Model 1

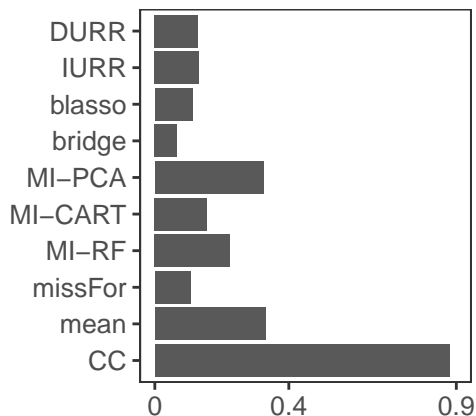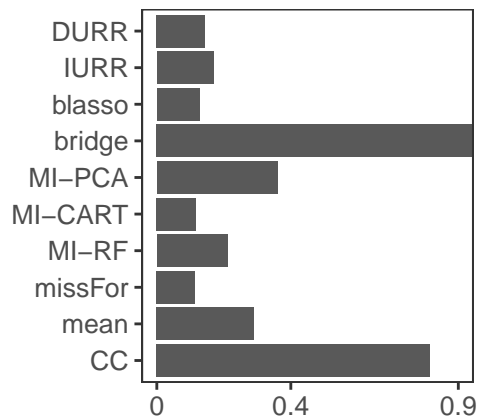### a) Condition 1: n = 1000

b) Condition 2: n = 300

Model 2