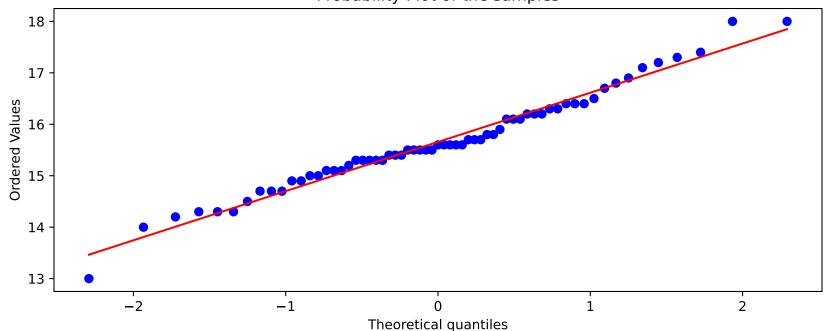


Probability Plot of the samples



SUMMARY

BASIC STATISTICS

Number of samples: 63 Mean: 15.657 Variance: 0.896 Skew: 0.179 test statistics z-score: 0.633 p-value: 0.527 H0 (skew from a normal distrib.) cannot be rejected The data are moderately skewed! Kurtosis 1.165 test: z-score: 0.244 p-value: 0.527 H0 (normal distrib.) cannot be rejected The distribution is too peaked !!!

NORMALITY TESTS

statistics: 0.981 p-value: 0.433 H0 (normal distrib.) cannot be rejected ing statistics: 0.486 critical value α : 0.744 H0 (normal distrib.) cannot be rejected Shapiro-Wilk Anderson-Darling Convergence of the tests: Normal distributed population on this basis

RISK ESTIMATION (Monte-Carlo diagenesis in-silico 280000 iterations), sample count: 63

Mean and Std.Dev. estimated by the bootstrap method There is a 3.738+/-0.048 % risk of normality of 6180 data by chance for a 63 sample count.

Computed with ApaOxIRA C. Lécuyer & JP. Flandrois 2023