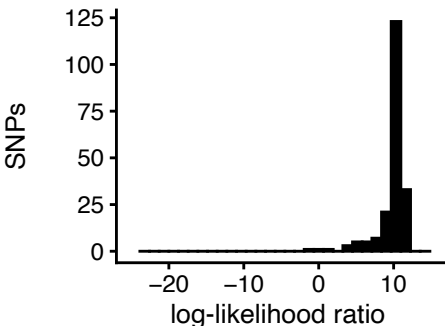
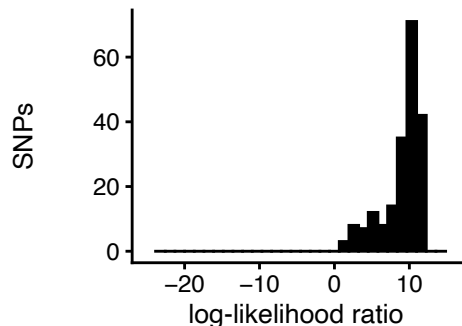


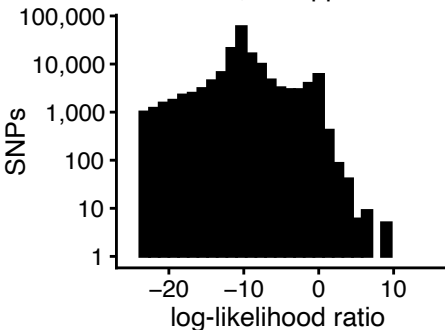
zero effect, flipped allele



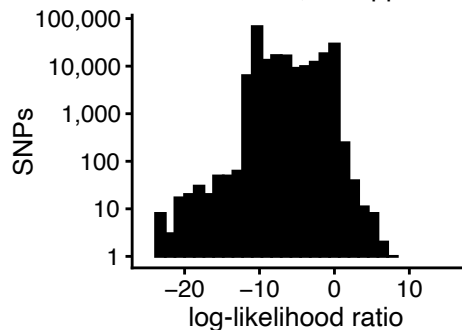
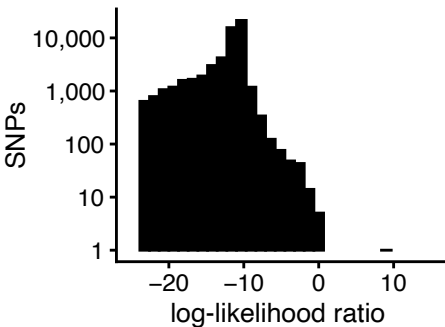
nonzero effect, flipped allele



zero effect, no flipped allele



nonzero effect, no flipped allele

zero effect, no flipped allele,
lz-score > 2nonzero effect, no flipped allele,
lz-score > 2