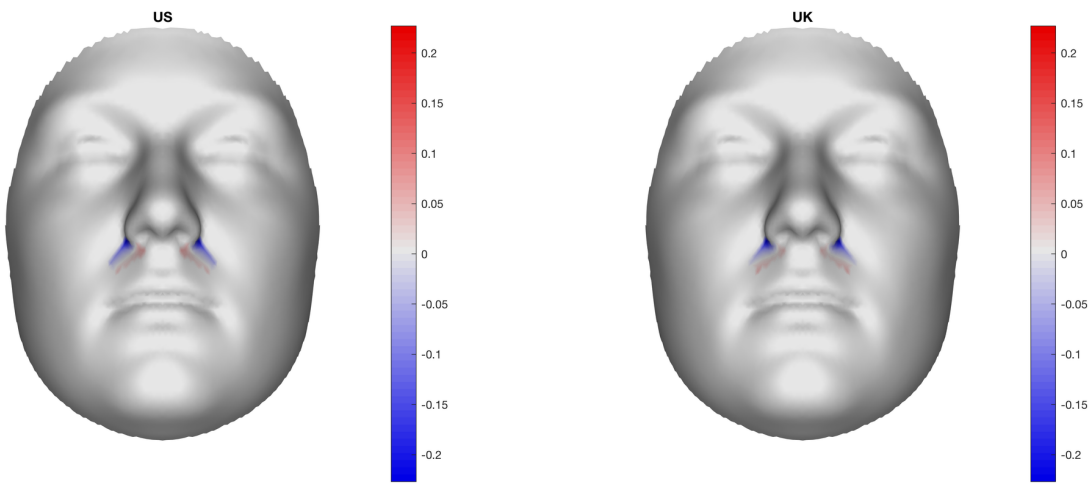


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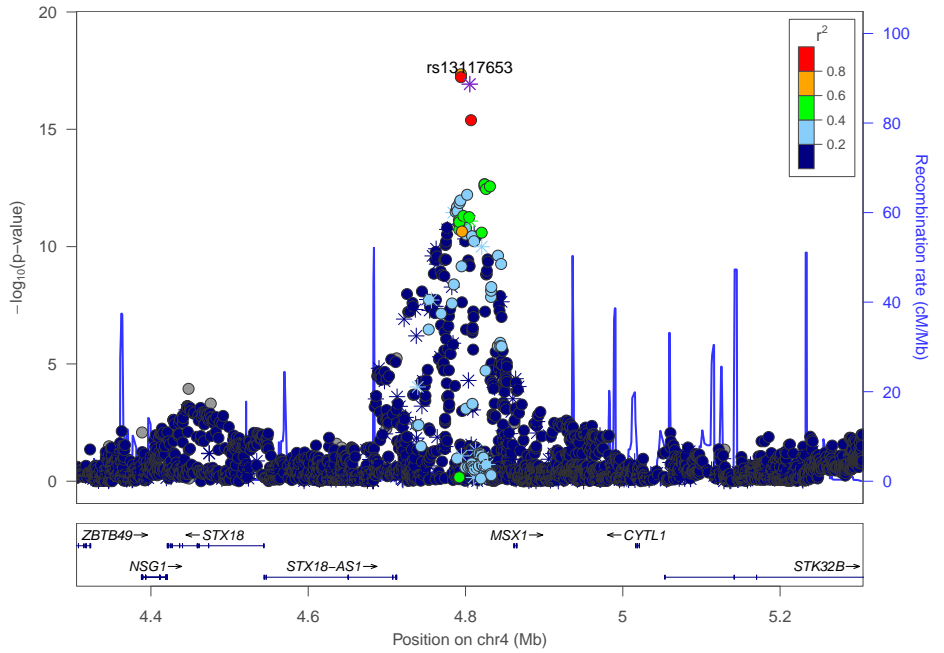




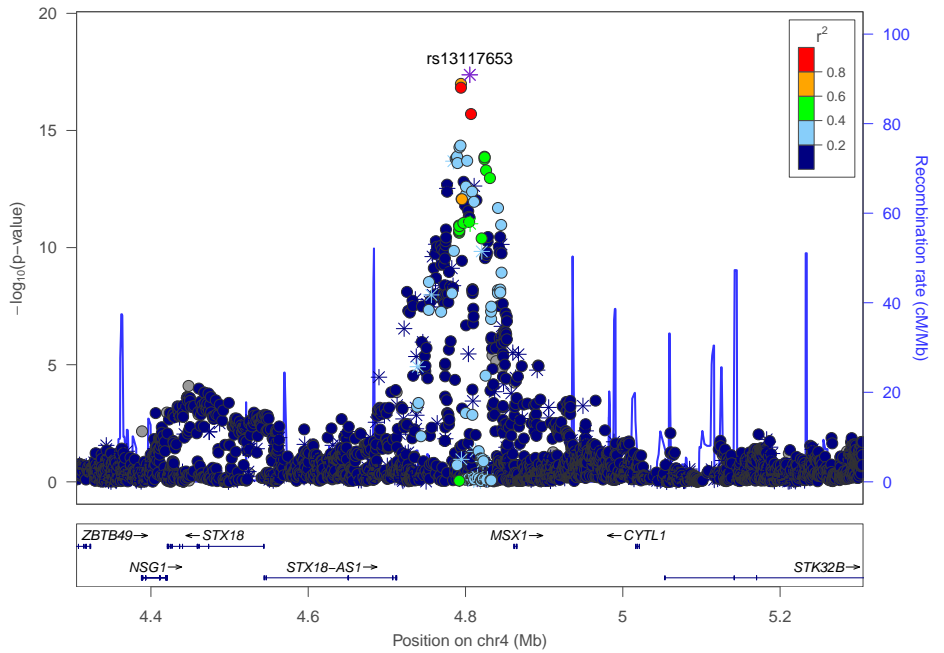
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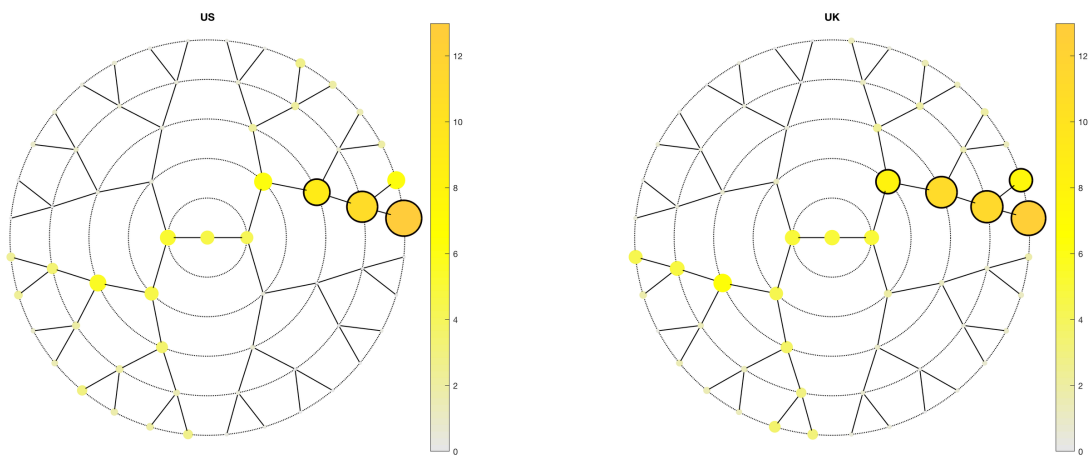


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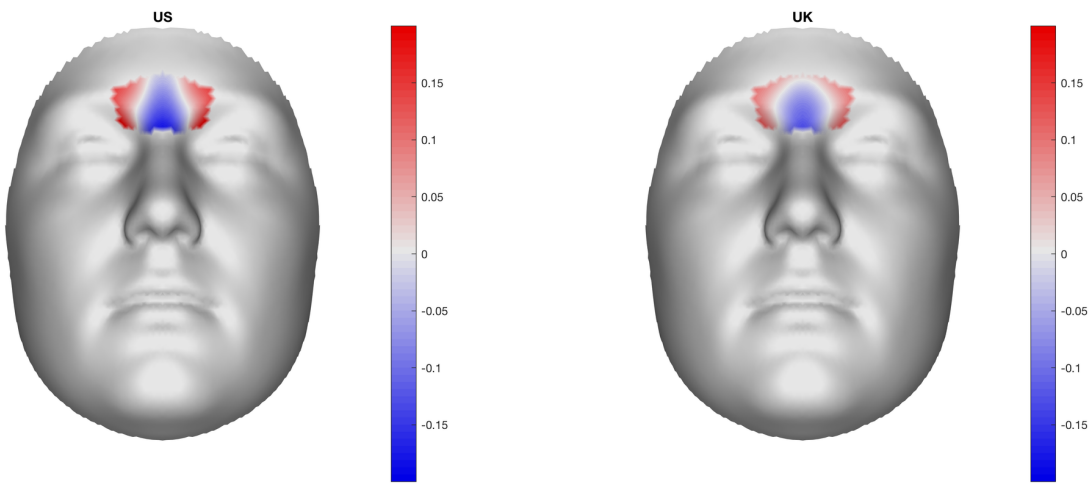


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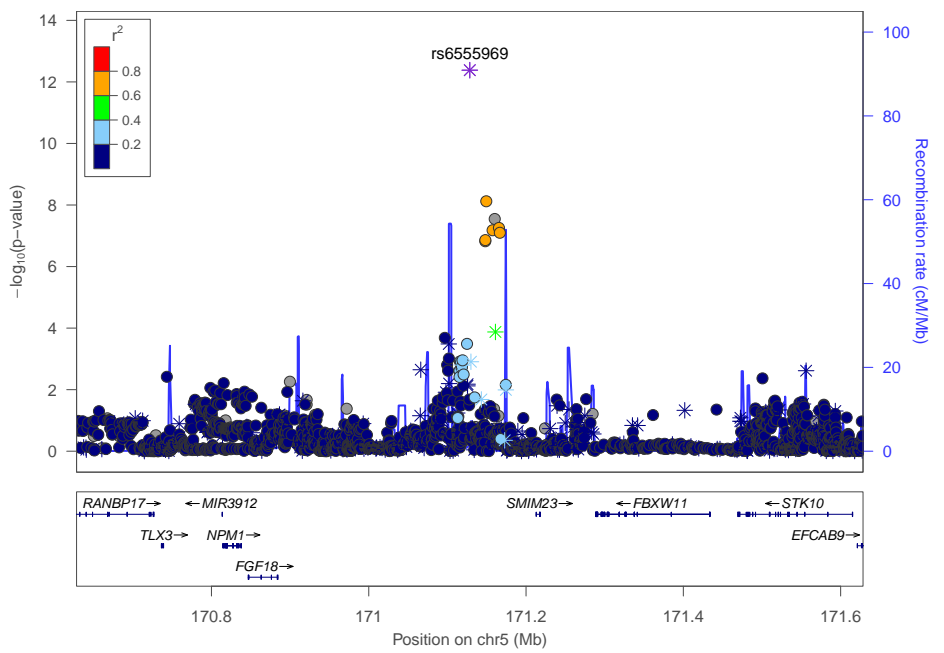




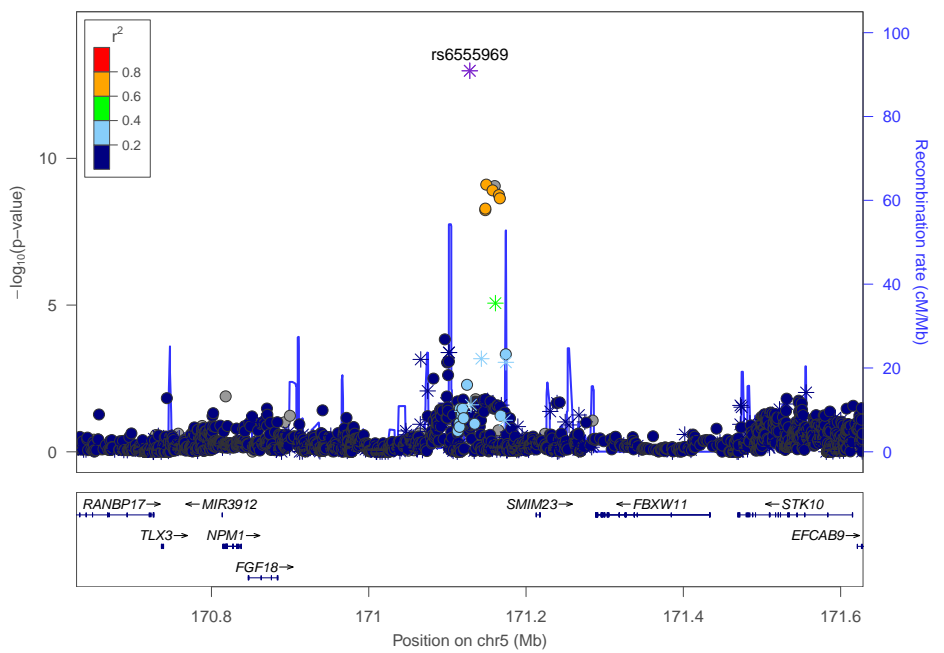
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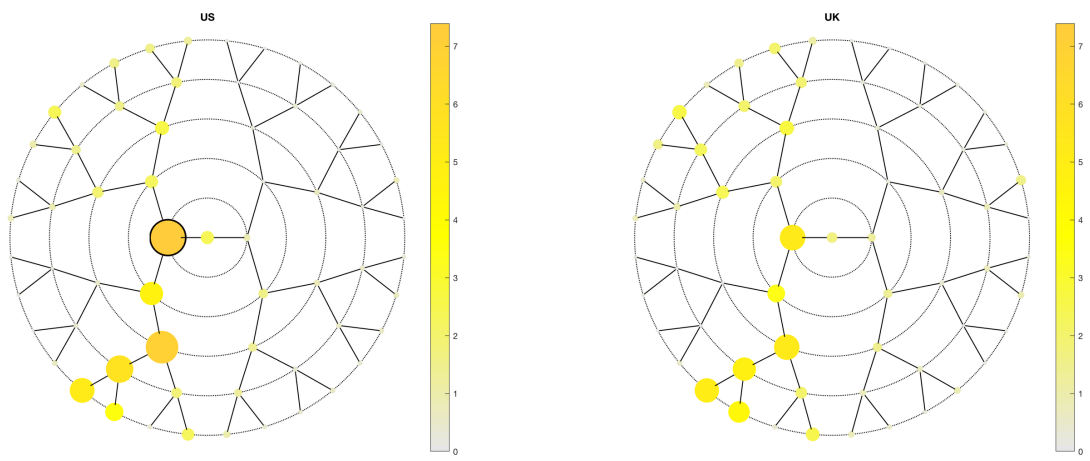


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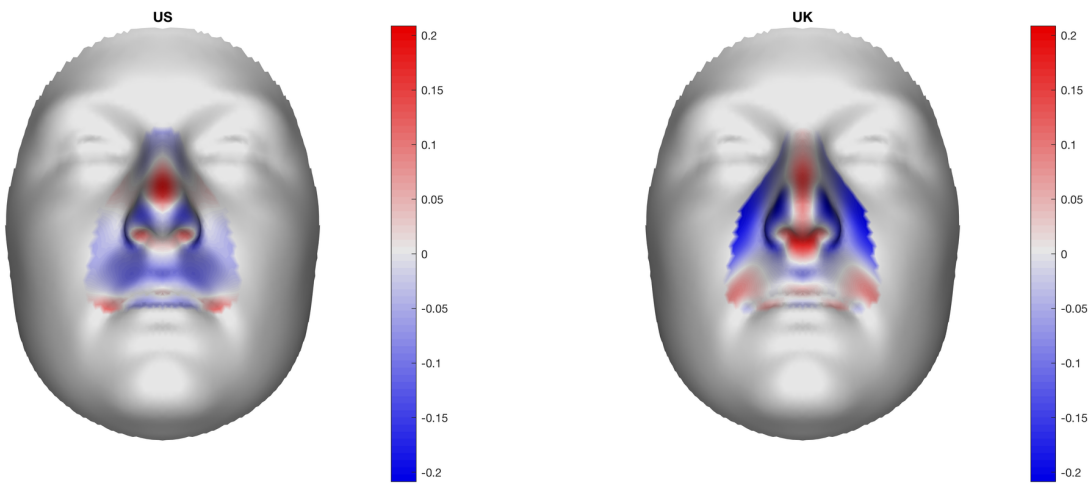


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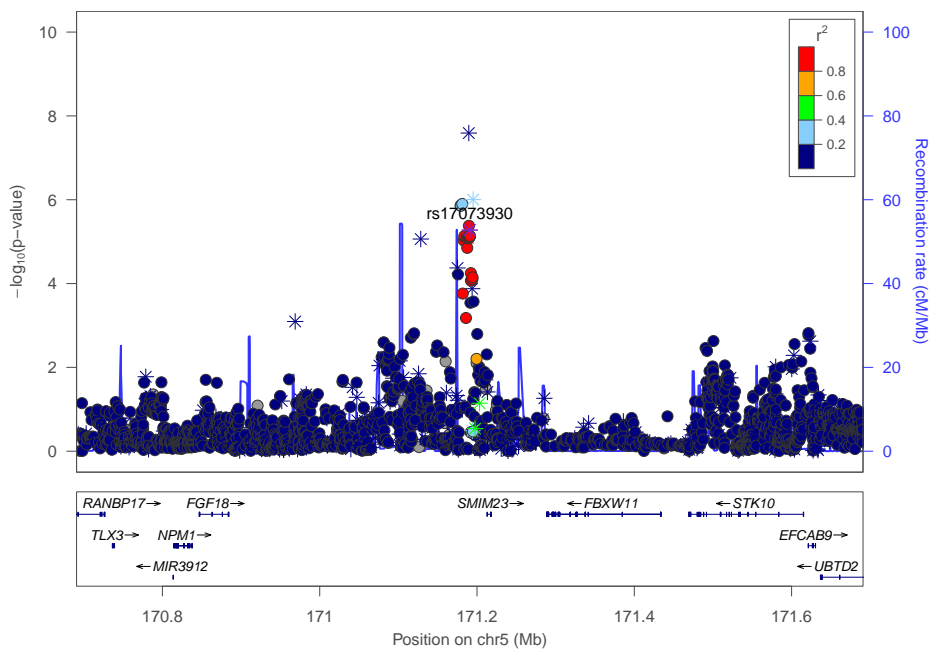




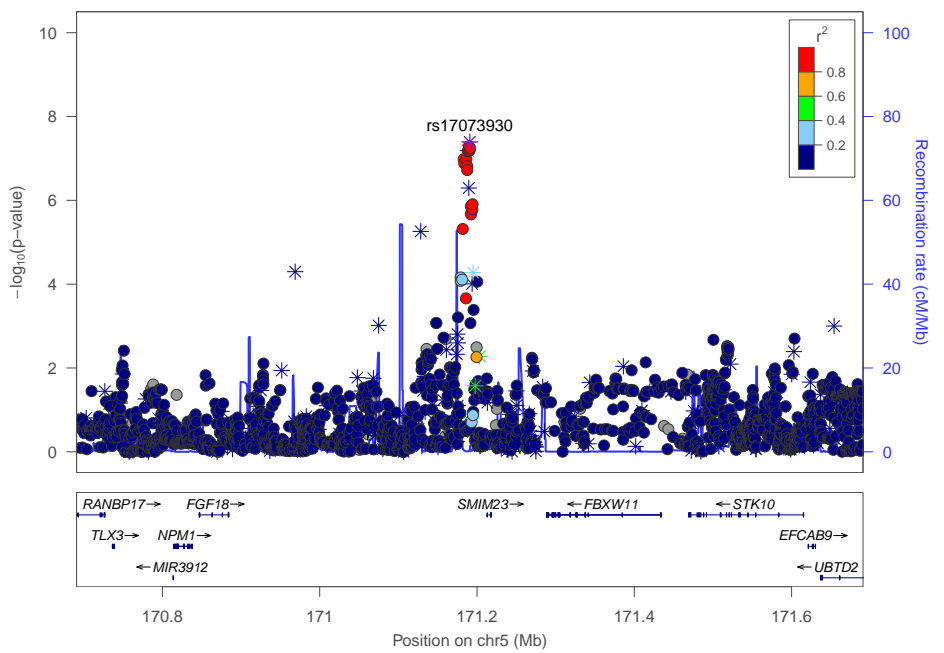
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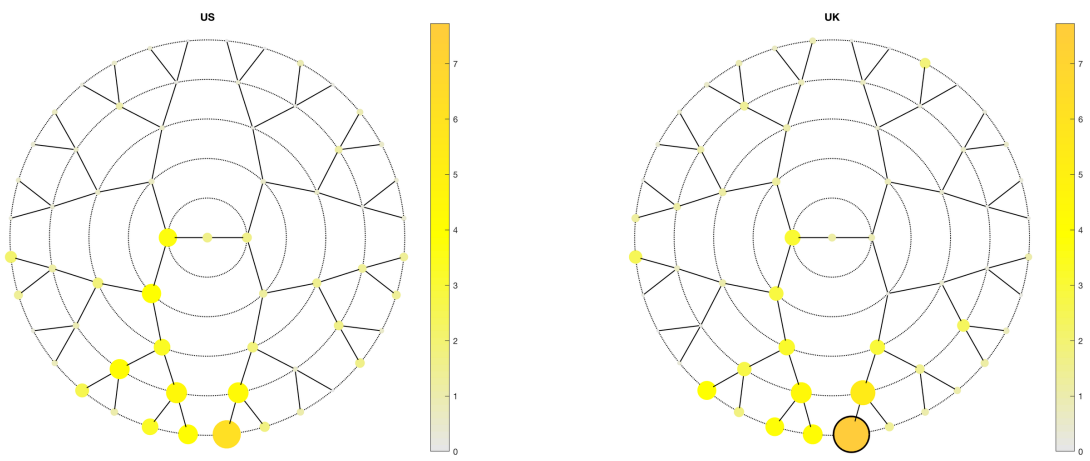


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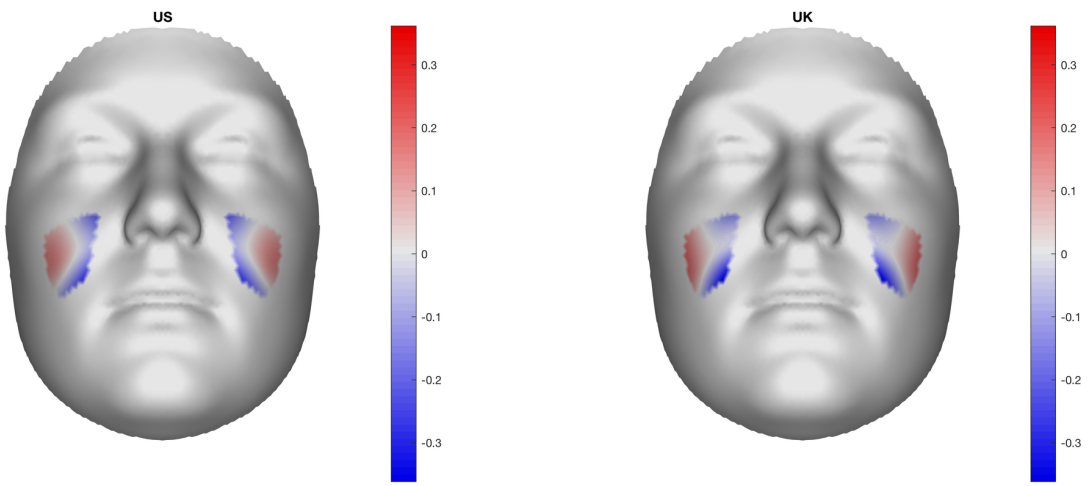


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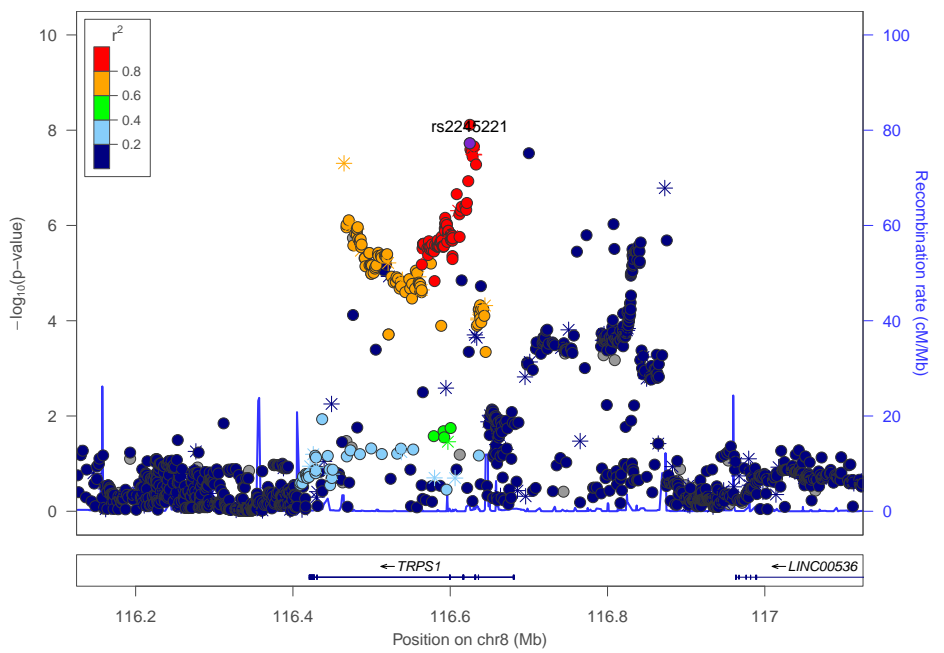




