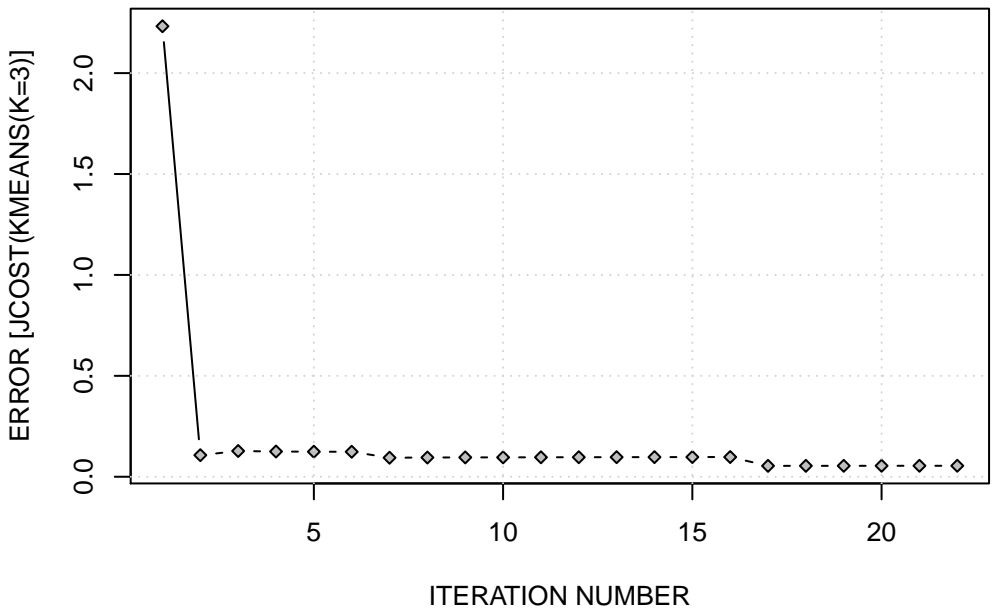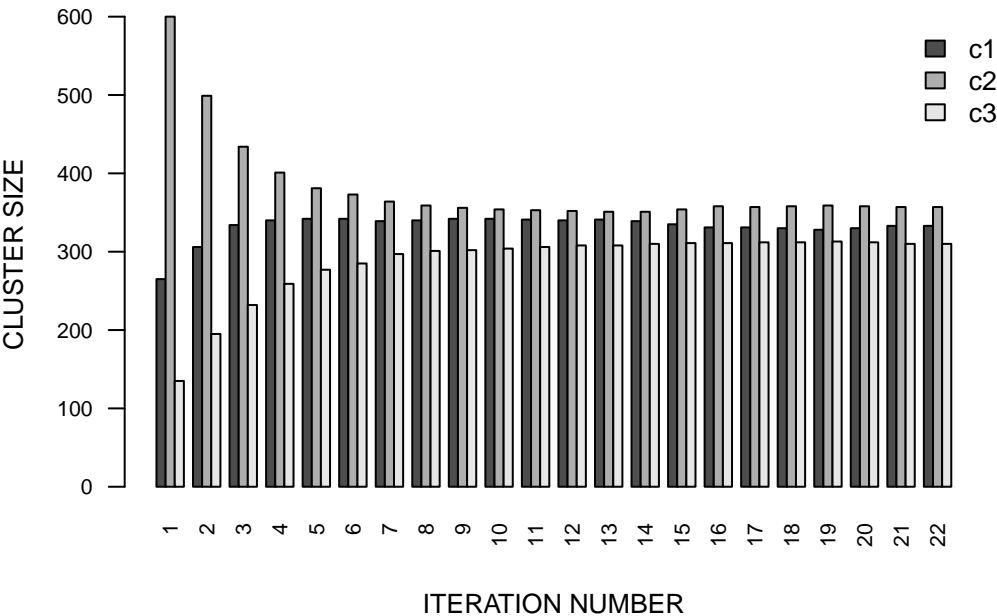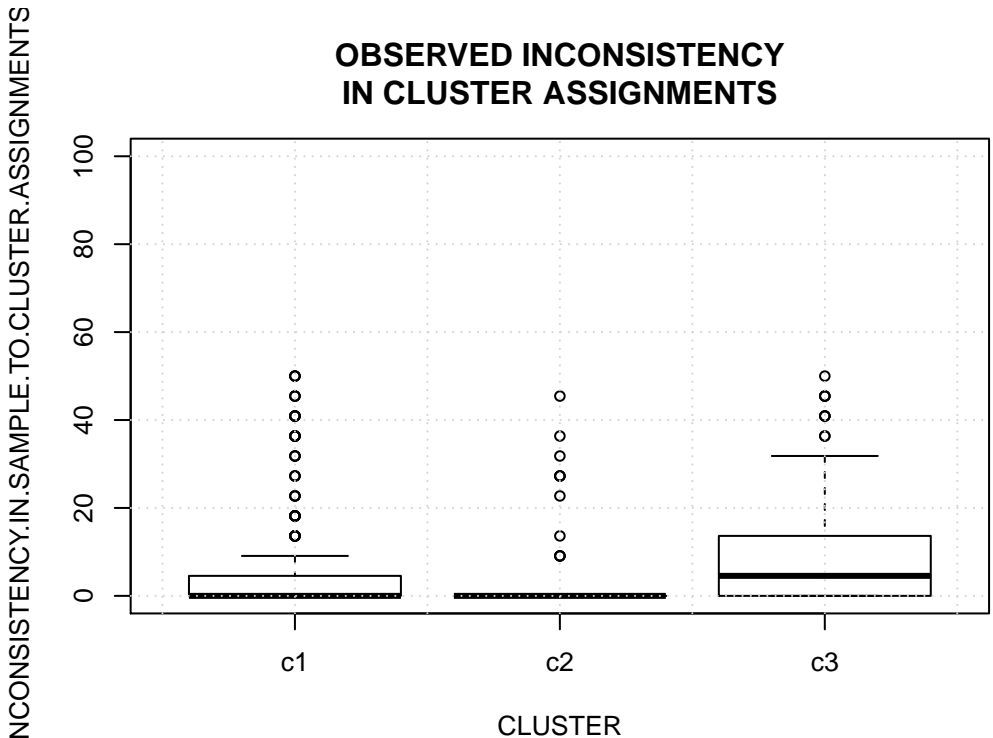**ERROR BEING MINIMIZED BY SAMPLE−TO−CLUSTER ASSIGNMENTS AT EACH ITERATION**
