

### **R-Homework1 (Due: 2012.09.24)**

1. Generate 4 sets data (each with 5000 observations) from the following distributions and plot their histograms (make sure there are enough bins). Compare the 1%, 5%, and 10% critical values of these generated distributions with those in statistical tables.
  - (1) A central chi-squared (1) distribution
  - (2) A non-central chi-squared (1) distribution
  - (3) Student t(1) distribution
  - (4) Student t(5) distribution