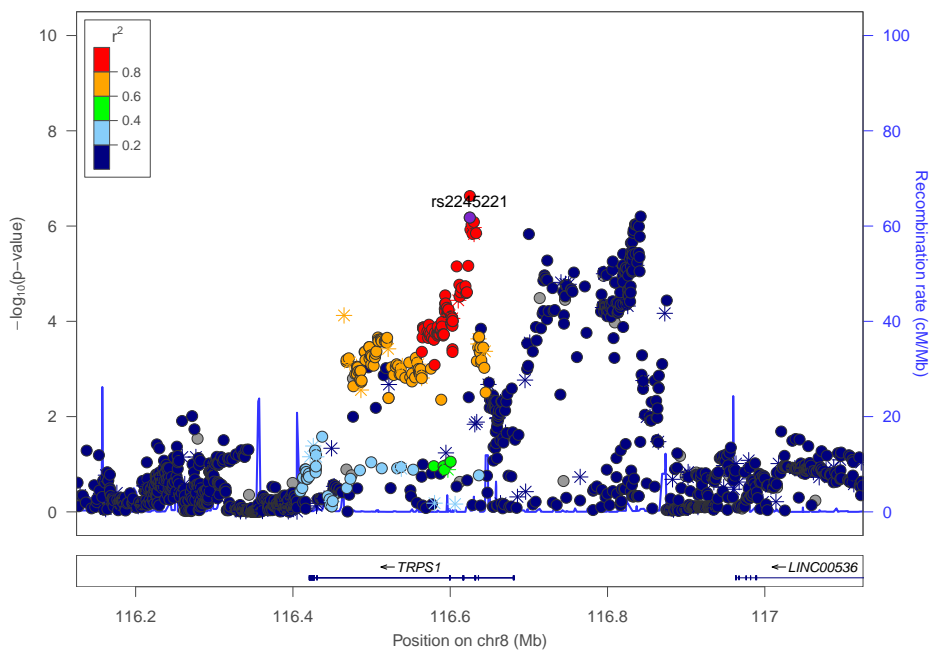
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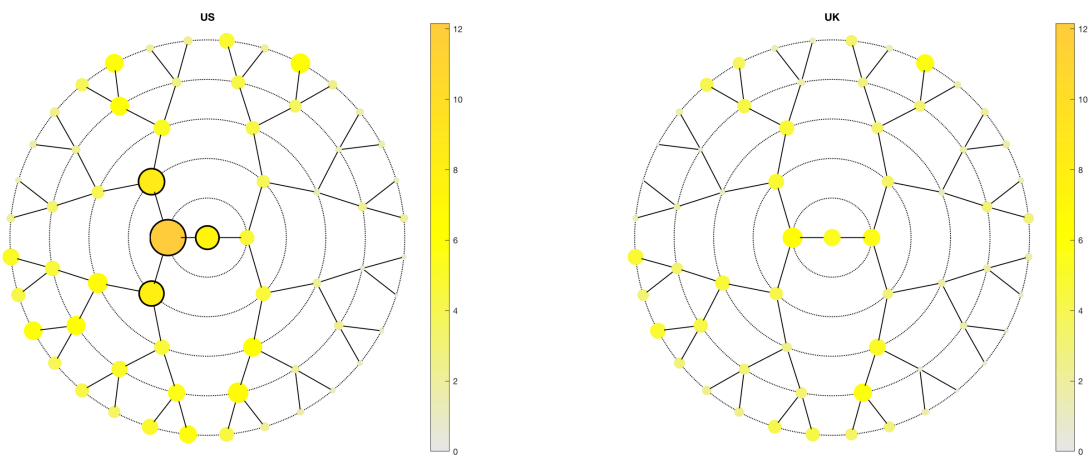


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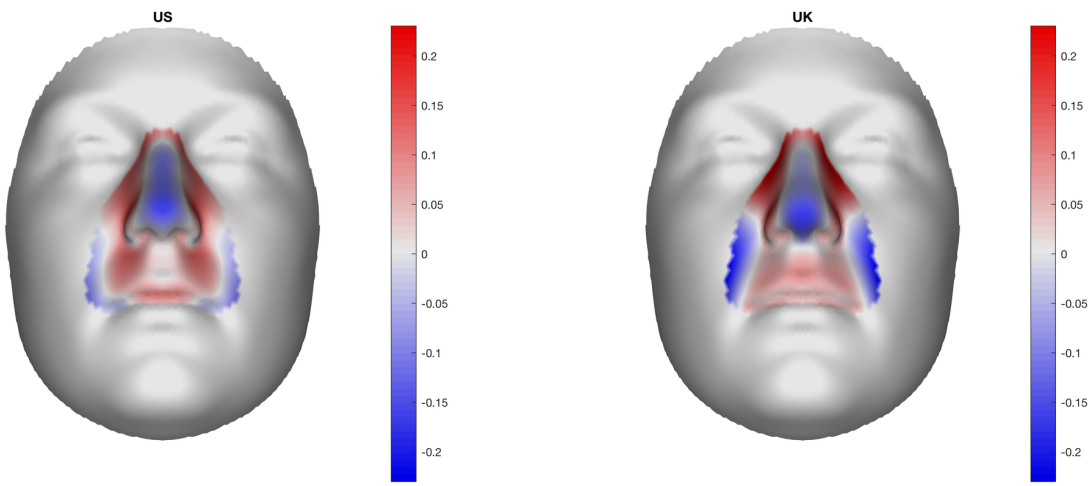


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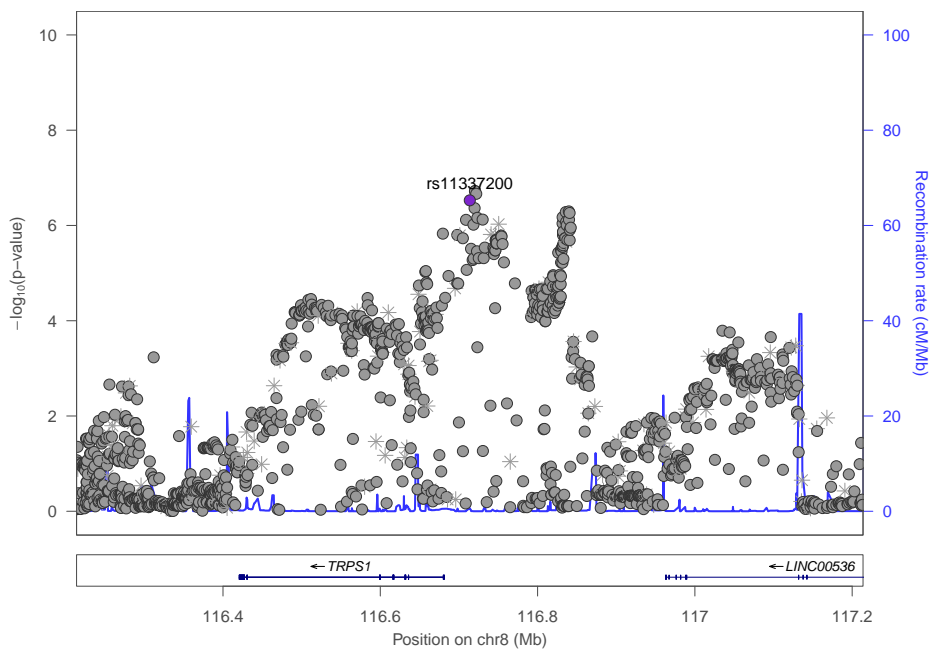




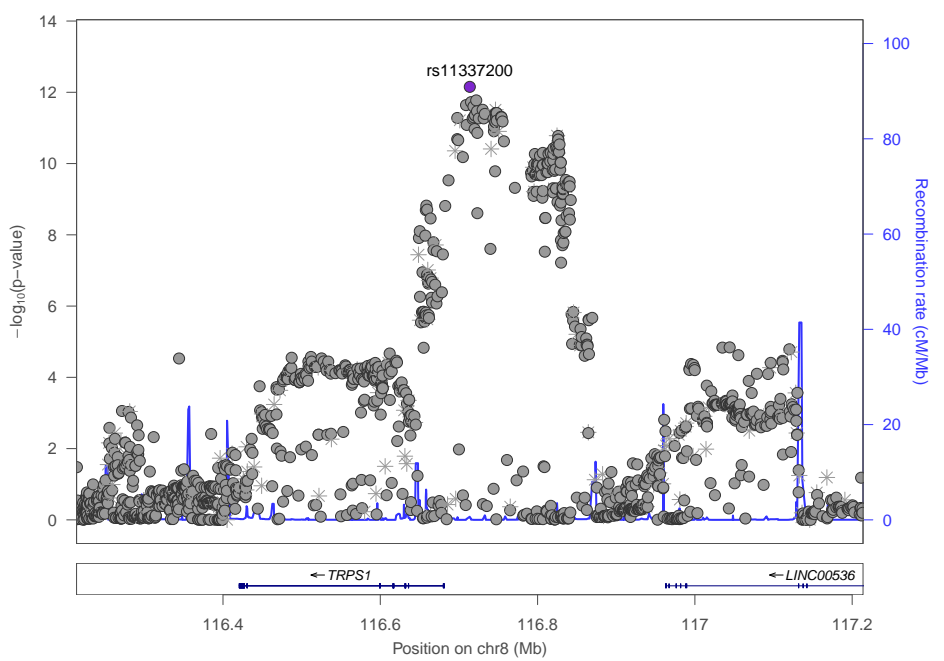
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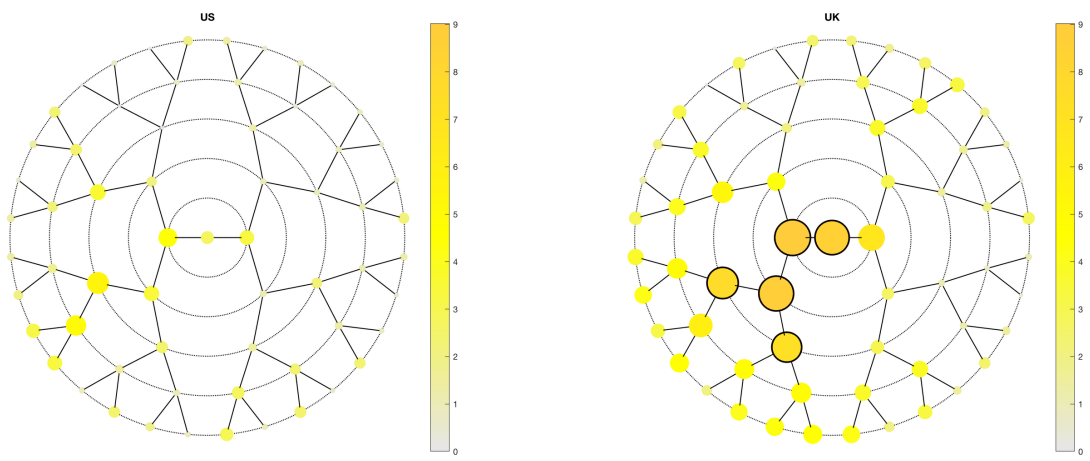


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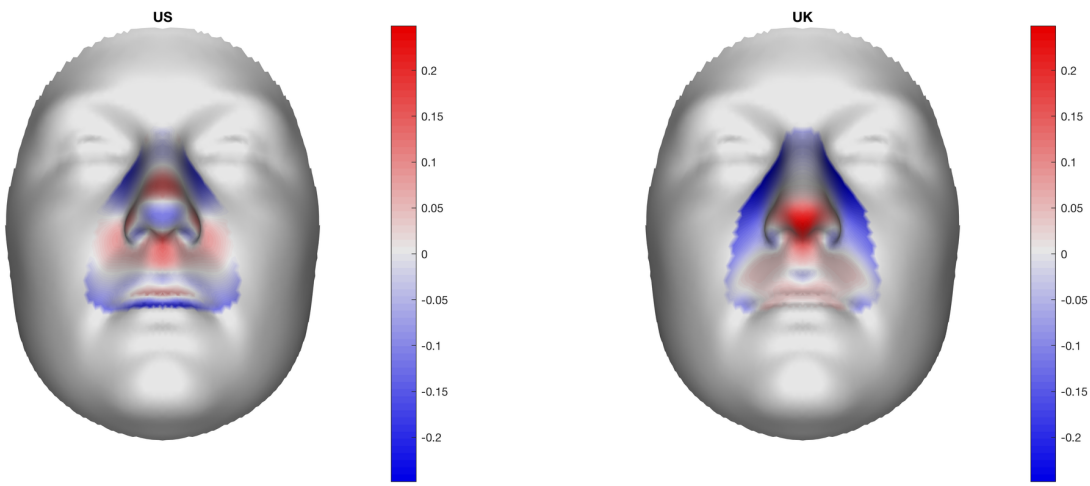


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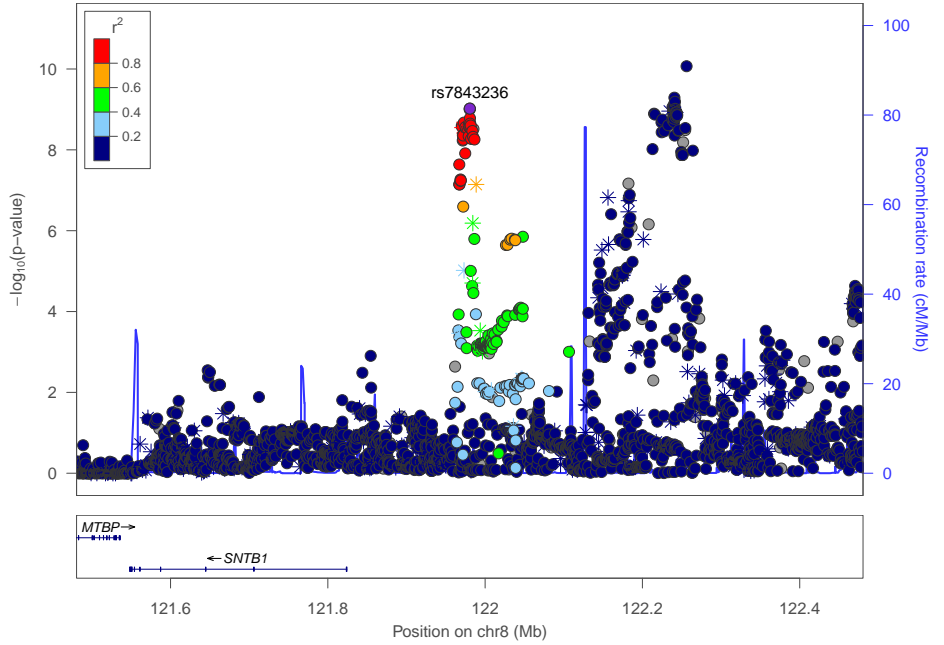




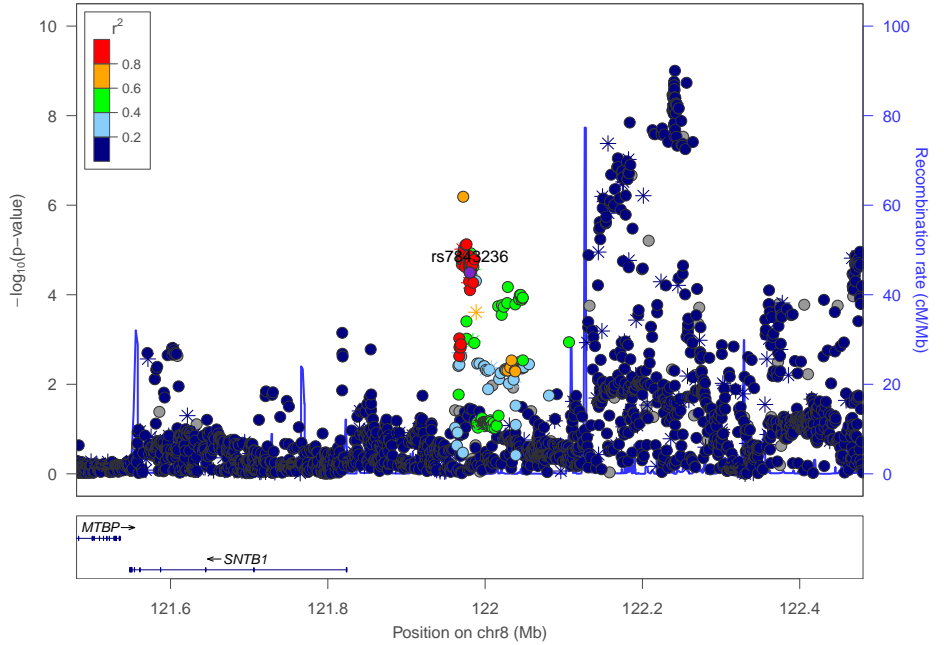
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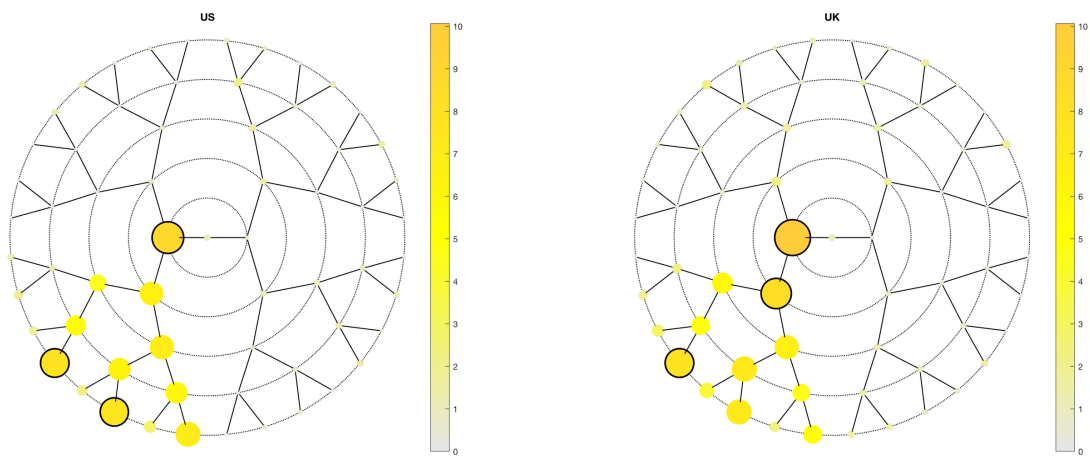


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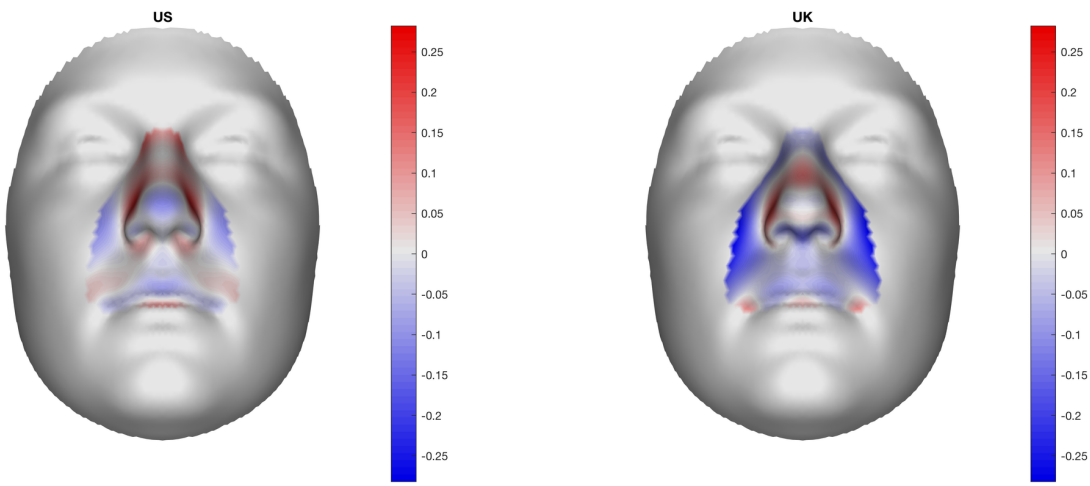


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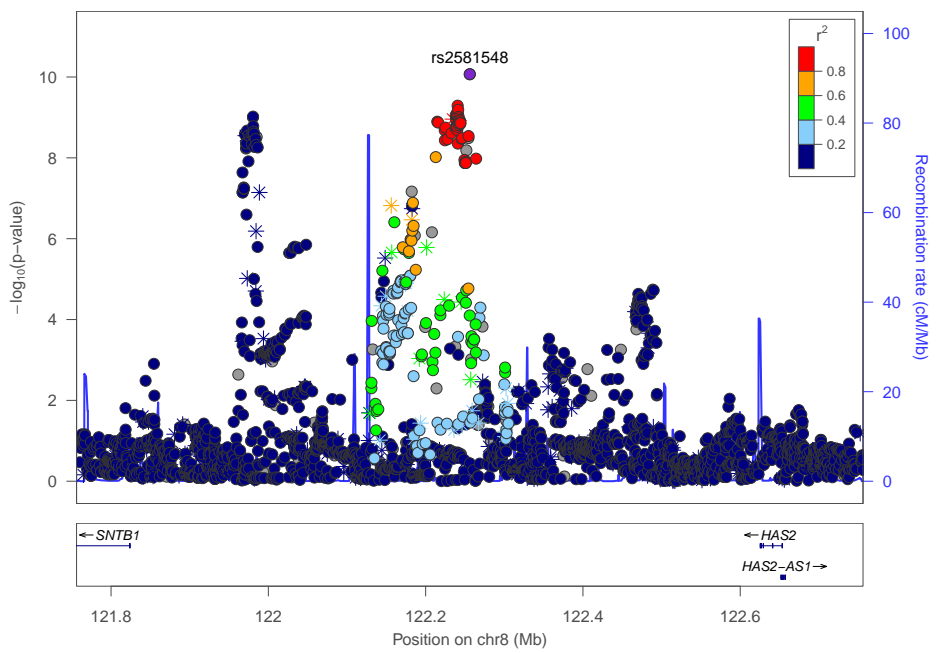




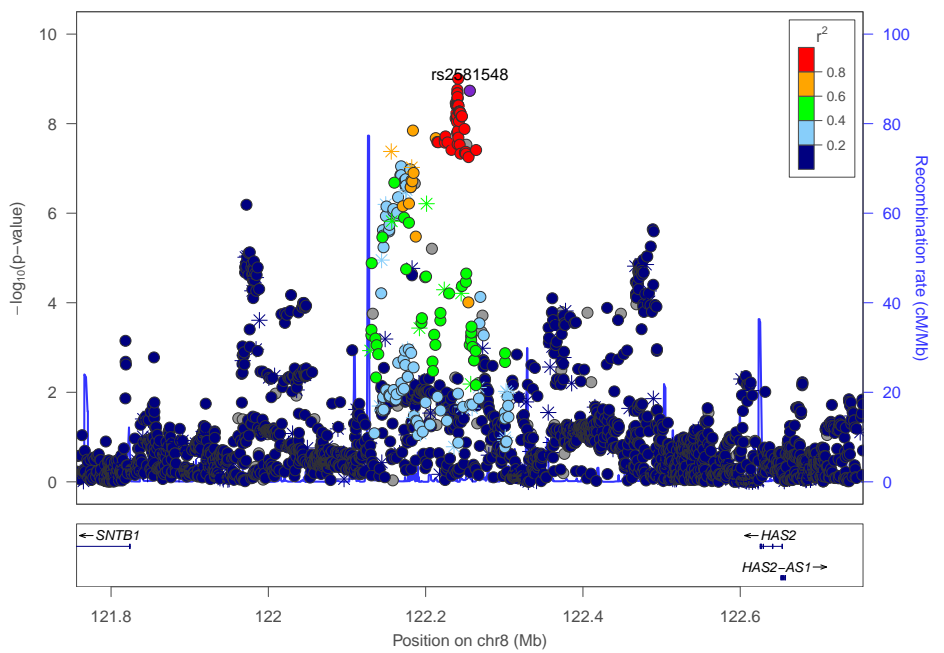
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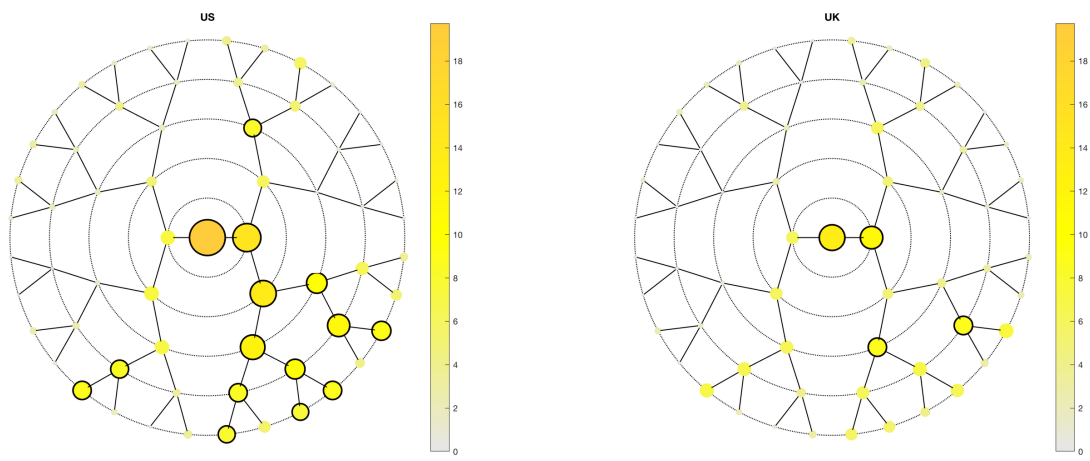


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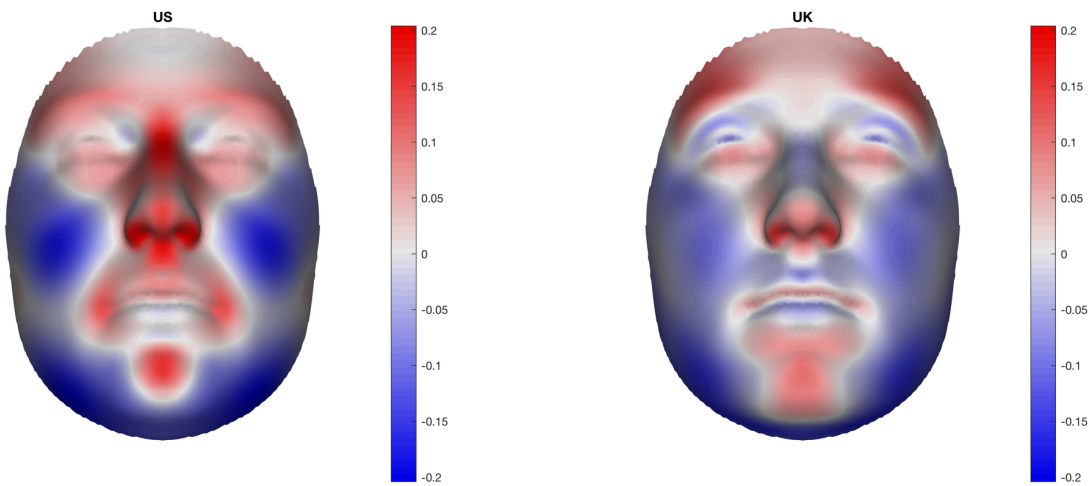


