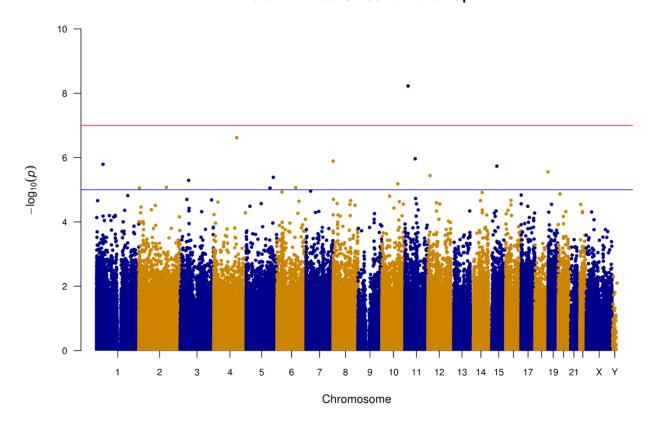
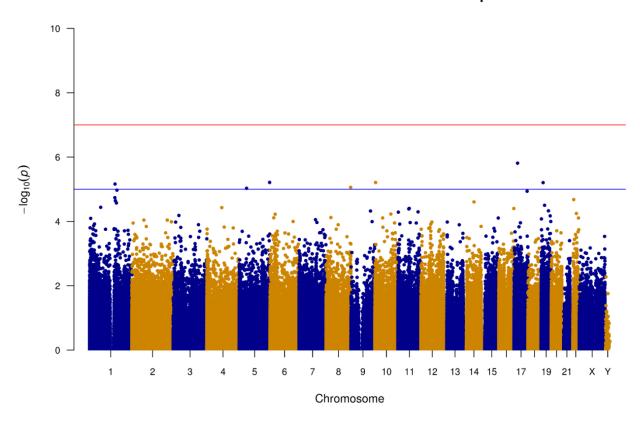
## Total MET-hours/week at follow-up



## Leisure-time MET-hours/week at follow-up



**Figure S1.** Manhattan plots showing results of genome-wide studies of DNA methylation in peripheral blood in relation to total (N=1,242) and leisure physical activity in MET-hours/week (N=1,249) at 484,826 CpG sites at follow-up of the Melbourne Collaborative Cohort Study (MCCS). Red and blue line depict thresholds for statistically significant findings ( $P<1.0\times10^{-7}$ ) and weaker evidence of association ( $P<1.0\times10^{-5}$ ), respectively.