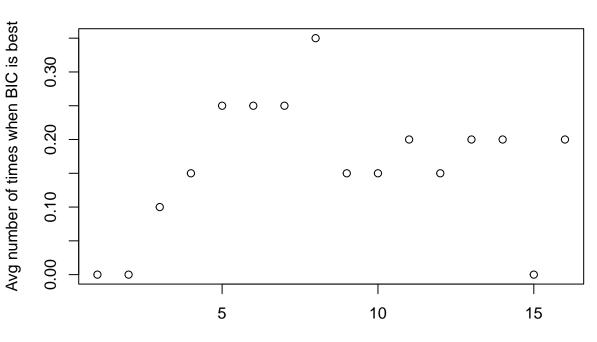performance of BIC compared to others