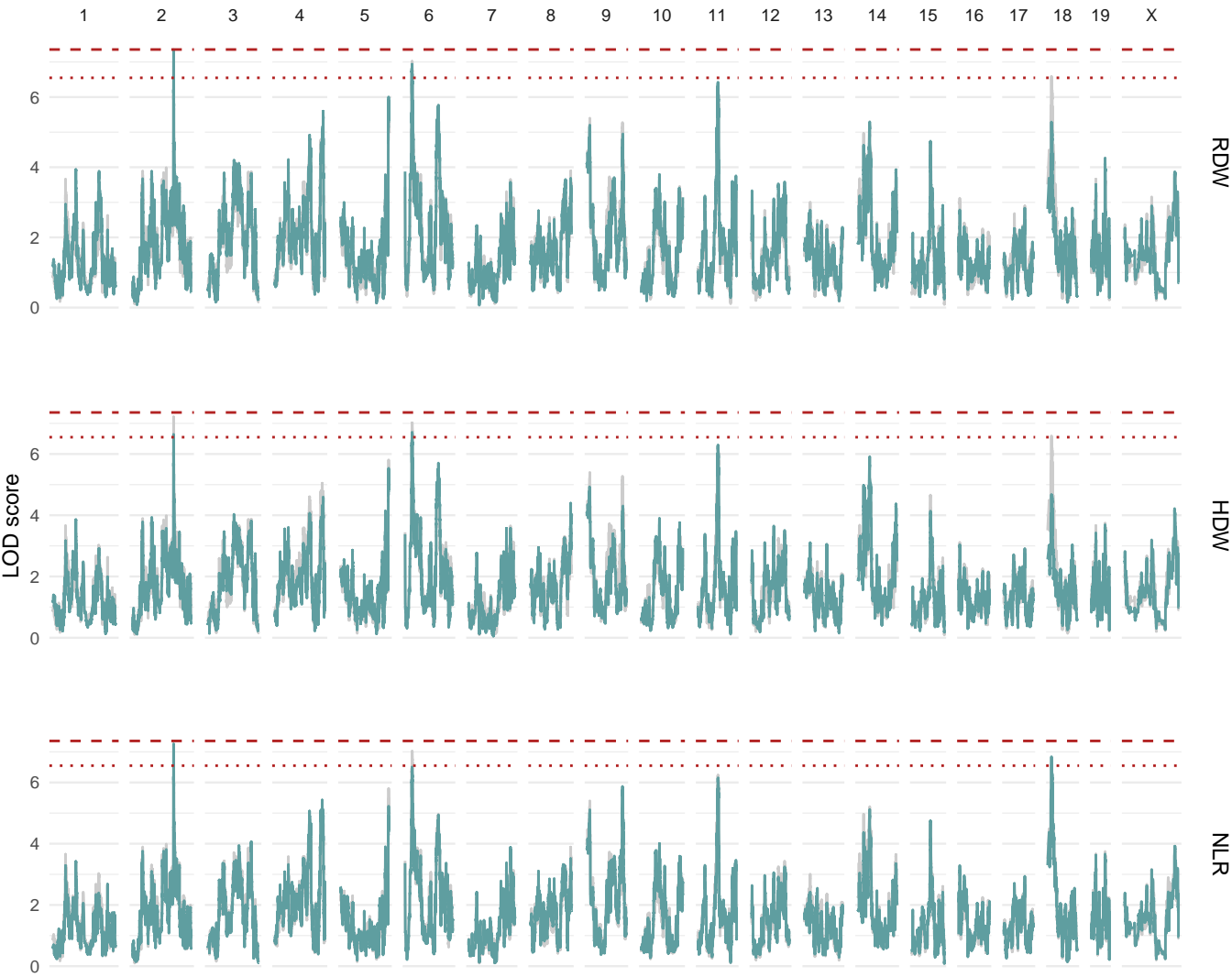


Lifespan conditioned on 7-month RDW, HDW, or NLR



The plot above shows the results of the genome-wide linkage scans for lifespan conditioned on sex, generation and one of the three blood traits shown to change with age and be predictive of lifespan (RDW, HDW, or NLR). The y-axis shows the LOD score (the strength of the genetic association) and the x-axis indicates the position on each chromosome. The blue-green lines indicate the LOD score for the genetic association of lifespan conditioned on the corresponding blood trait (indicated to the right of the plot) and the light gray lines indicate the genetic association of lifespan ignoring the value of the blood trait. The dashed red line is the permutation threshold for significance at an alpha level of 0.05 and the dotted red line is the permutation threshold for significance at an alpha level of 0.2.