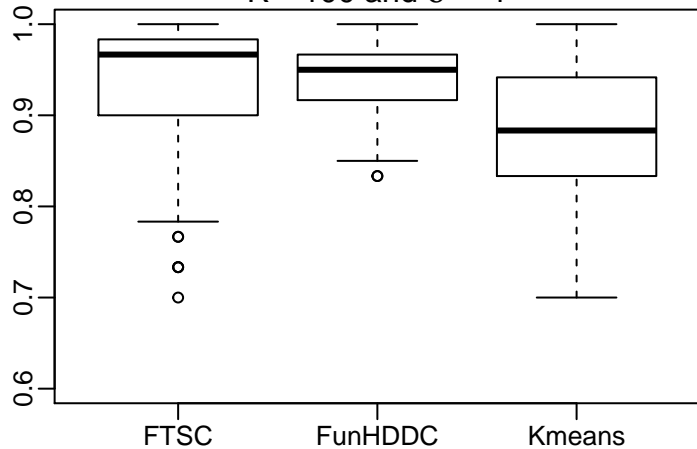
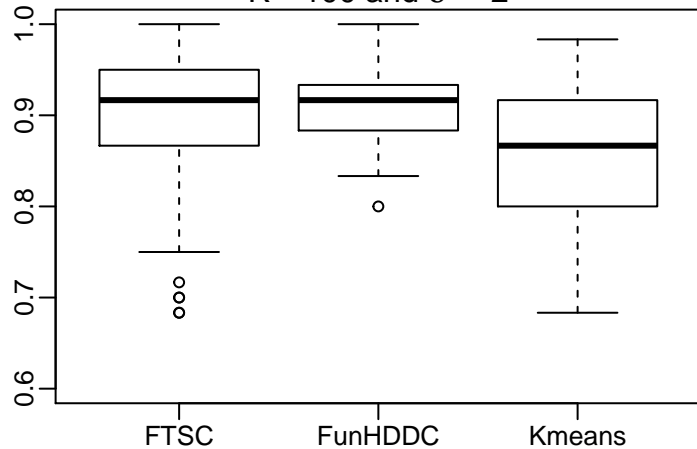


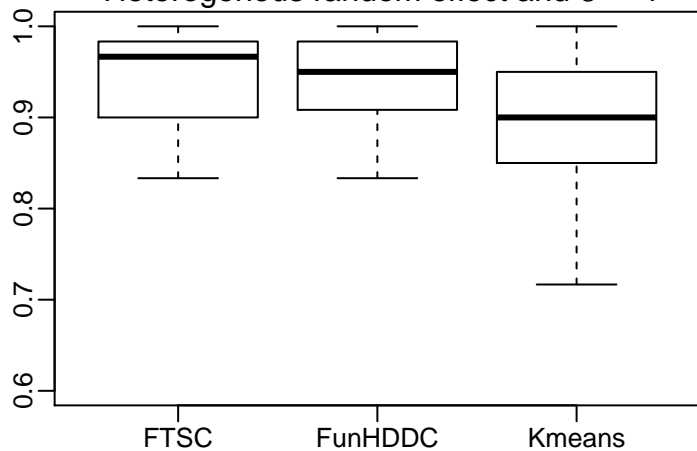
R = 100 and $\sigma^{\epsilon} = 1$



R = 100 and $\sigma^{\epsilon} = 2$



Heterogenous random effect and $\sigma^{\epsilon} = 1$



Heterogenous random effect and $\sigma^{\epsilon} = 2$

