predicted distribution of full population
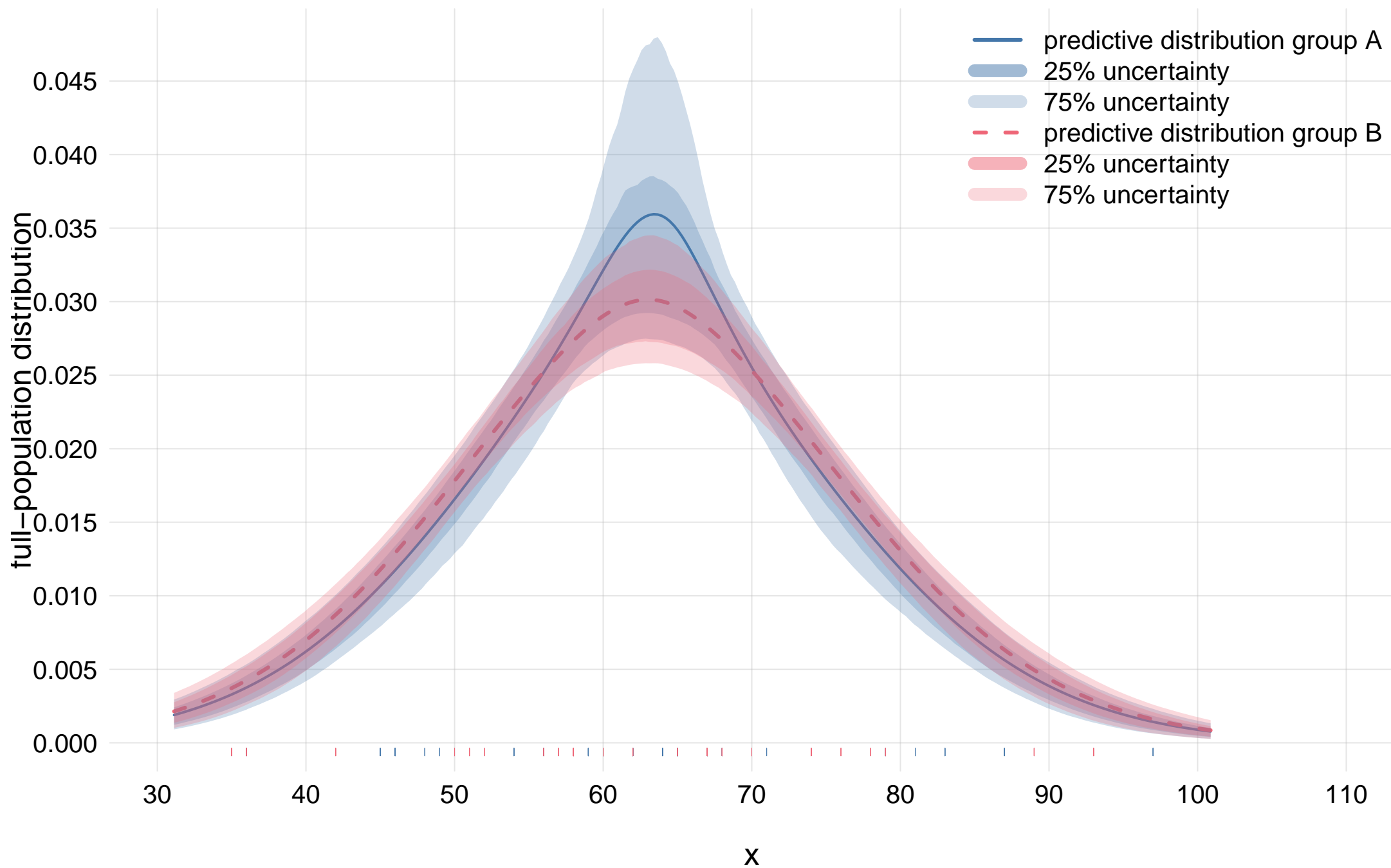
predicted difference between means of groups A and B

