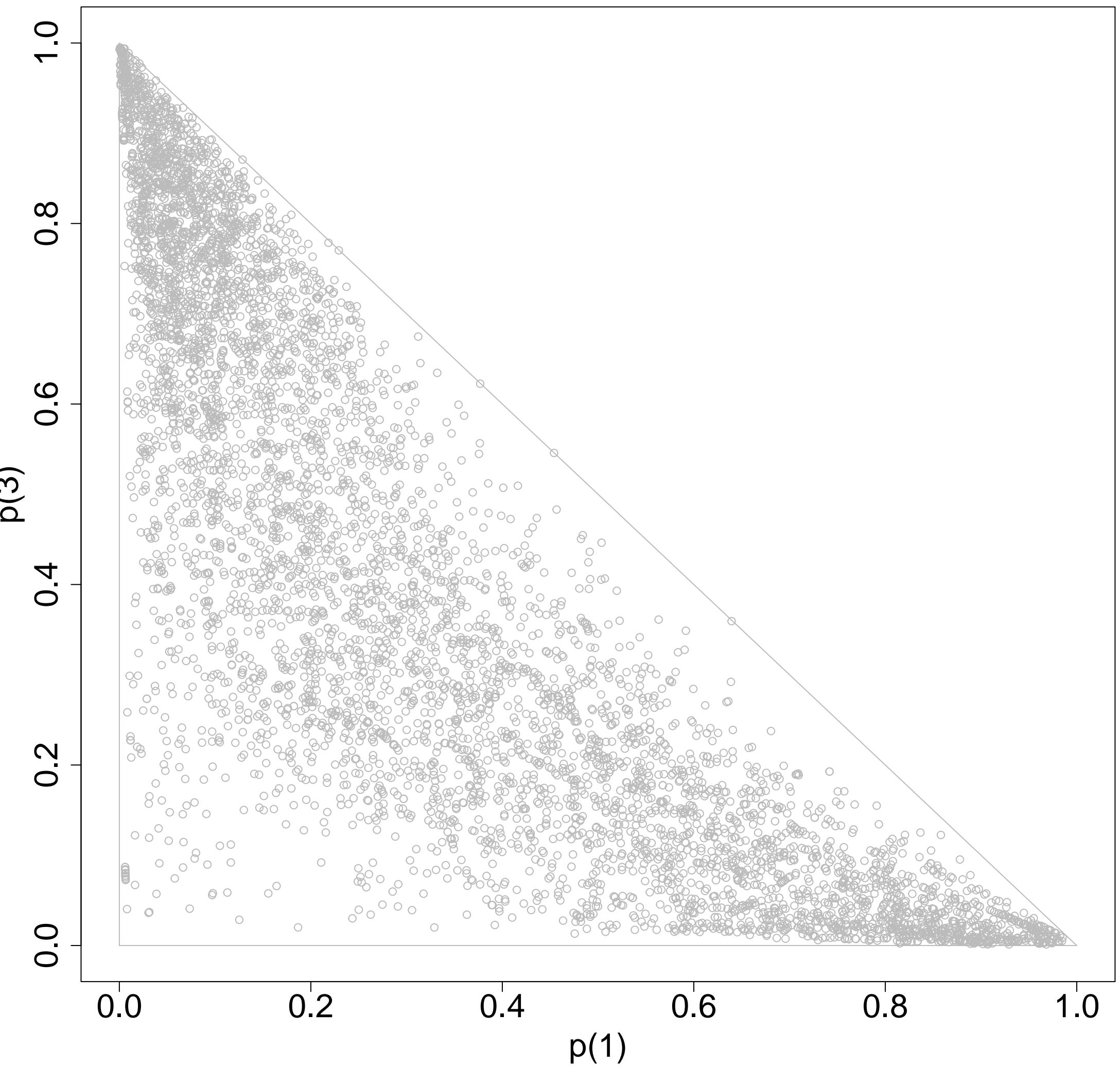