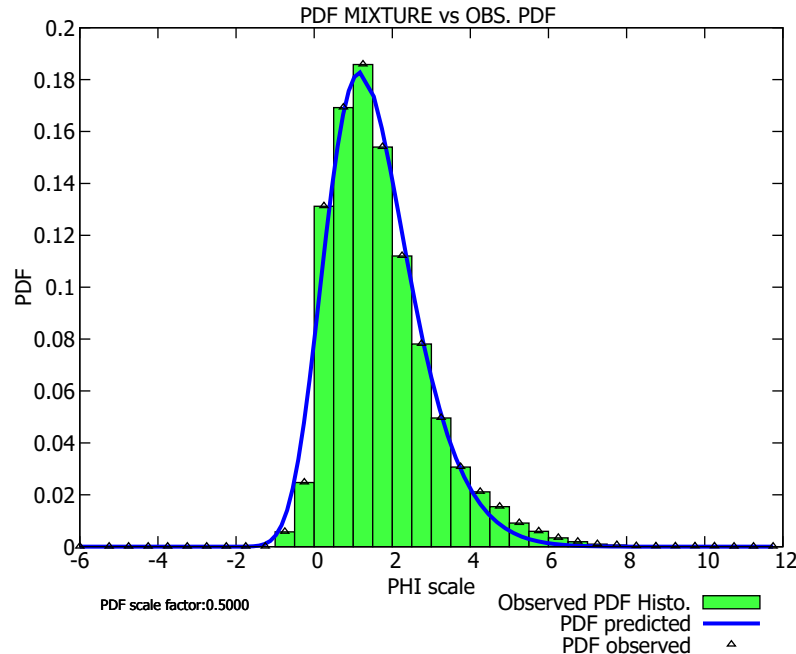
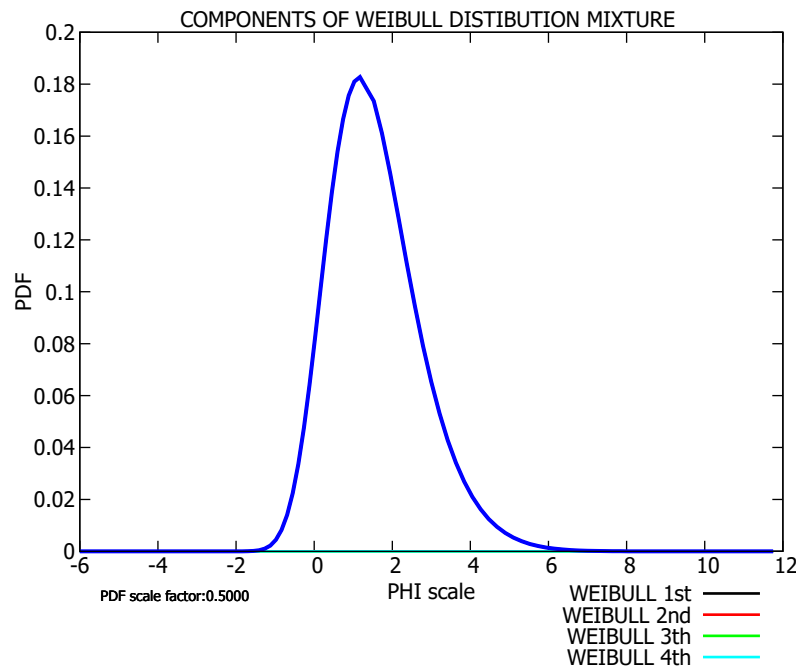
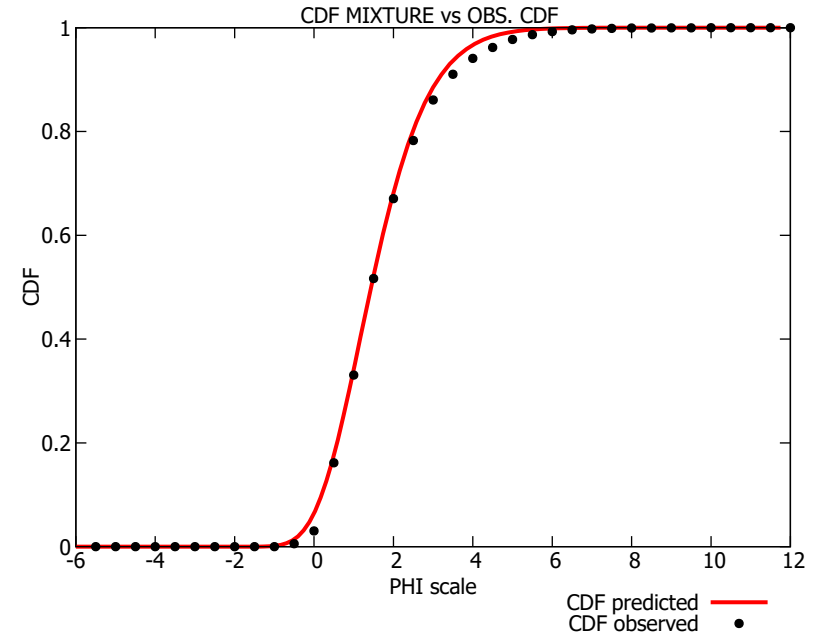




Sample 1



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
 INSIDE PARTICLE SIZE DISTRIBUTIONS
<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA95.dat

OUTPUT REPORT >: S9SA95.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9993289

Coefficient of Determination(R^2) = 0.9997819

Kolmogorov-Smirnoff difference(Ks) = 0.0338541

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9876425

Coefficient of Determination(R^2) = 0.9938115

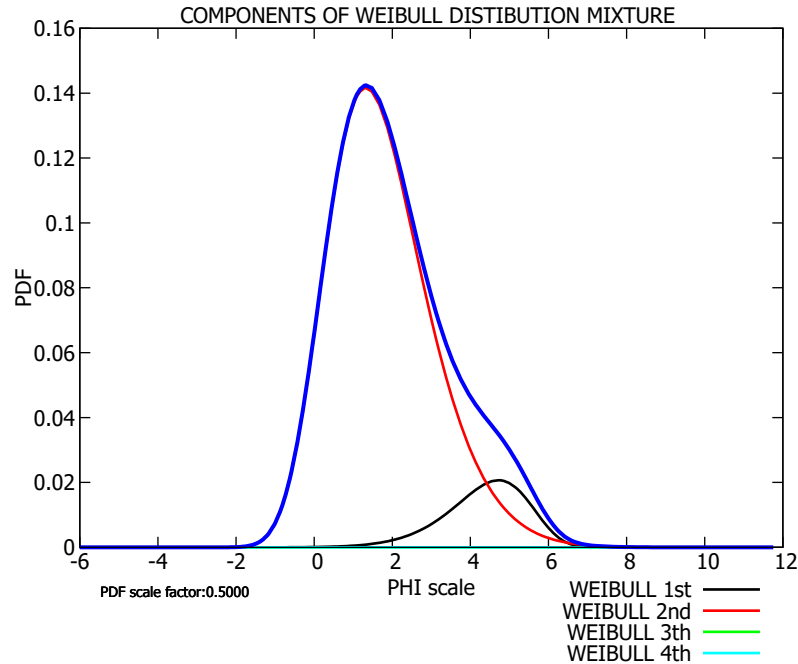
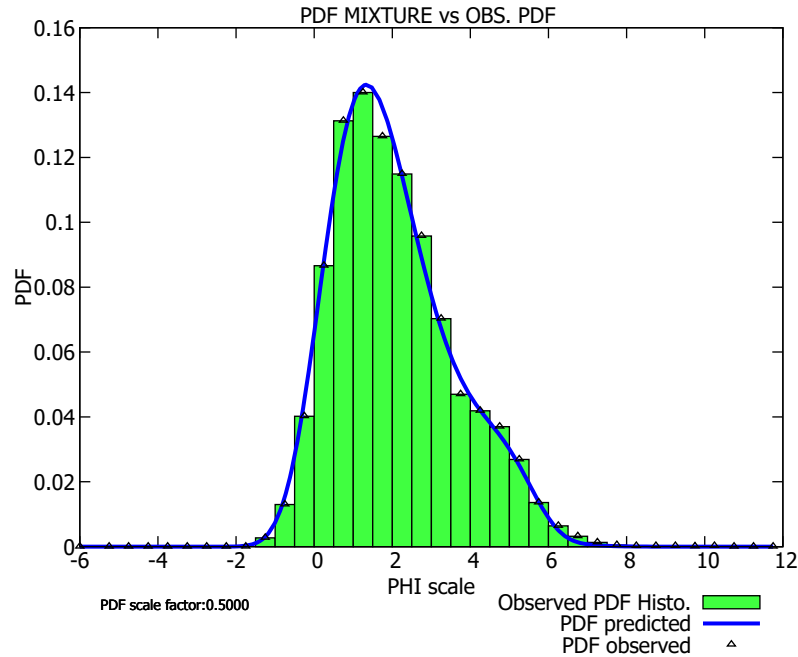
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 1.69459

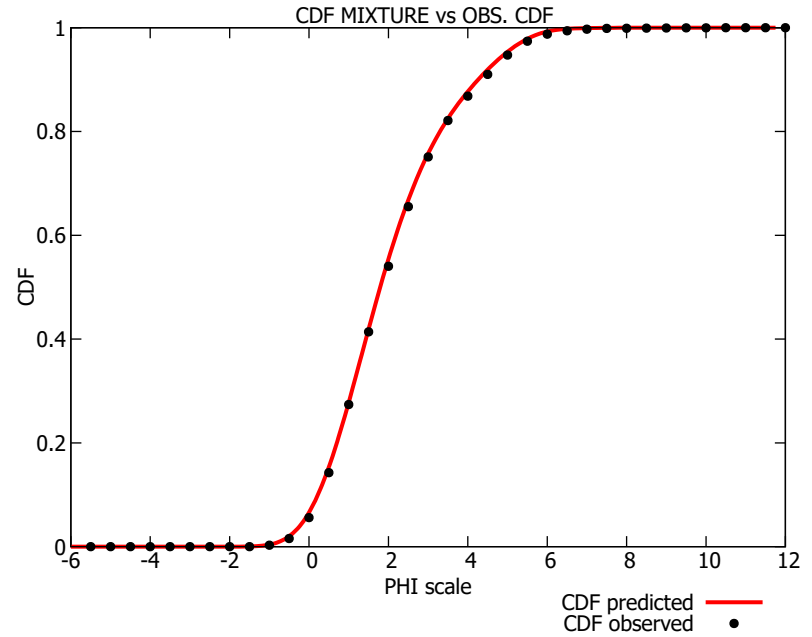
Standard deviation(PHI) = 1.26893 Poorly sorted

Skewness = 1.15659 Positive skewed

Kurtosis(normalized) = 1.88990 Leptokurtic



Sample 2



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
INSIDE PARTICLE SIZE DISTRIBUTIONS
<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA94.dat

OUTPUT REPORT >: S9SA94.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9998616

