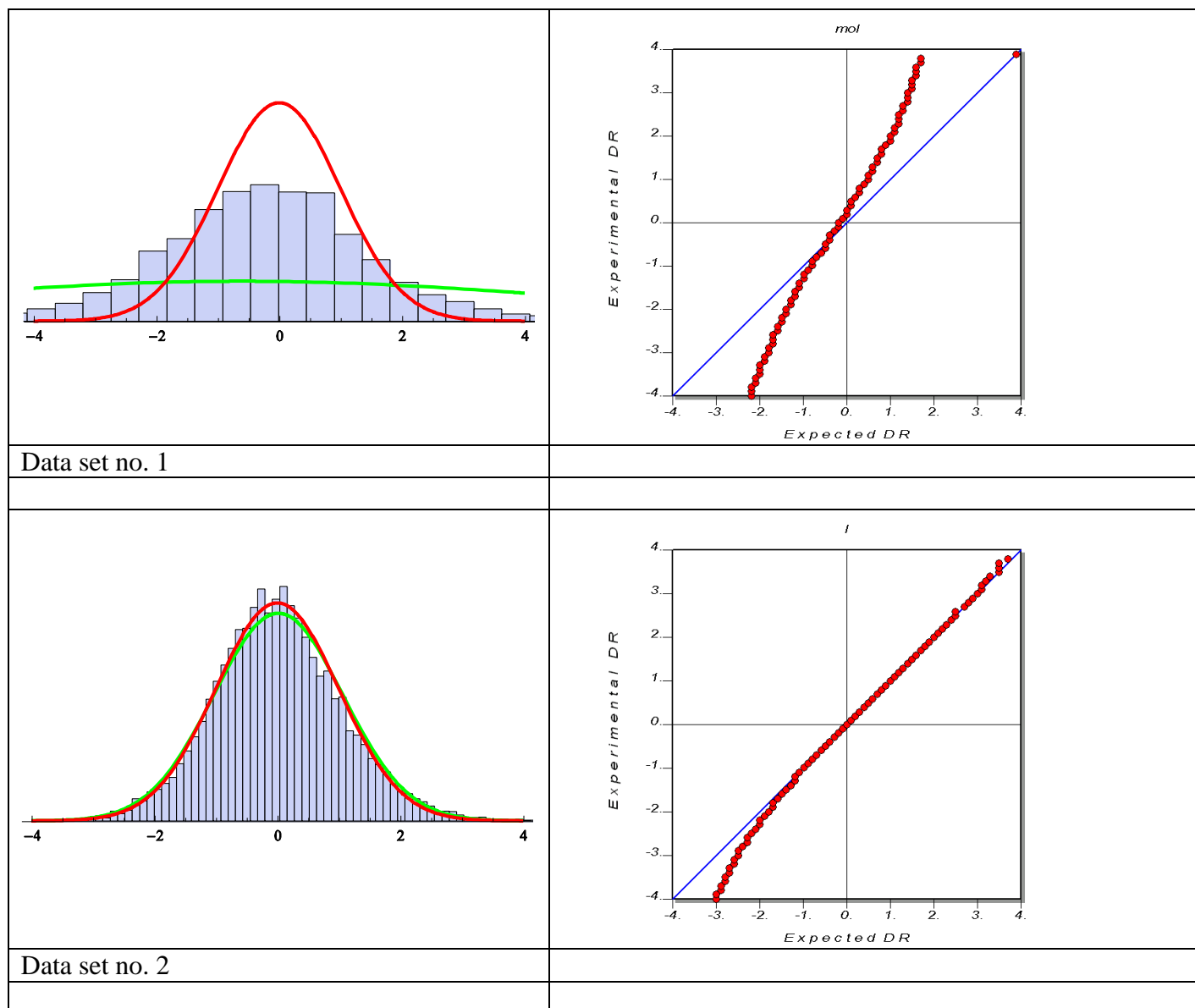
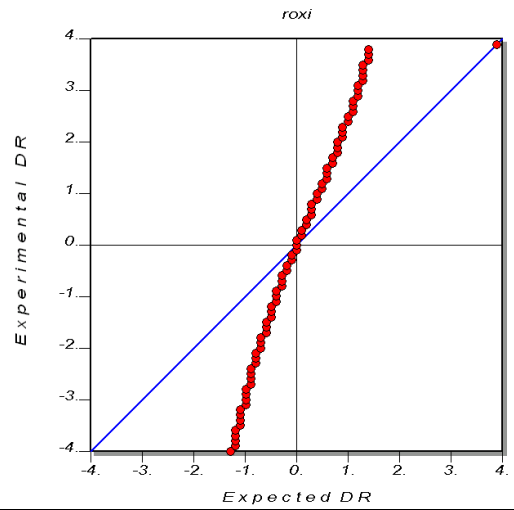
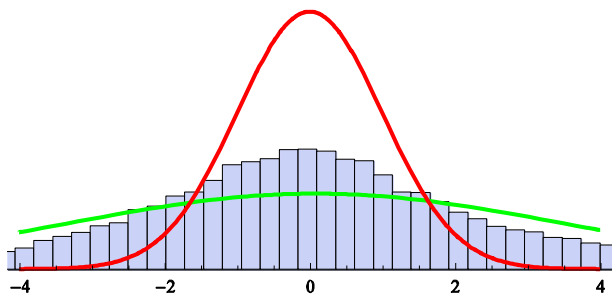
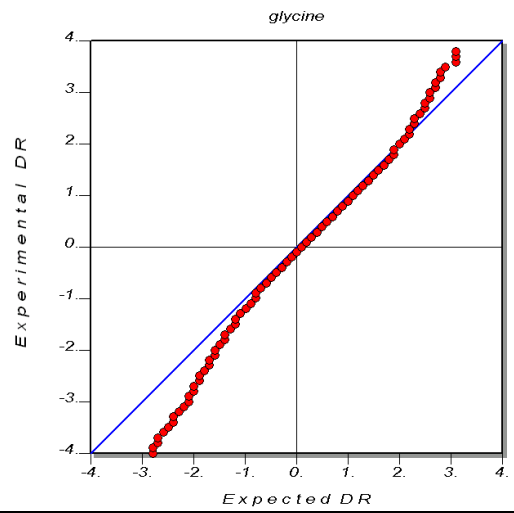
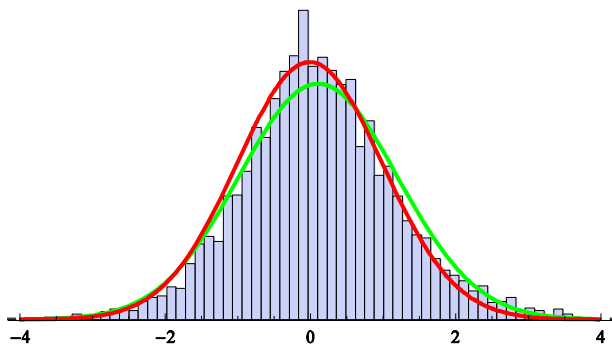