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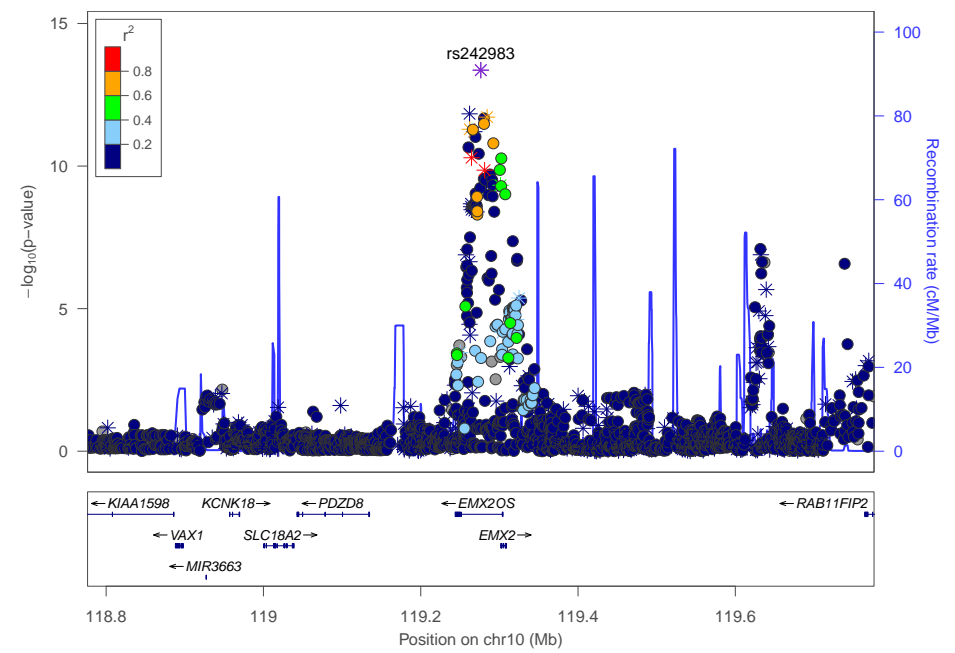




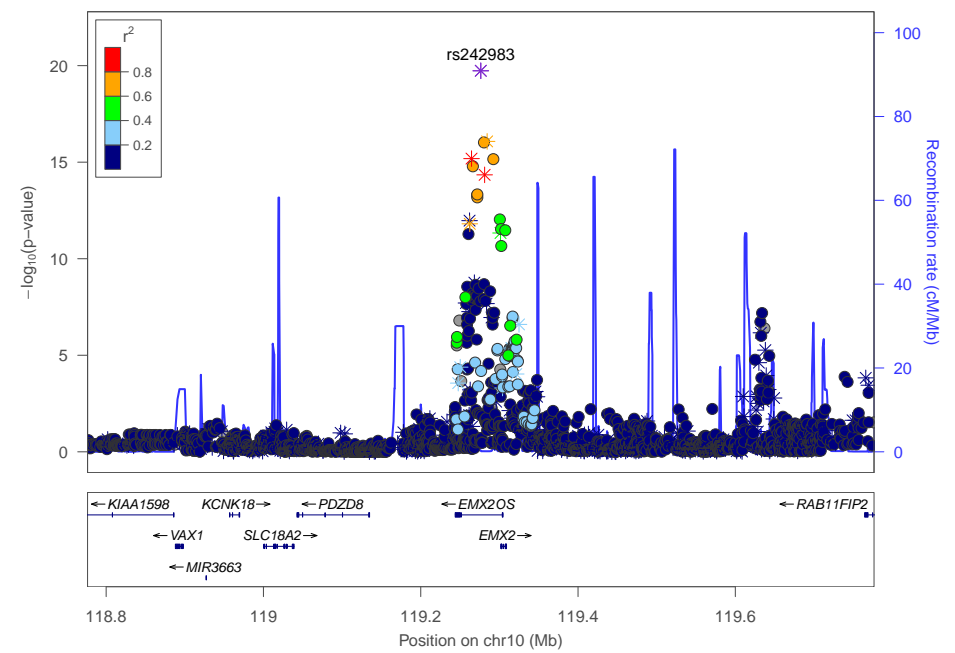
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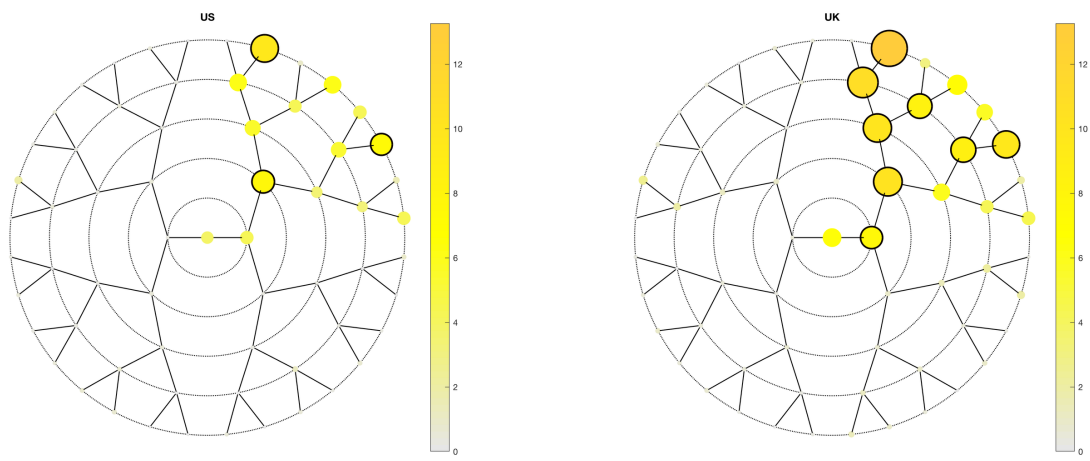


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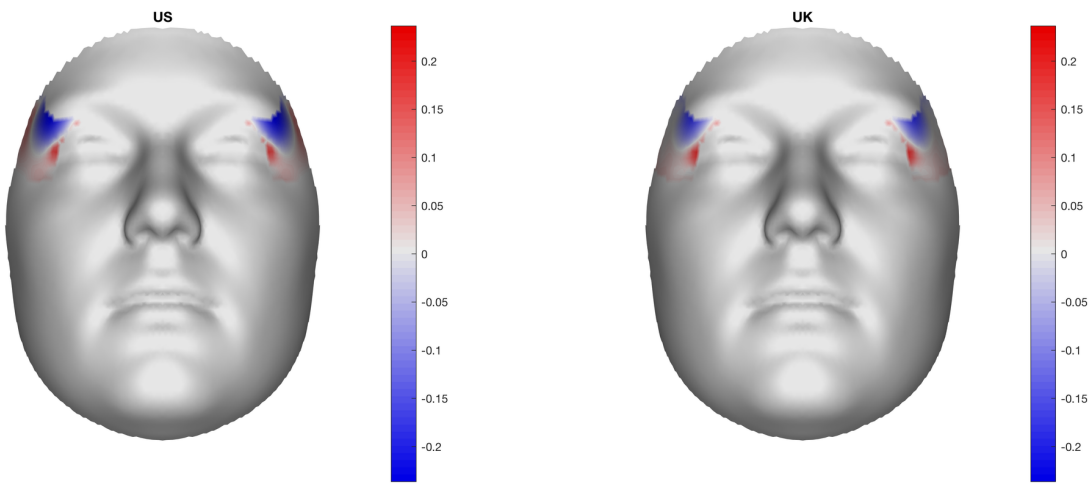


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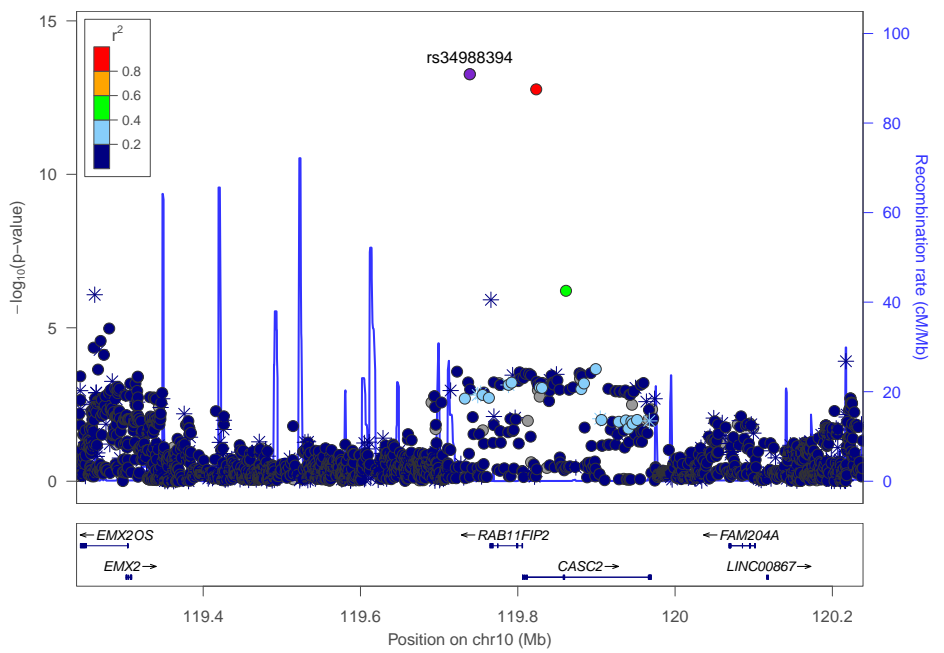




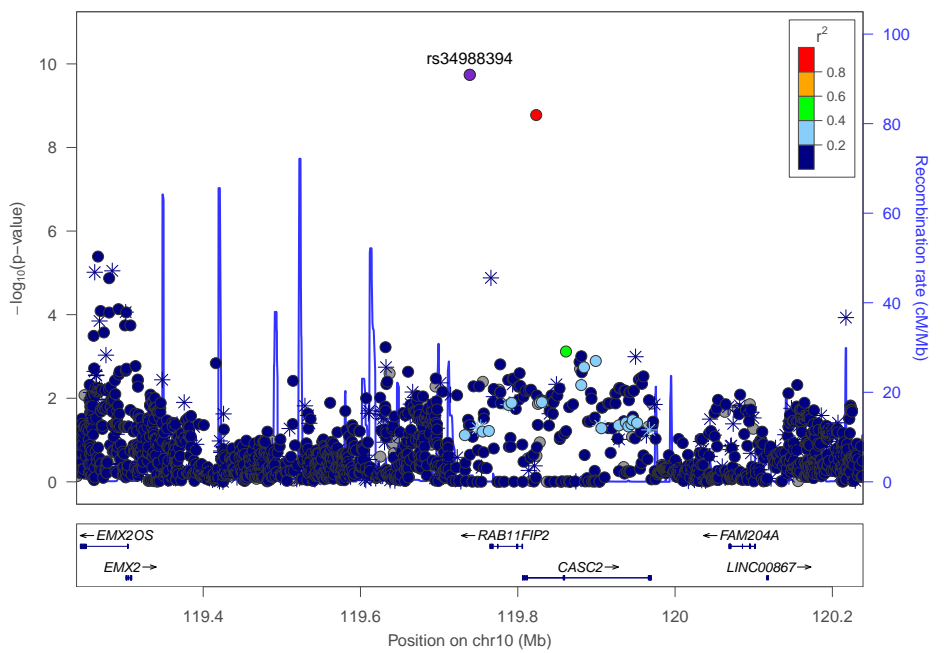
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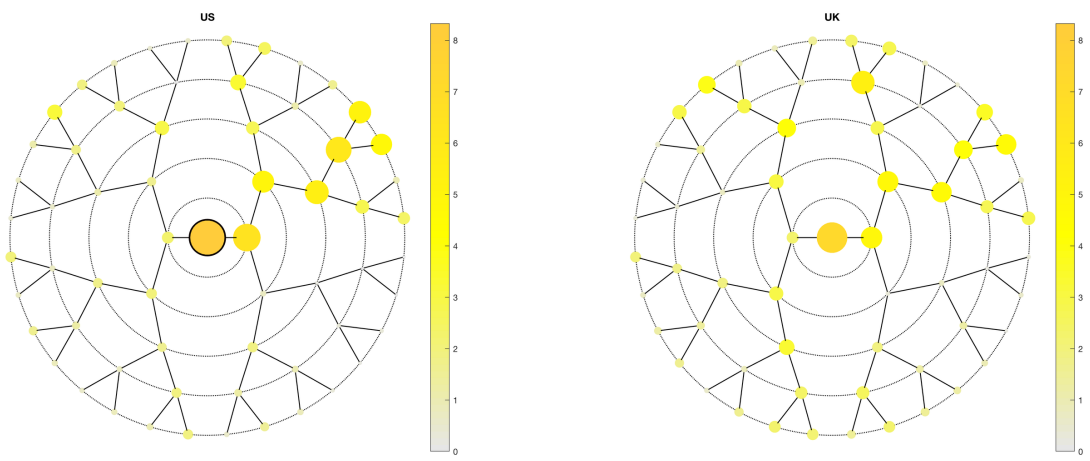


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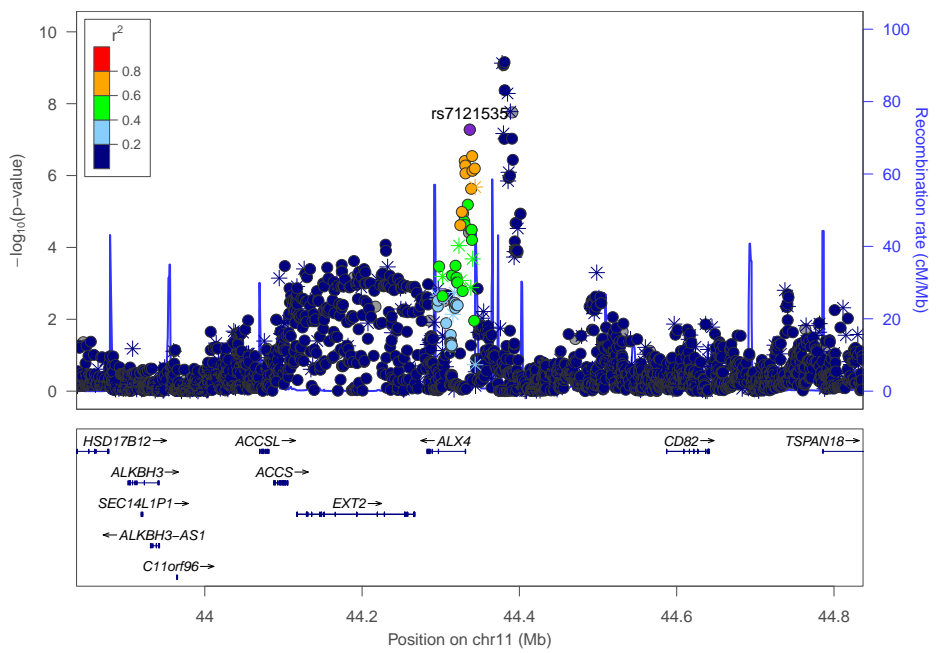


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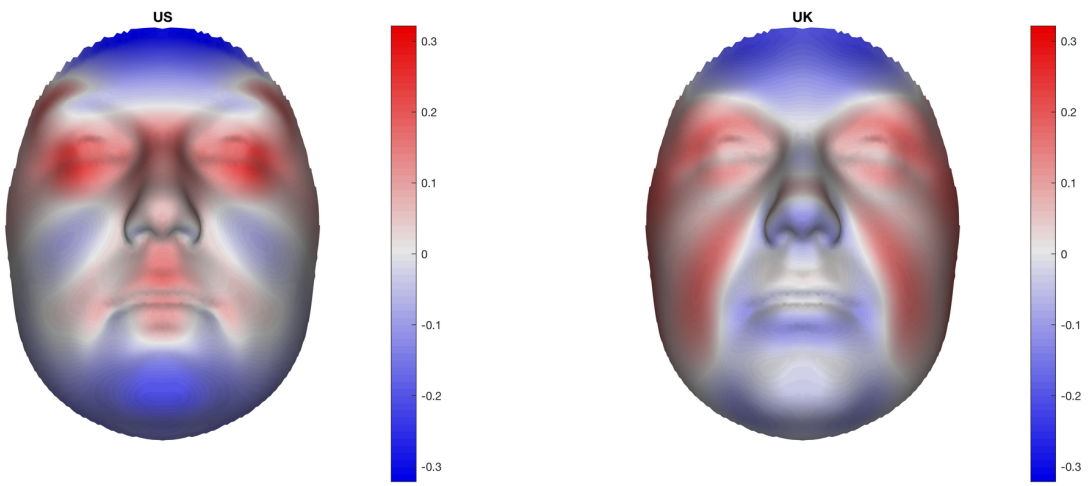




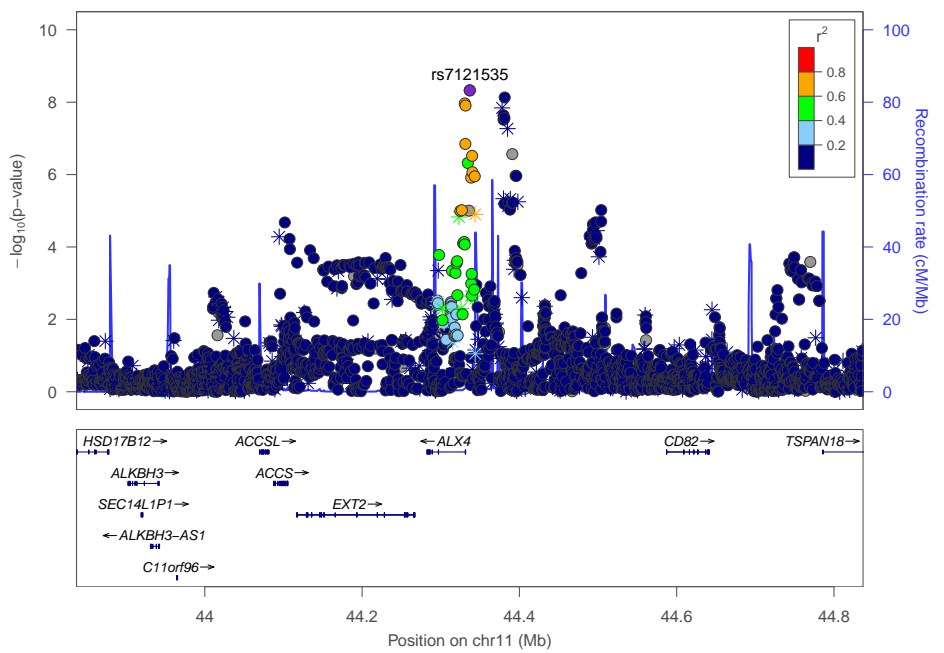
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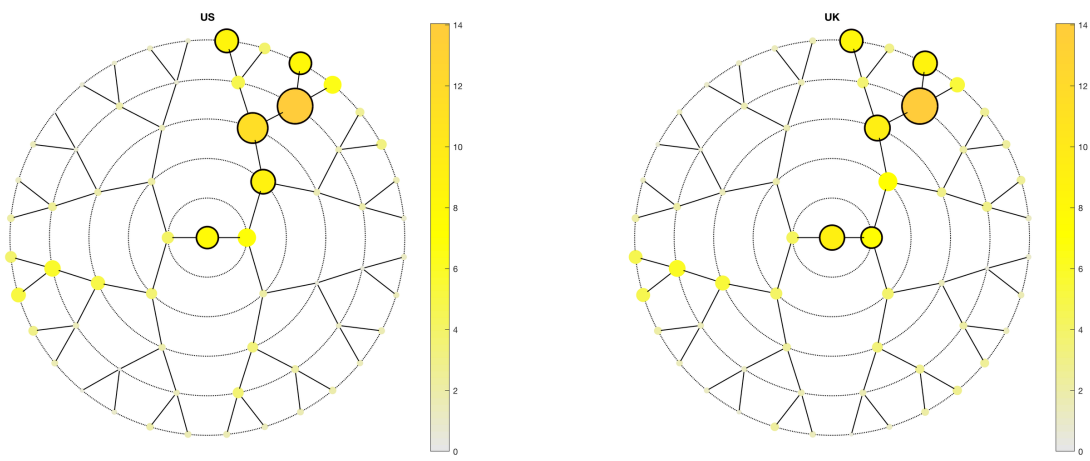


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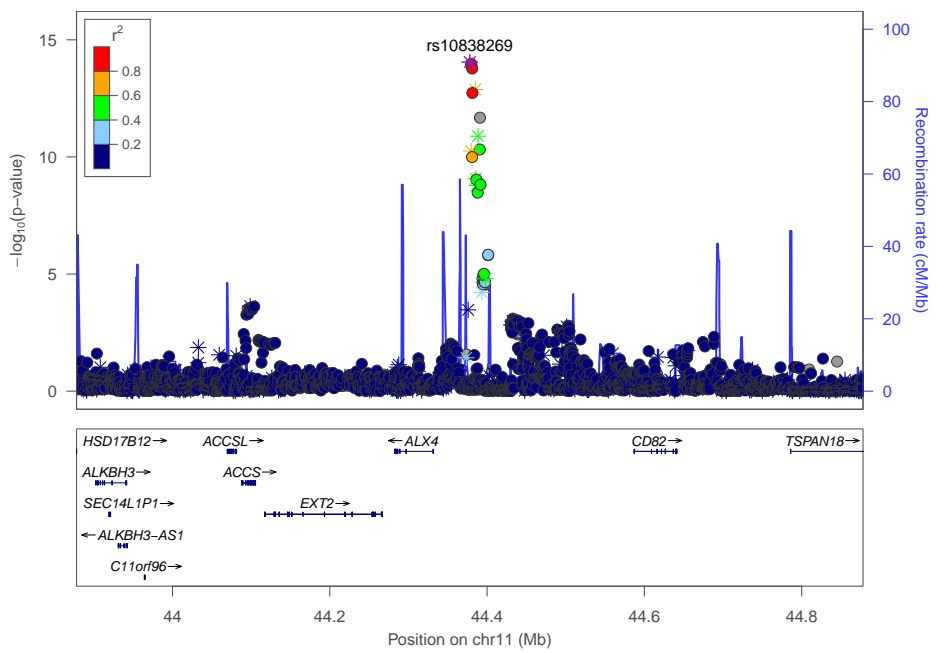


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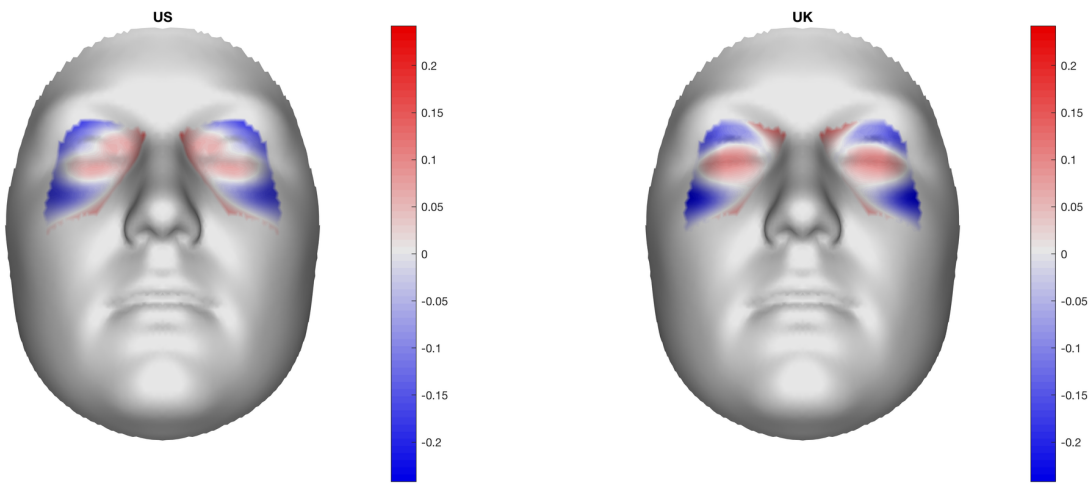




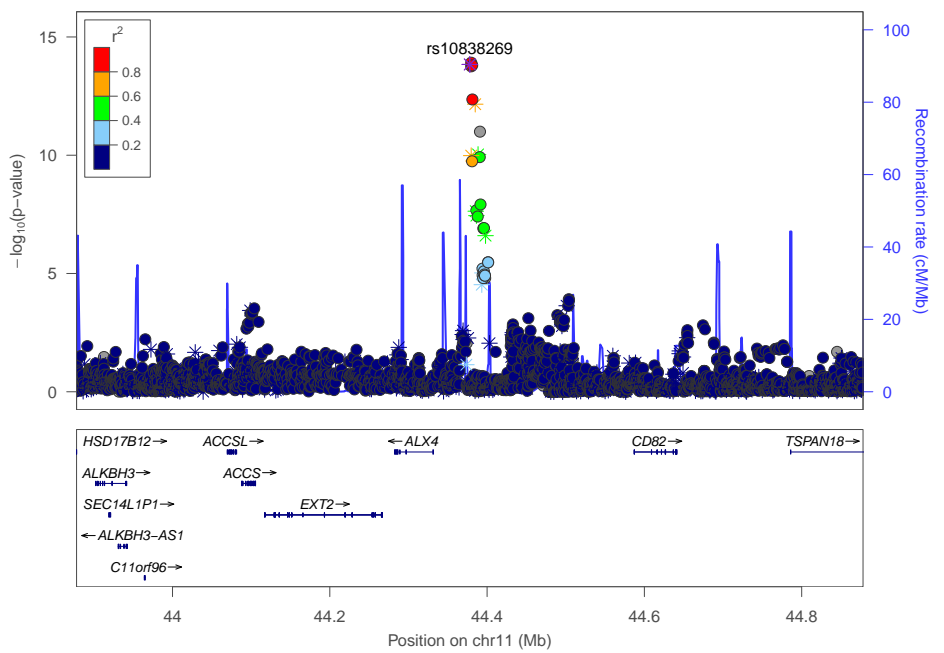
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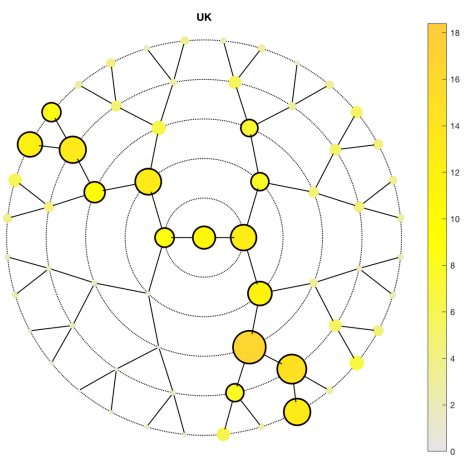
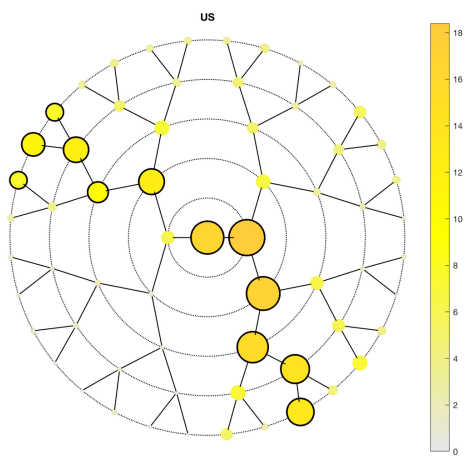