Coefficient of Determination(R^2) = 0.9999581

Kolmogorov-Smirnoff difference(Ks) = 0.0138407

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9963816

Coefficient of Determination(R^2) = 0.9982080

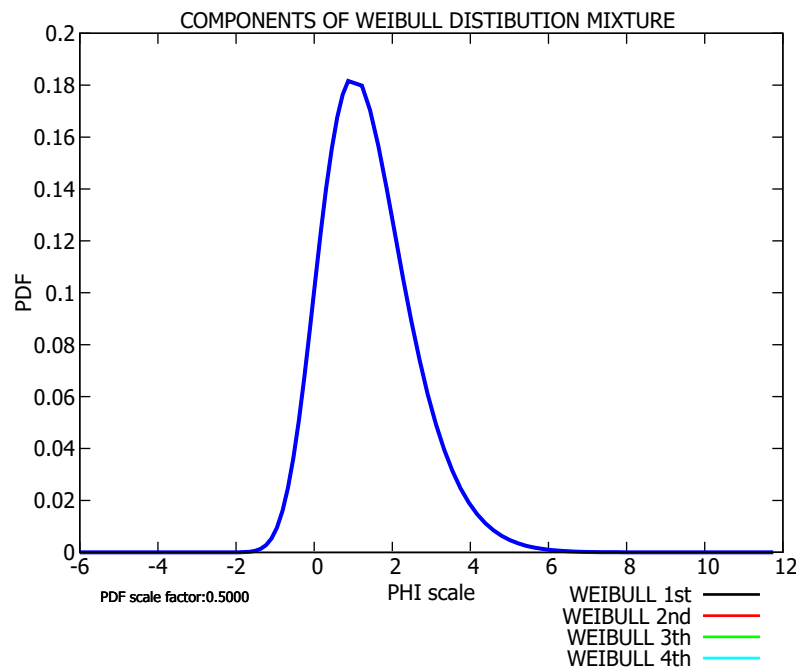
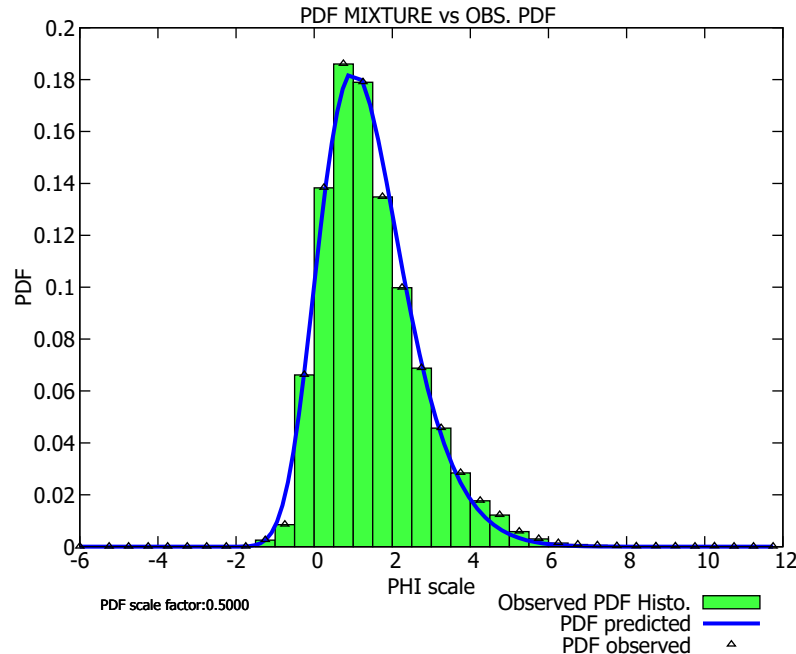
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 2.07767

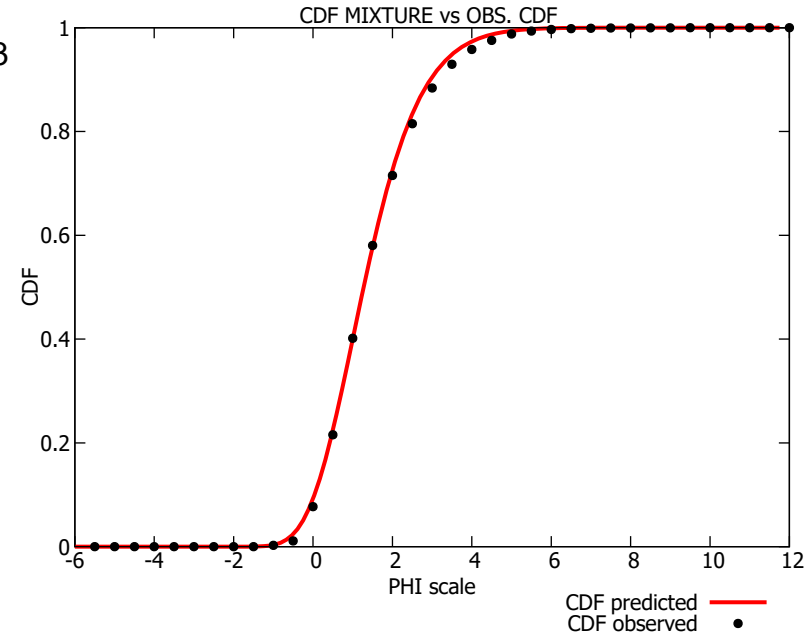
Standard deviation(PHI) = 1.55352 Poorly sorted

Skewness = 0.67762 Positive skewed

Kurtosis(normalized) = 0.19043 Mesokurtic



Sample 3



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
INSIDE PARTICLE SIZE DISTRIBUTIONS

<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA93.dat

OUTPUT REPORT >: S9SA93.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9996940

Coefficient of Determination(R^2) = 0.9998915

Kolmogorov-Smirnoff difference(Ks) = 0.0212968

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9943404

Coefficient of Determination(R^2) = 0.9972001

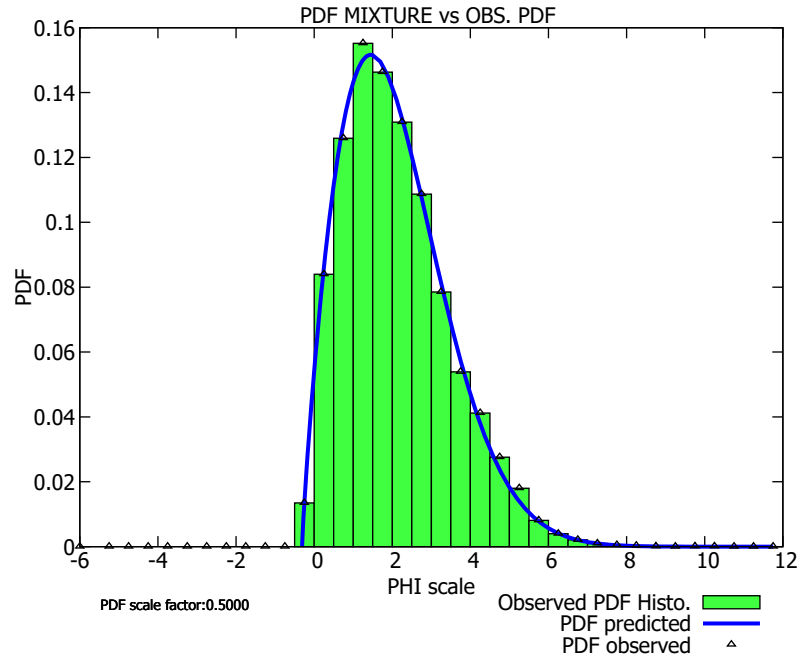
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 1.48377

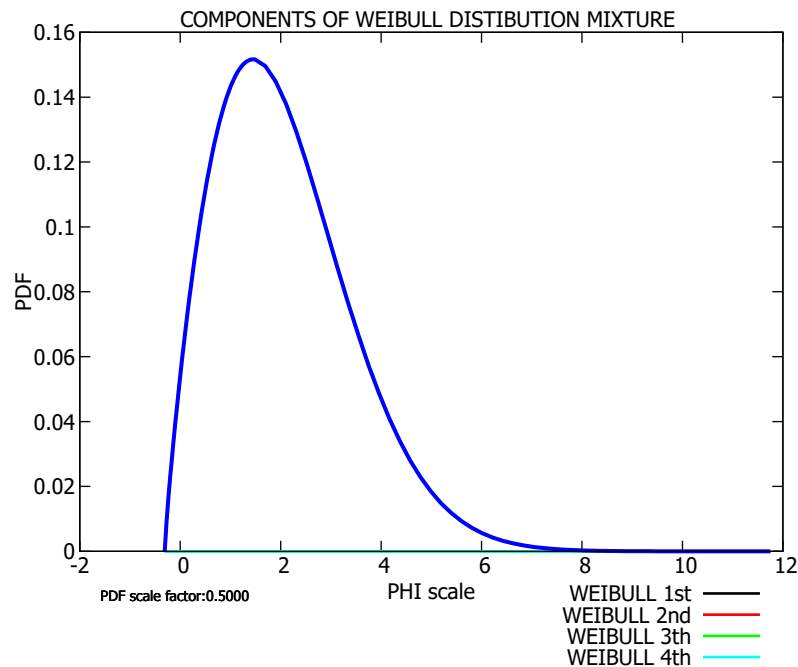
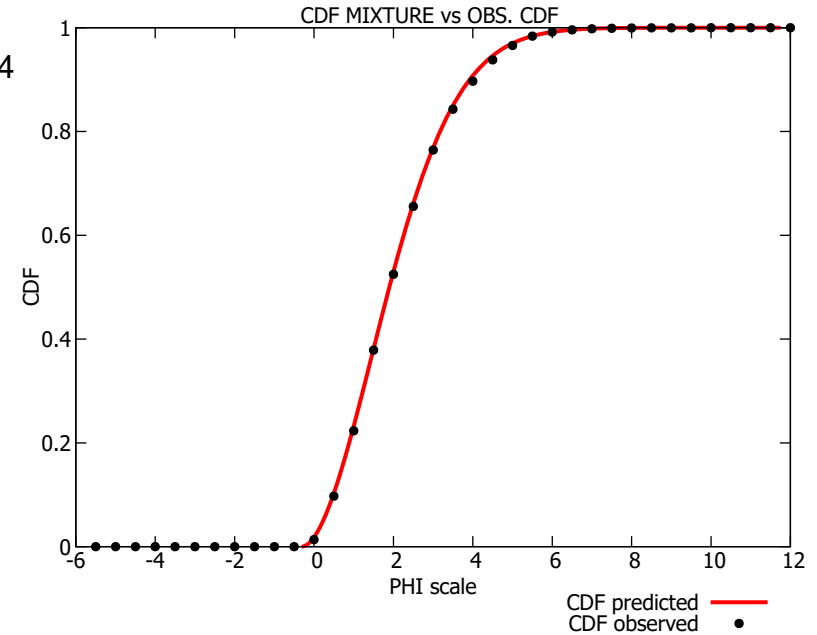
Standard deviation(PHI) = 1.22707 Poorly sorted

Skewness = 0.97513 Positive skewed

Kurtosis(normalized) = 1.33560 Leptokurtic



Sample 4



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
 INSIDE PARTICLE SIZE DISTRIBUTIONS