Supplement: Left column: Probability density histograms (blue bars) of all data sets. The red curves give the probability density function of a normal distribution with mean zero and variance one, the green line gives the probability density function of a normal distribution with mean and variance as obtained from the set of residuals. Right column: normal probability plots of data sets 1-23. These are obtained from the DRK-plot software implemented in WinGX v 1.80.05 by A. Stash with modifications by L.J. Farrugia. For more information on normal probability plots see *Acta Cryst.* (1971), A **27**, 157.

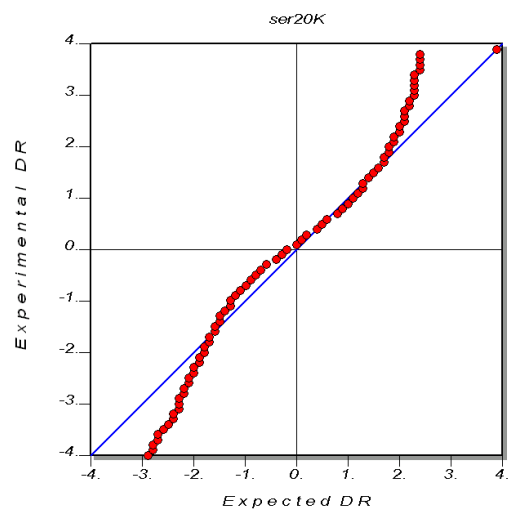
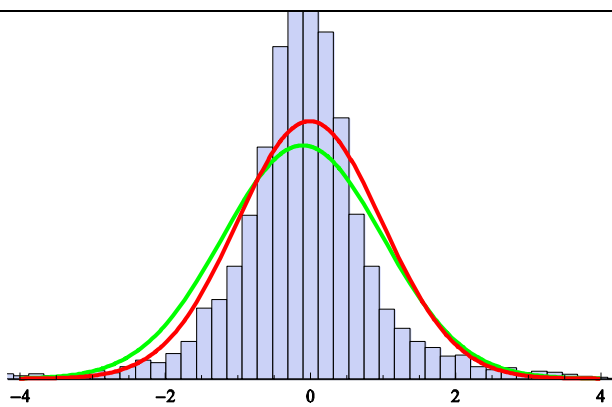




