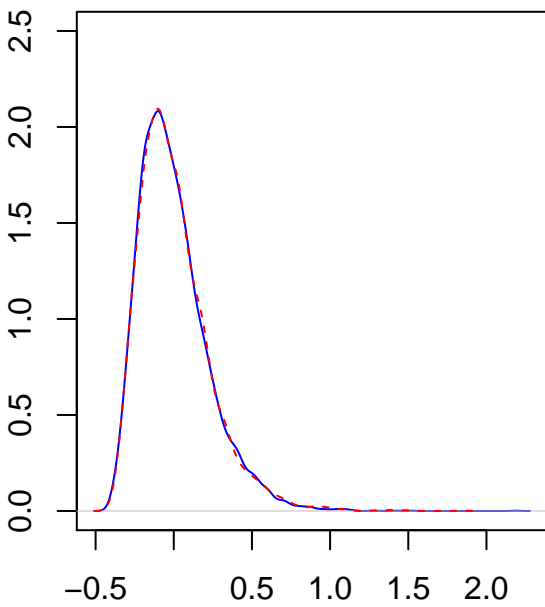**sampling distribution of m1 and m2**

sampling distribution of m1−m2