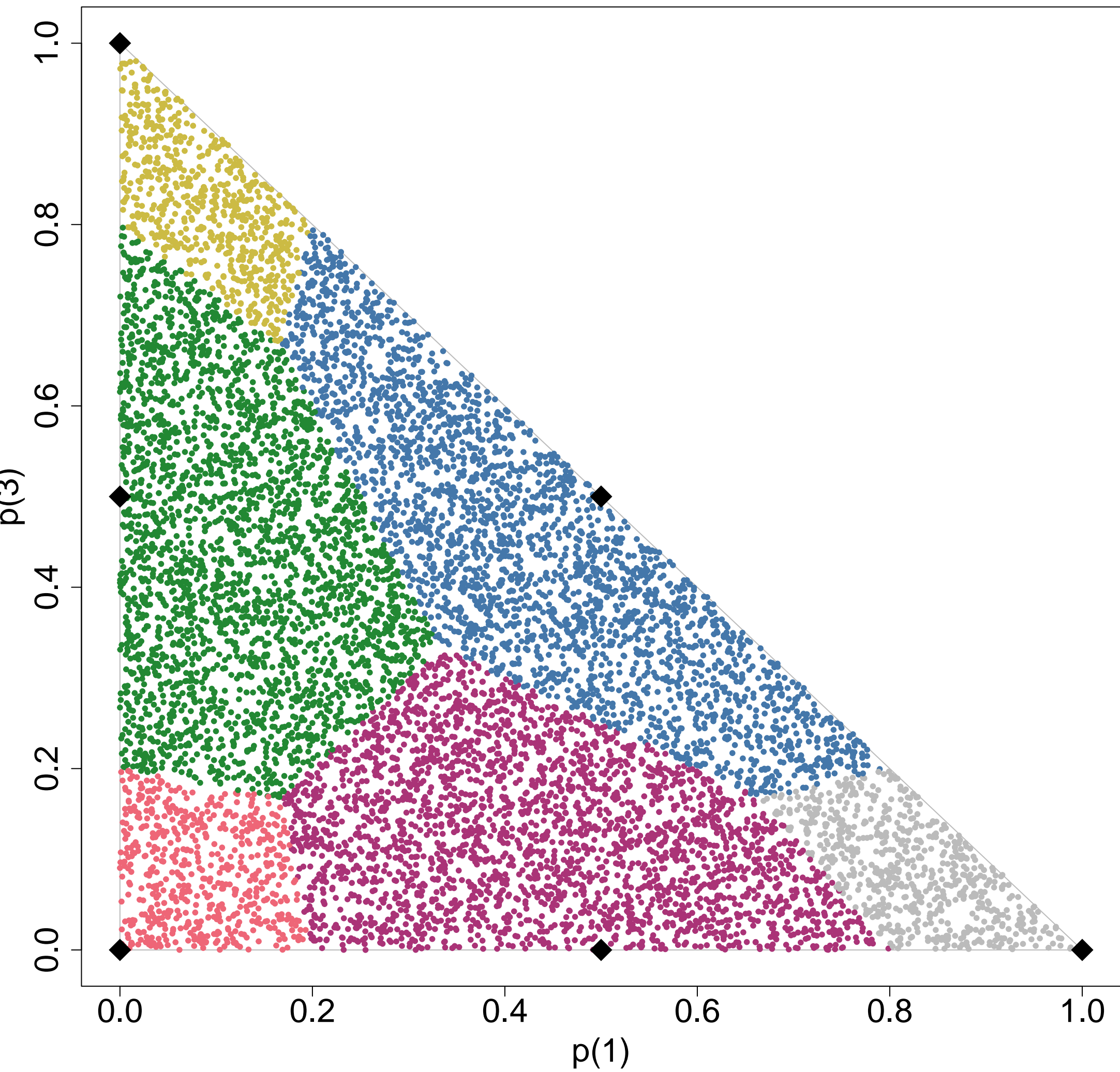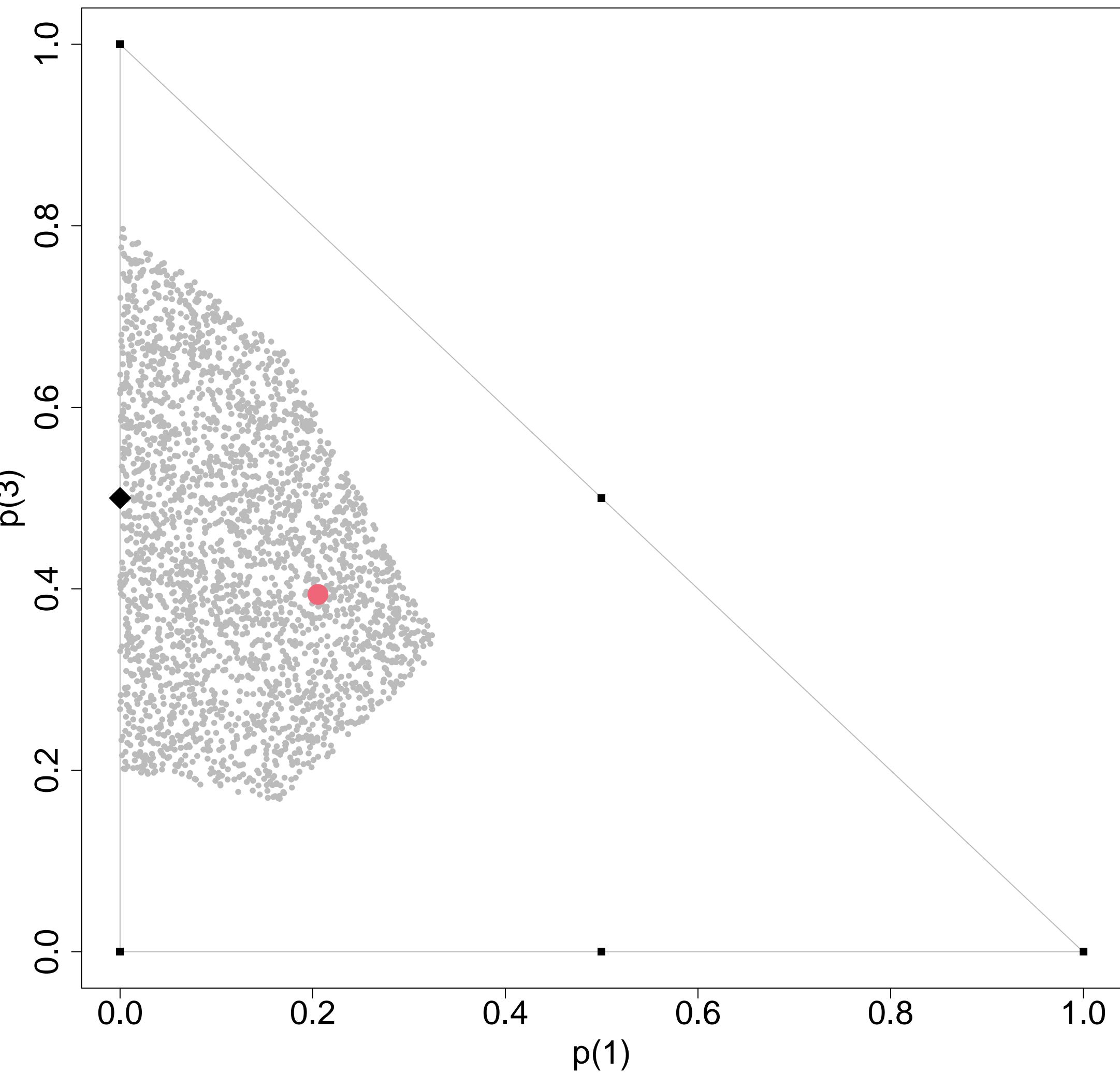