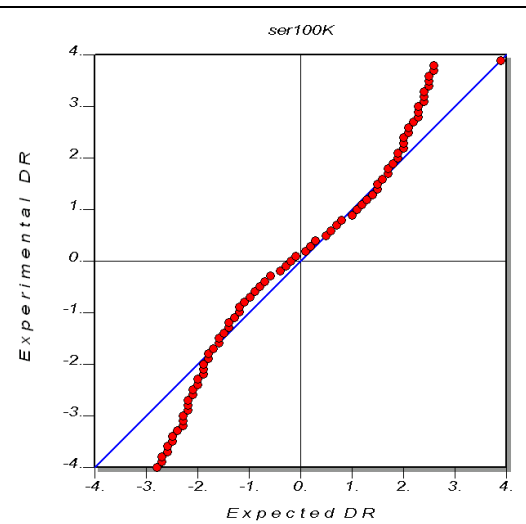
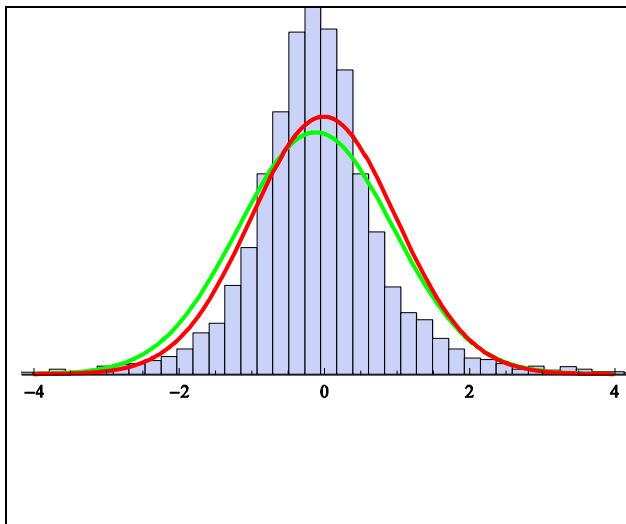
Data set no. 3



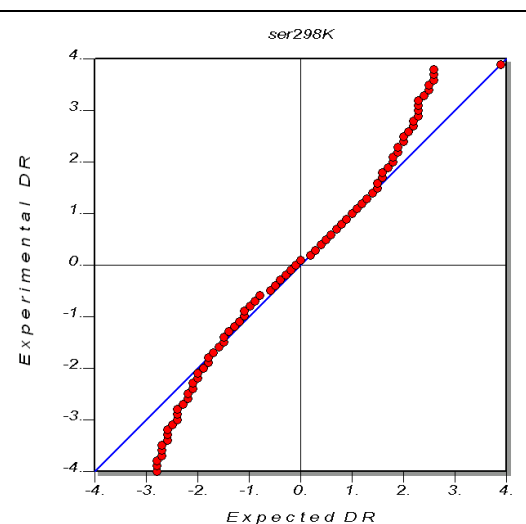
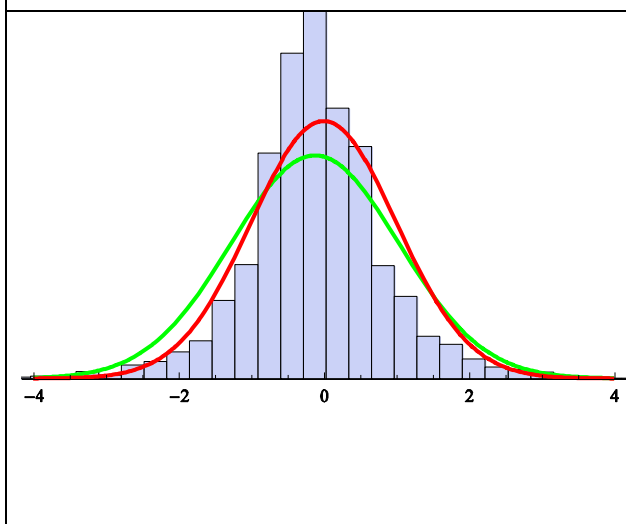
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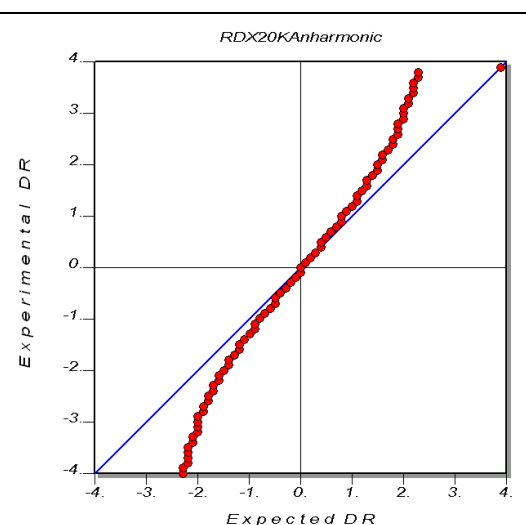
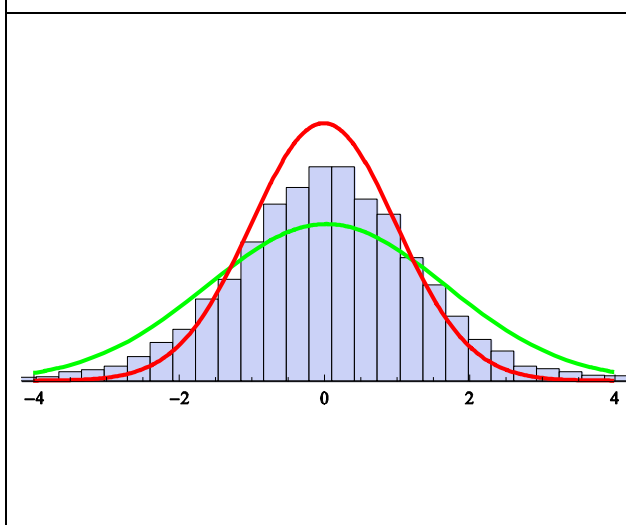
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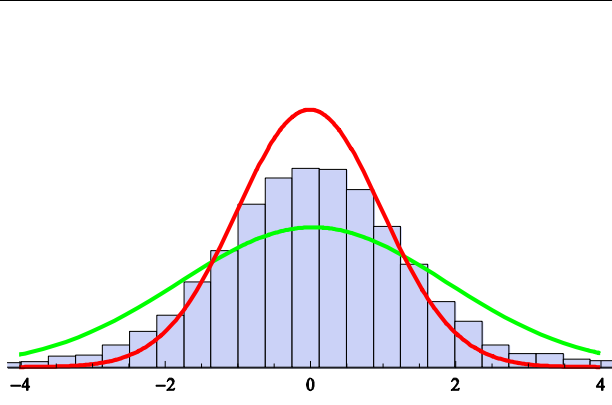
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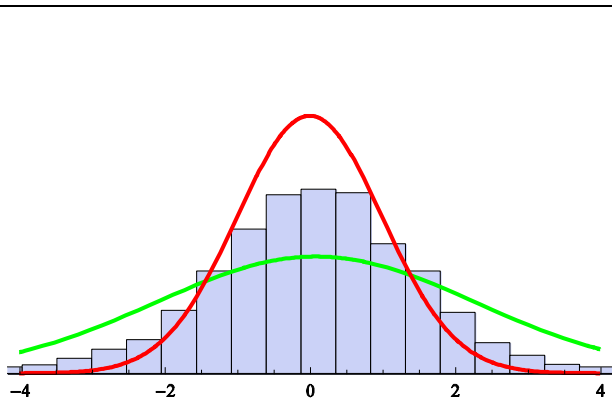
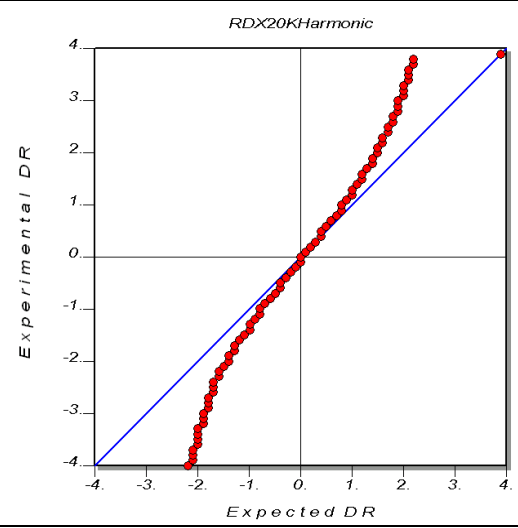
Data set no.7