expected difference: 0.0068

−1.5 < difference < 1.4
with 90% probability

difference > 0
with 51% probability

probability density

(mean group A) − (mean group B)
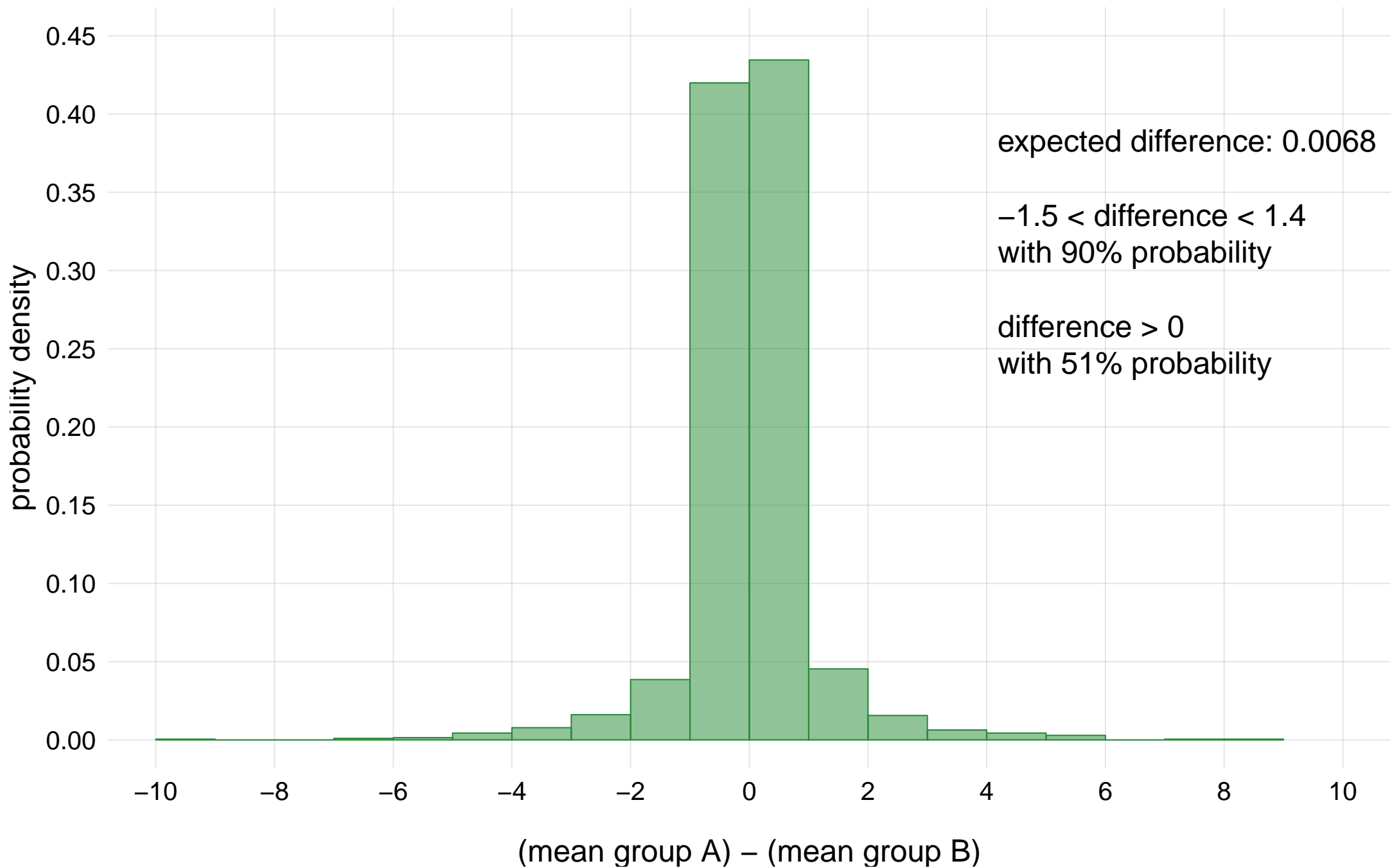
predicted difference between variances of groups A and B

expected difference: −15±64

−100 < difference < 55
with 90% probability

difference > 0
with 29% probability

probability density

(variance group A) − (variance group B)