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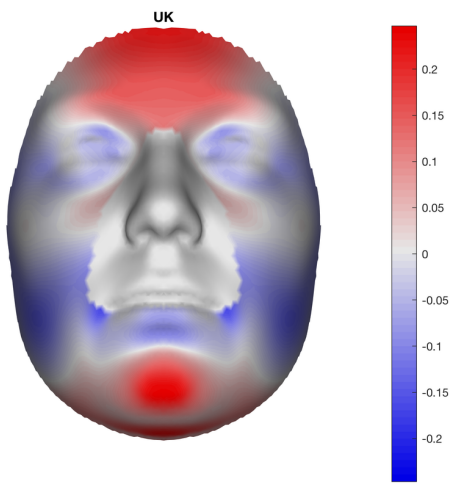
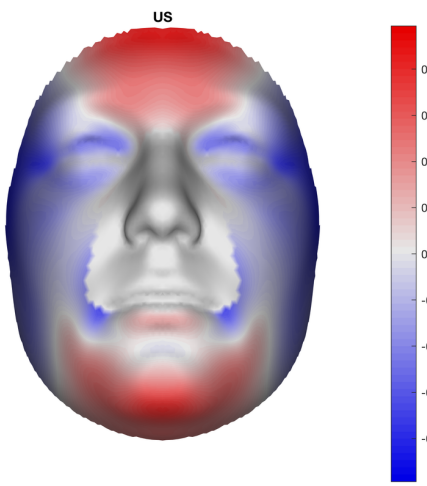


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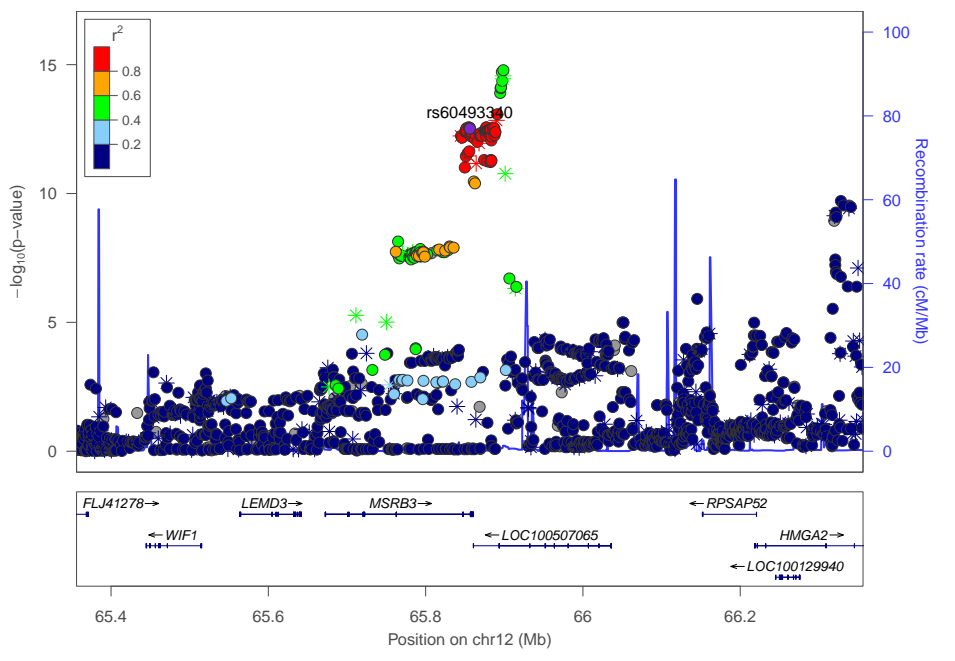




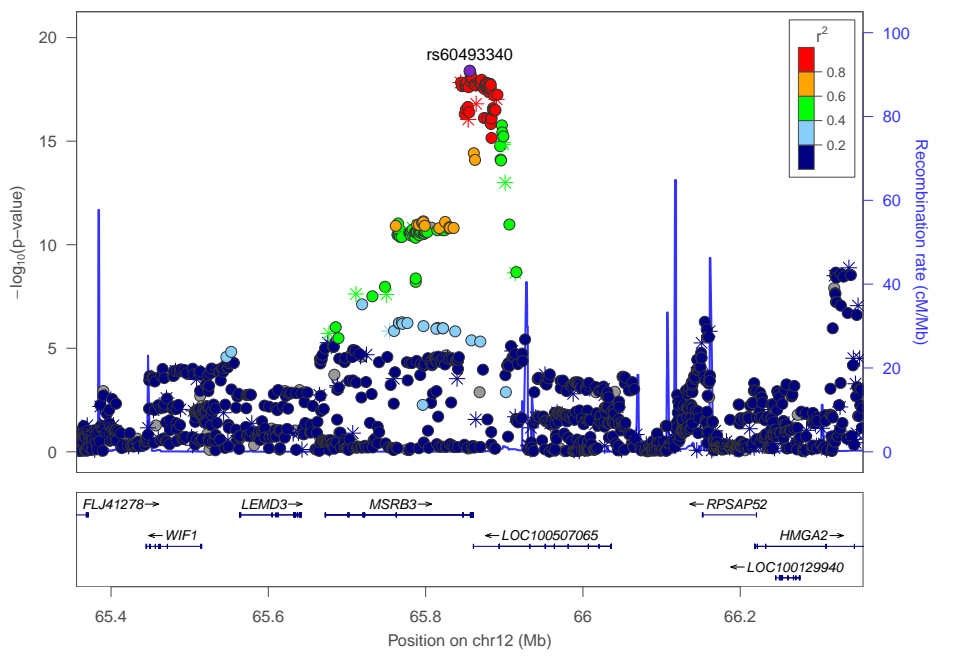
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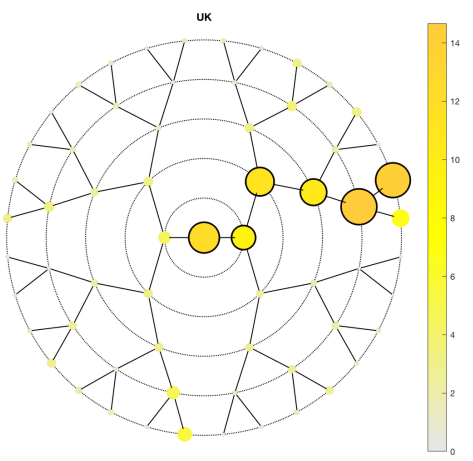
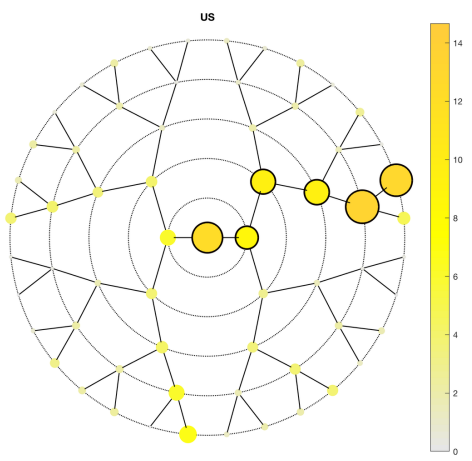


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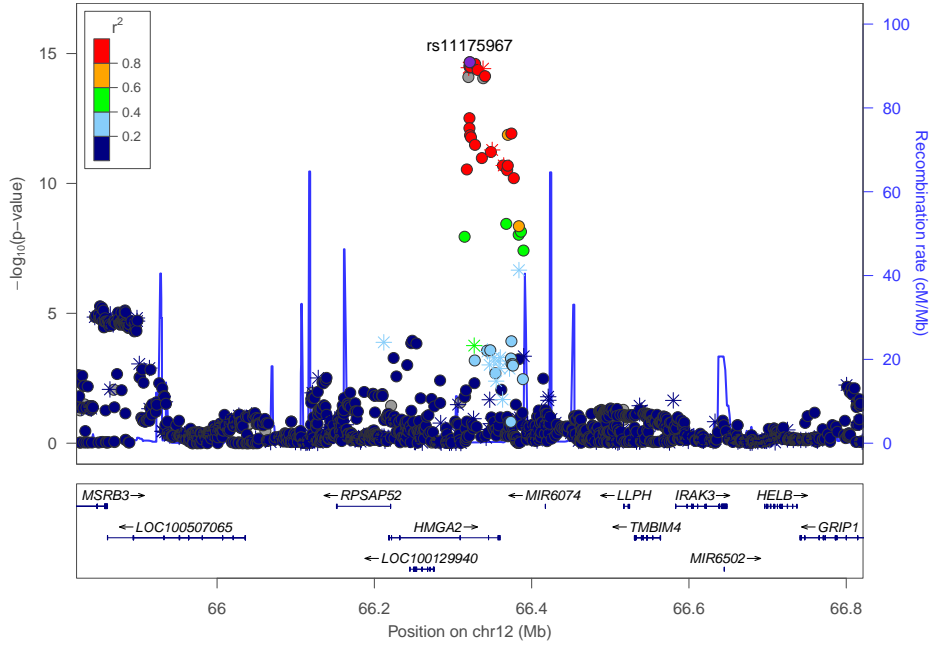


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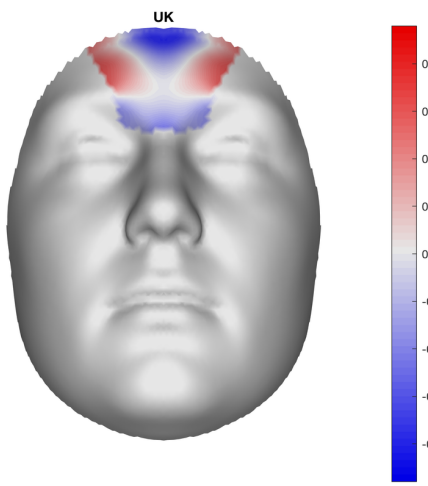
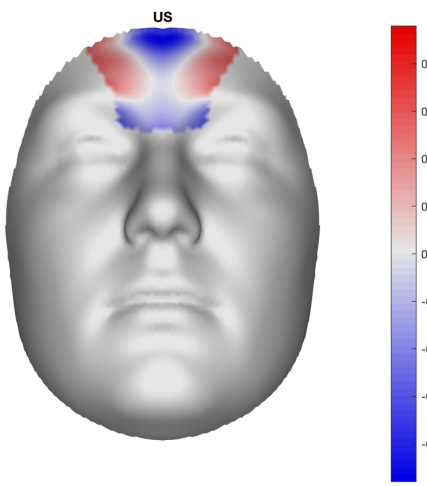




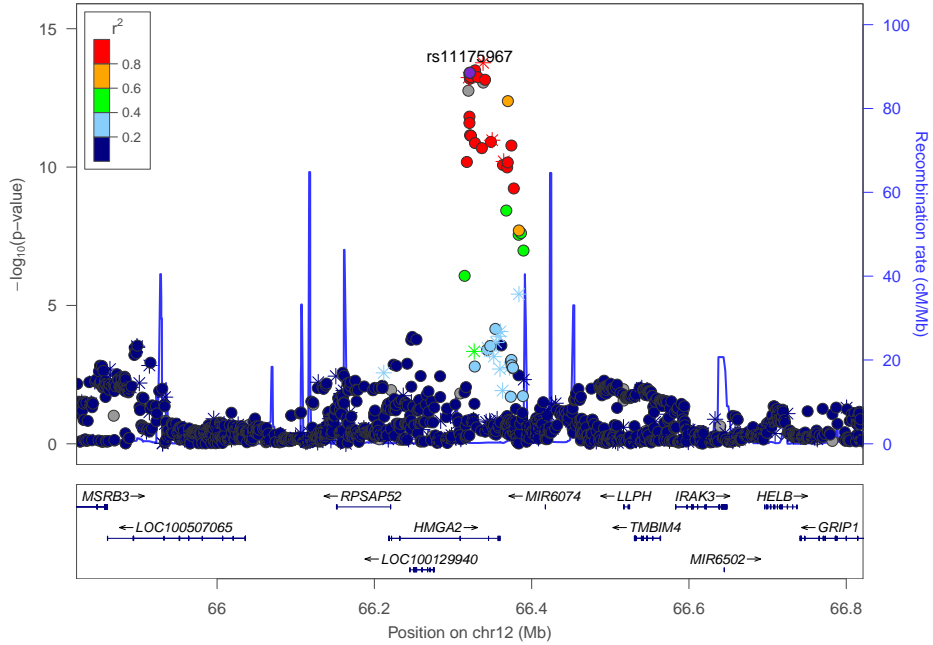
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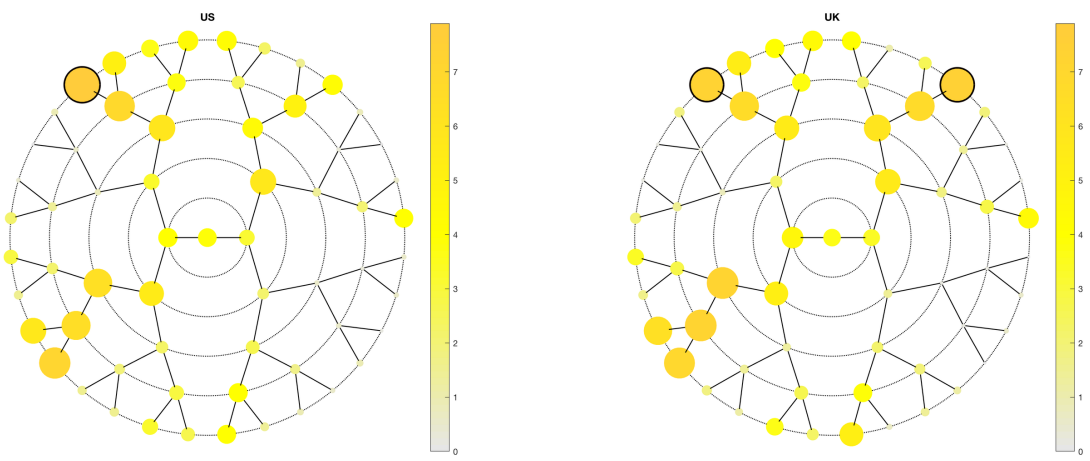


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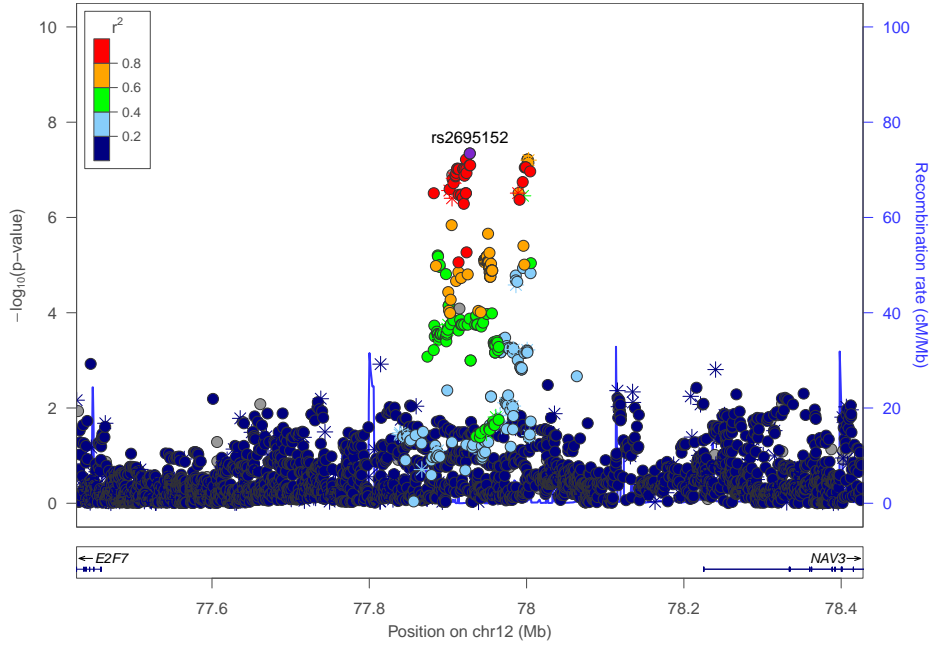


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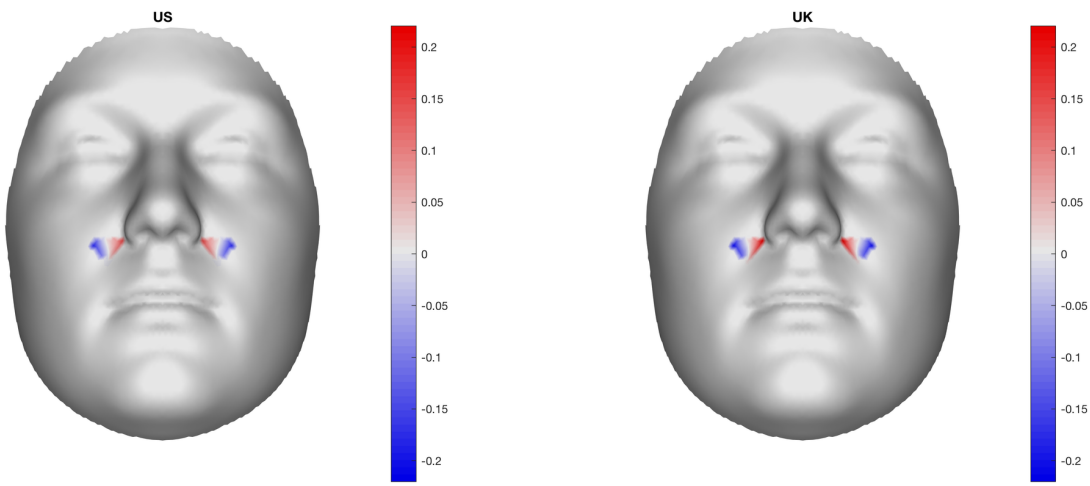




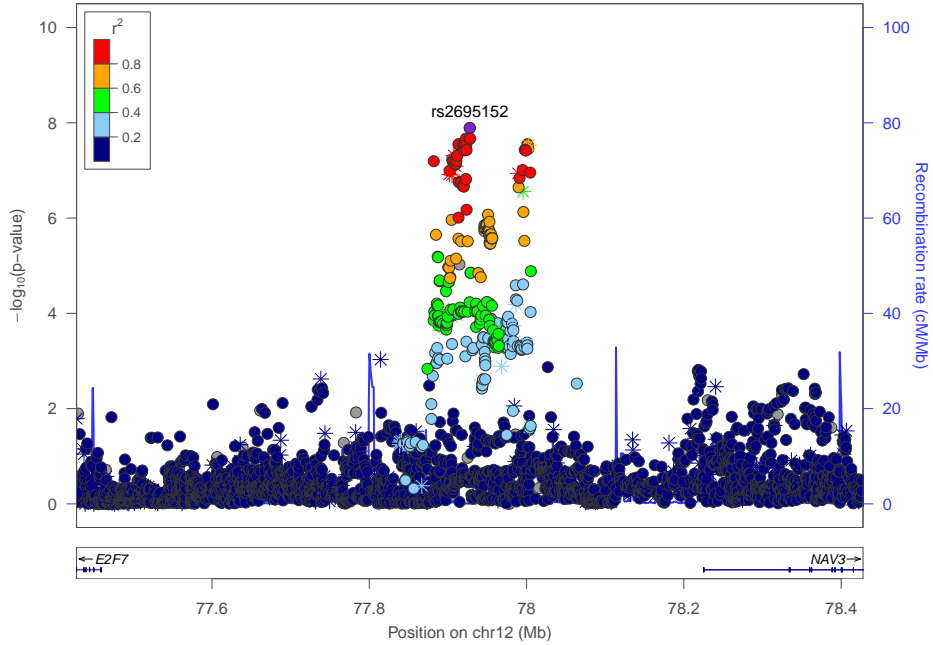
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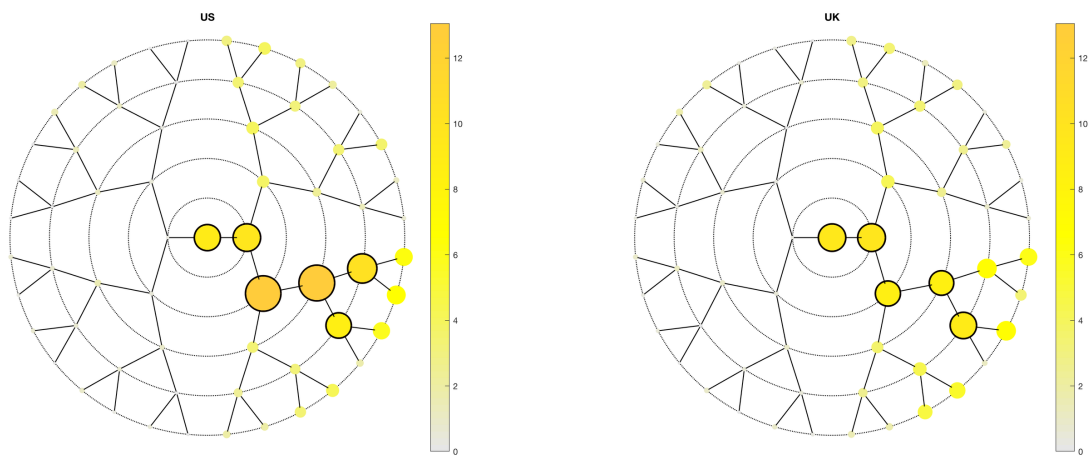


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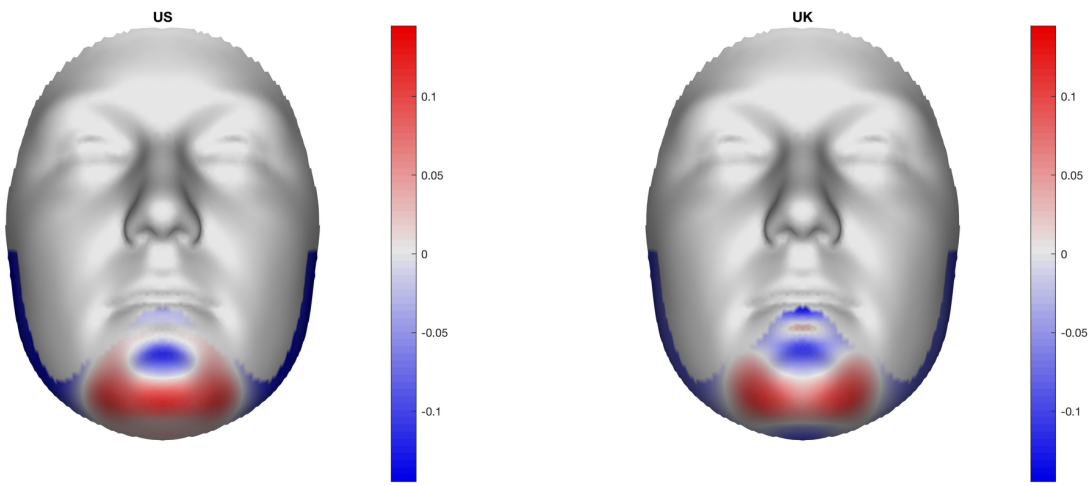


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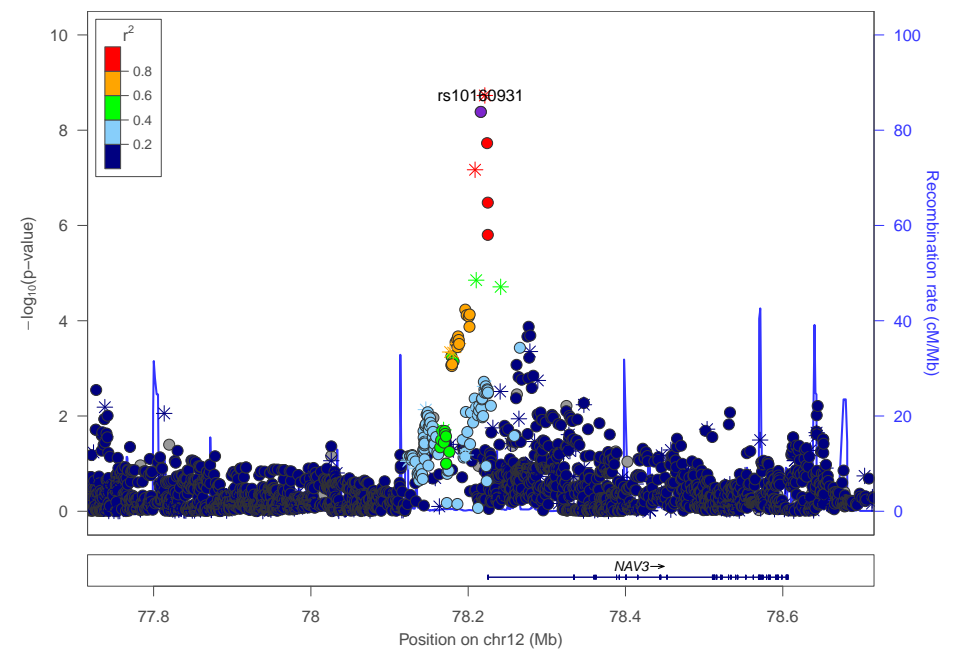