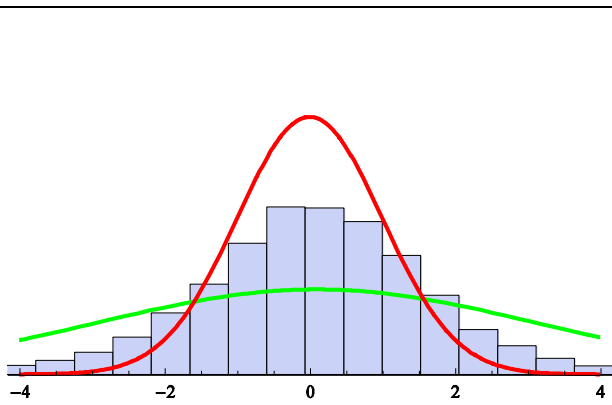
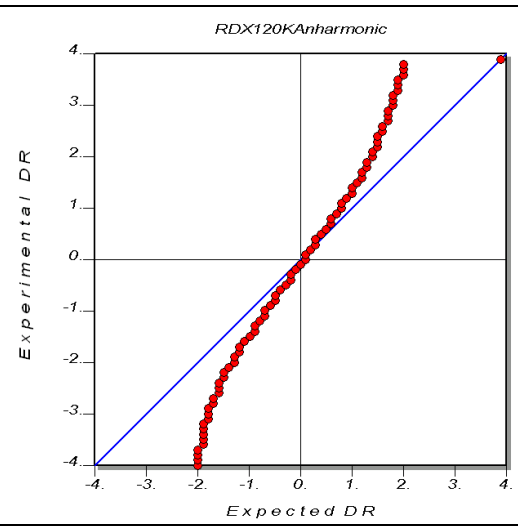
Data set no.8



