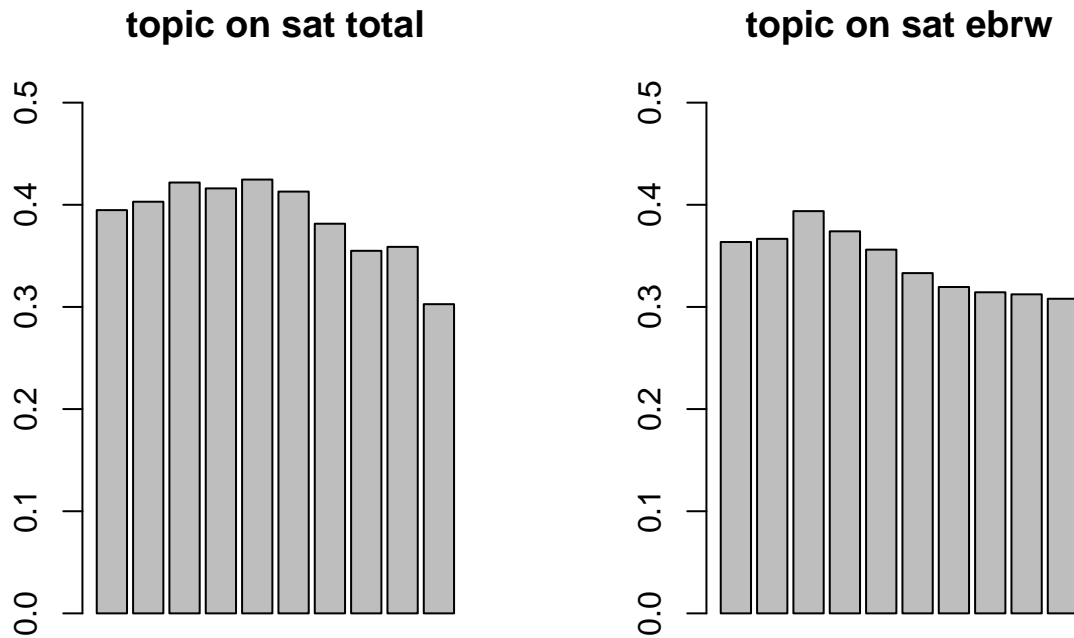


# within income decile topics and dictionary pattern on sat total & ebrw & math

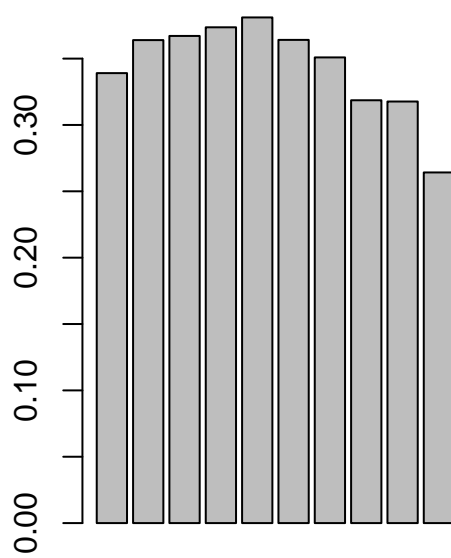
Chongjun Liao

11/29/2021

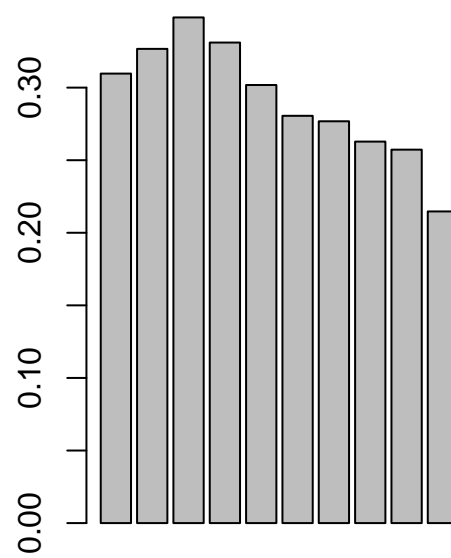
Within income decile, we compare the variation explained by the regression of topics or dictionary patterns on SAT EBRW scores and SAT math scores to variation explained by the regression of topics or dictionary patterns on SAT total scores. In general, the regressions of topics and regression of dictionary patterns on explain more variation of SAT total scores than SAT math scores or SAT EBRW scores. Besides, the regressions explain less variation of total score and EBRW scores for those who reported high household income and explains more variation of math scores for those who reported medium household income.



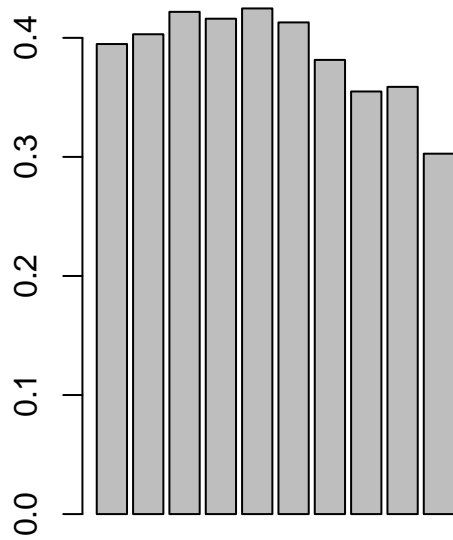
**dictionary pattern on sat total**



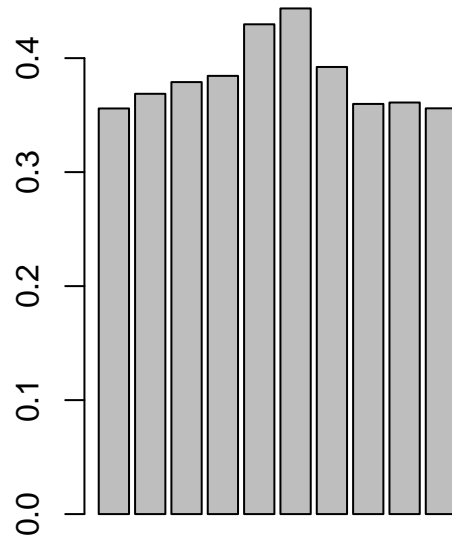
**dictionary pattern on sat ebrw**



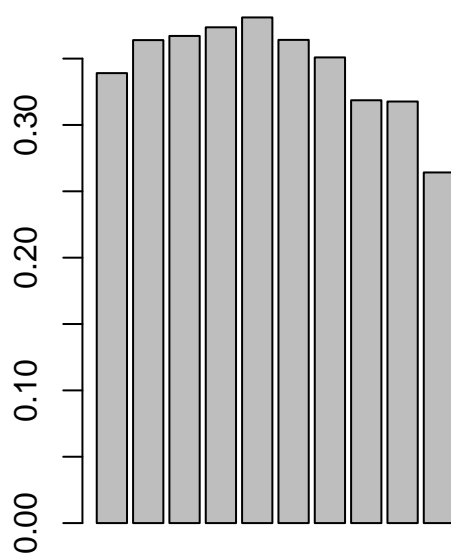
**topic on sat total**



**topic on sat math**



**dictionary pattern on sat total**



**dictionary pattern on sat math**

