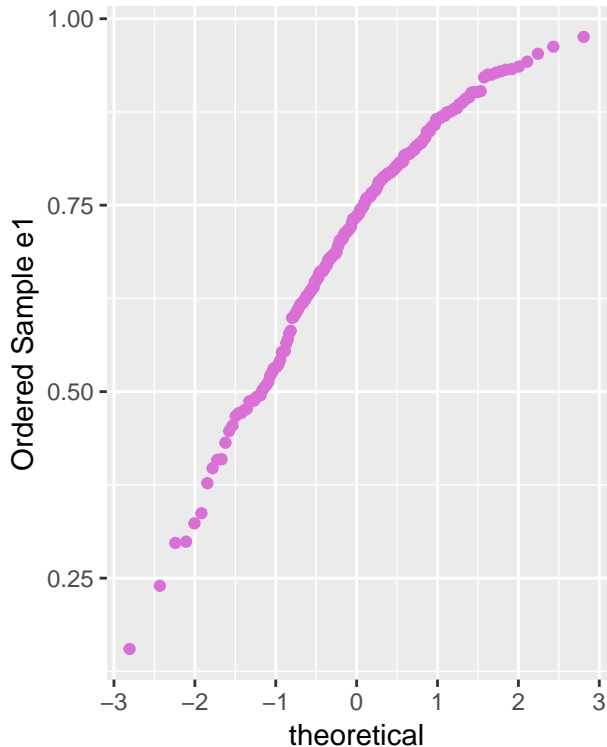200 observations from simulated Beta distributions

Beta(5,2) sample

Beta(1,5) sample