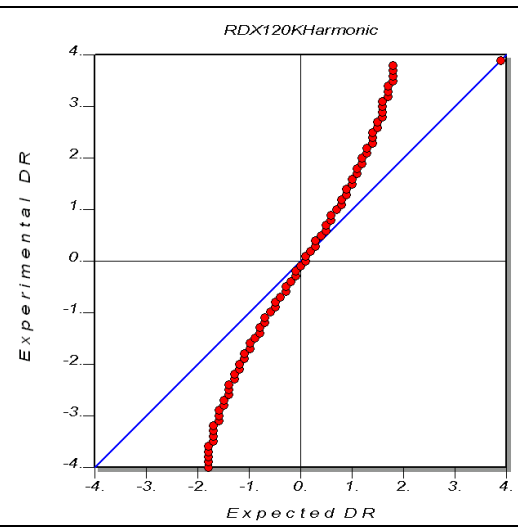
Data set no.9

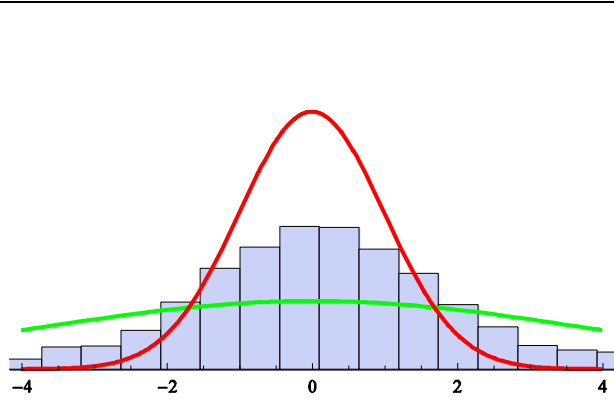


Data set no.10

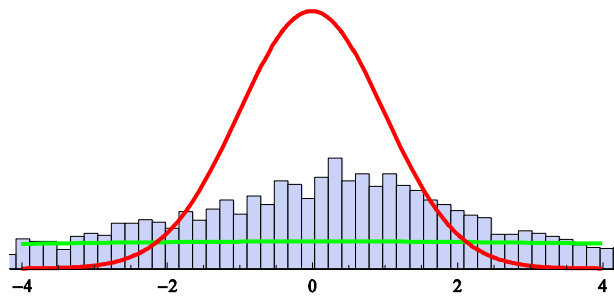
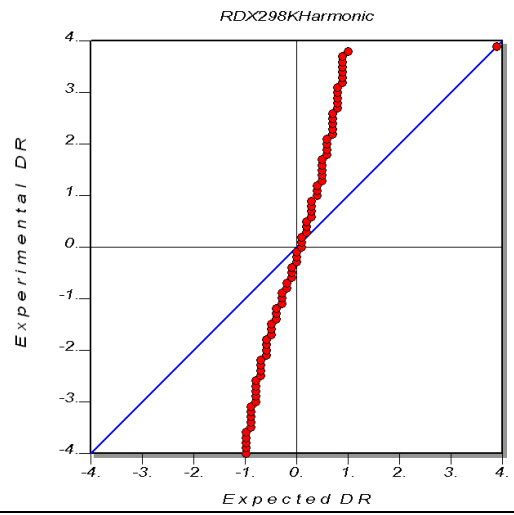
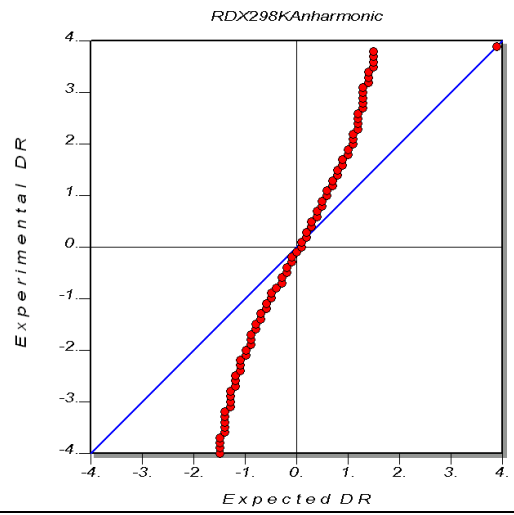