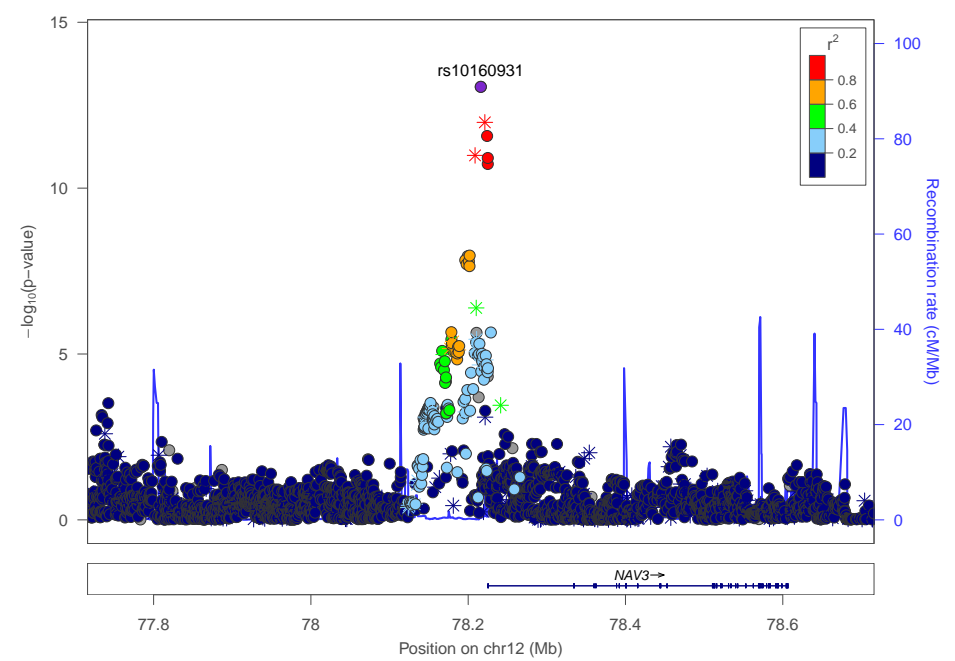
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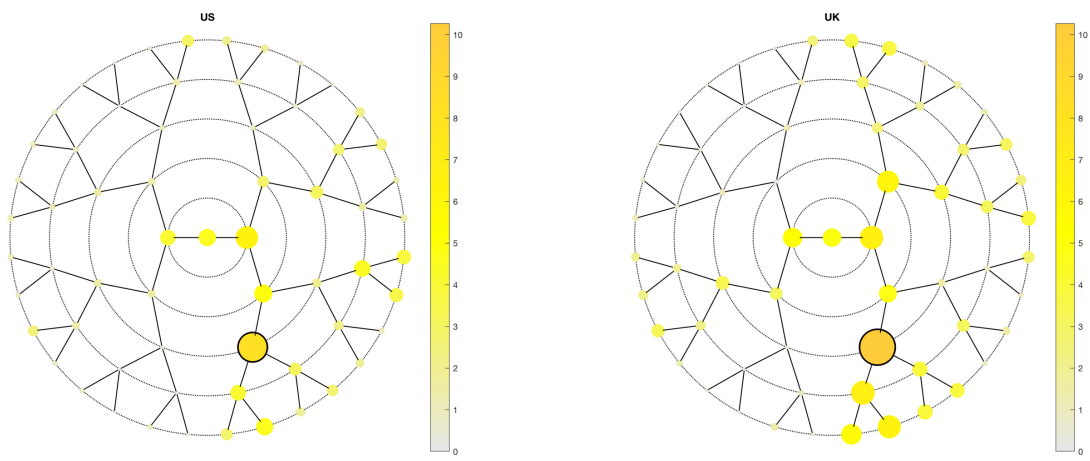


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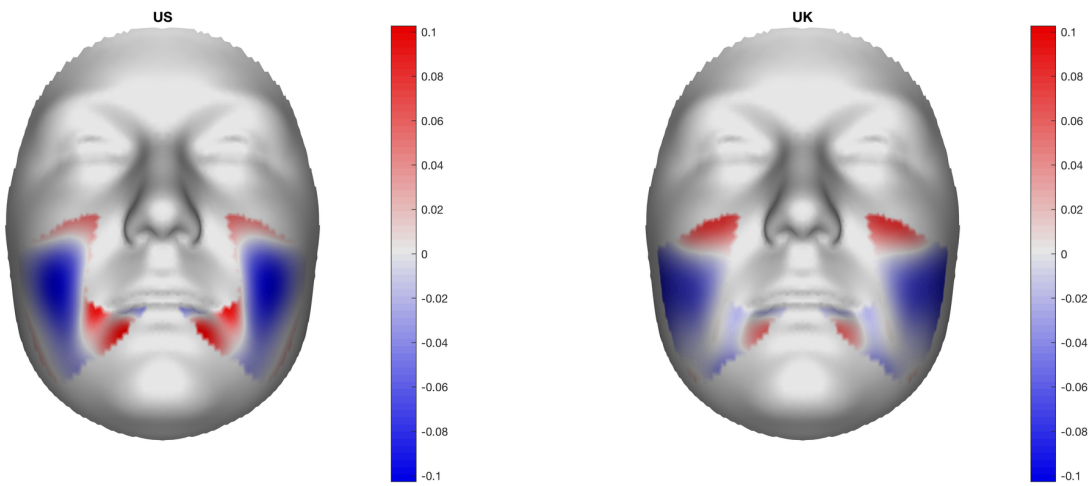


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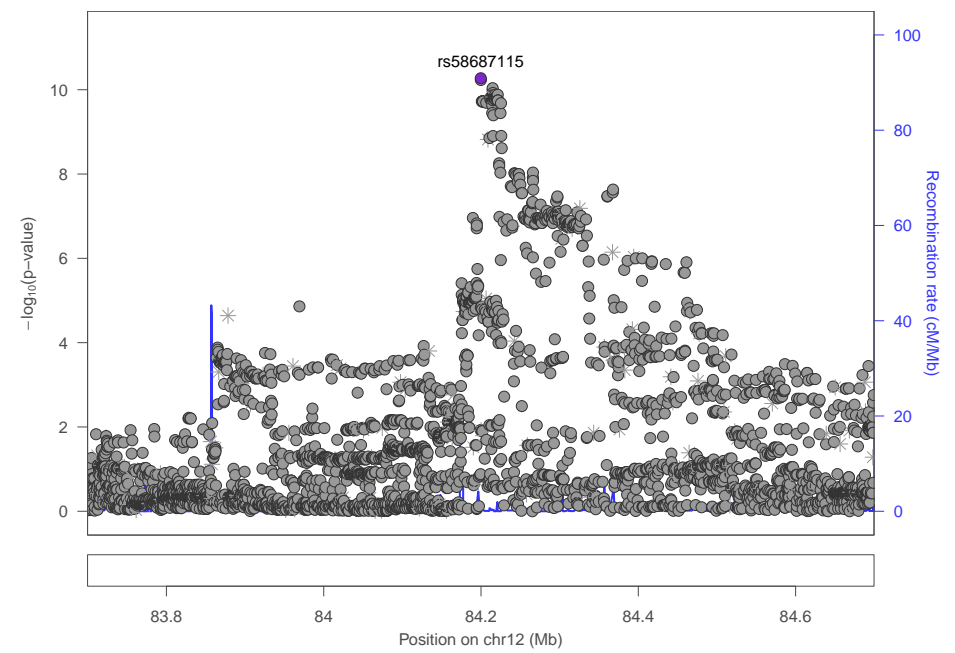




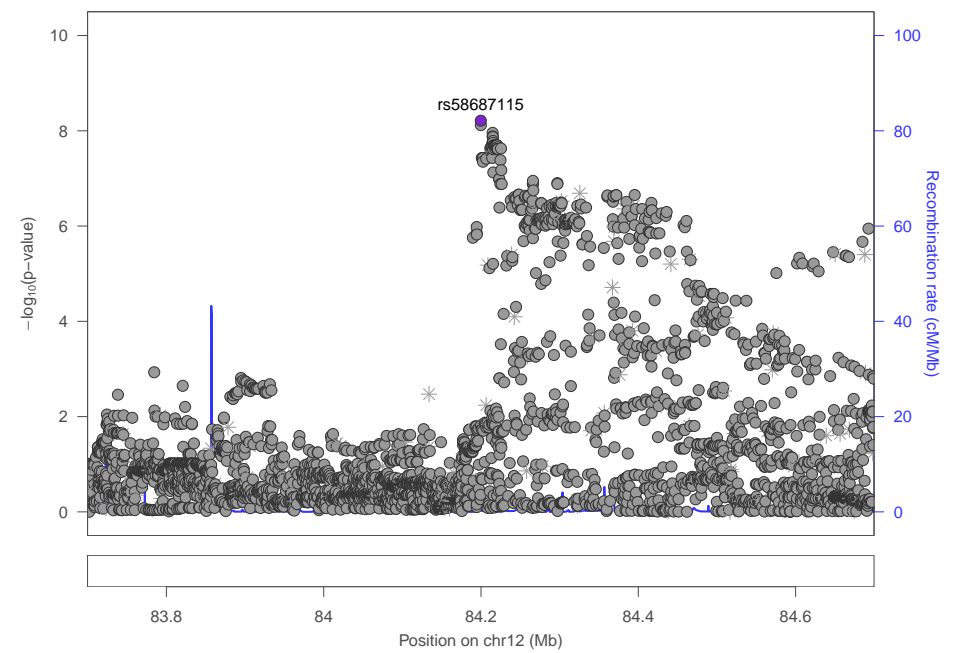
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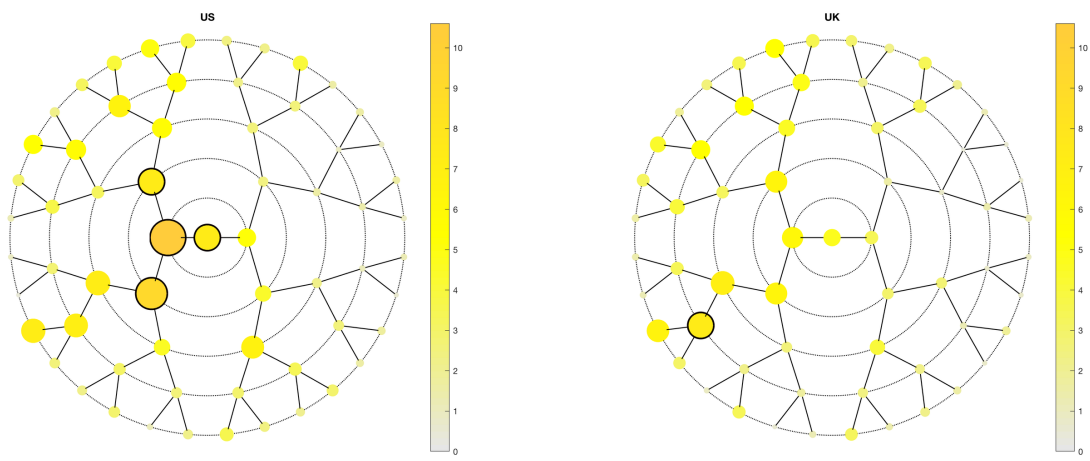


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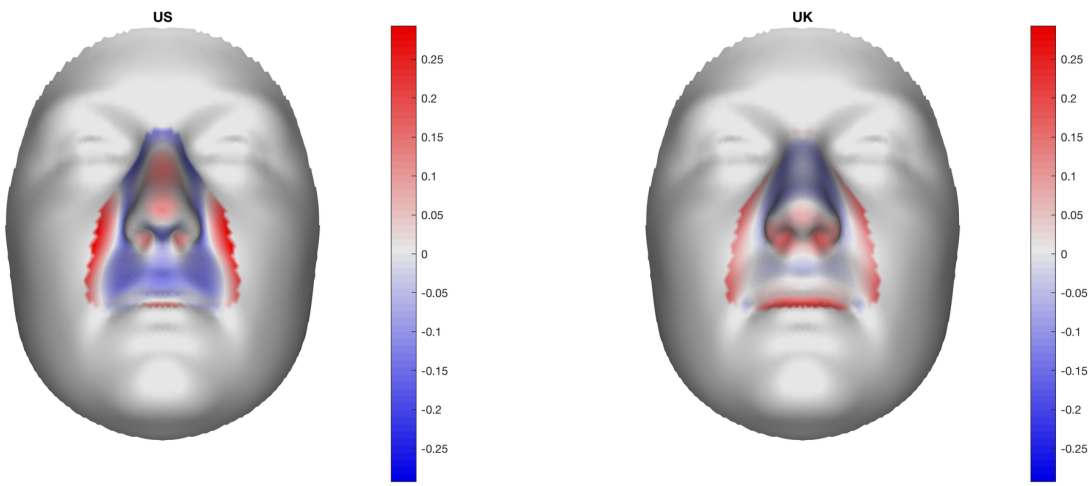


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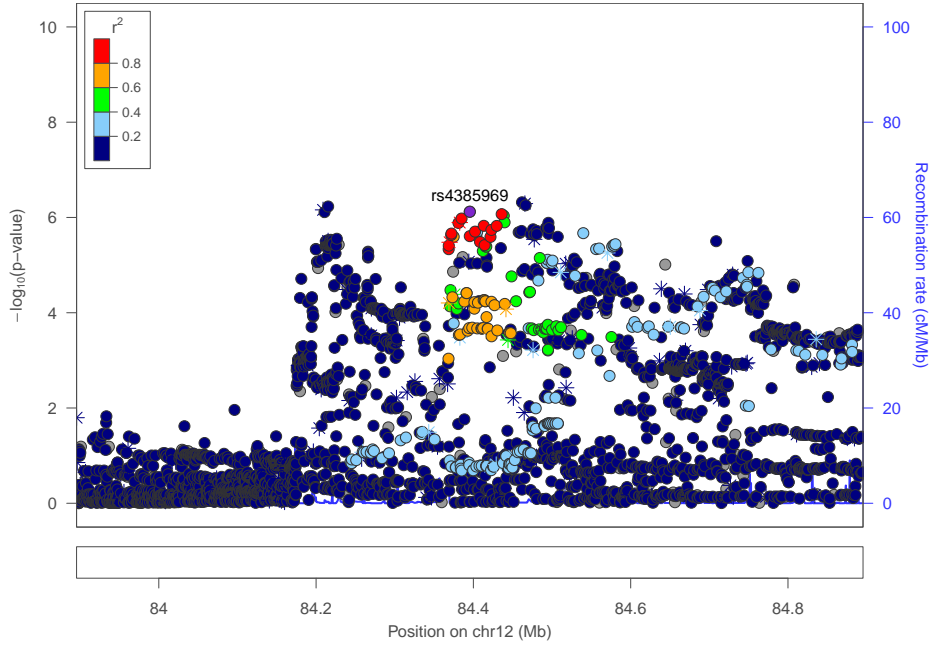




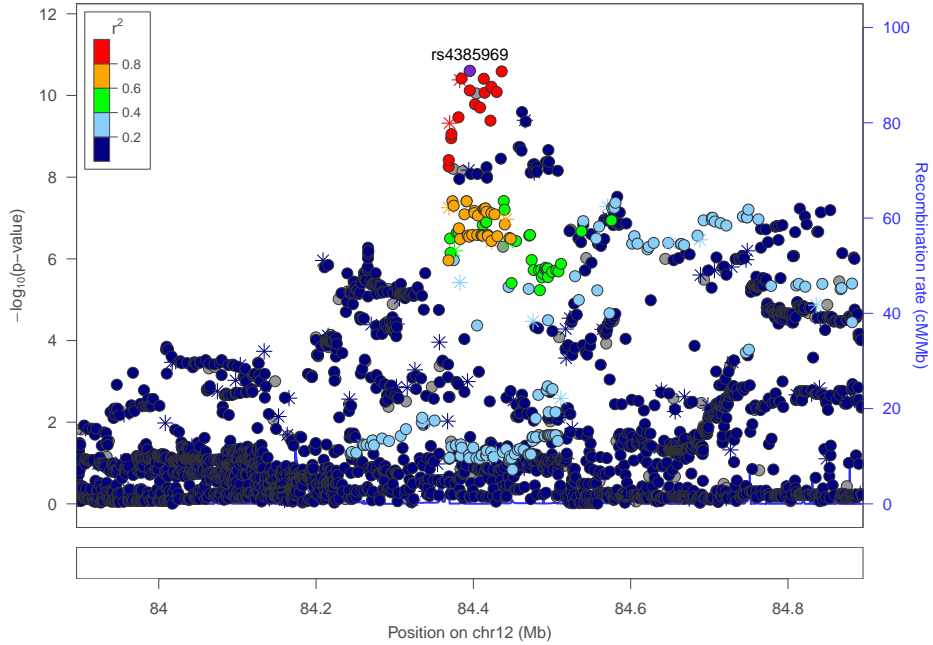
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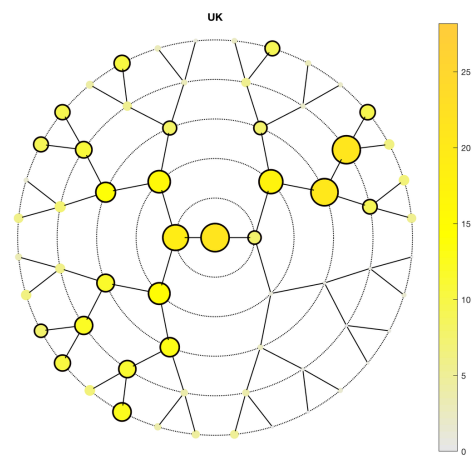
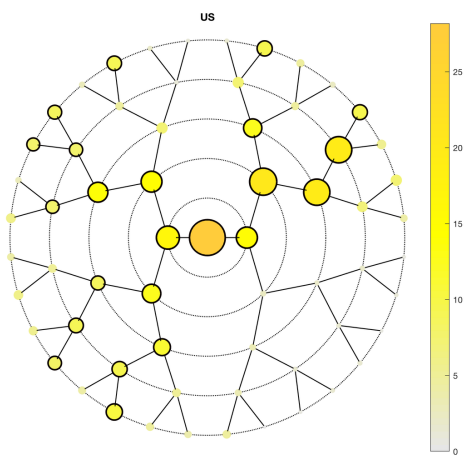


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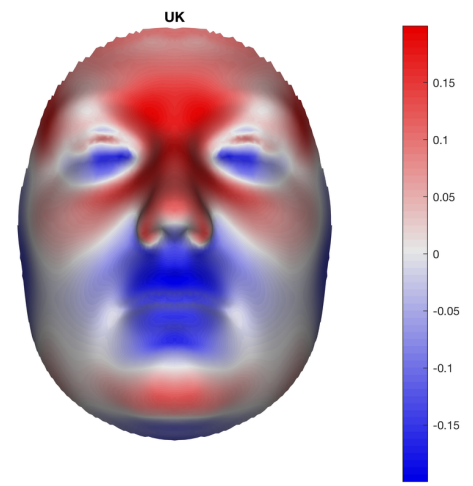
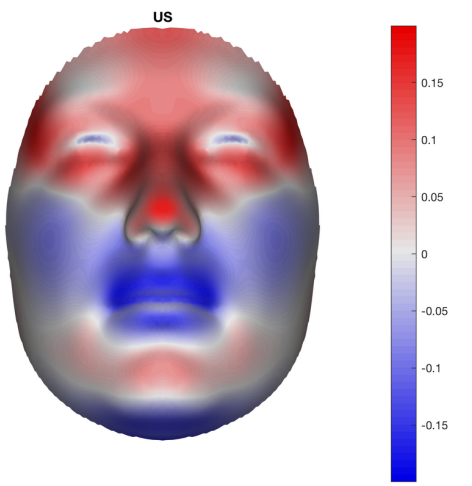


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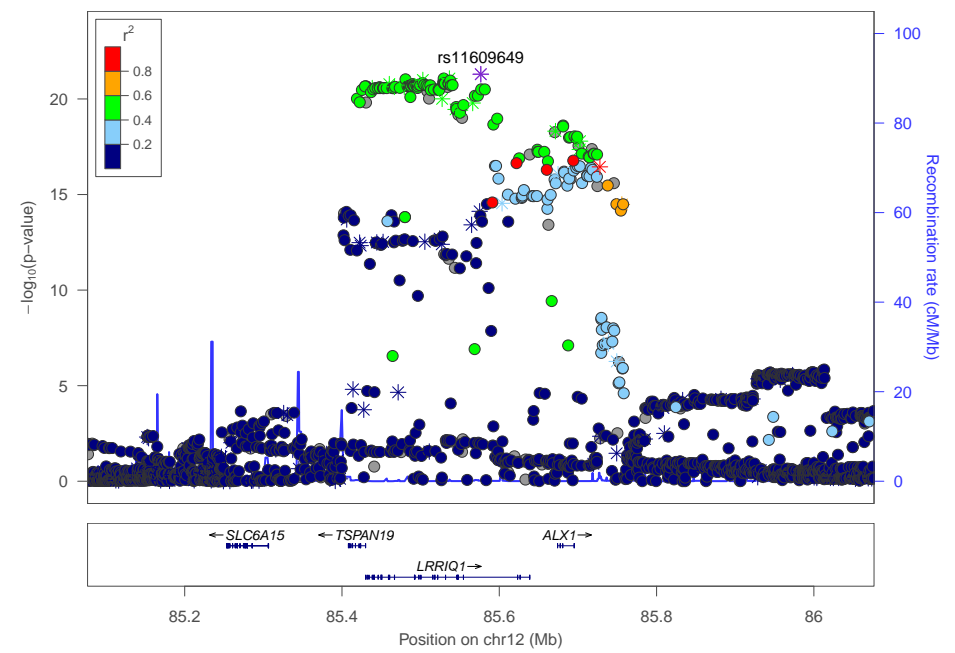




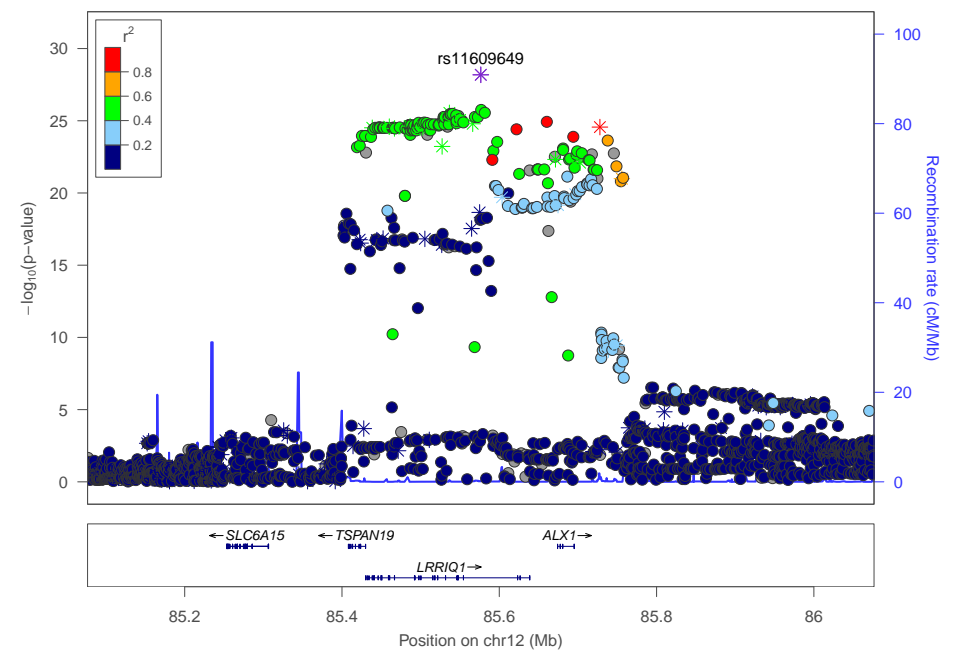
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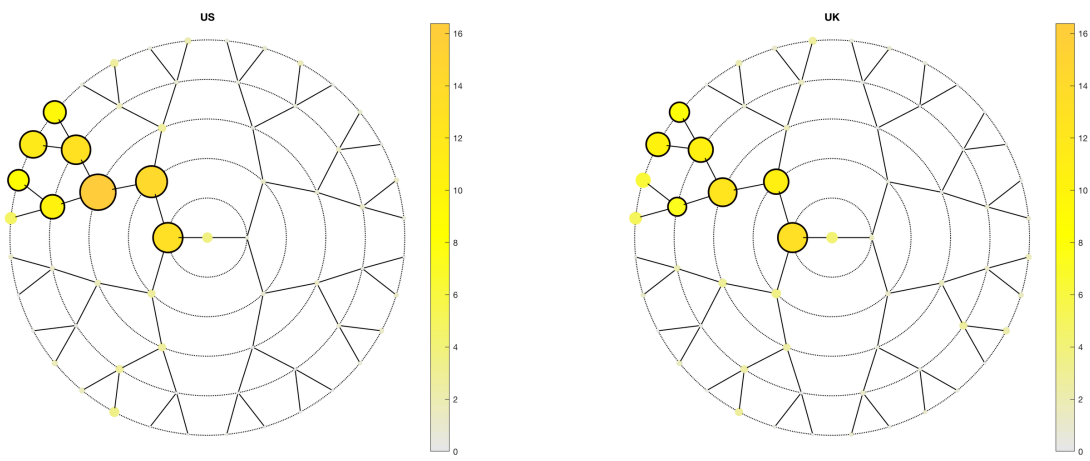


