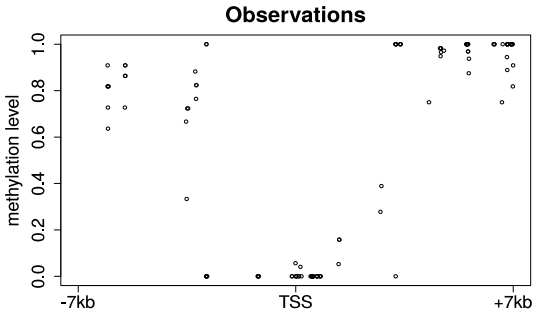
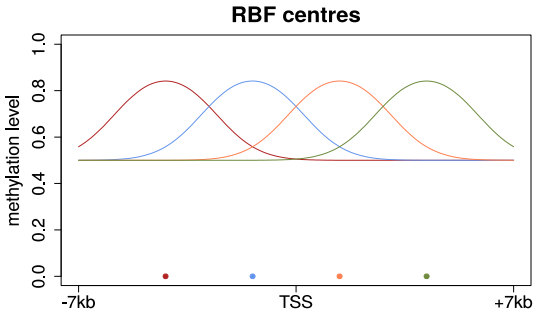
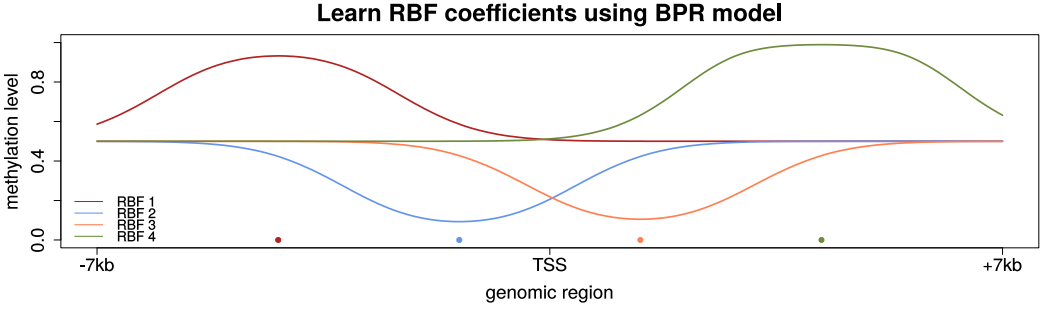
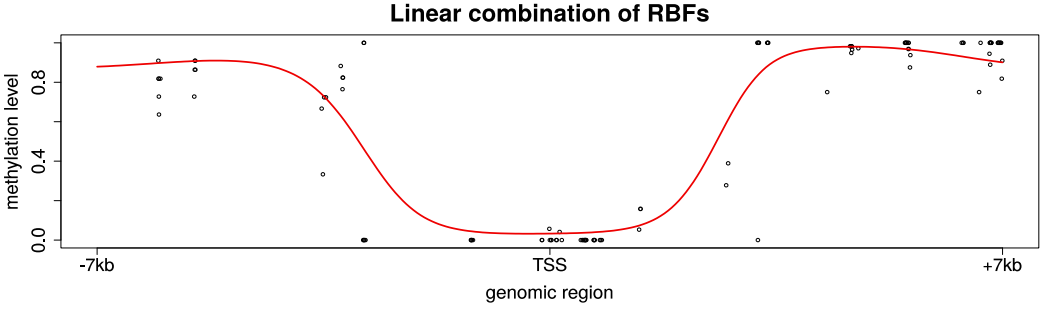
Input







Output