Data set no.11

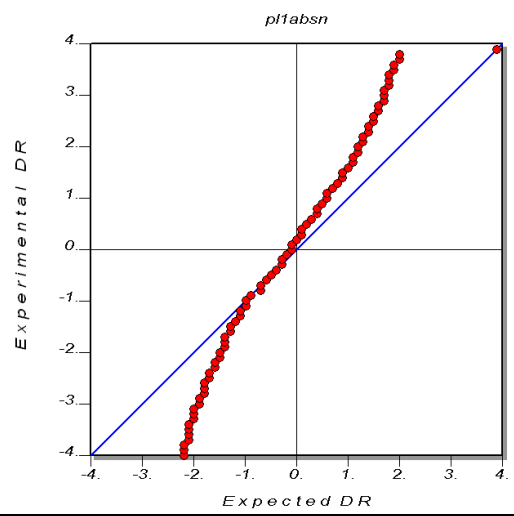




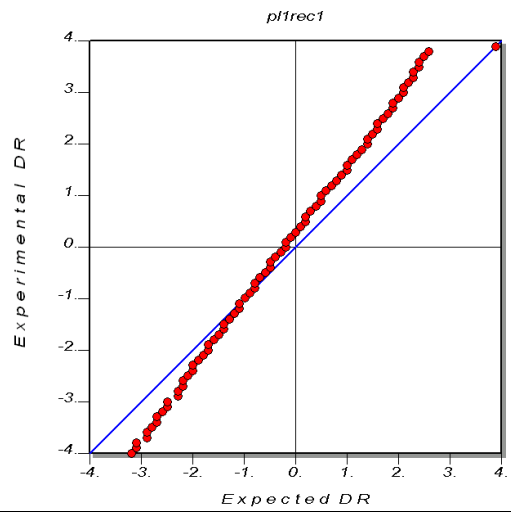
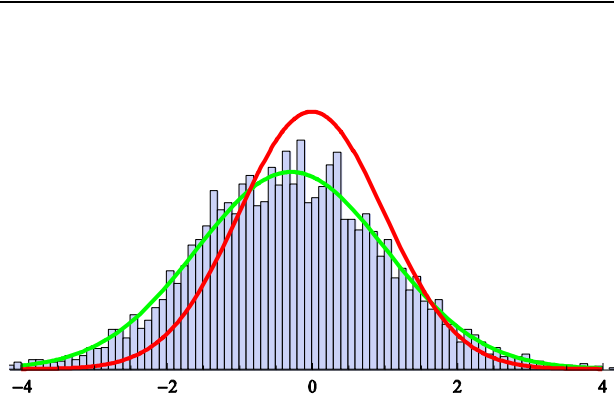
Data set no.12



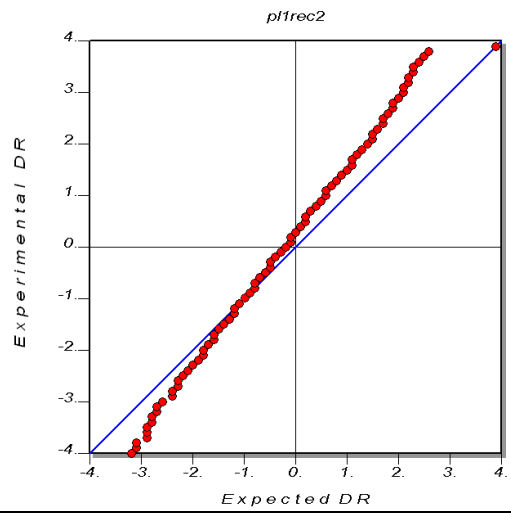
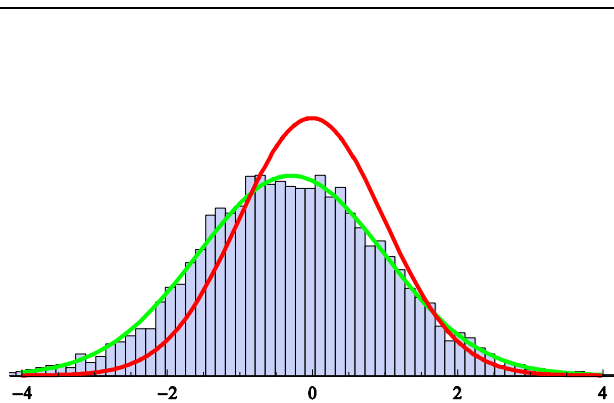
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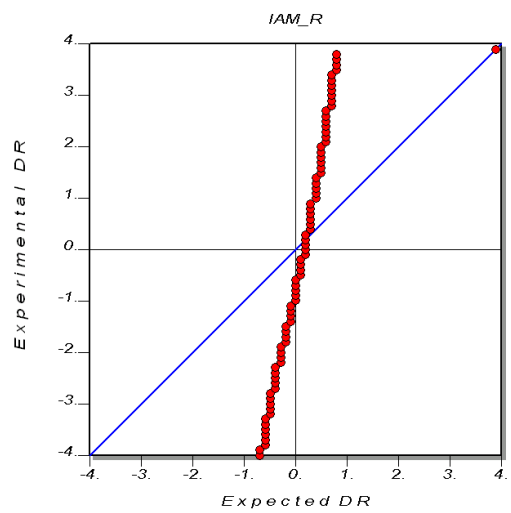
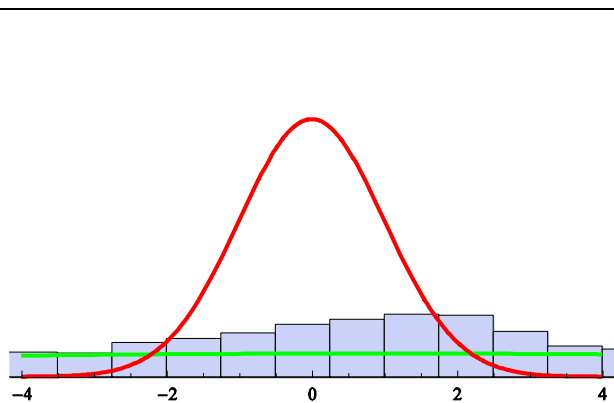
Data set no. 14



