1. cats
   a. quantile(cats$Bwt)
      output:
         0%   25%   50%   75% 100%
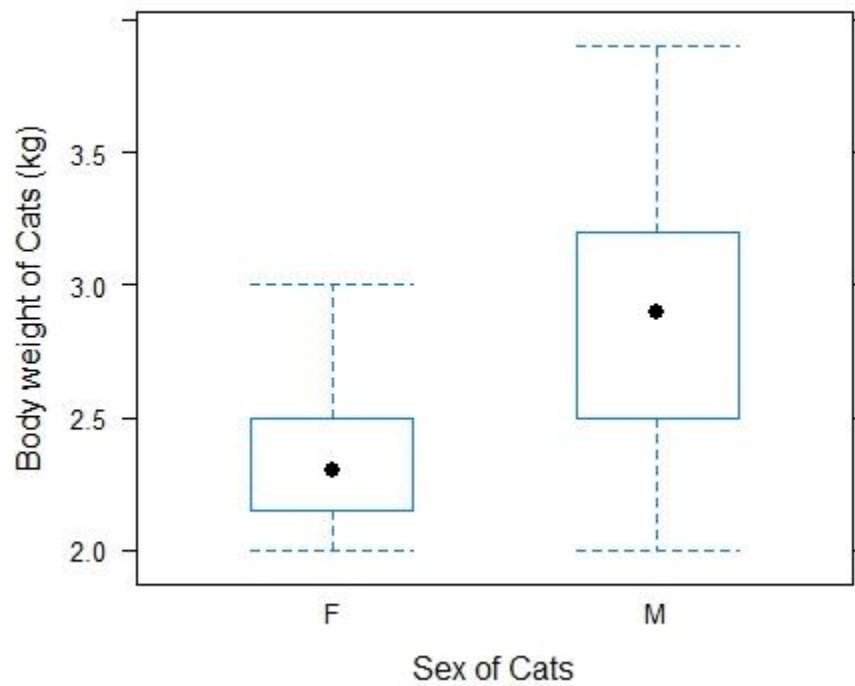   2.000 2.300 2.700 3.025 3.900
      larger than 3.025
   b. maleCats=filter(cats, cats$Sex == "M")
   c. mean(cats$Bwt > 3.025)
      [1] 0.25 (25% of cats have body weight larger than 75%)

   d. bwplot(Bwt~Sex, data= cats, xlab = "Sex of Cats", ylab =
      "Body weight of Cats (kg)", main = "Body Weights of Cats of
      Different Sex")

Body Weights of Cats of Different Sex

2.