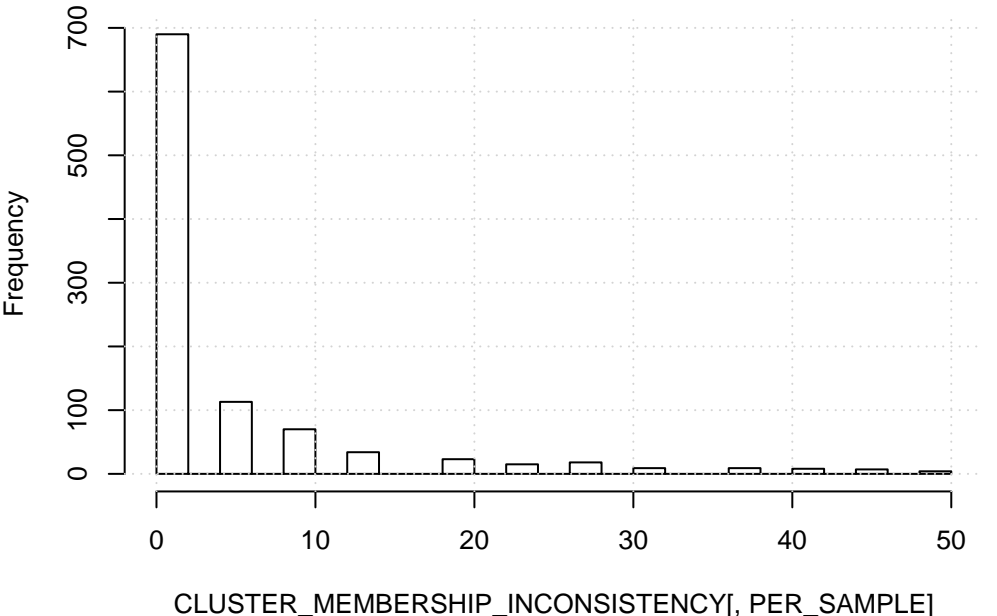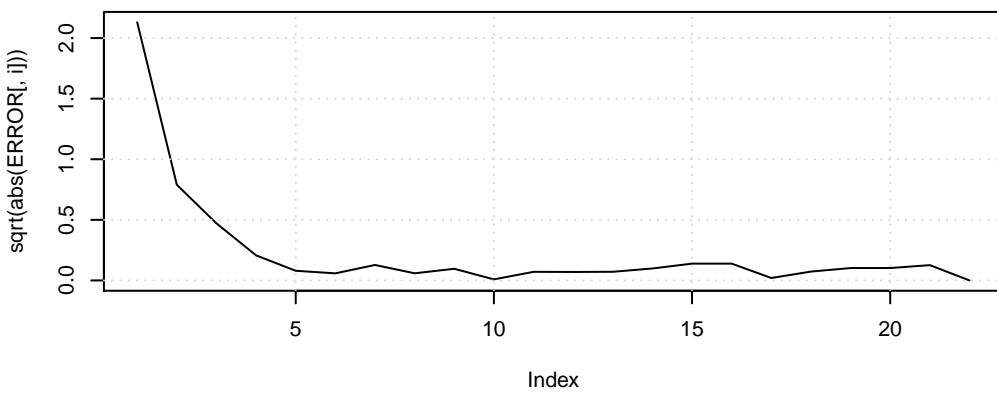
CLUSTER SIZE AT EACH ITERATION

OBSERVED INCONSISTENCY IN CLUSTER ASSIGNMENTS
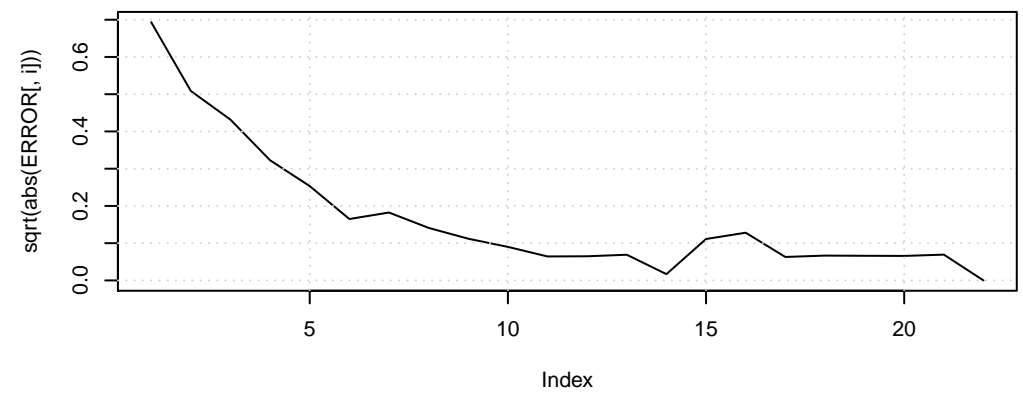
FREQUENCY OF OBSERVED INCONSISTENCY IN CLUSTER ASSIGNMENTS

MOVEMENT OF CENTROID: c1
AT EACH ITERATION

MOVEMENT OF CENTROID: c2
AT EACH ITERATION

MOVEMENT OF CENTROID: c3
AT EACH ITERATION