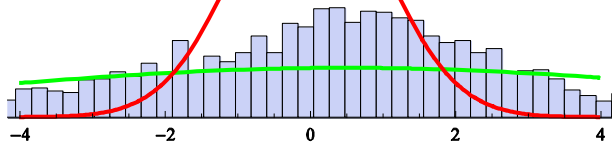
Data set no. 15



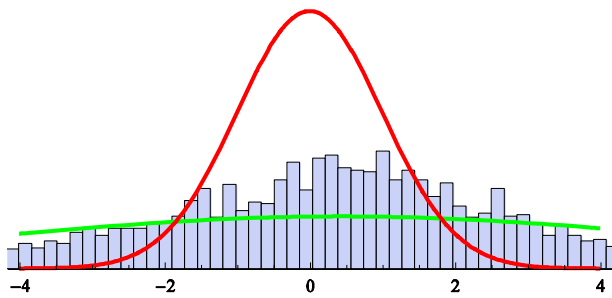
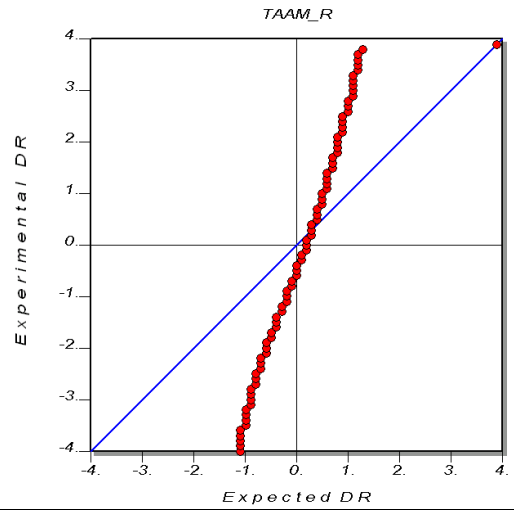
Data set no 16



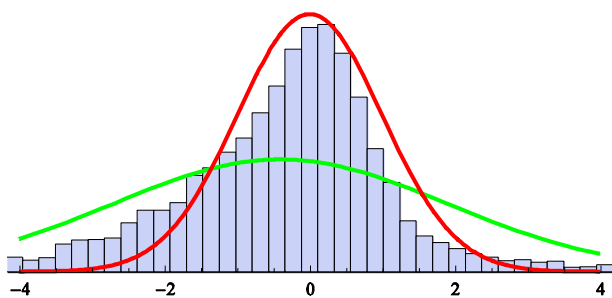
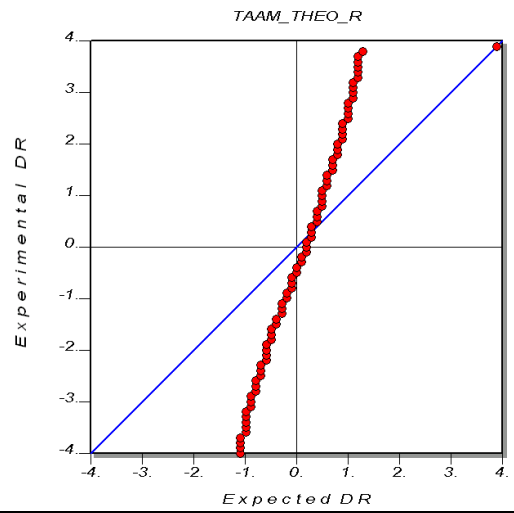
Data set no. 17