<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA92.dat

OUTPUT REPORT >: S9SA92.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9999343

Coefficient of Determination(R^2) = 0.9999767

Kolmogorov-Smirnoff difference(Ks) = 0.0110046

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9985233

Coefficient of Determination(R^2) = 0.9992844

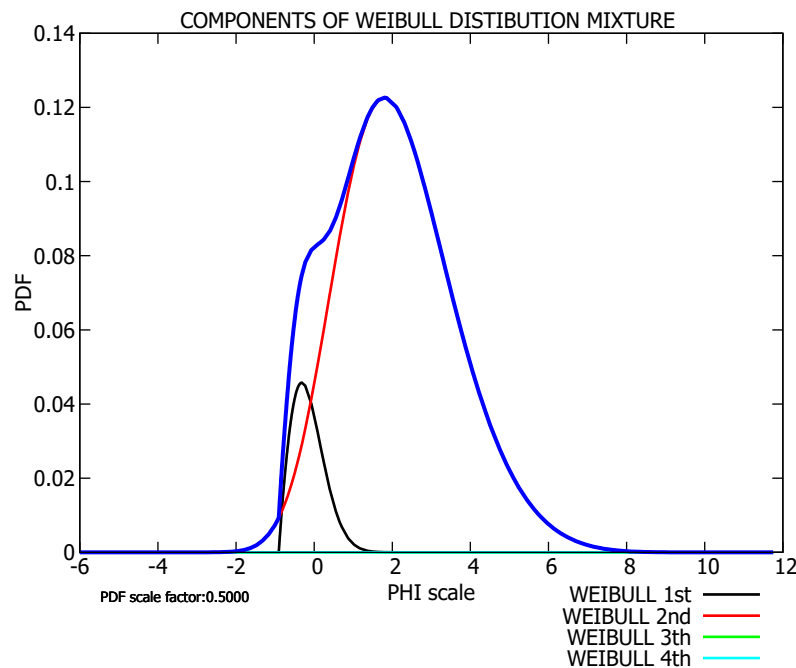
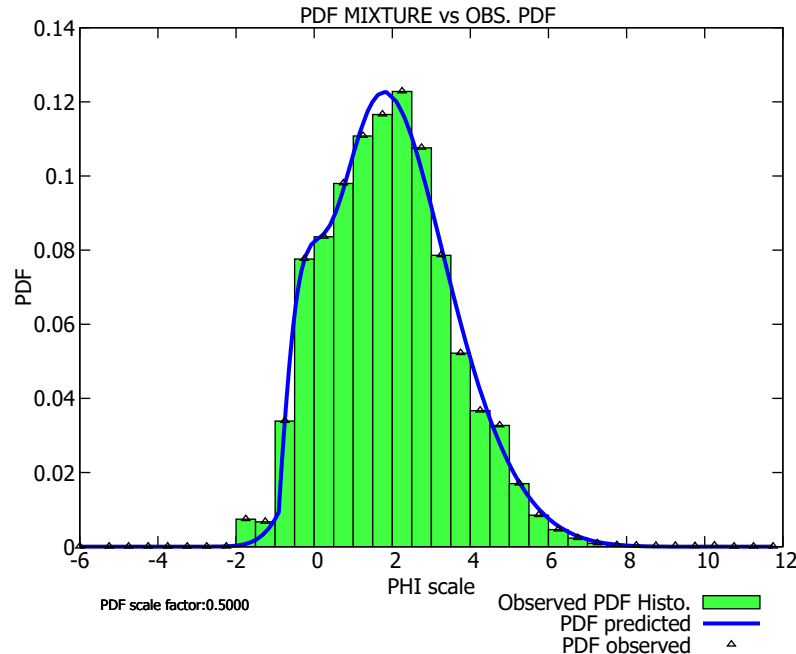
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 2.11902

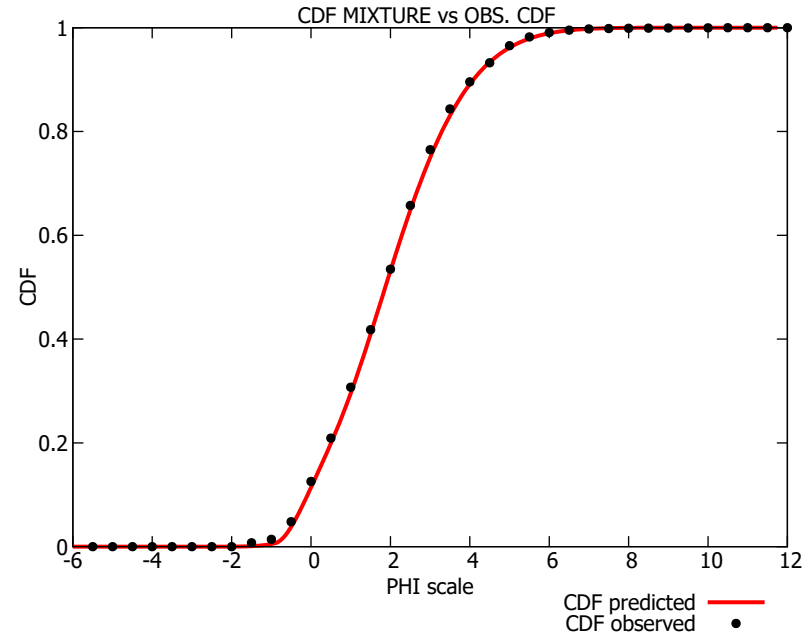
Standard deviation(PHI) = 1.35276 Poorly sorted

Skewness = 0.77137 Positive skewed

Kurtosis(normalized) = 0.43014 Mesokurtic



Sample 5



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
INSIDE PARTICLE SIZE DISTRIBUTIONS

<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA91.dat

OUTPUT REPORT >: S9SA91.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9998285

Coefficient of Determination(R^2) = 0.9999439

Kolmogorov-Smirnoff difference(Ks) = 0.0152826

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9950325

Coefficient of Determination(R^2) = 0.9975524

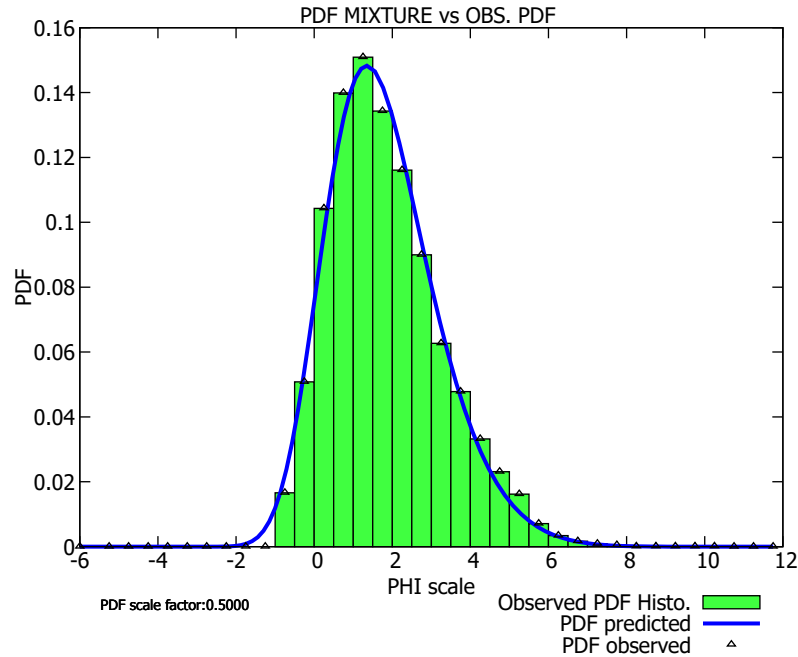
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 1.90844

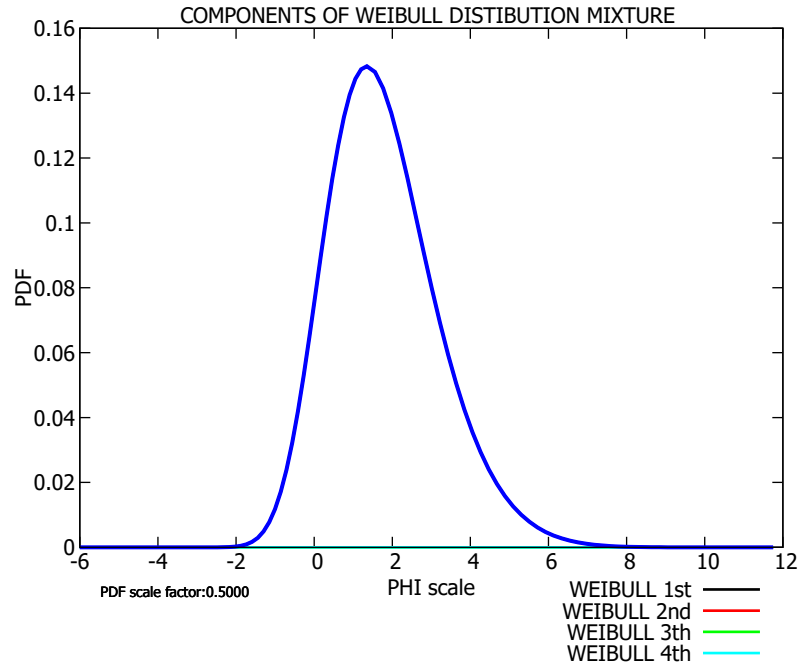
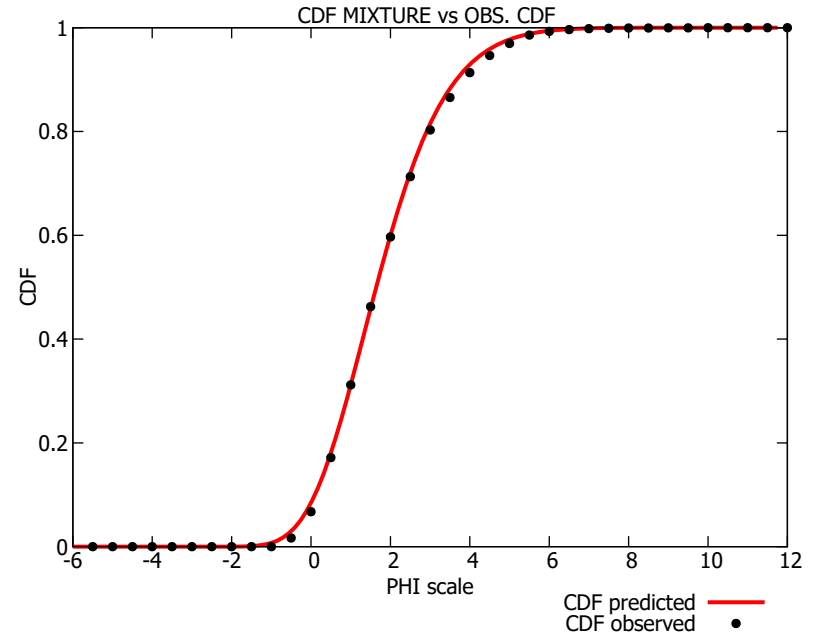
Standard deviation(PHI) = 1.60057 Poorly sorted

