A need for combining probability distribution arises in many decision-theoretical problems. In this work we follow articles [14] and [15] in pursuing the supra Bayesian approach [9]. A method for combining nite discrete distributions is introduced, as well as a way to deal with incomplete information and bounded continuous distributions. In the discrete case our approach is along the lines of, but di erent at a few key points from the thesis [20]. The result is a shifted arithmetic mean of pmfs, which is discrepant from the usual arithmetic pooling (see [9] for details).