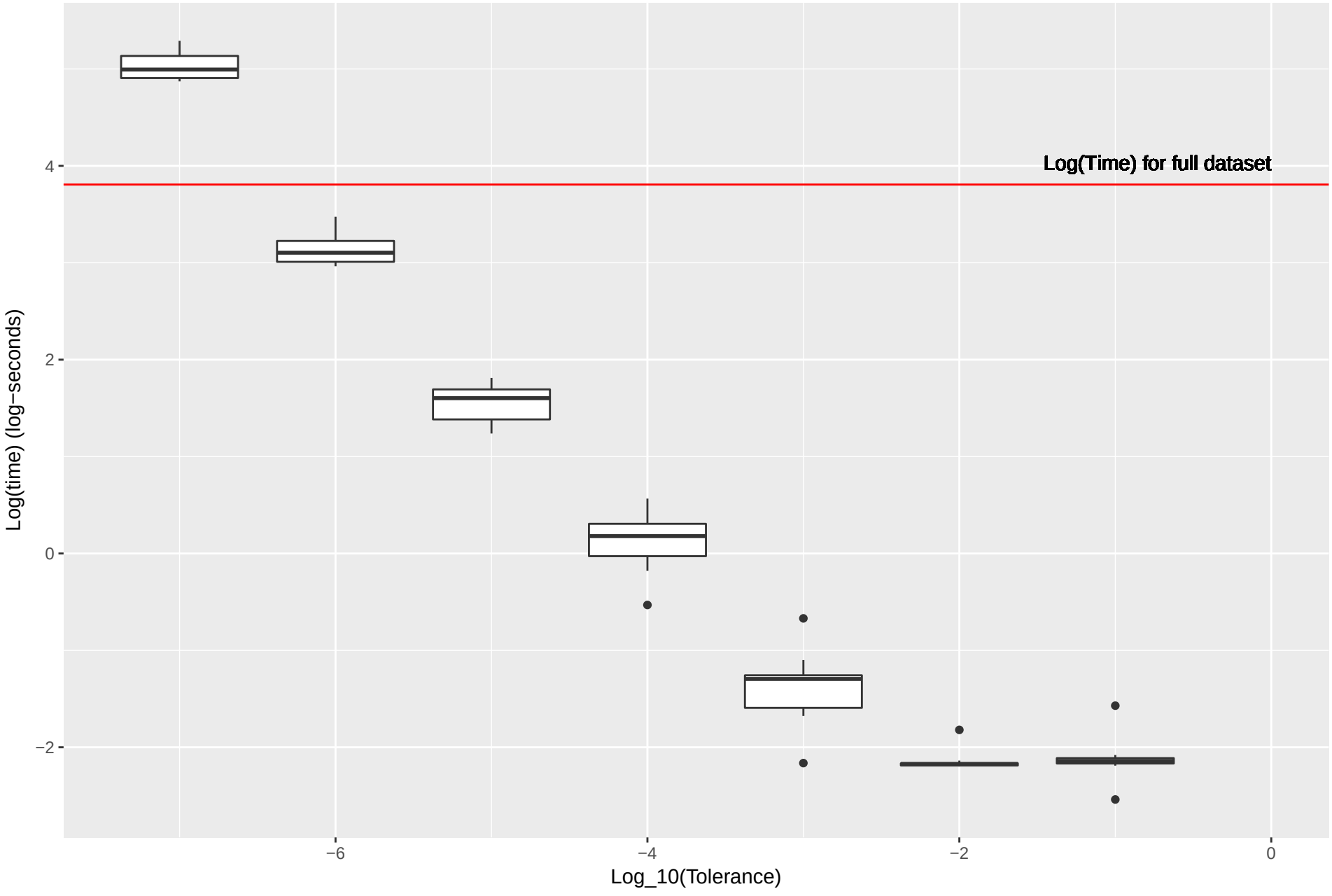Time complexity (in log−seconds) of distribution subsampling by tolerance