Skewness = 0.38753 Symmetrical

Kurtosis(normalized) = 0.10457 Mesokurtic



Sample 6



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
INSIDE PARTICLE SIZE DISTRIBUTIONS
<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA90.dat

OUTPUT REPORT >: S9SA90.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9997756

Coefficient of Determination(R^2) = 0.9999194

Kolmogorov-Smirnoff difference(Ks) = 0.0173703

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9946992

Coefficient of Determination(R^2) = 0.9973481

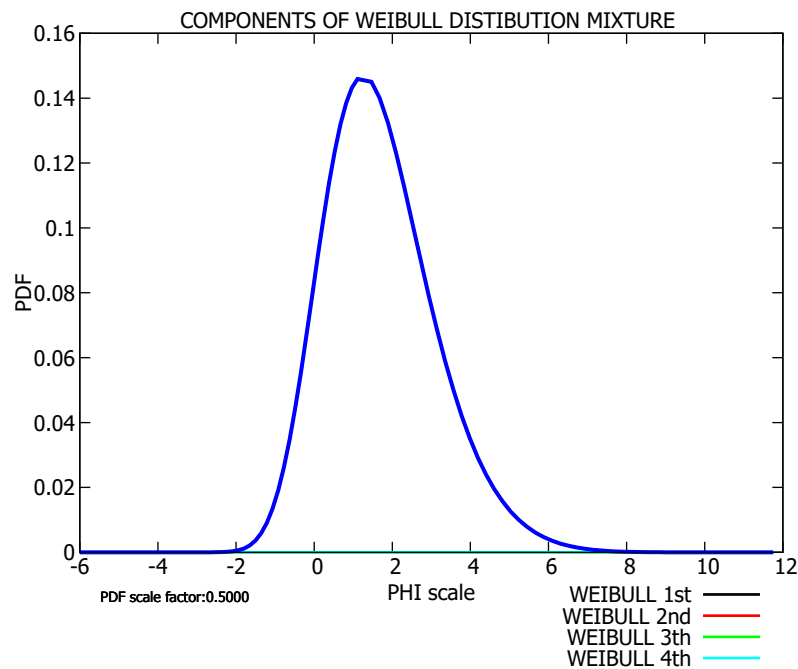
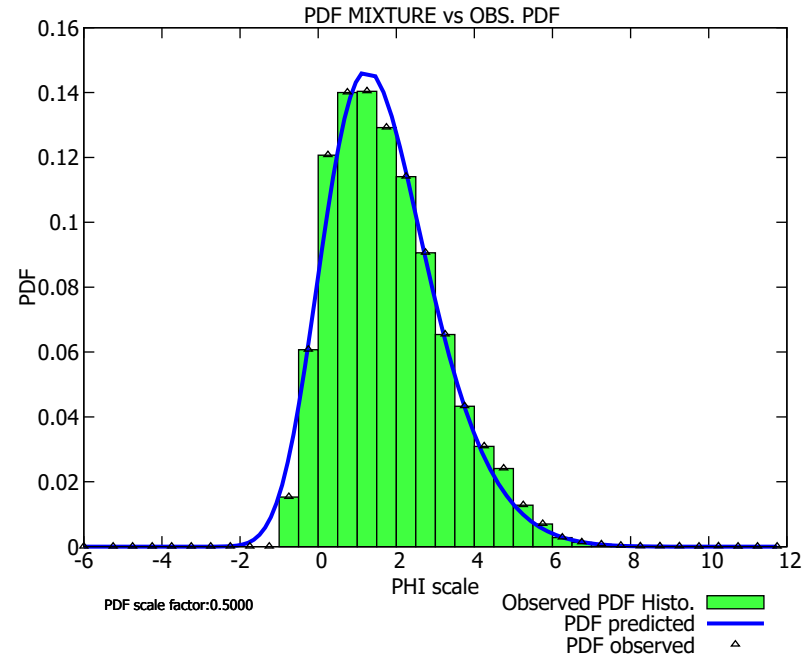
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 1.84658

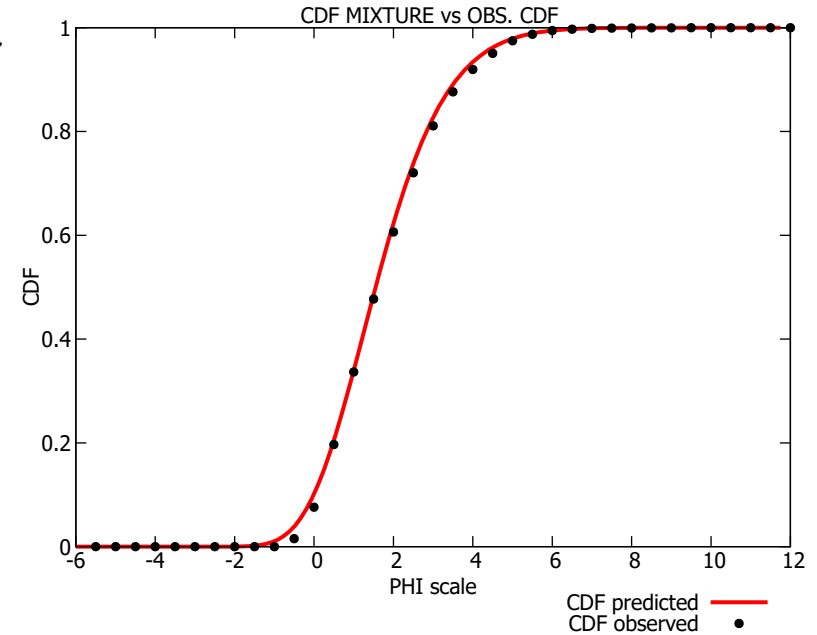
Standard deviation(PHI) = 1.42716 Poorly sorted

Skewness = 0.73115 Positive skewed

Kurtosis(normalized) = 0.44662 Mesokurtic



Sample 7



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
INSIDE PARTICLE SIZE DISTRIBUTIONS

<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA89.dat

OUTPUT REPORT >: S9SA89.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9996003

Coefficient of Determination(R^2) = 0.9998639

Kolmogorov-Smirnoff difference(Ks) = 0.0255357

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9905498

Coefficient of Determination(R^2) = 0.9952644

STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

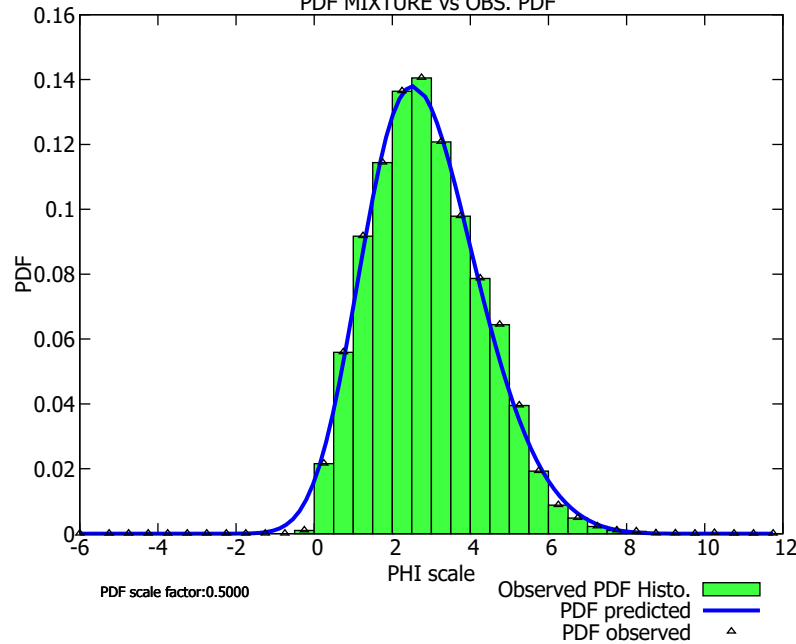
Mean(PHI) = 1.78289

Standard deviation(PHI) = 1.41684 Poorly sorted

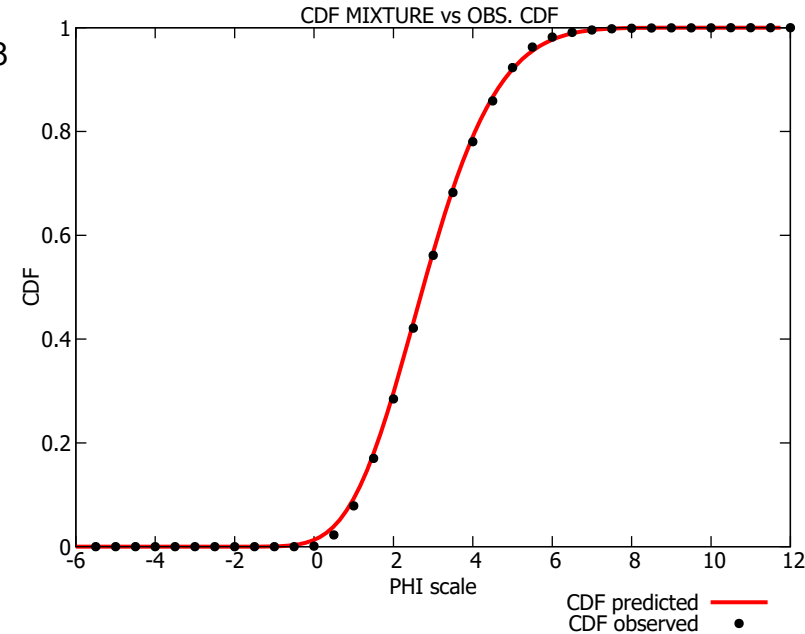
Skewness = 0.70581 Positive skewed

Kurtosis(normalized) = 0.29276 Mesokurtic

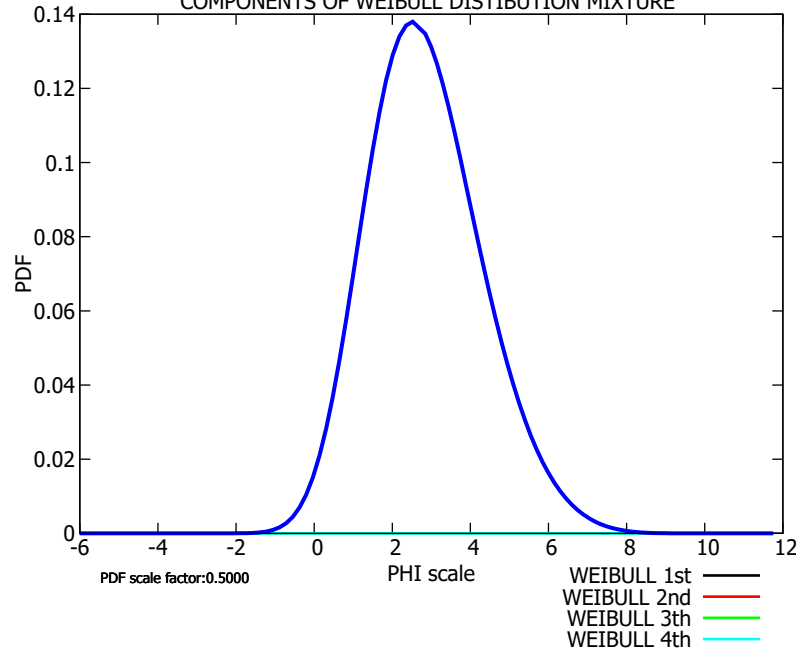
PDF MIXTURE vs OBS. PDF



Sample 8



COMPONENTS OF WEIBULL DISTRIBUTION MIXTURE



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
INSIDE PARTICLE SIZE DISTRIBUTIONS