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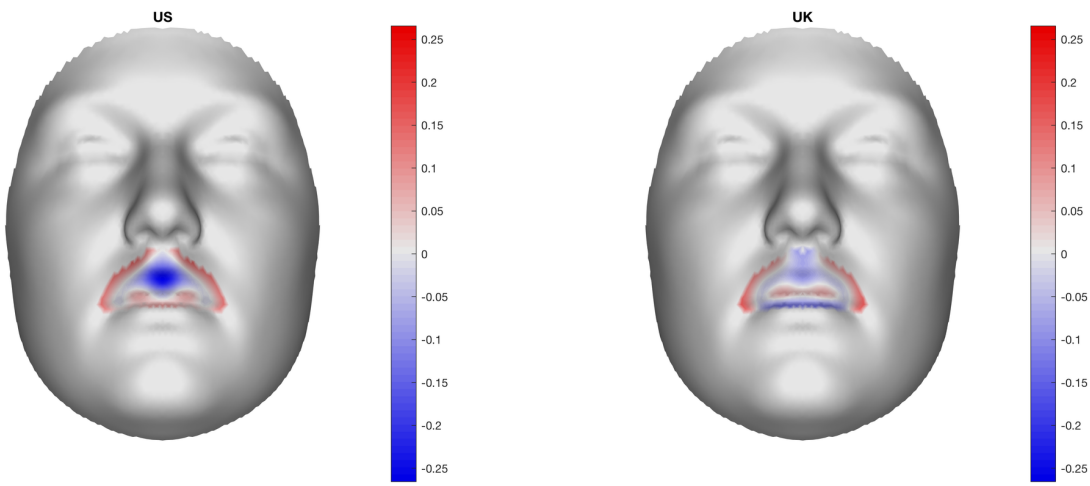


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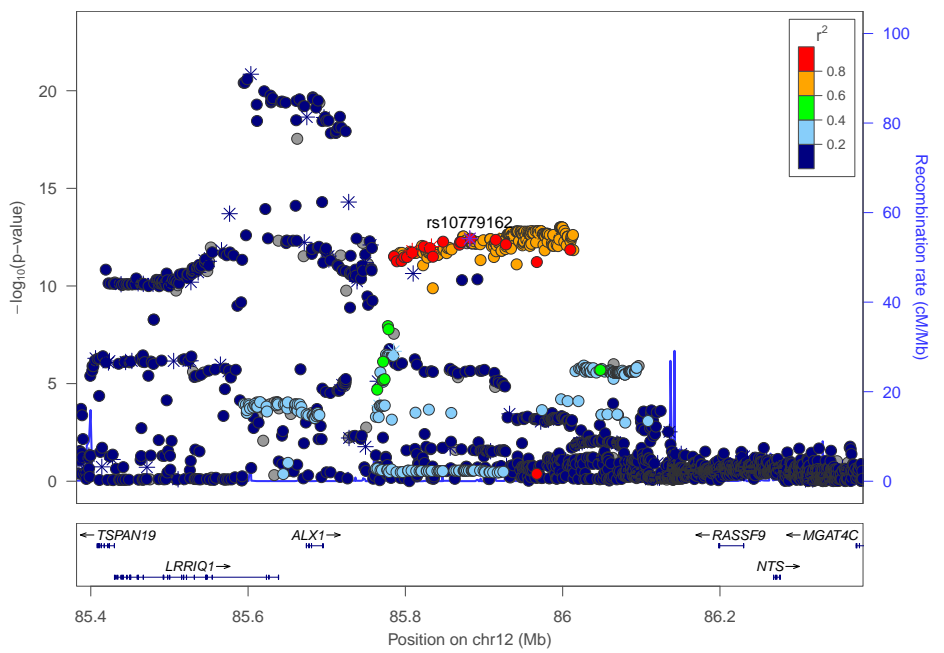




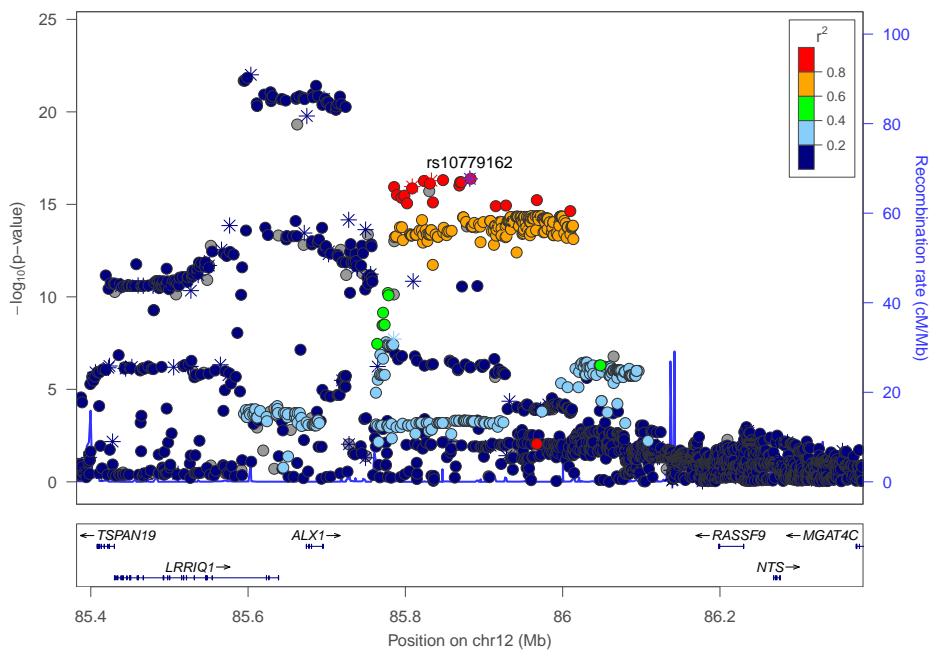
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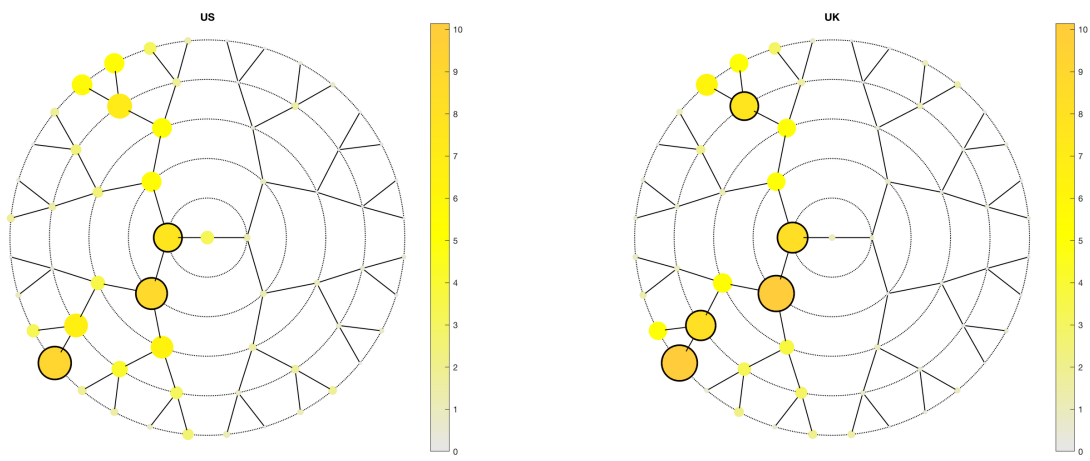


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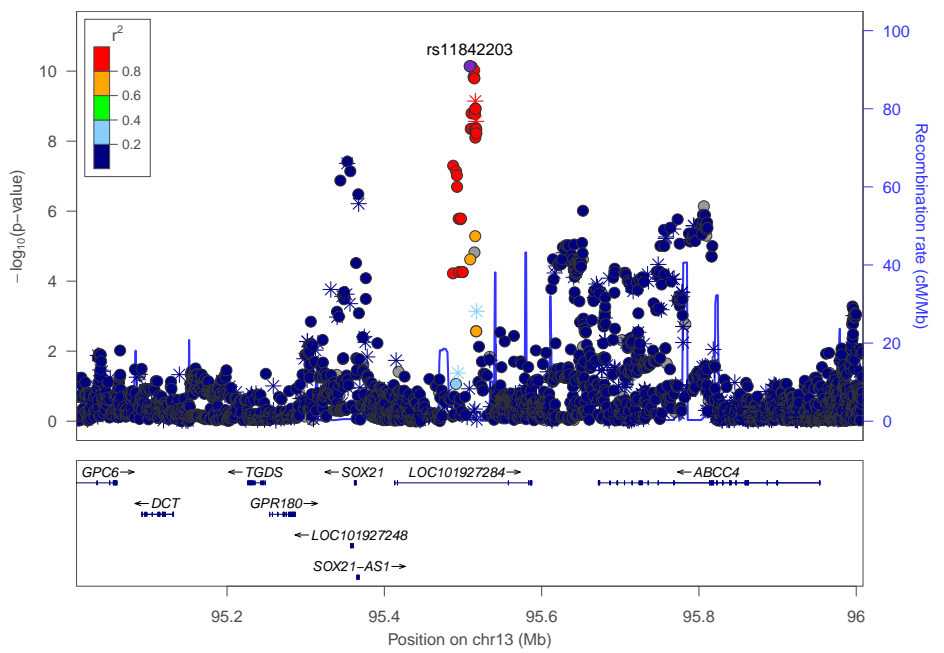


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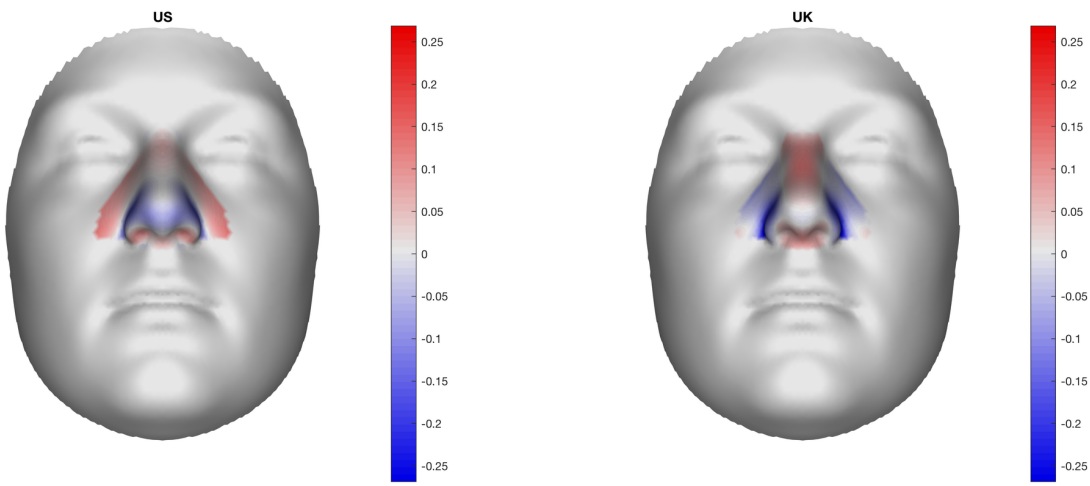




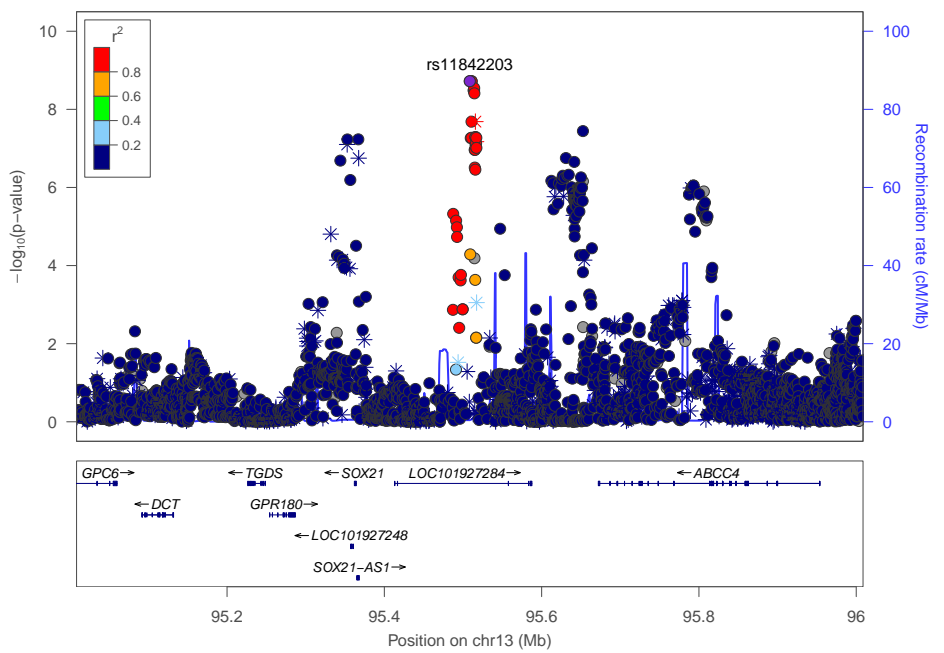
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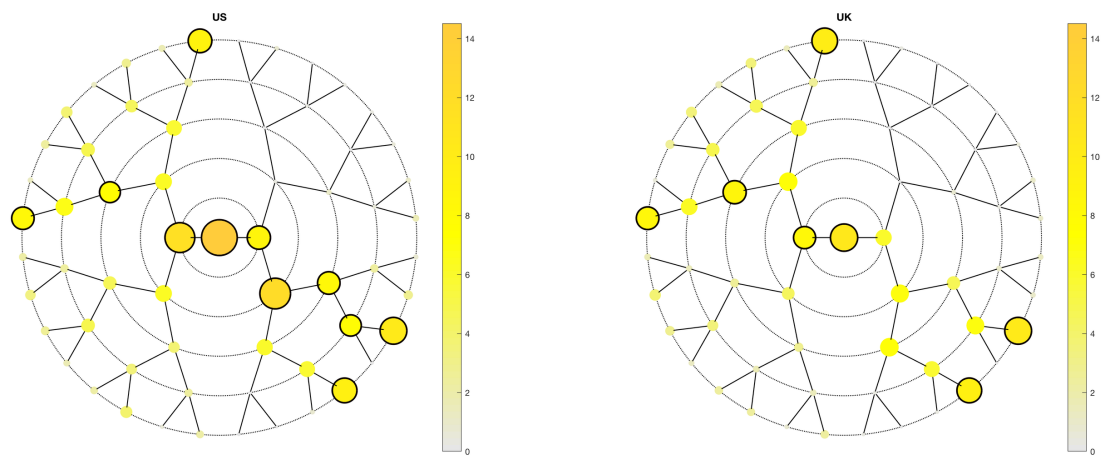


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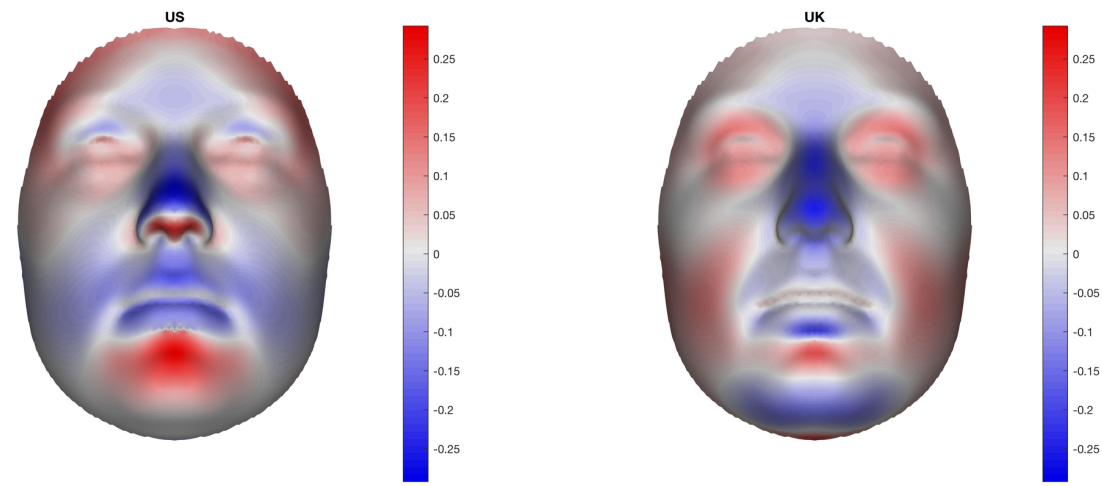


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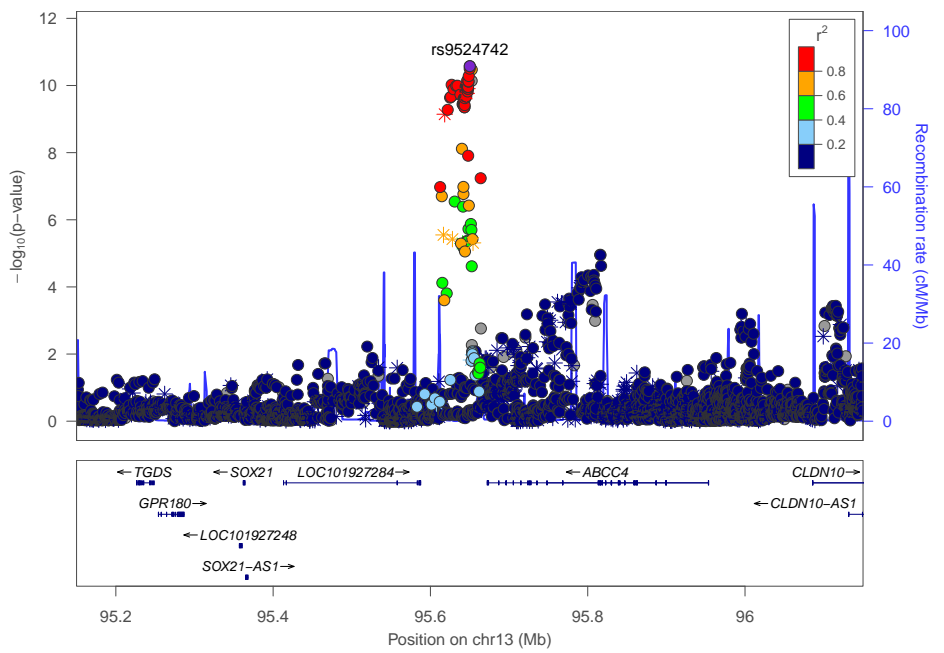




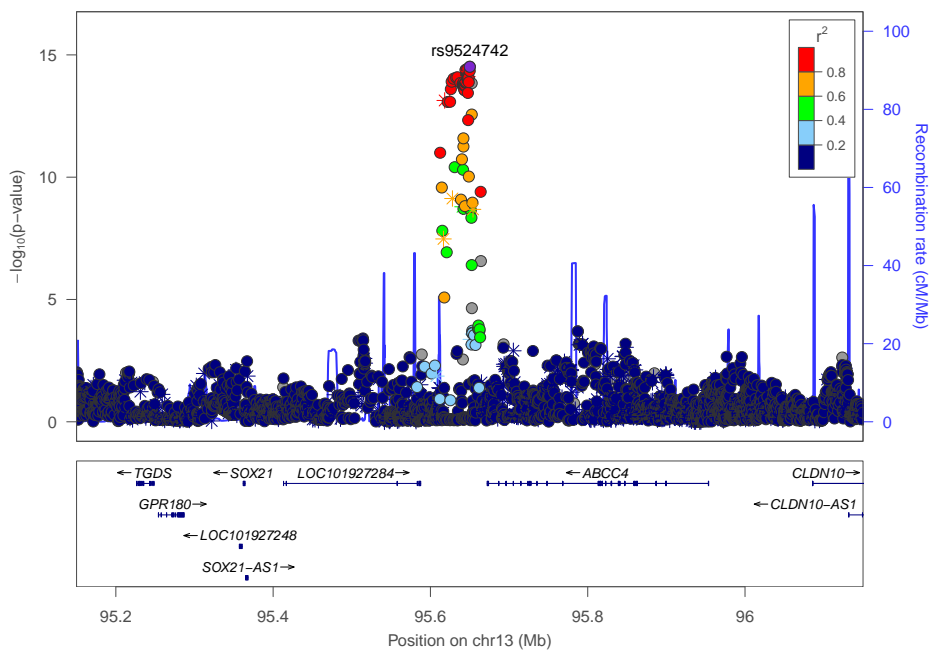
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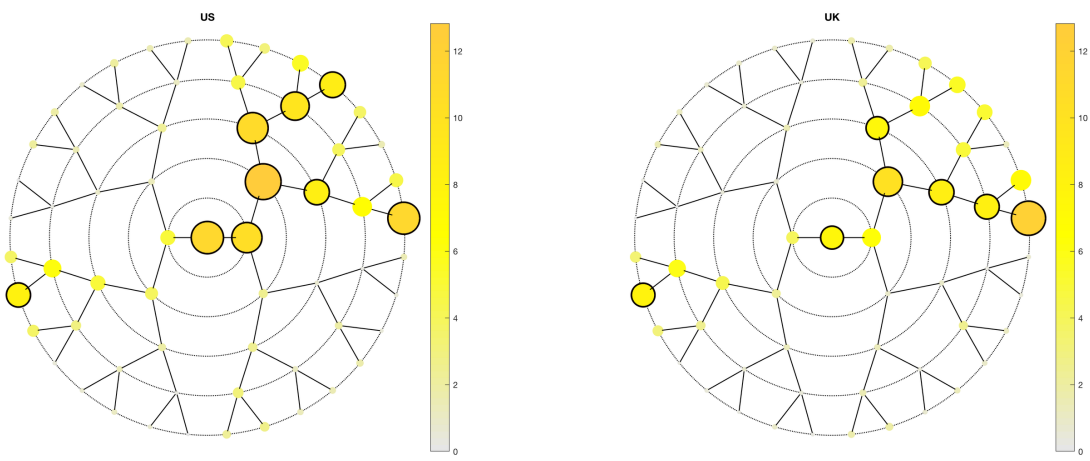


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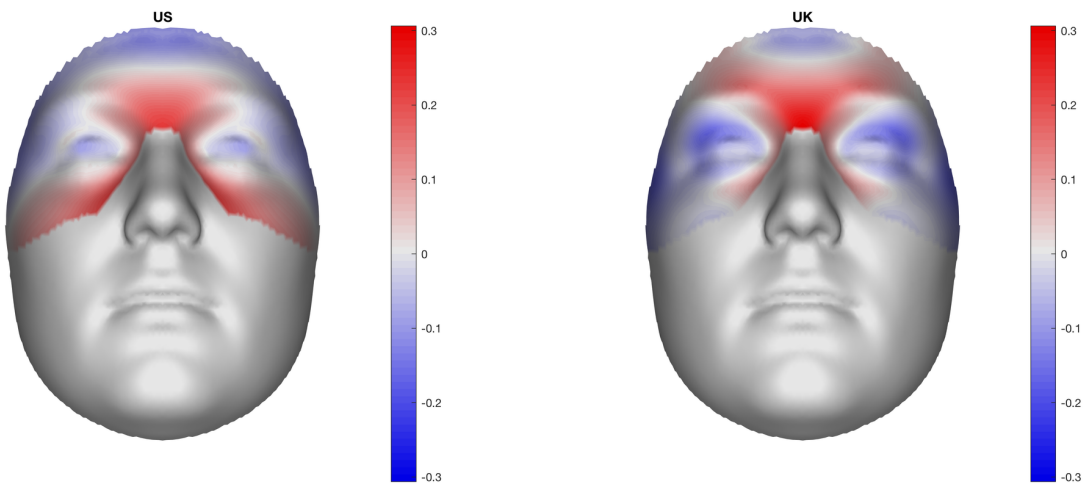


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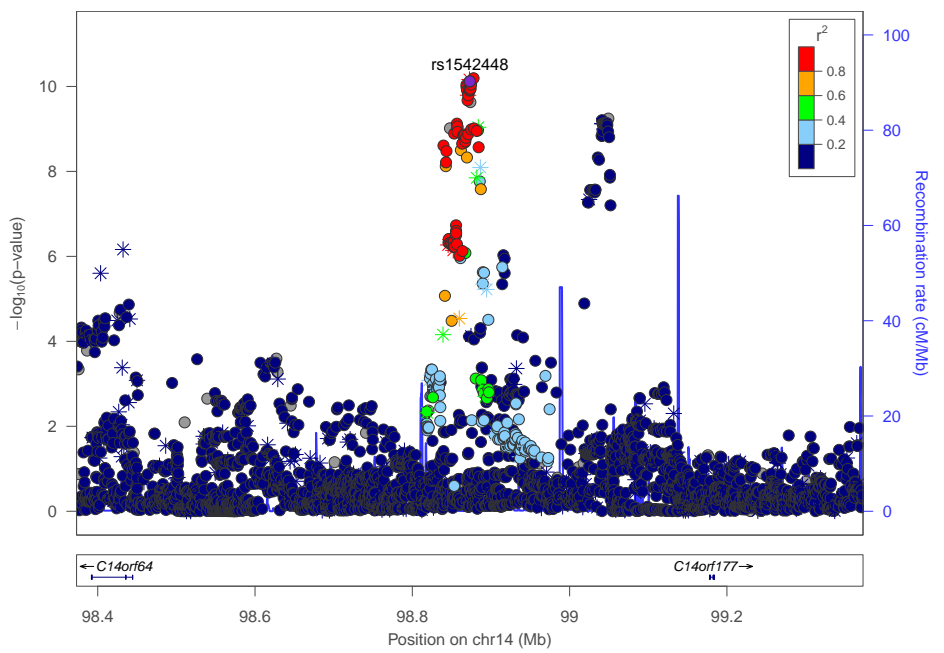