**distribution of posterior probabilities**
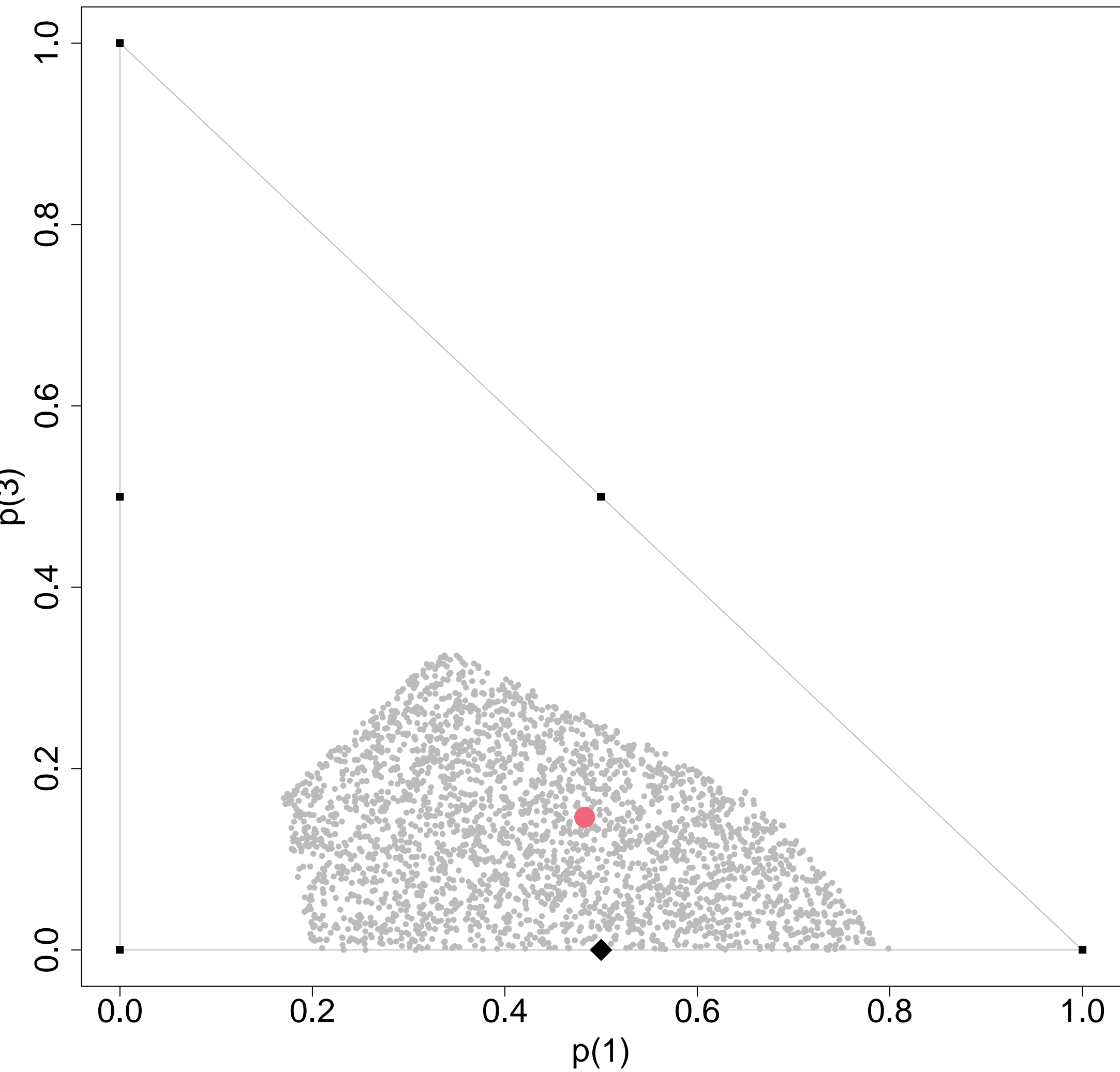
binning of probability simplex