<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA88.dat

OUTPUT REPORT >: S9SA88.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9998237

Coefficient of Determination(R^2) = 0.9999358

Kolmogorov-Smirnoff difference(Ks) = 0.0165537

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9954796

Coefficient of Determination(R^2) = 0.9978319

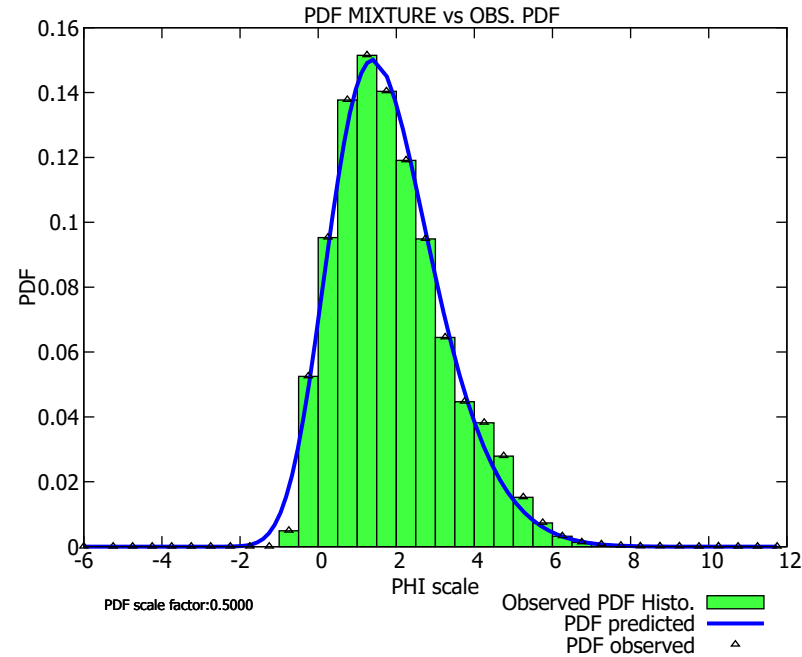
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 2.89457

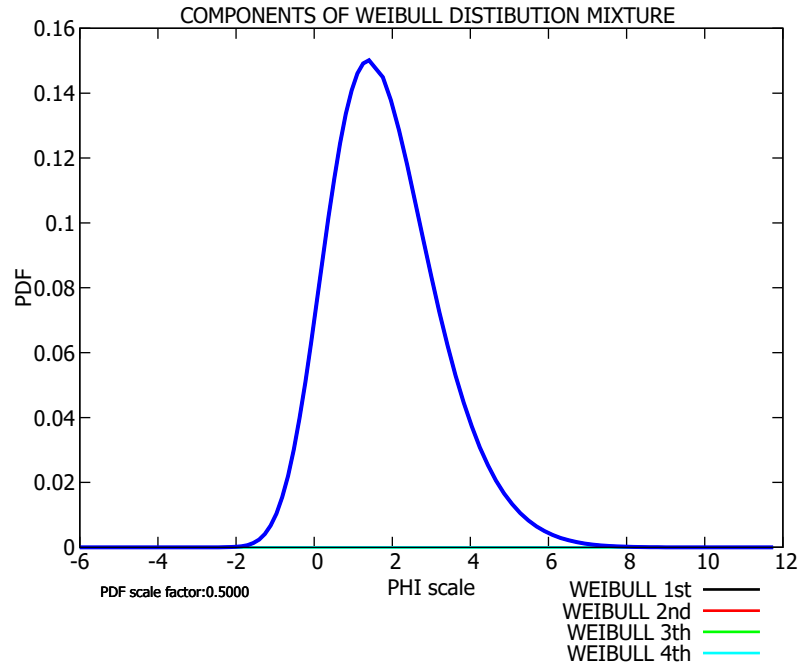
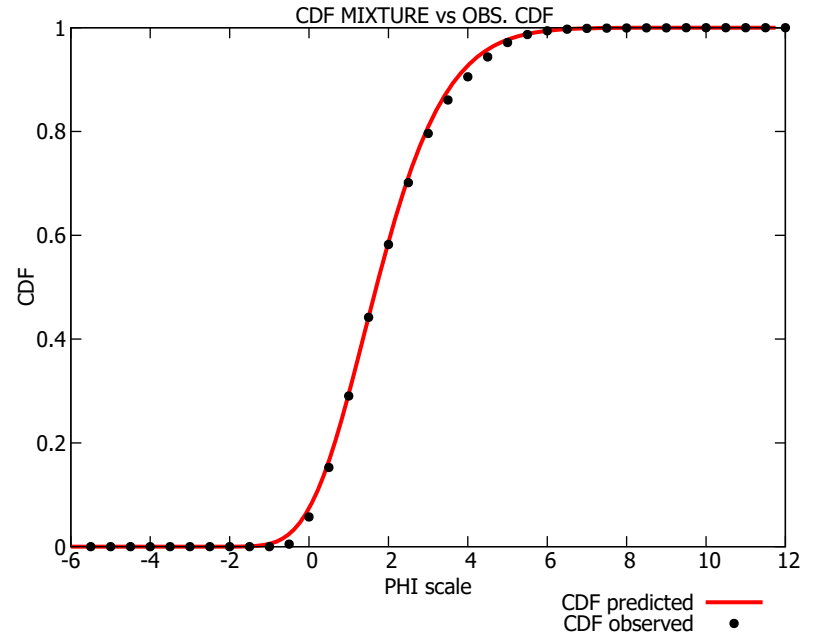
Standard deviation(PHI) = 1.39351 Poorly sorted

Skewness = 0.41429 Symmetrical

Kurtosis(normalized) = -0.09276 Mesokurtic



Sample 9



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
INSIDE PARTICLE SIZE DISTRIBUTIONS
<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA87.dat

OUTPUT REPORT >: S9SA87.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9996949

Coefficient of Determination(R^2) = 0.9998908

Kolmogorov-Smirnoff difference(Ks) = 0.0217894

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9928896

Coefficient of Determination(R^2) = 0.9964396

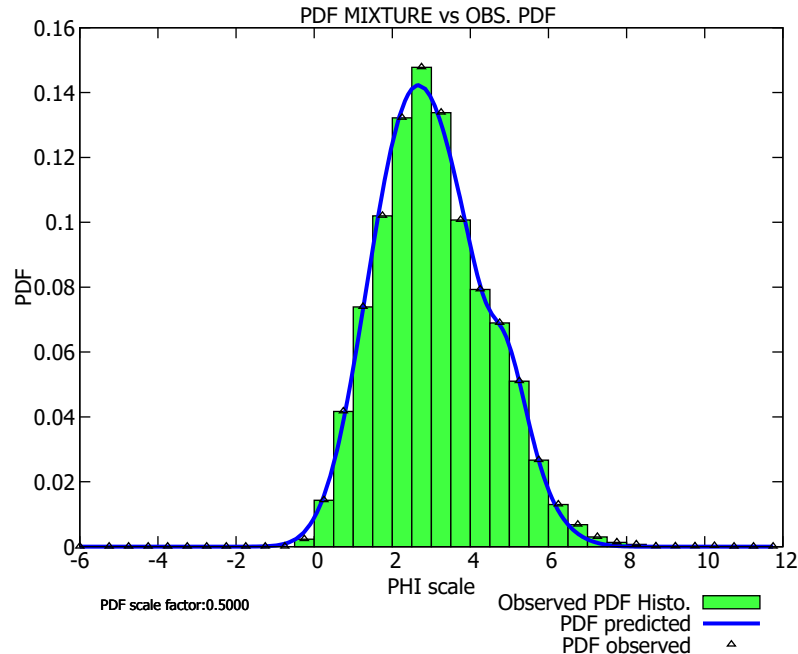
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 1.91012

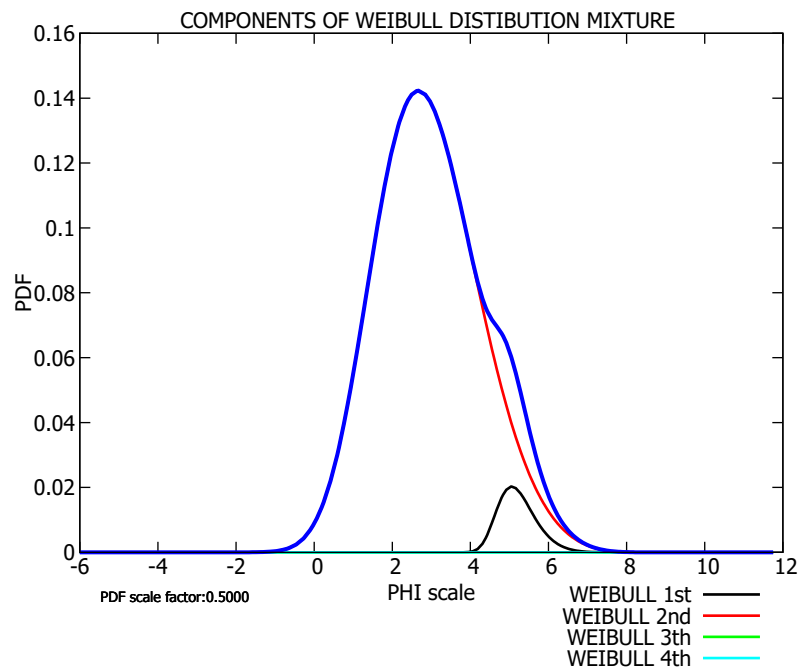
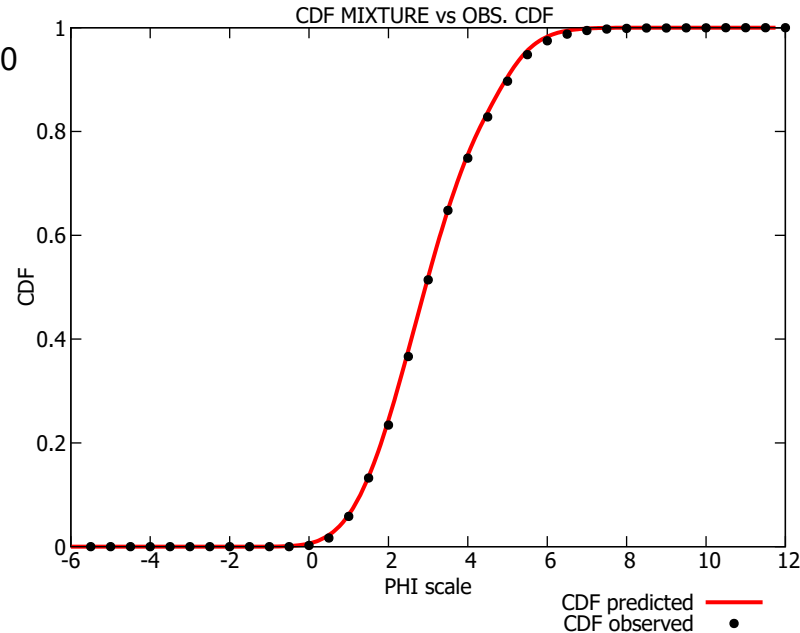
Standard deviation(PHI) = 1.39957 Poorly sorted