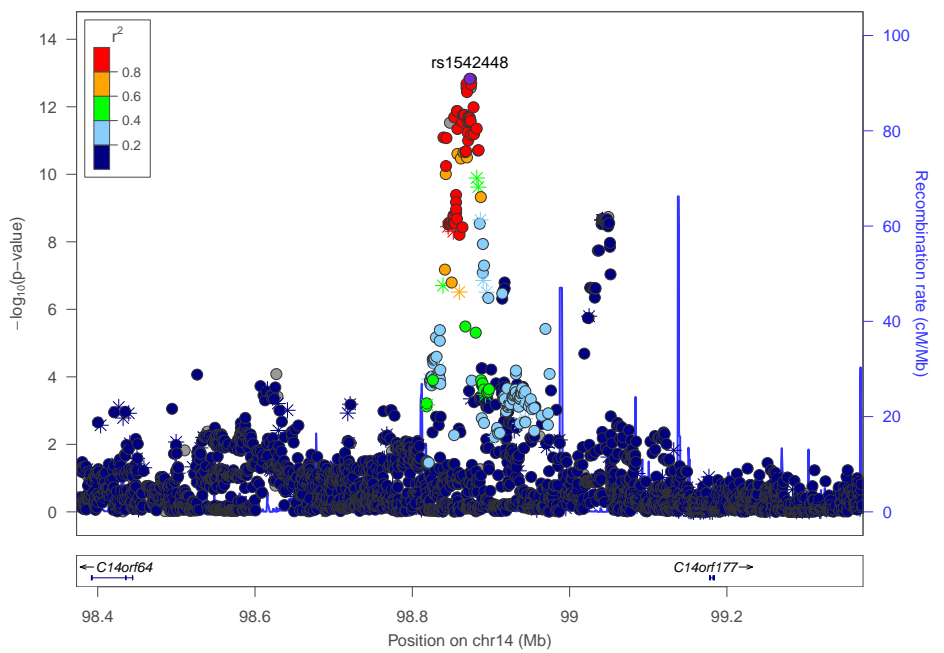
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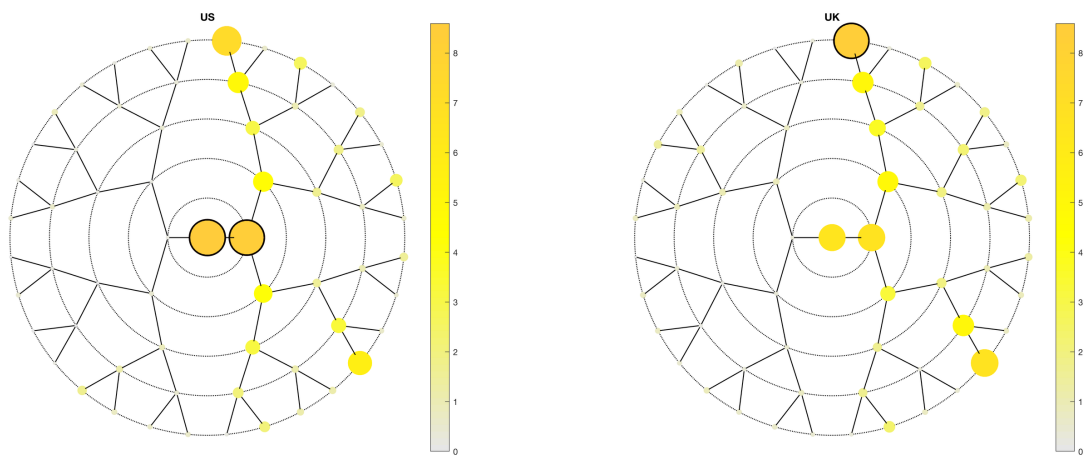


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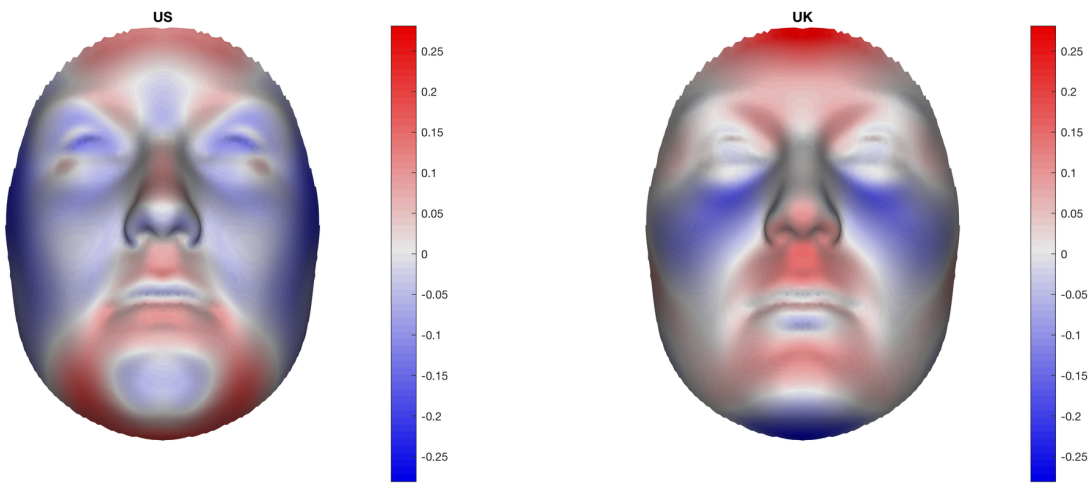


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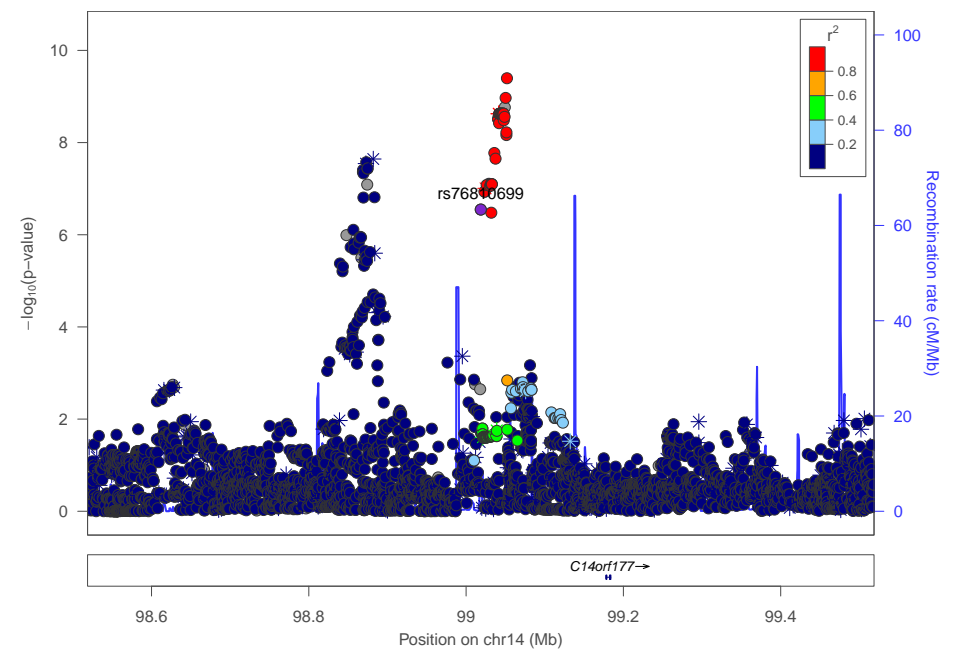




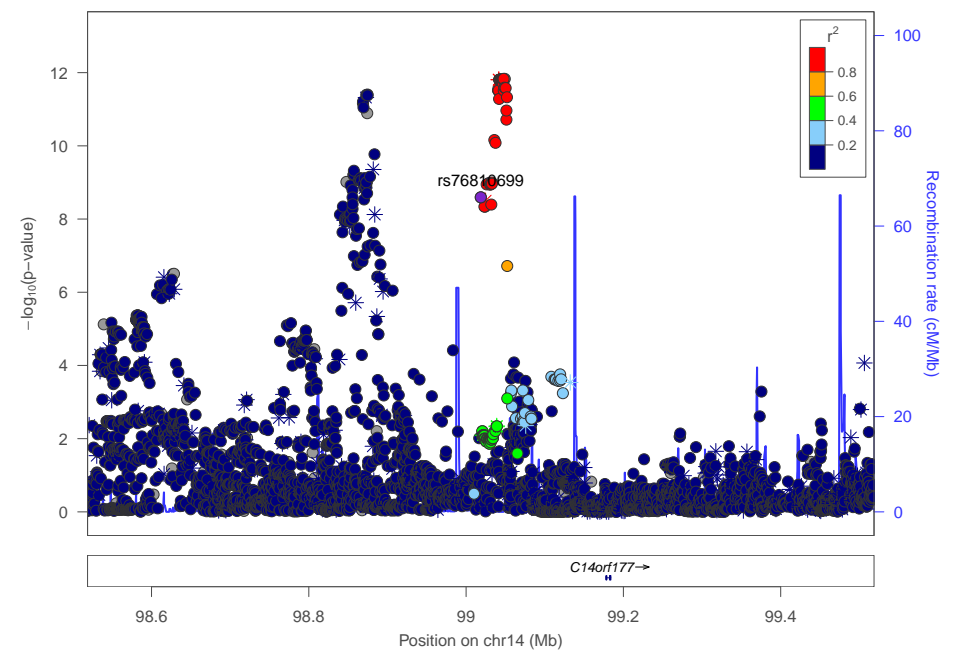
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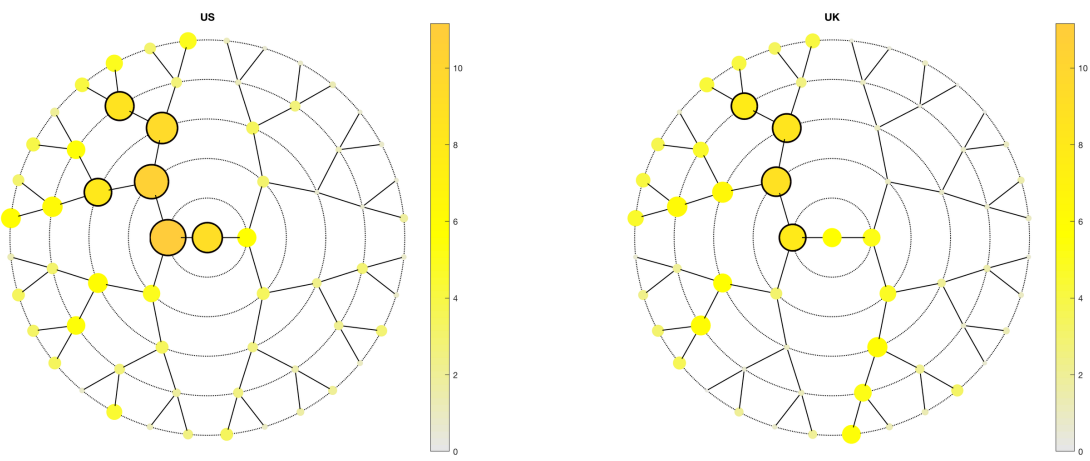


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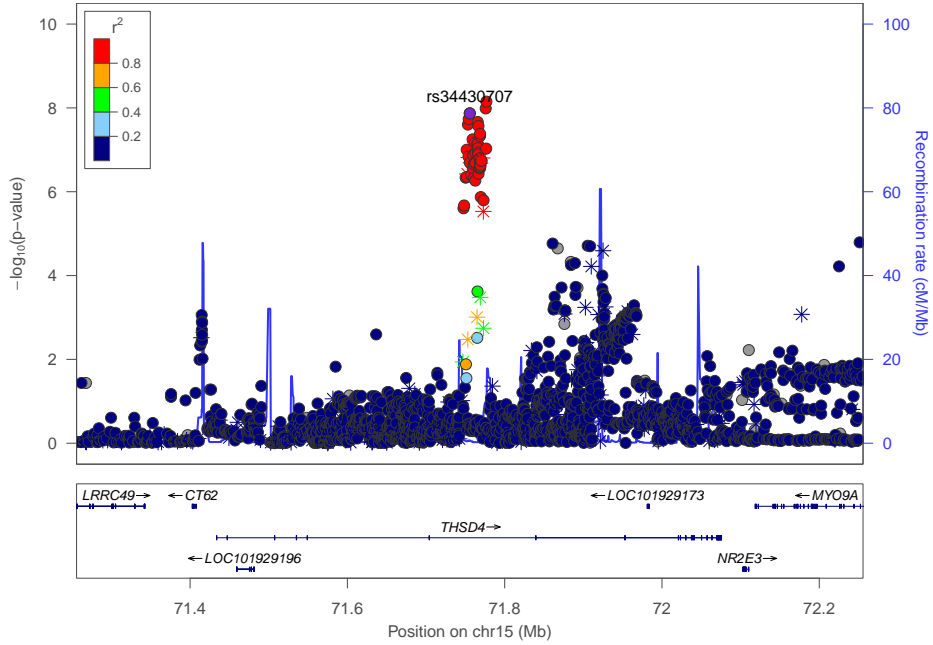


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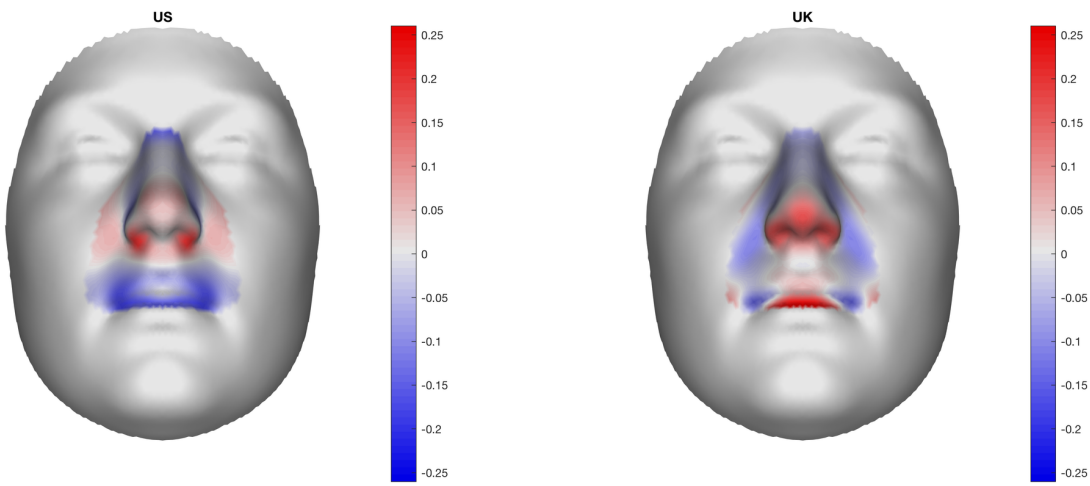




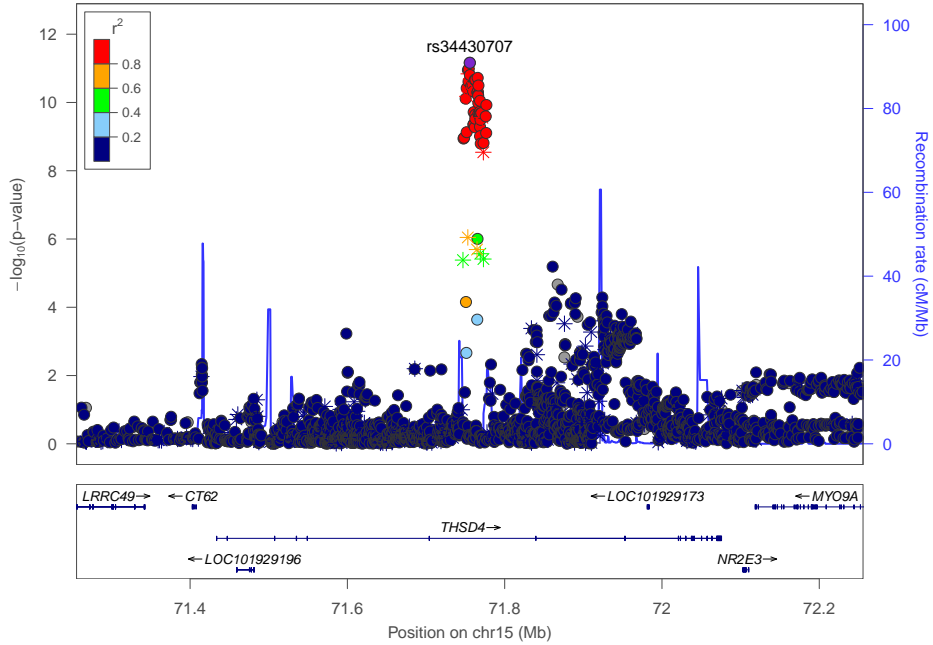
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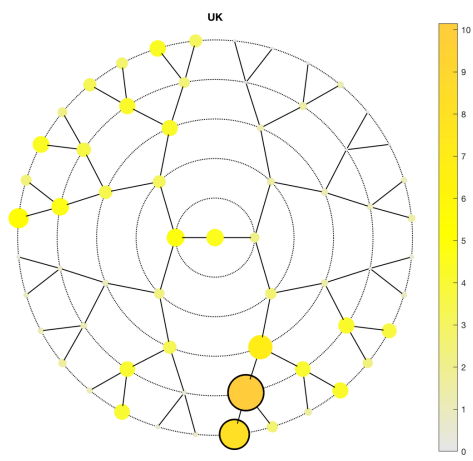
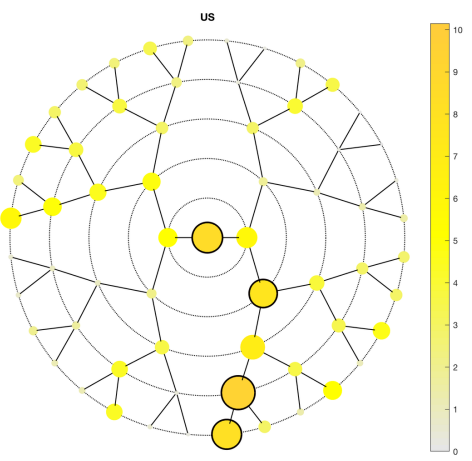


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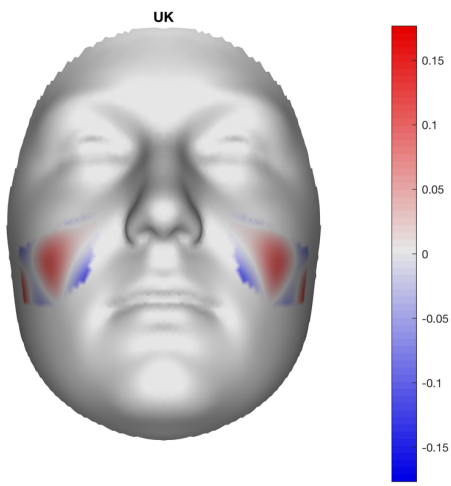
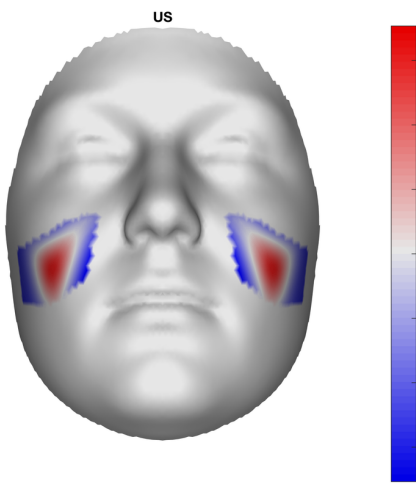


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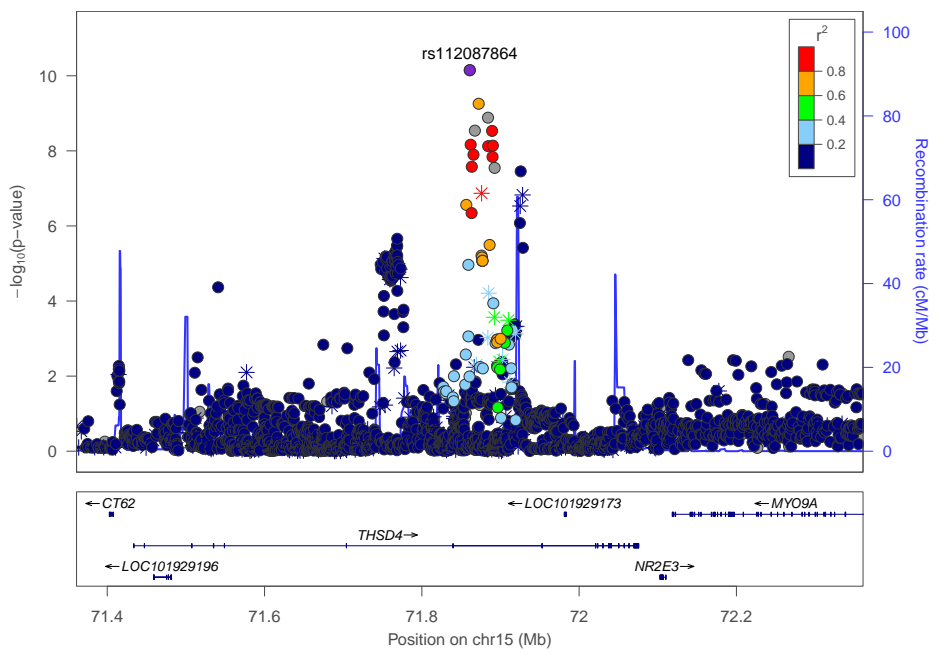




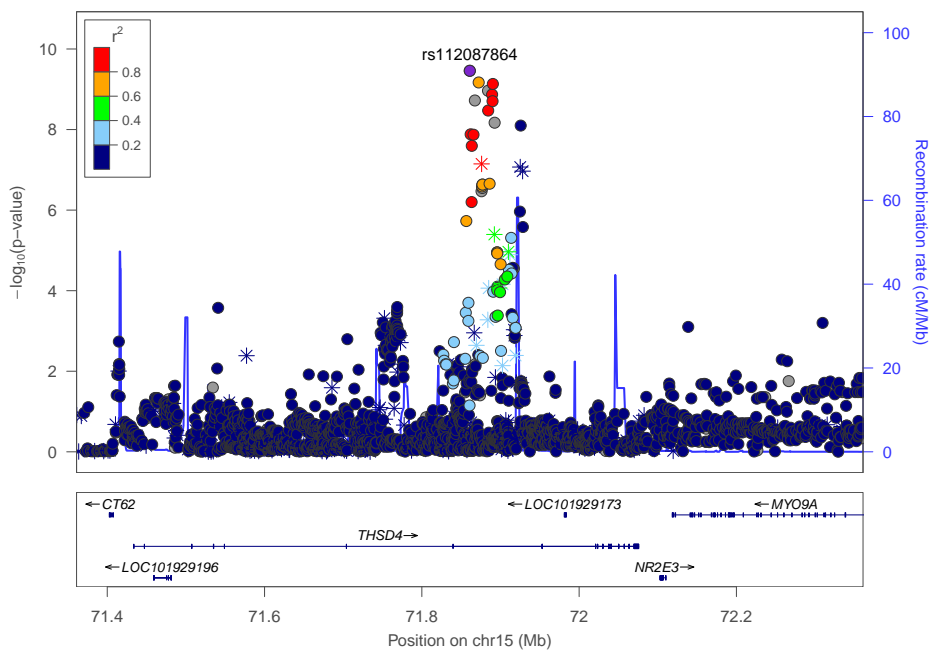
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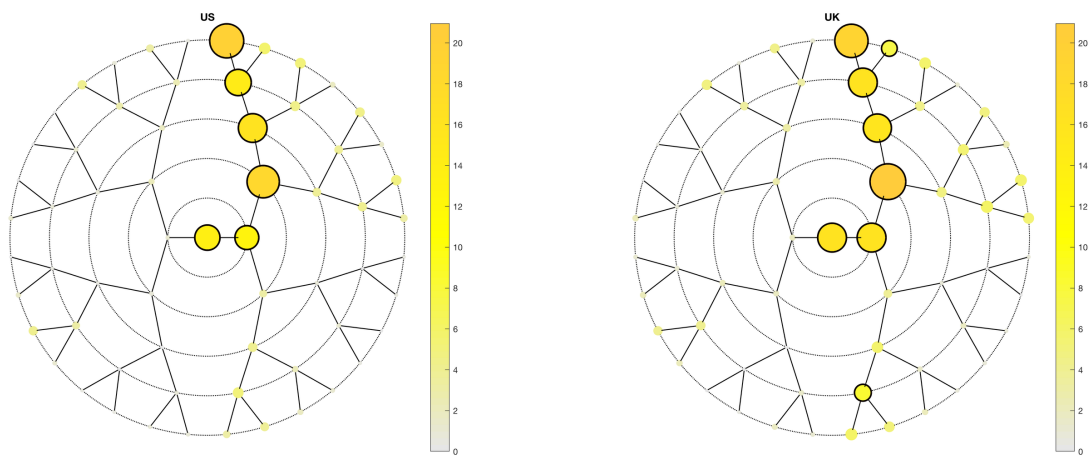


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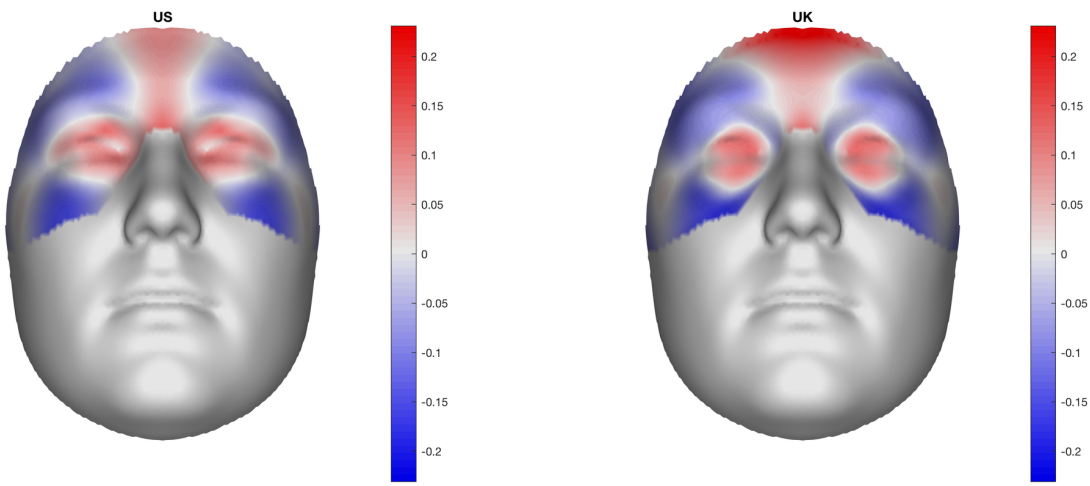