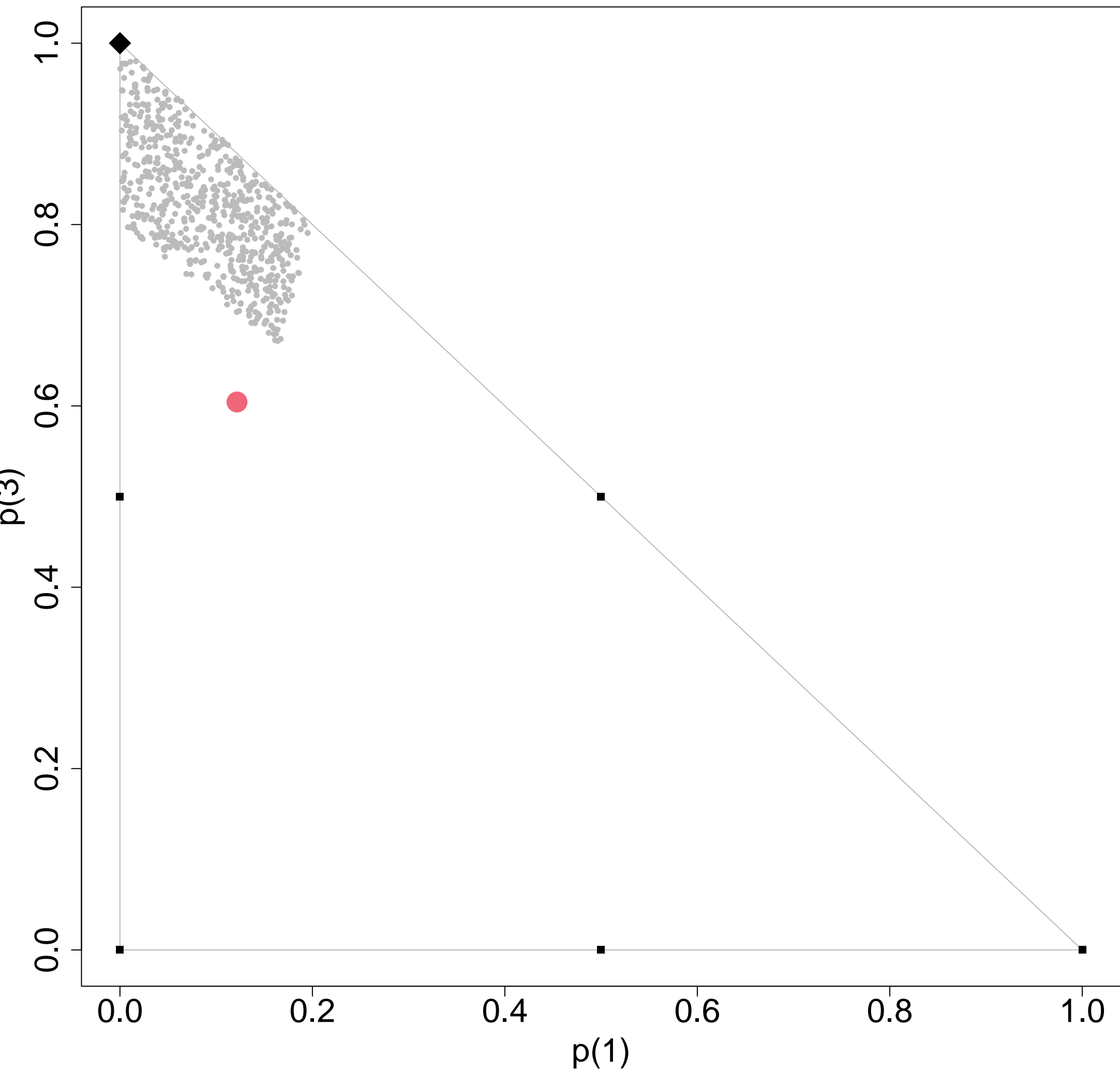