Skewness = 0.71687 Positive skewed

Kurtosis(normalized) = 0.26741 Mesokurtic



Sample 10



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
 INSIDE PARTICLE SIZE DISTRIBUTIONS

<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA86.dat

OUTPUT REPORT >: S9SA86.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9999033

Coefficient of Determination(R^2) = 0.9999715

Kolmogorov-Smirnoff difference(Ks) = 0.0117117

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9975152

Coefficient of Determination(R^2) = 0.9987783

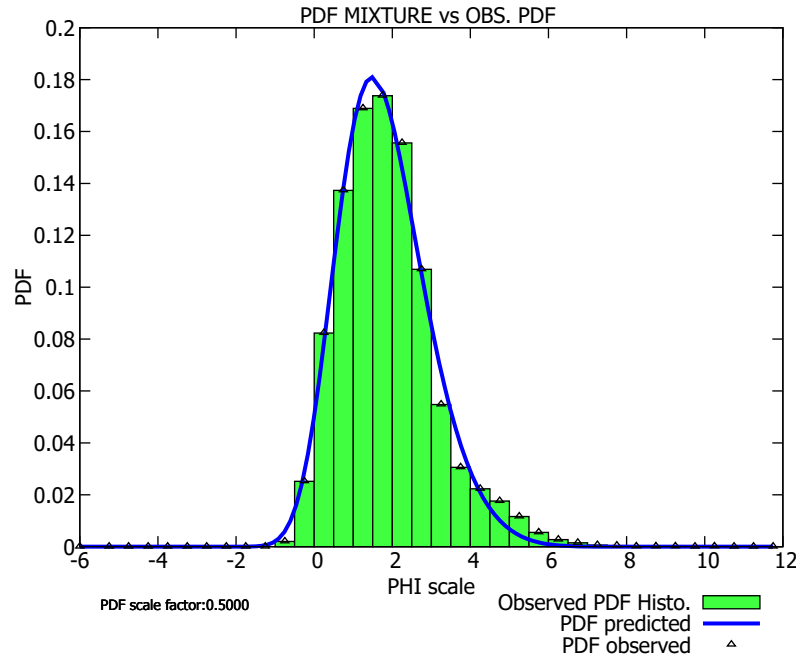
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 3.07808

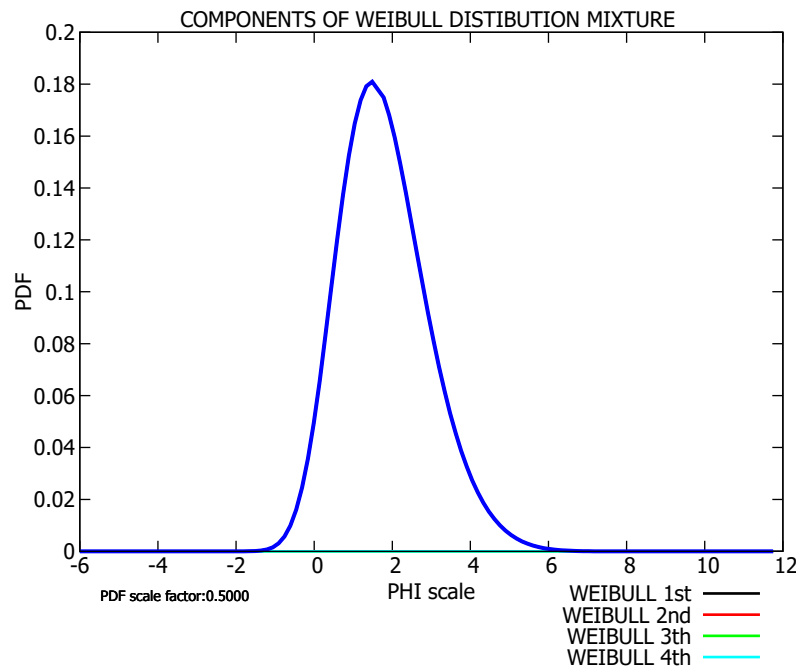
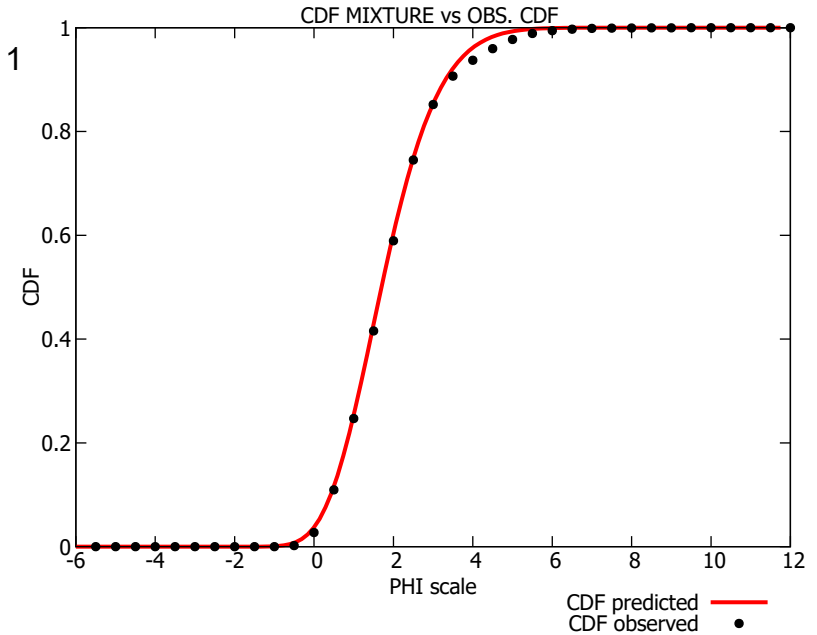
Standard deviation(PHI) = 1.41027 Poorly sorted

Skewness = 0.39840 Symmetrical

Kurtosis(normalized) = -0.04867 Mesokurtic



Sample 11



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
 INSIDE PARTICLE SIZE DISTRIBUTIONS
<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA85.dat

OUTPUT REPORT >: S9SA85.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9996914

Coefficient of Determination(R^2) = 0.9998982

Kolmogorov-Smirnoff difference(Ks) = 0.0241570

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9941214

Coefficient of Determination(R^2) = 0.9971243

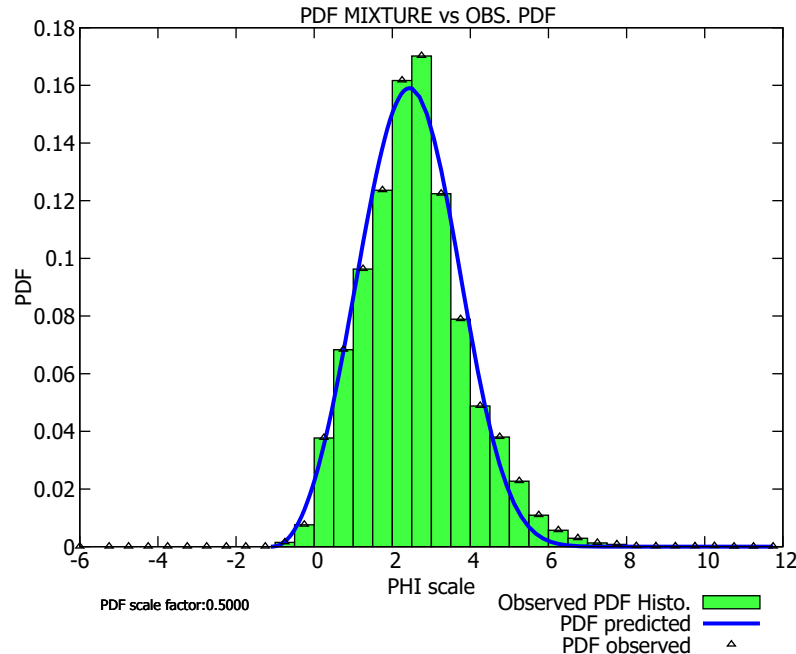
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 1.87775

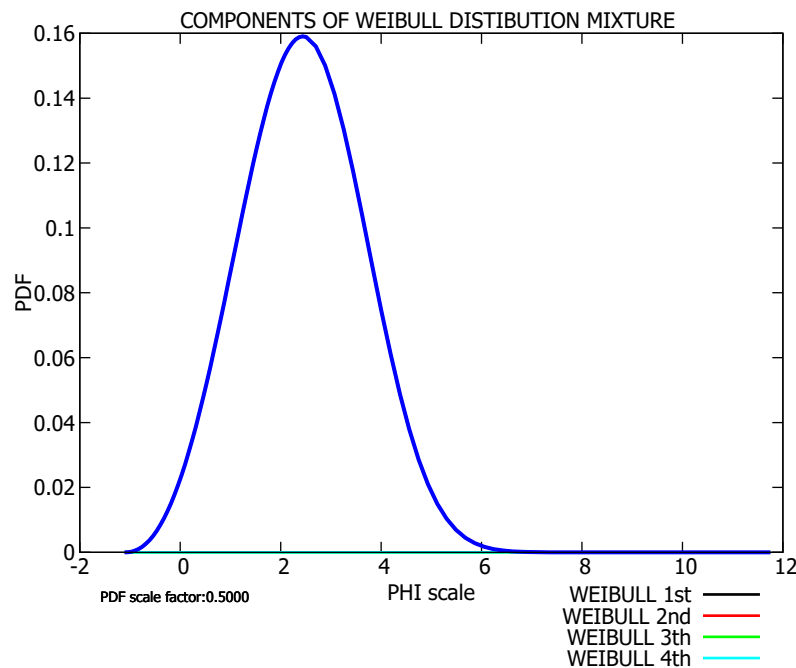
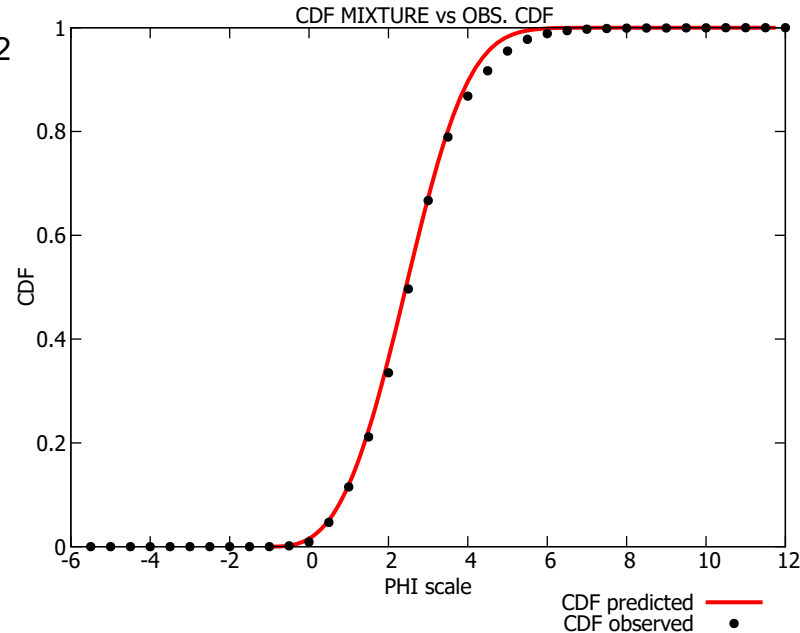
Standard deviation(PHI) = 1.22035 Poorly sorted