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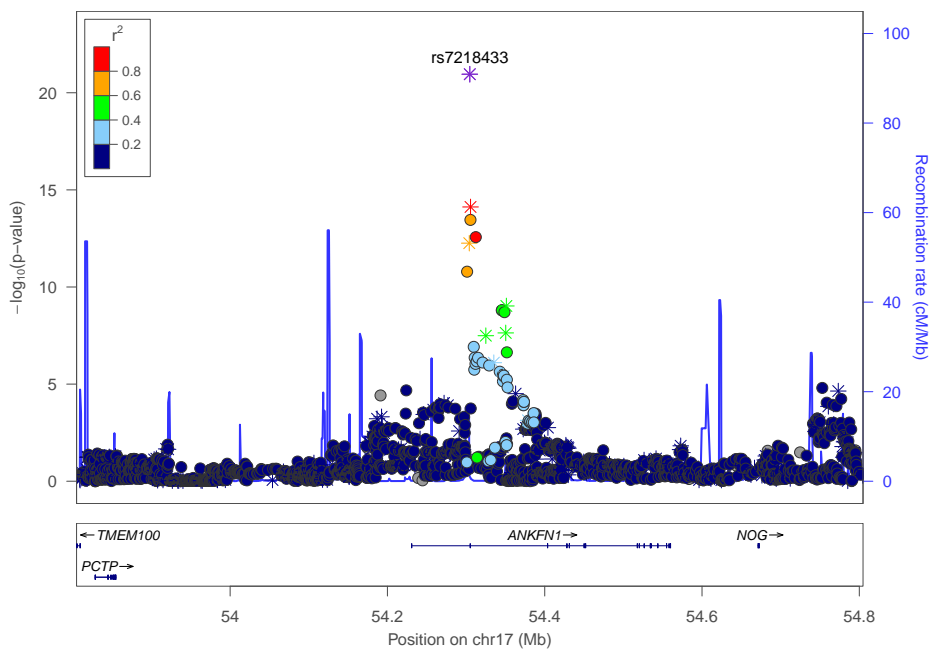




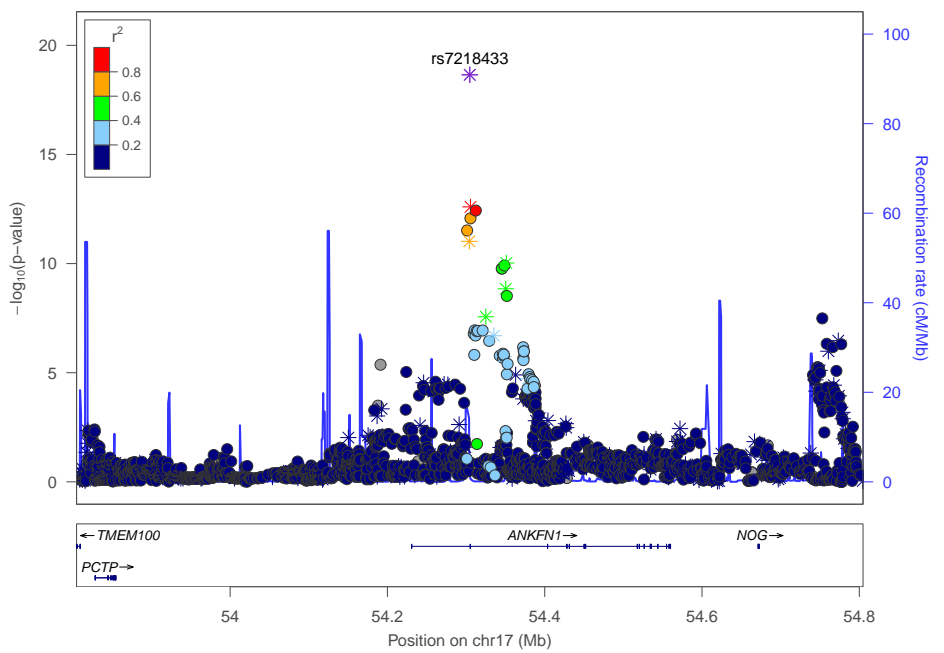
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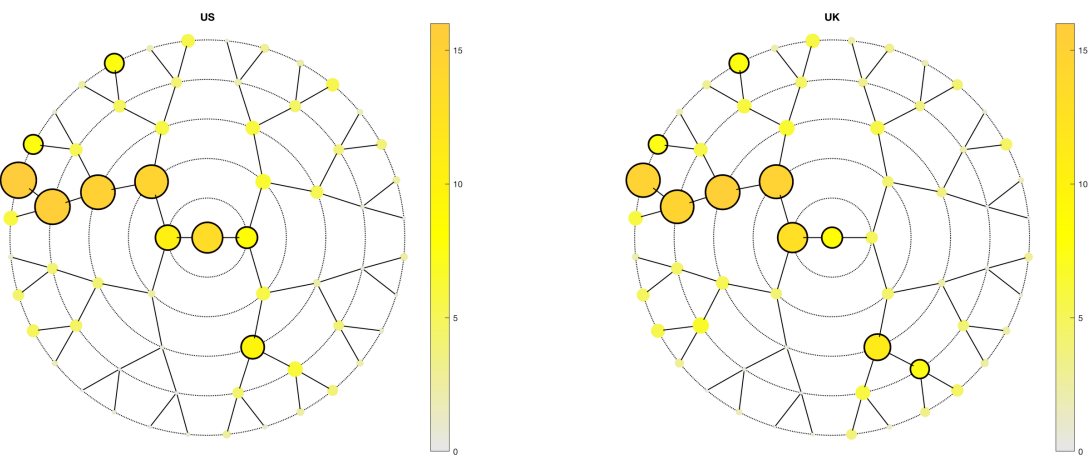


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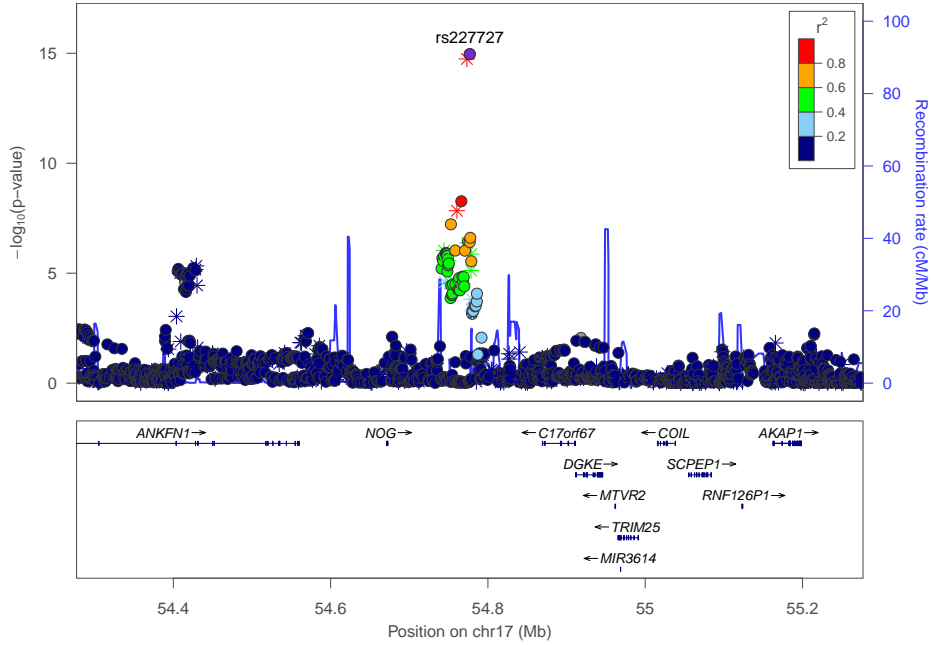


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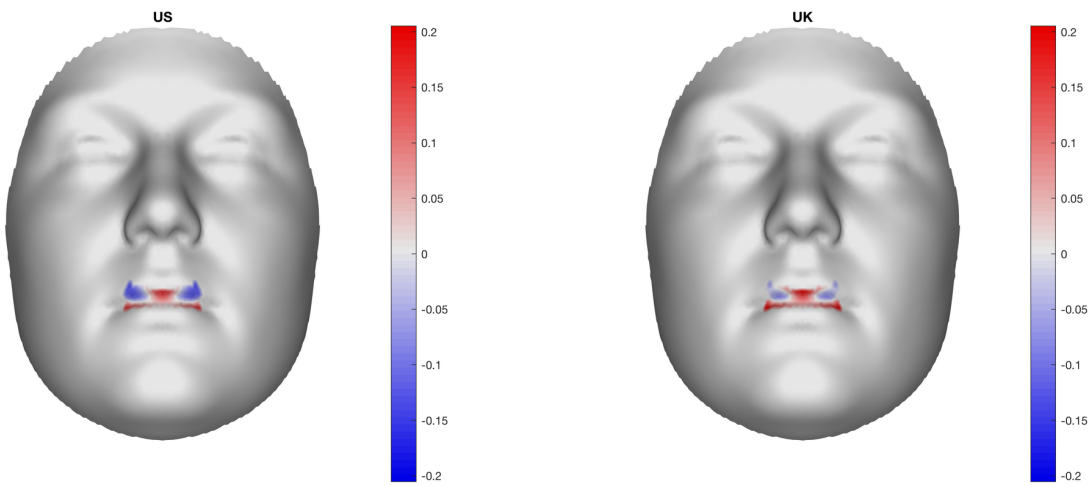




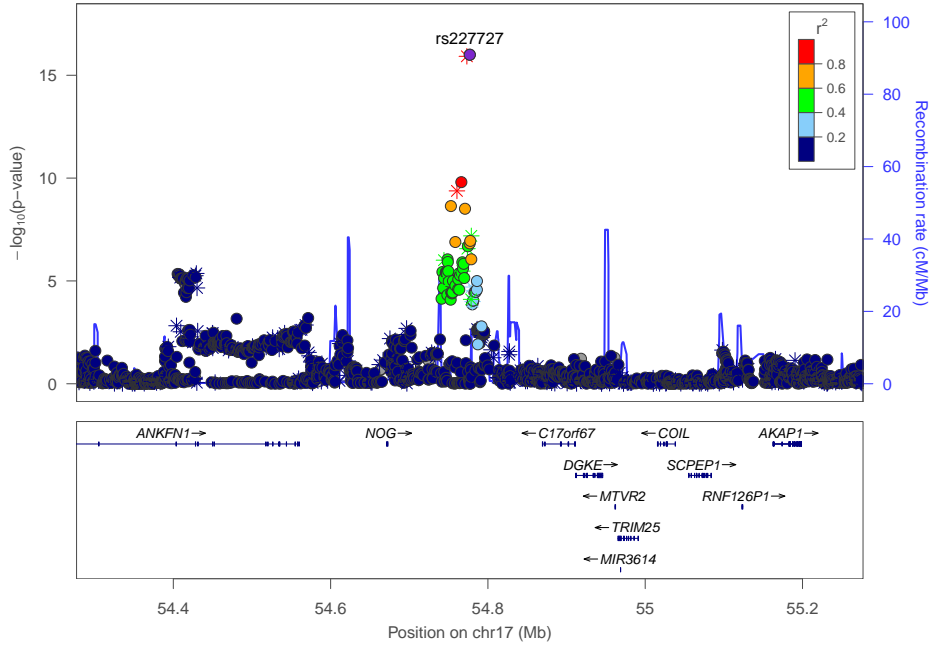
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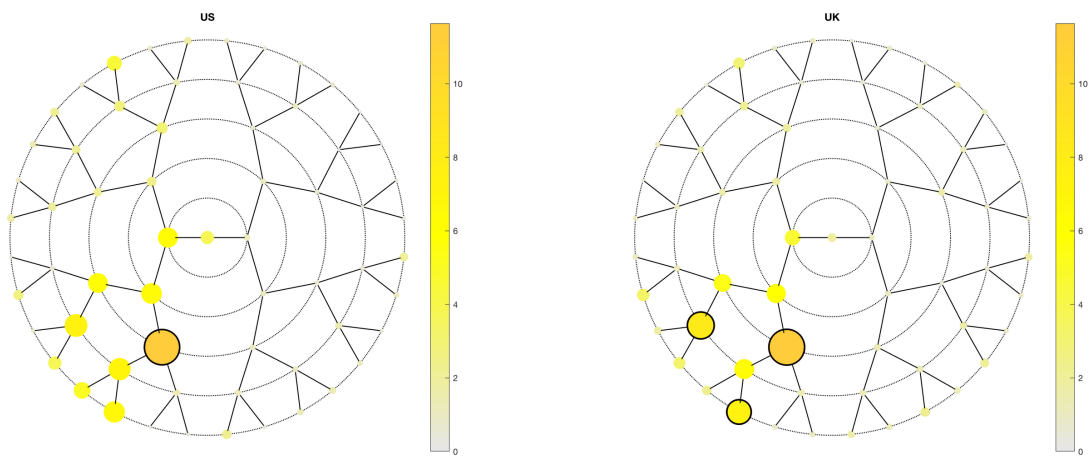


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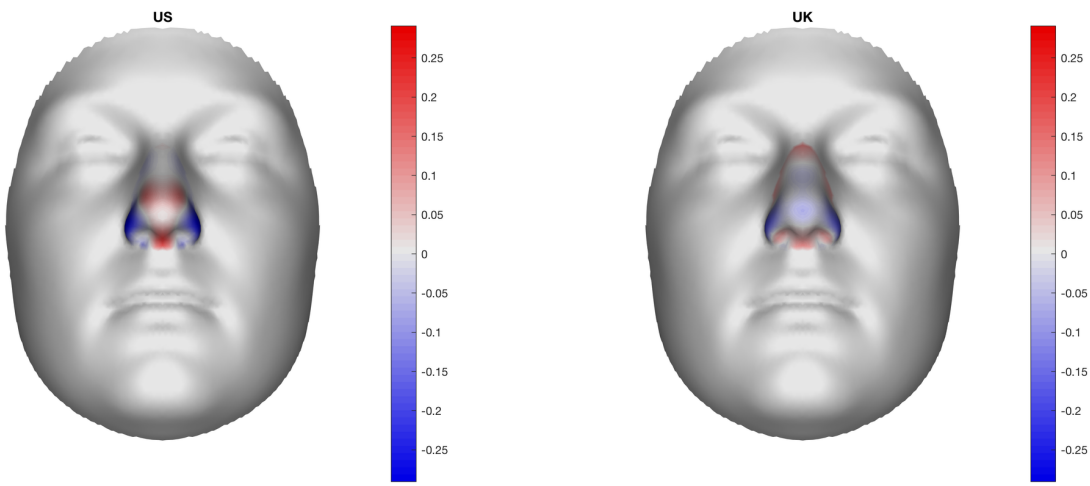


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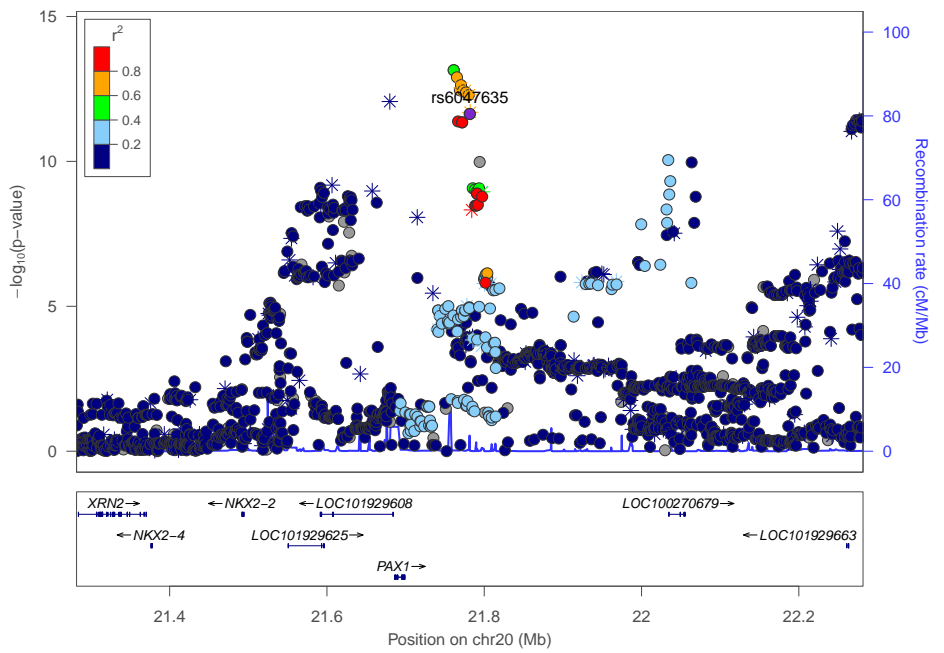




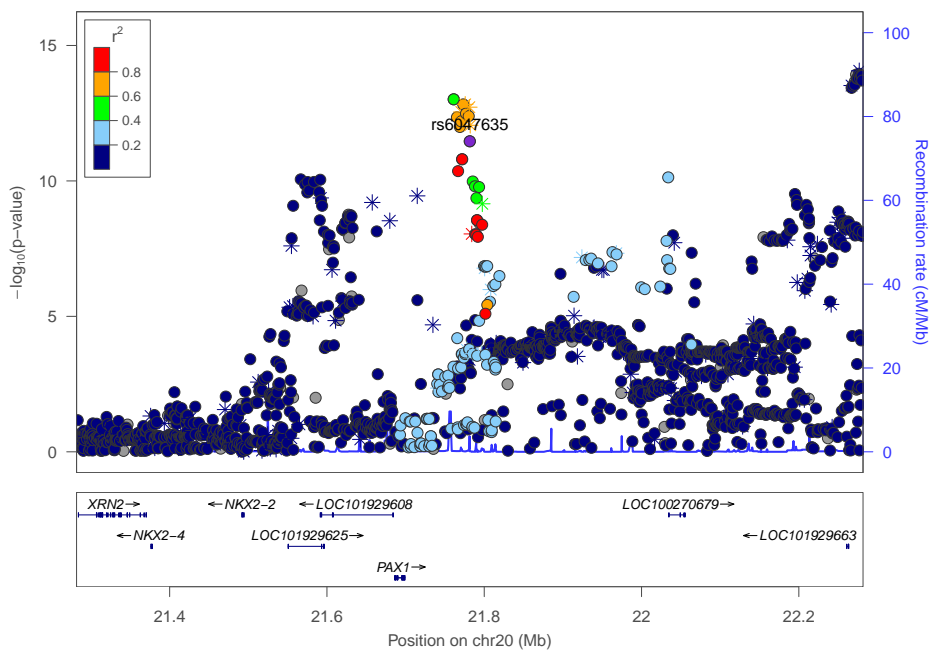
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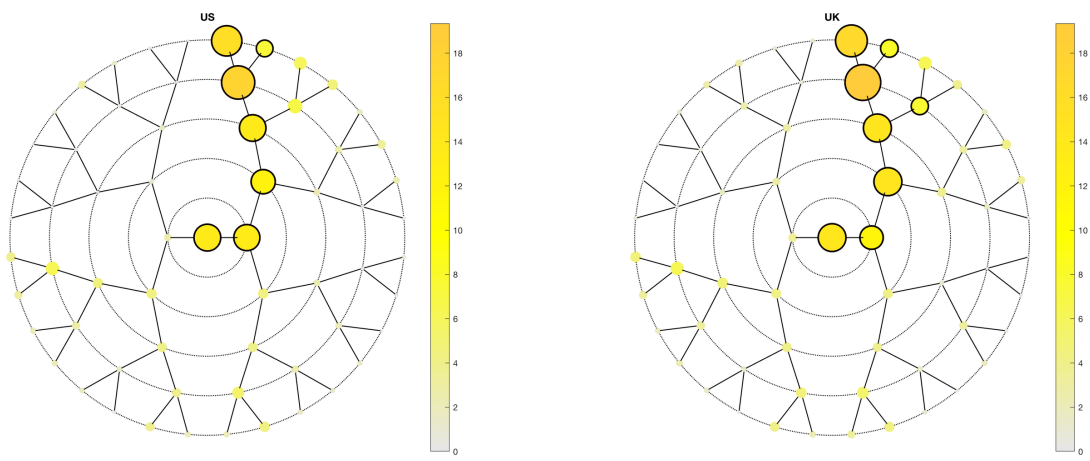


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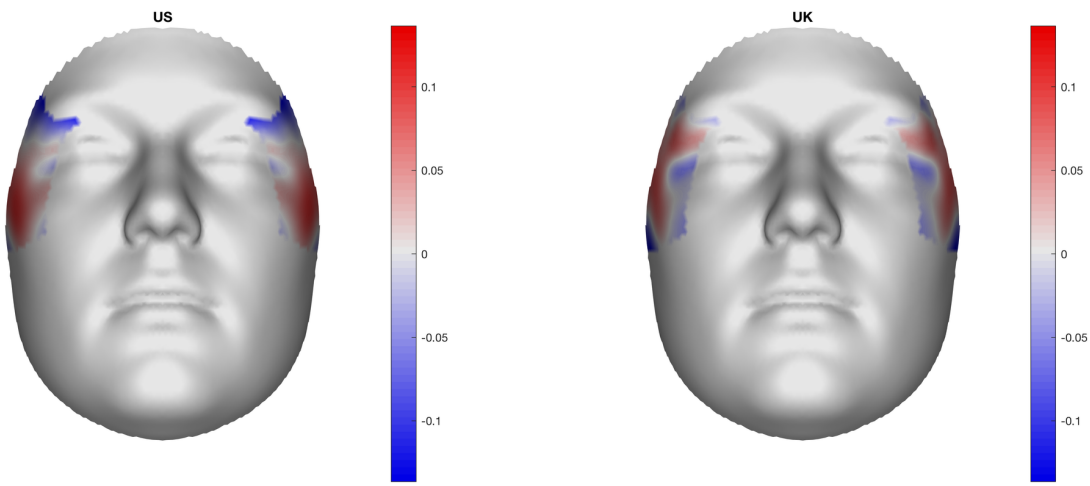


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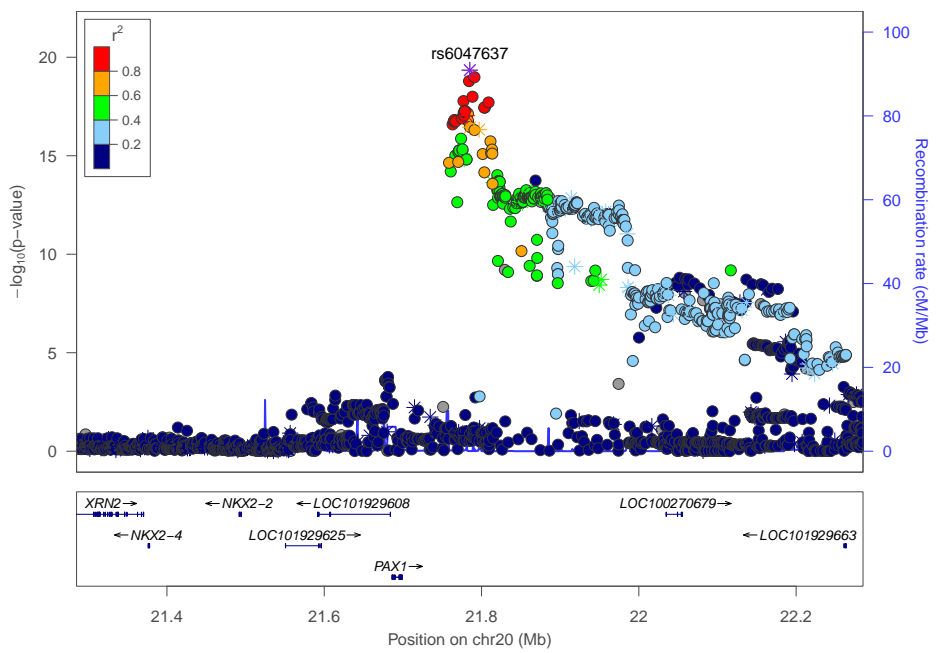




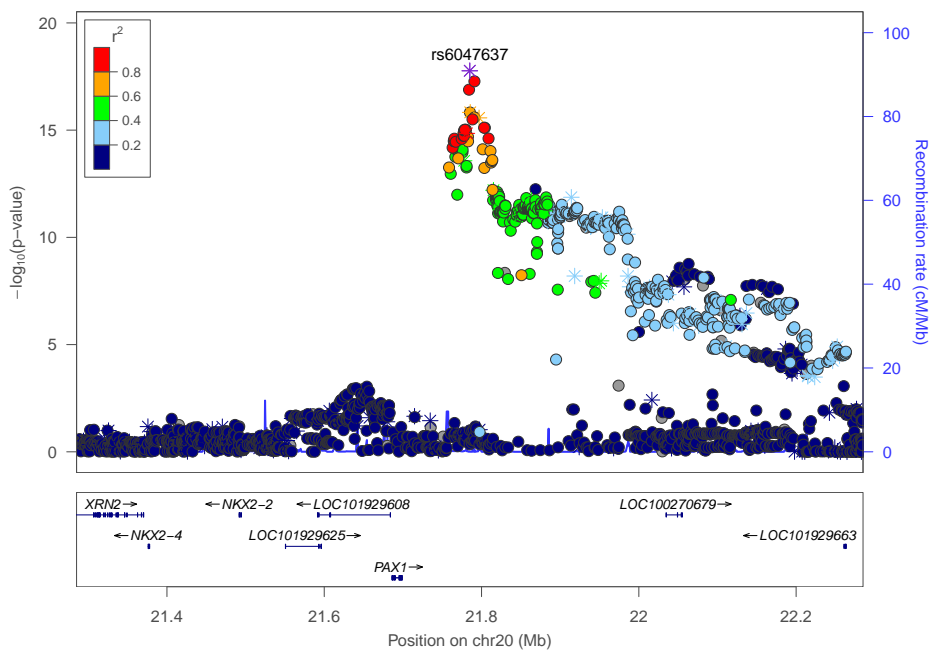
A



B



C



Overview figures of 24 multi-peak loci. For each of the twenty-four multi-peak loci (listed in Supplementary Table 5): (A) $-\log_{10}(\text{p-value})$ of the meta-analysis one-sided, right-tailed p-value per facial segment in META_{US} and META_{UK} tracks. Black-encircled facial segments have reached genome-wide significance ($P = 5 \times 10^{-8}$). (B) The normal displacement (displacement in the direction locally normal to the facial surface) in each quasi landmark of the facial segment reaching the lowest p-value in META_{US} and META_{UK} , going from the minor to the major allele. Blue indicates inward depression; red indicates outward protrusion. (C) LocusZoom plots in META_{US} (top) and META_{UK} (bottom), for the segment in which the SNP had its lowest p-value (one-sided). Points are colored based on linkage disequilibrium (r^2) in the 1000 Genomes Phase 3 EUR population. Asterisks represent genotyped SNPs and circles represent imputed SNPs.