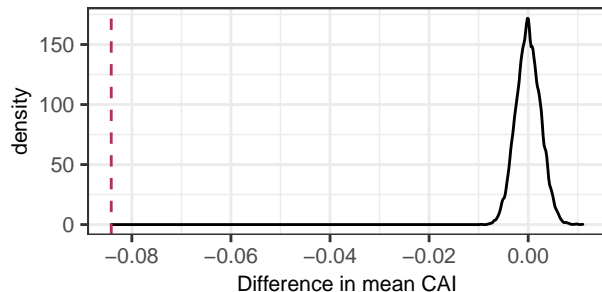
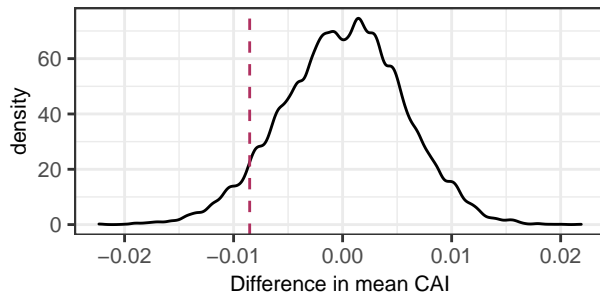


**A** Ce – permutation test, Gol – genomic mean CAIDelta mean =  $-0.0842$ estimated  $p = 0$ 

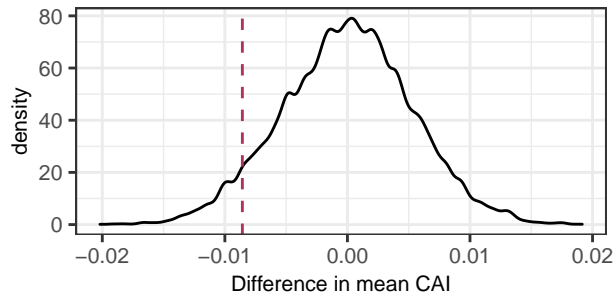
-- means appear different

**B** Sr – permutation test, Gol – genomic mean CAIDelta mean =  $-0.00853$ estimated  $p = 0.122$ 

-- means do not appear different

**C** Ss – permutation test, Gol – genomic mean CAIDelta mean =  $-0.00857$ estimated  $p = 0.109$ 

-- means do not appear different

**D** Sv – permutation test, Gol – genomic mean CAIDelta mean =  $-0.00191$ estimated  $p = 0.698$ 

-- means do not appear different