Skewness = 0.91951 Positive skewed

Kurtosis(normalized) = 1.39173 Leptokurtic



Sample 12



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
 INSIDE PARTICLE SIZE DISTRIBUTIONS
<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA84.dat

OUTPUT REPORT >: S9SA84.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9993272

Coefficient of Determination(R^2) = 0.9997756

Kolmogorov-Smirnoff difference(Ks) = 0.0368386

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9849670

Coefficient of Determination(R^2) = 0.9928529

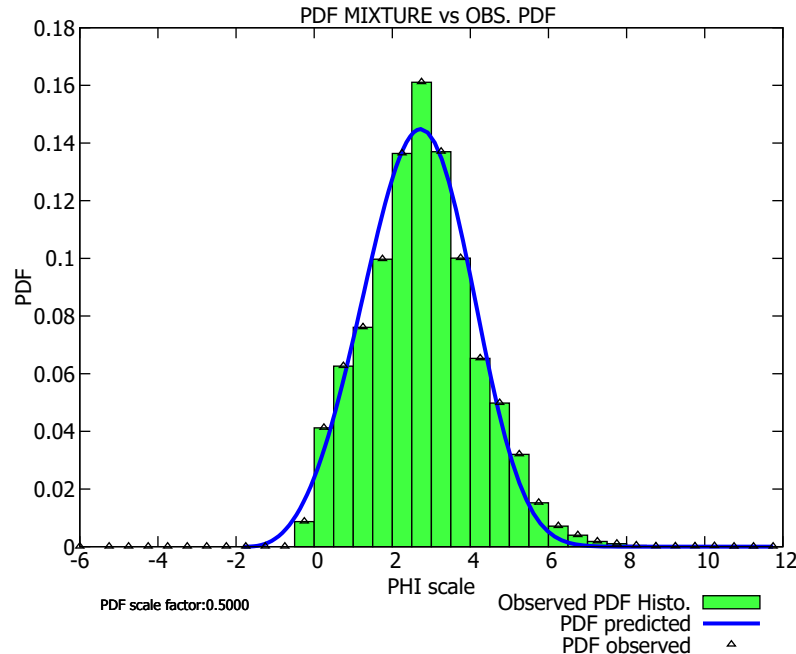
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 2.56818

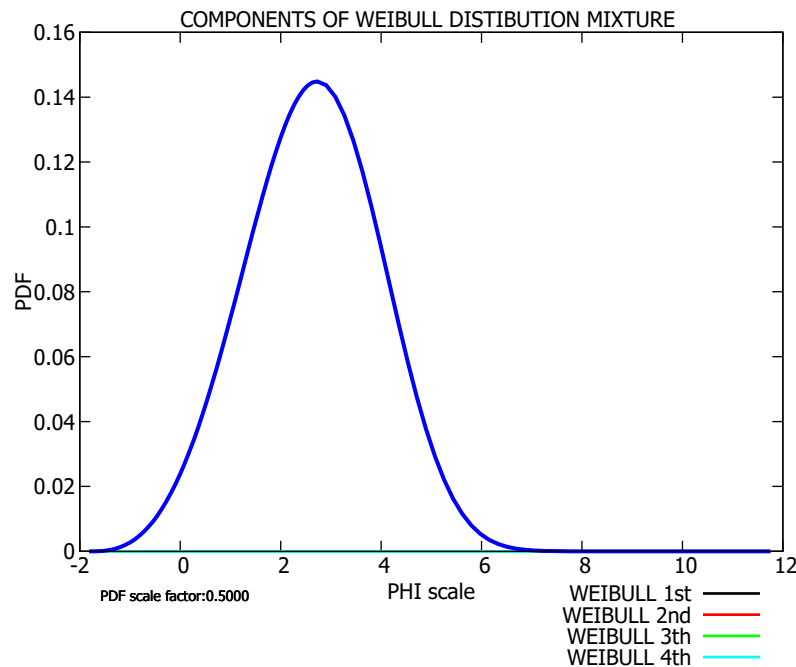
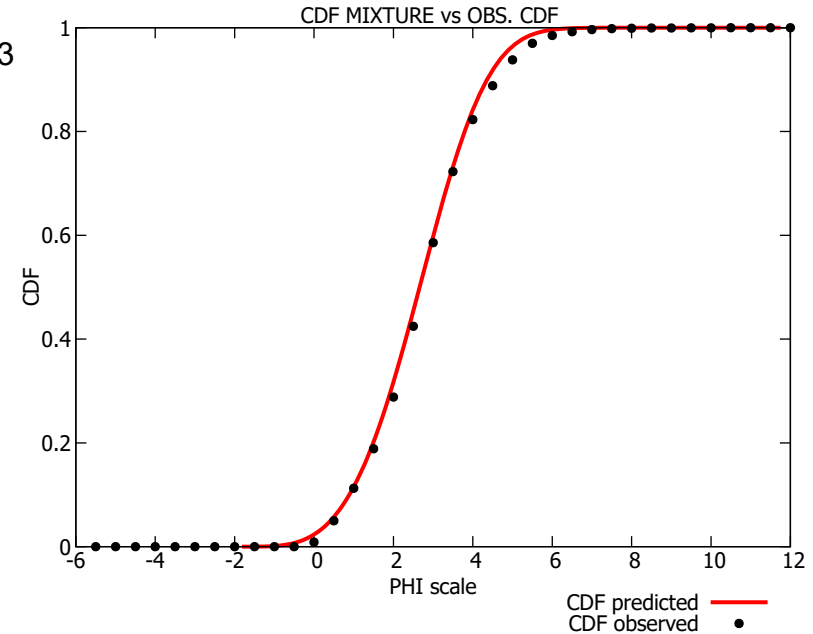
Standard deviation(PHI) = 1.30665 Poorly sorted

Skewness = 0.49215 Positive skewed

Kurtosis(normalized) = 0.56354 Mesokurtic



Sample 13



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
 INSIDE PARTICLE SIZE DISTRIBUTIONS
<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA83.dat

OUTPUT REPORT >: S9SA83.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9993421

Coefficient of Determination(R^2) = 0.9997870

Kolmogorov-Smirnoff difference(Ks) = 0.0304623

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9837622

Coefficient of Determination(R^2) = 0.9919983

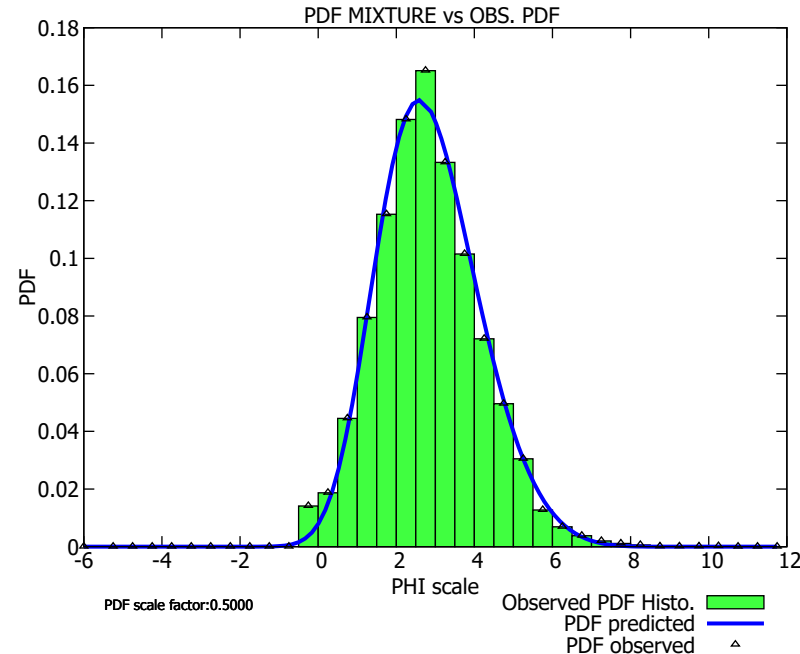
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 2.76655

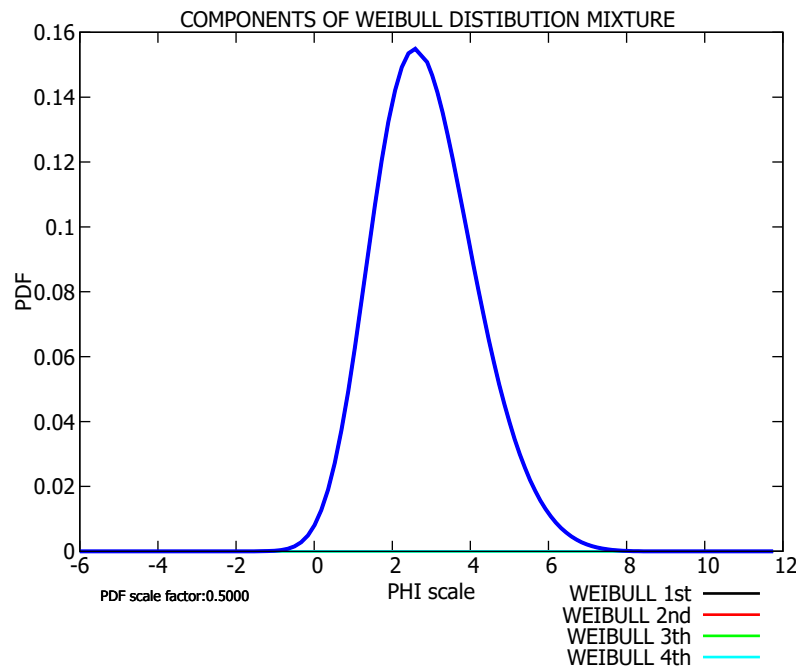
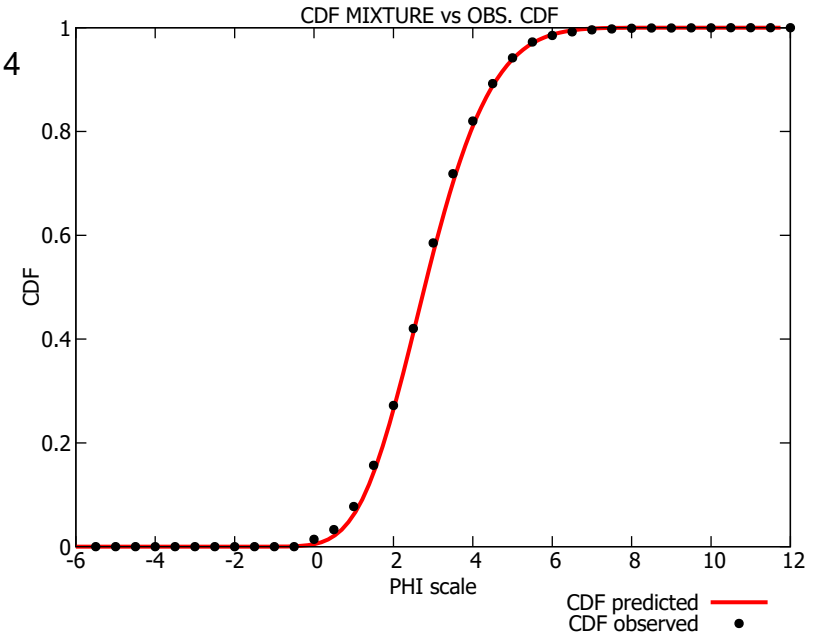
Standard deviation(PHI) = 1.38376 Poorly sorted

