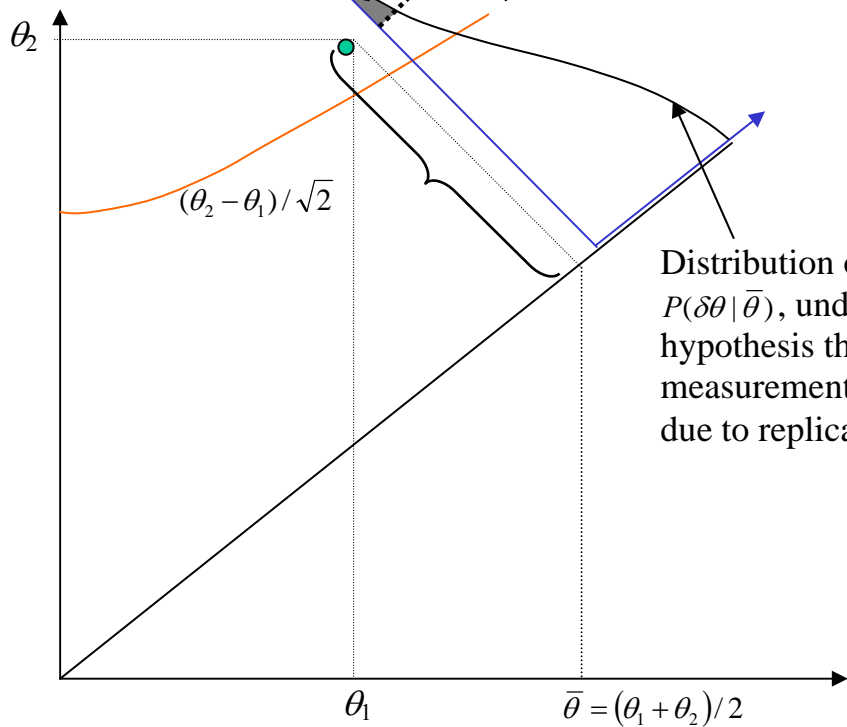


The grey area under the distribution is the p -value of the pair of measurements.

Line corresponding to the user given p -value.



Distribution of $\delta\theta$ given $\bar{\theta}$
 $P(\delta\theta | \bar{\theta})$, under the null hypothesis that the pair of measurements differ only due to replicate noise.