Bayes

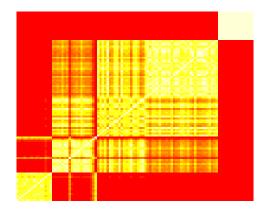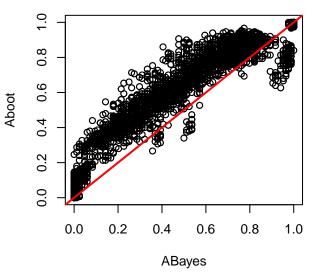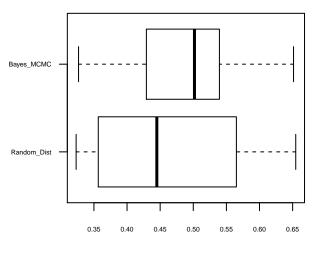**random_weight**