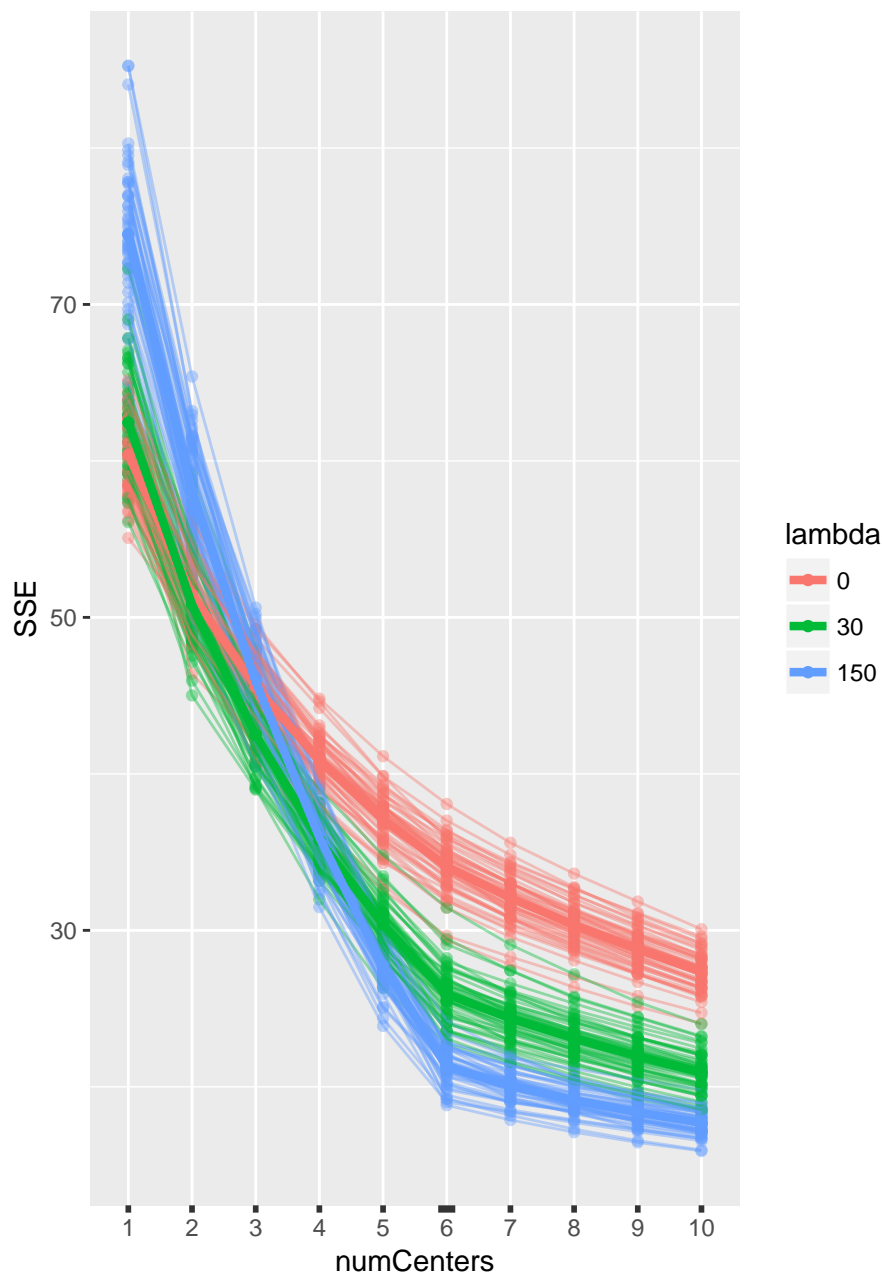


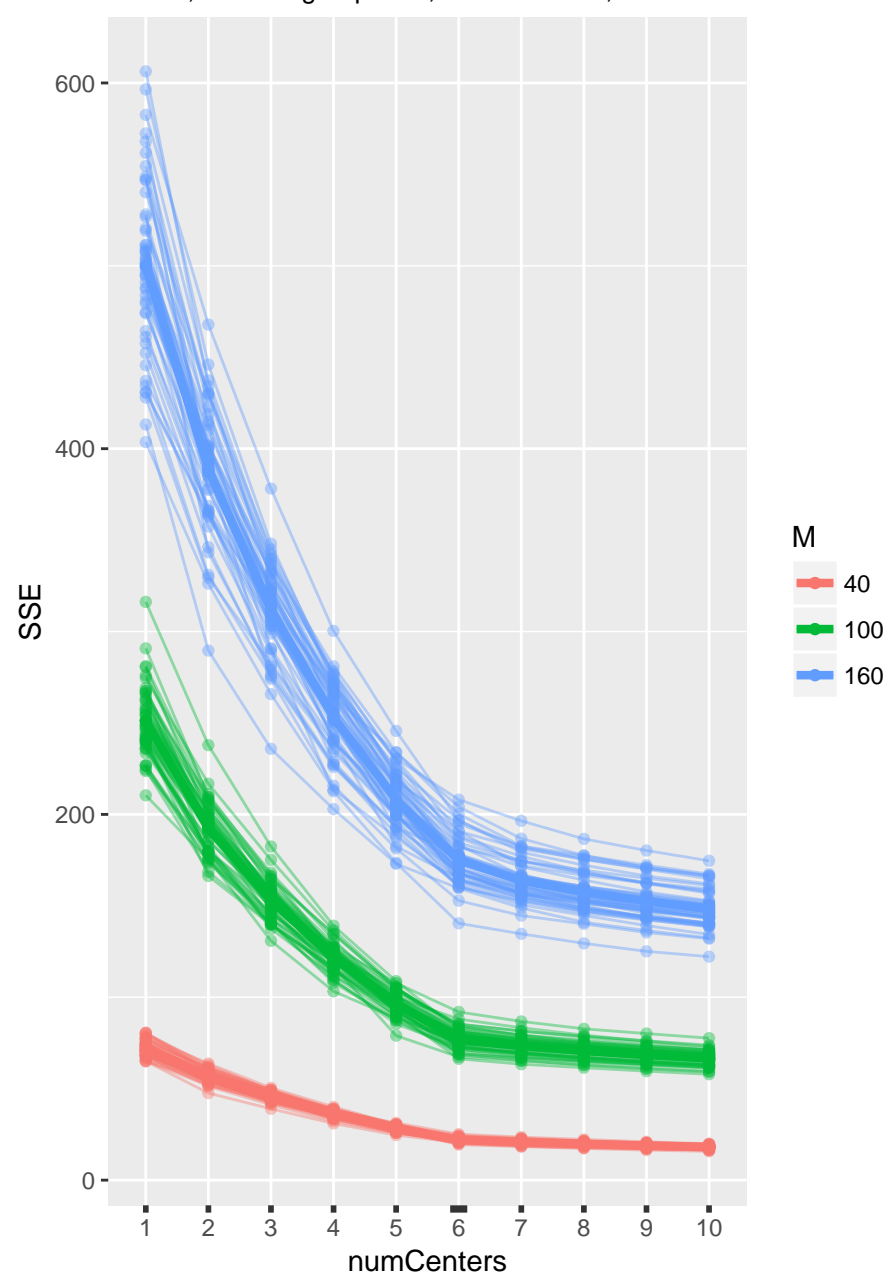
### Effect of Interaction Rate on SSE of K-Means

$M = 40$ ,  $N = 20$ , numSubgroups = 6, univ = 1



### Effect of Number of Samples on SSE of K-Means

$N = 20$ , numSubgroups = 6,  $\lambda = 100$ , univ = 1



### Effect of Number of Subgroups on SSE of K-Means

$M = 40$ ,  $N = 20$ ,  $\lambda = 0$ , univ = 1

