1/ we expect errors with invalid input OK

With the following data in stage2 NEED REPRESENTATIONS AND COMPARISONS OF WHICH I KNOW THAT SELECTA WILL COME OUT AS REPRA

~~2/ reprNegAPosB.closeA .pos that selectB will be returned as second object~~

benchA<0; bencB>0; selectedA>0 close to benchA; selectedB >0

~~3a/ reprNegAPosB.closeA .neg.above.negAbil that selectB will be returned as second object~~

benchA<0; bencB>0; selectedA<0 close to and > benchA; selectedB<0

~~3b/ reprNegAPosB.closeA .neg.below.negAbil.diffComp that selectB1 will be returned as second object~~

benchA<0; bencB>0; selectedA<0 close to and < benchA; selectedB<0 and different number of comparisons

~~3c/ reprNegAPosB.closeA .neg.below.negAbil.equalComp that selectB1-5 will be returned as second object~~

benchA<0; bencB>0; selectedA<0 close to and < benchA; selectedB<0 and equal number of comparisons

~~3d/ reprNegAPosB.closeA .neg.above.posAbil that selectB will be returned as second object~~

benchA<0; bencB>0; selectedA>0 close to and >benchA; selectedB<0

3e/ reprNegAPosB.closeA .neg.above.zero that selectB will be returned as second object

benchA<0; bencB>0; selectedA<0 close to and >benchA; selectedB=0

selectB should be the one close to benchmarkA, with the least comparisons and the highest fisher info

3f/ reprNegAPosB.closeA .neg.above.equal that selectB will be returned as second object

selectB should be the one close to benchmarkA, with the least comparisons and the highest fisher info

3g/ reprNegAPosB.closeA .neg.above.twoEqual that selectB1-2 will be returned as second object

selectB should be the one close to benchmarkA, with the least comparisons and the highest fisher info

3h/ reprNegAPosB.closeA .neg.twoEqual that selectB1-2 will be returned as second object

selectB should be the one close to benchmarkA, with the least comparisons and the highest fisher info

4/ reprNegAPosB.closeB .pos that selectB will be returned as second object

selectB should be the one close to benchmarkB, with the least comparisons and the highest fisher info

5/ reprNegAPosB.closeB .neg that selectB will be returned as second object

selectB should be the one close to benchmarkB, with the least comparisons and the highest fisher info

6/ reprNegAPosB.middle.pos that selectB1 or selectB2 will be returned as second object

selectB1 should be the one close to benchmarkA, with the least comparisons and the highest fisher info and selectB2 should be the one close to benchmarkB, with the least comparisons and the highest fisher info

7/ reprNegAPosB.middle .neg that selectB1 or selectB2 will be returned as second object

selectB1 should be the one close to benchmarkA, with the least comparisons and the highest fisher info and selectB2 should be the one close to benchmarkB, with the least comparisons and the highest fisher info

8/ reprNegAPosB.closeA .zero that selectB will be returned as second object

selectB should be the one close to benchmarkA, with the least comparisons and the highest fisher info

9/