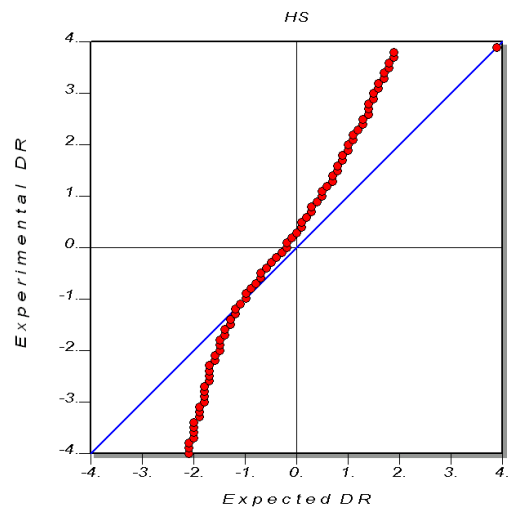
Data set no. 18

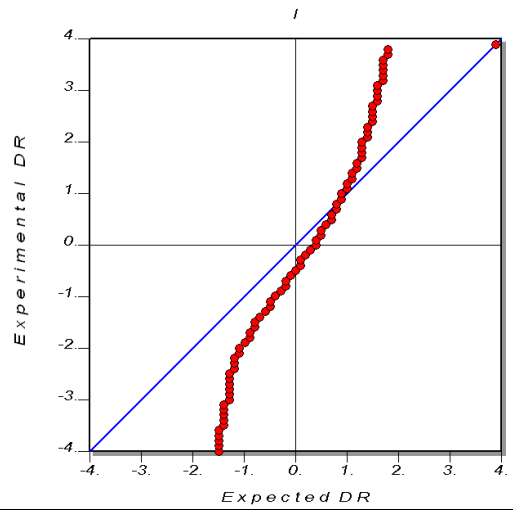
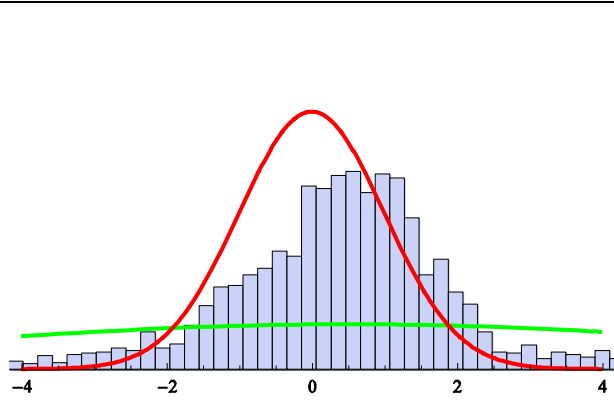


Data set no. 19

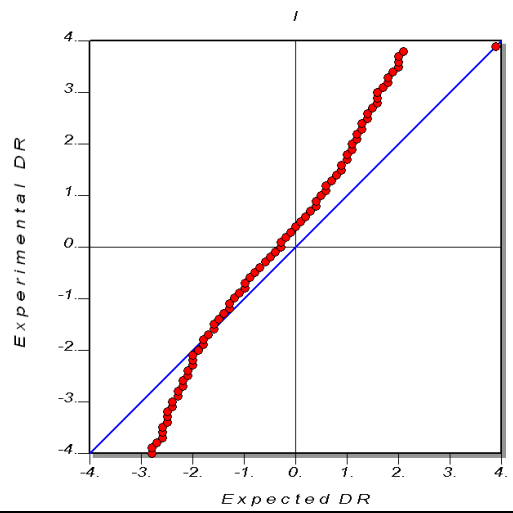
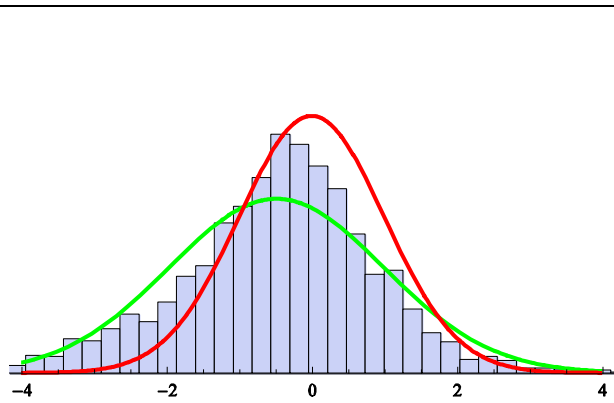


Data set no. 20

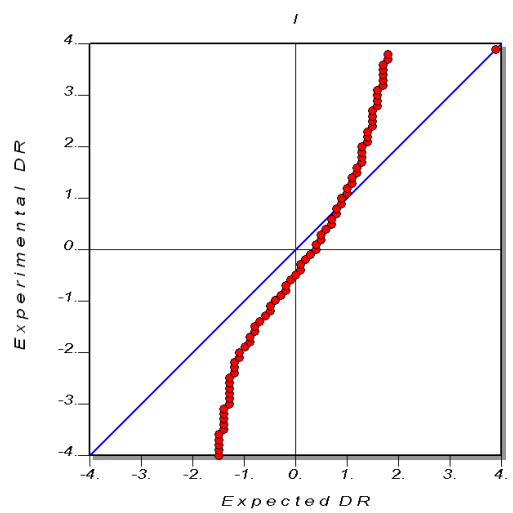
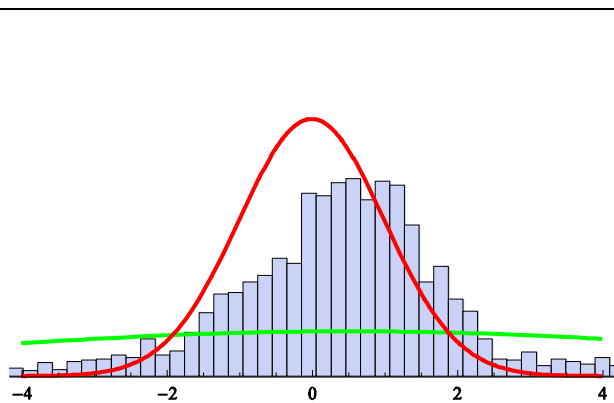




Data set no. 21



Data set no. 22



Data set no. 23



Observations:

- 1) The red curves tend to be more peaked around zero than the histograms. Exceptions are the data sets that are closest to a Gaussian distribution (2,4,) and the results from the dynamic MEM densities from sets 5, 6, 7, in which a different weight was used.
- 2) The probability histograms tend to be more peaked than the green line with exceptions for sets 2, 4, 15, and 16. Sets 15, 16 are closest to a Gaussian distribution after sets 2 and 4.