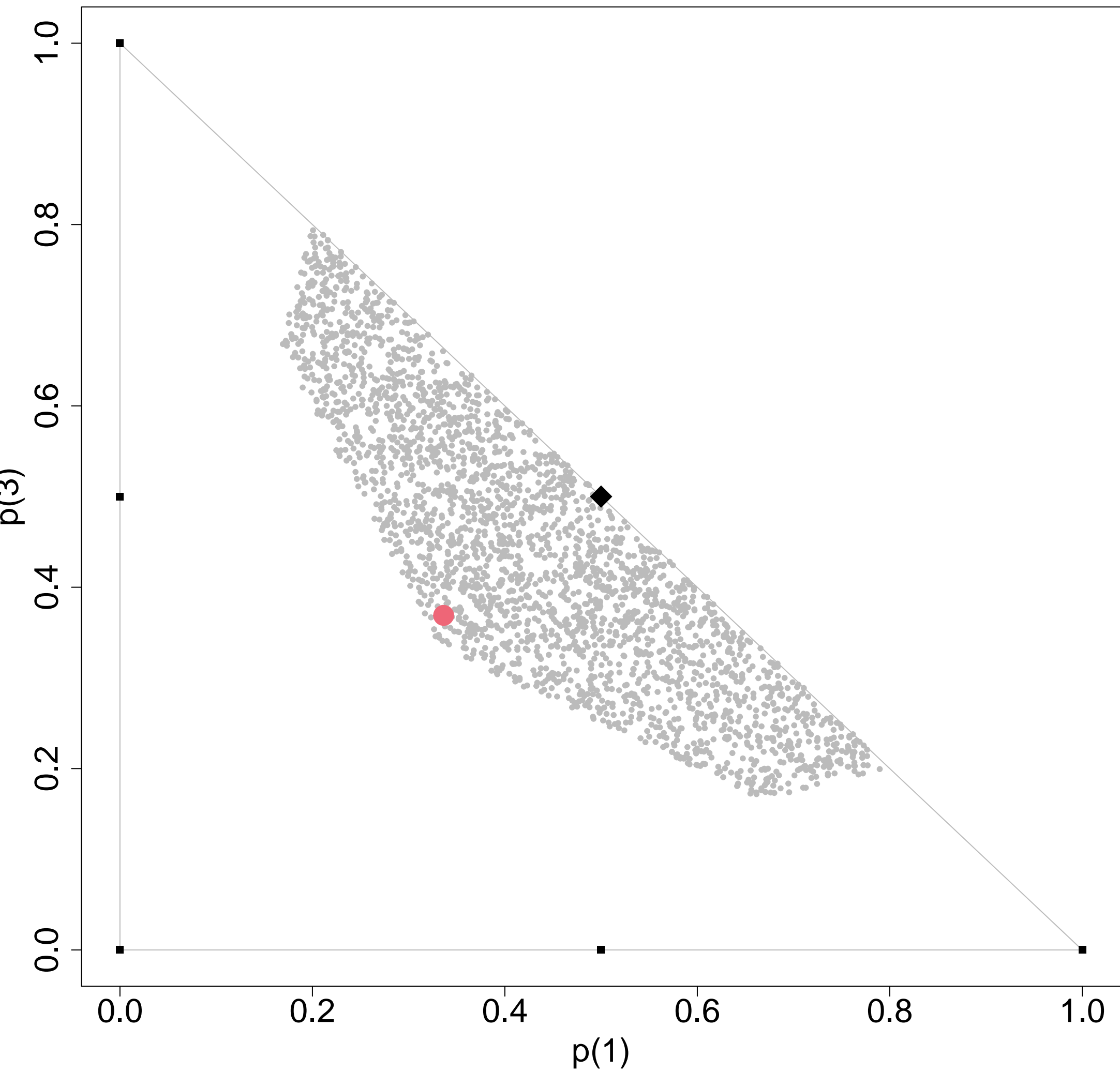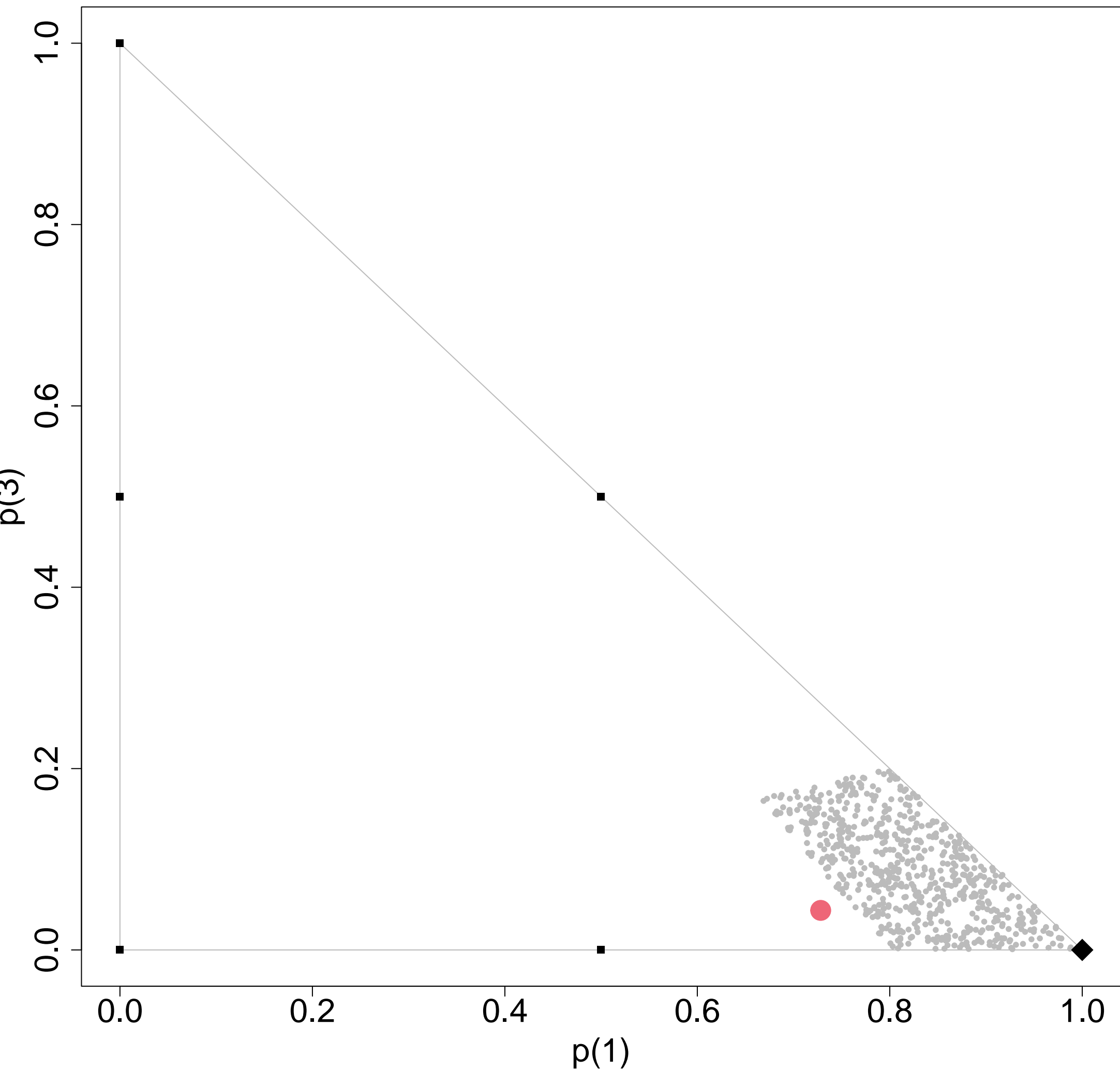
W = 1694

W = 1497

W = 1299

W = 767

W = 688

W = 55