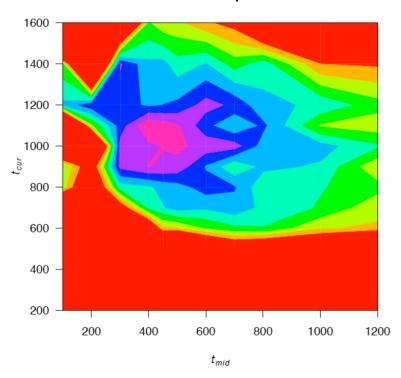
## Schaffner hotspot model



## **Empirical hotspot model**

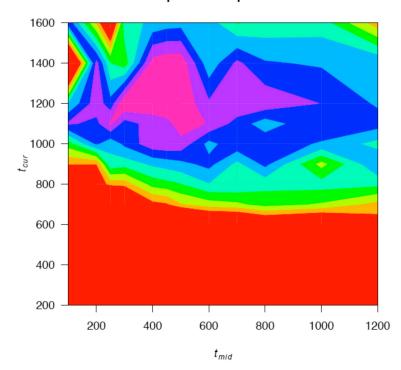


FIGURE S10.—Two-dimensional profile likelihood surface for  $t_{cur}$  vs.  $t_{mid}$  for the Perlegen CEU data inferred using the Schaffner hotspot model and empirical hotspot model. Contours are every 3-log-likelihood units. The inner pink contour denotes the region of points where the log-likelihood is < 3-log likelihood units from the MLE. Note the jaggedness of the contours is due to the relatively course grid used to estimate parameters combined with Monte Carlo error.