
Figure S4: Monotone likelihood

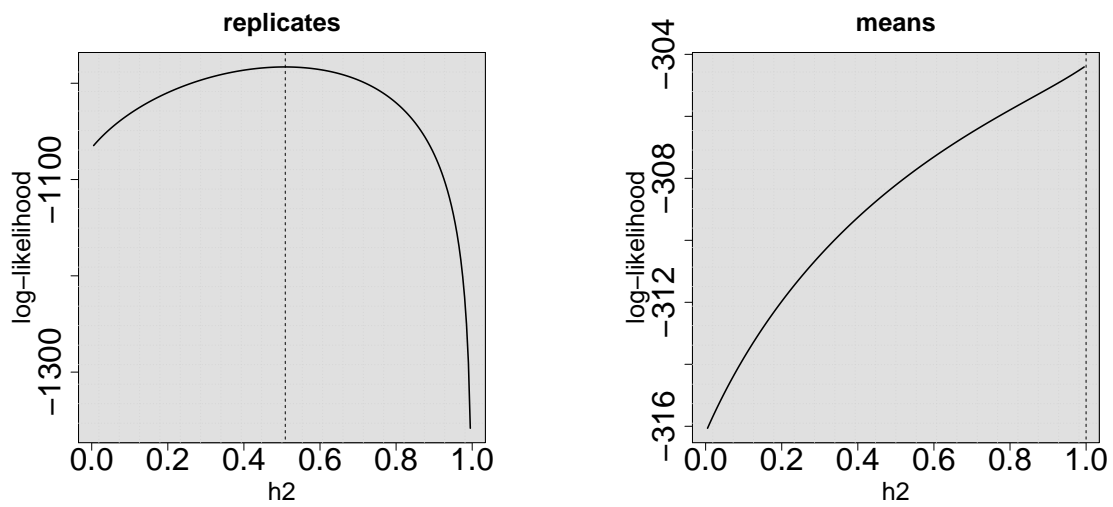


Figure S4 : **Log-likelihood as function of the heritability, for one of the 5000 simulated traits from Figure 1 (in the main text), for accessions drawn from the HapMap and a simulated heritability of 0.5** Here we choose one of the 882 traits (17.6%) for which the heritability estimate based on means (\hat{h}_m^2) was larger than 0.99. For these traits, the heritability estimate based on replicates (\hat{h}_r^2) was on average 0.502. For the trait shown here, $\hat{h}_m^2 = 0.5087$ (left) and $\hat{h}_m^2 = 0.9999$ (right).