Skewness = 0.31907 Symmetrical

Kurtosis(normalized) = 0.16584 Mesokurtic



Sample 14



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
INSIDE PARTICLE SIZE DISTRIBUTIONS
<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA82.dat

OUTPUT REPORT >: S9SA82.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9997679

Coefficient of Determination(R^2) = 0.9999123

Kolmogorov-Smirnoff difference(Ks) = 0.0206831

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9946030

Coefficient of Determination(R^2) = 0.9973685

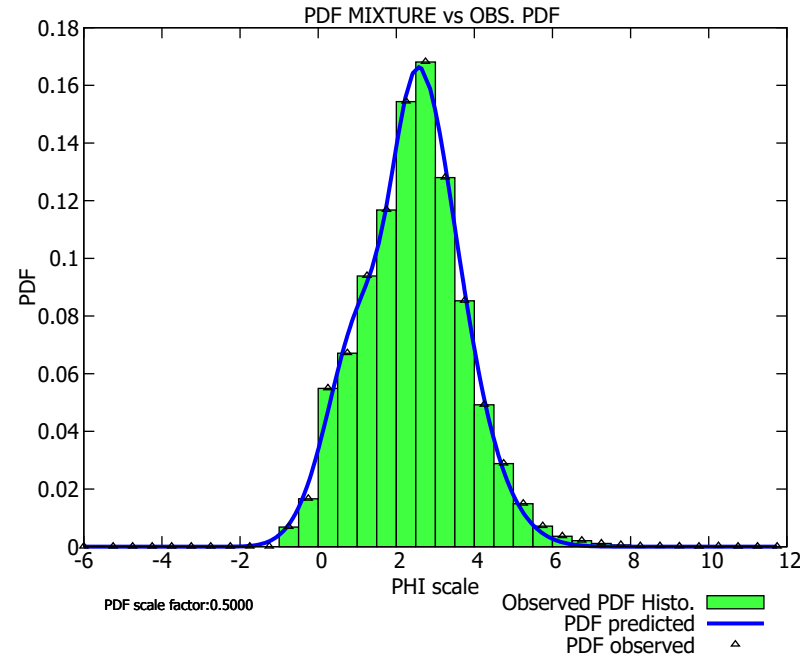
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 2.81456

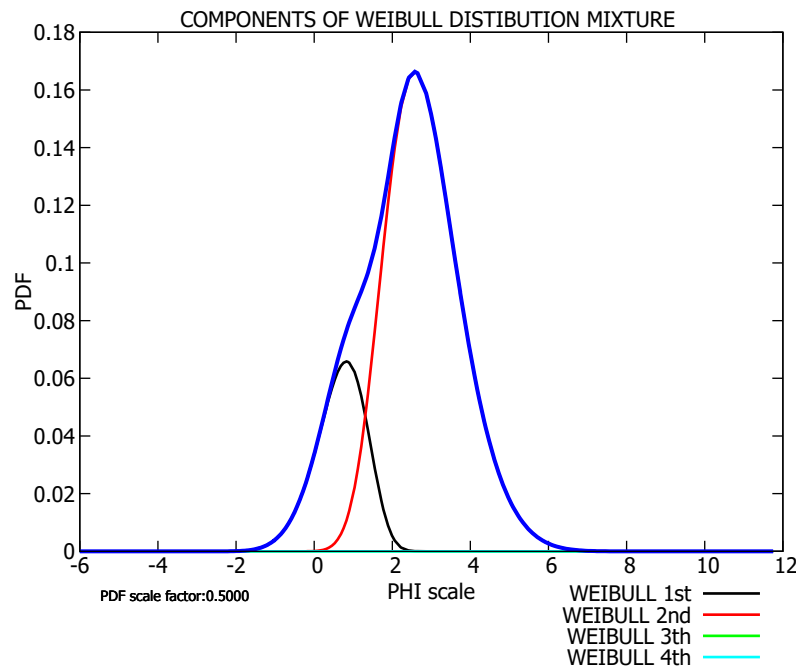
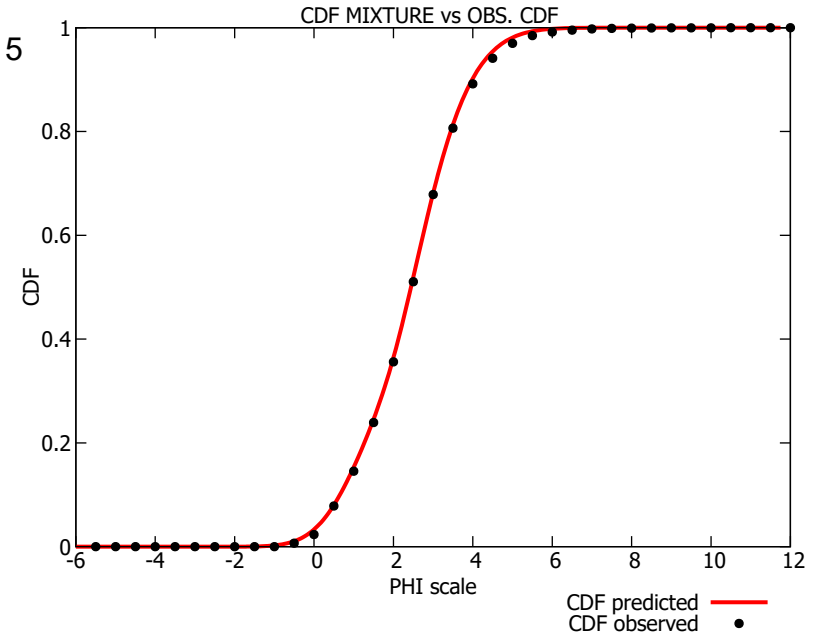
Standard deviation(PHI) = 1.32875 Poorly sorted

Skewness = 0.36829 Symmetrical

Kurtosis(normalized) = 0.45171 Mesokurtic



Sample 15



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
INSIDE PARTICLE SIZE DISTRIBUTIONS
<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA81.dat

OUTPUT REPORT >: S9SA81.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9998717

Coefficient of Determination(R^2) = 0.9999625

Kolmogorov-Smirnoff difference(Ks) = 0.0133043

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9970788

Coefficient of Determination(R^2) = 0.9985764

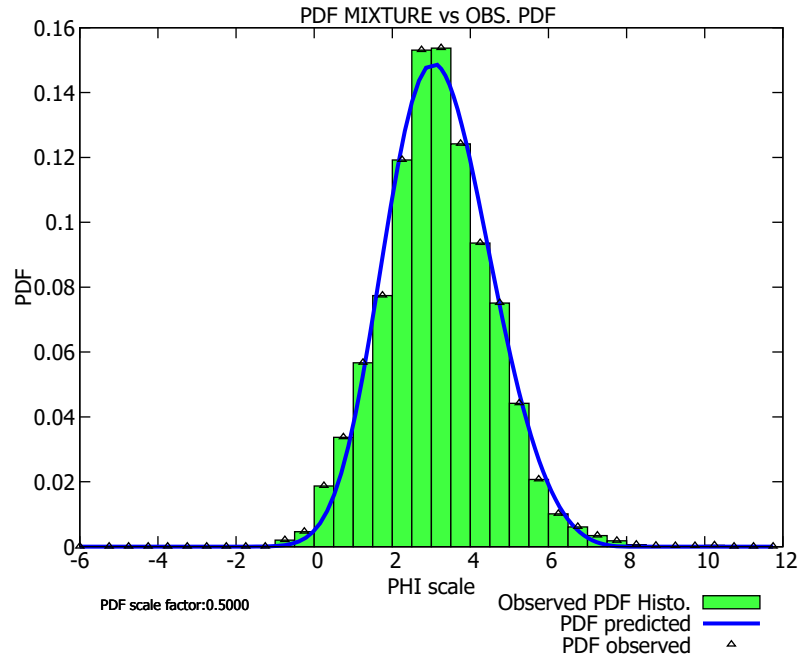
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 2.44366

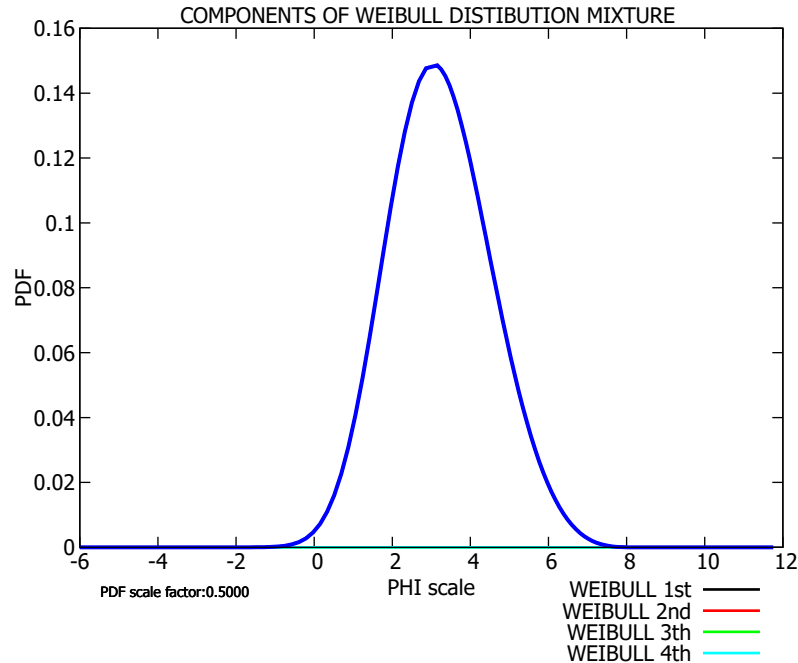
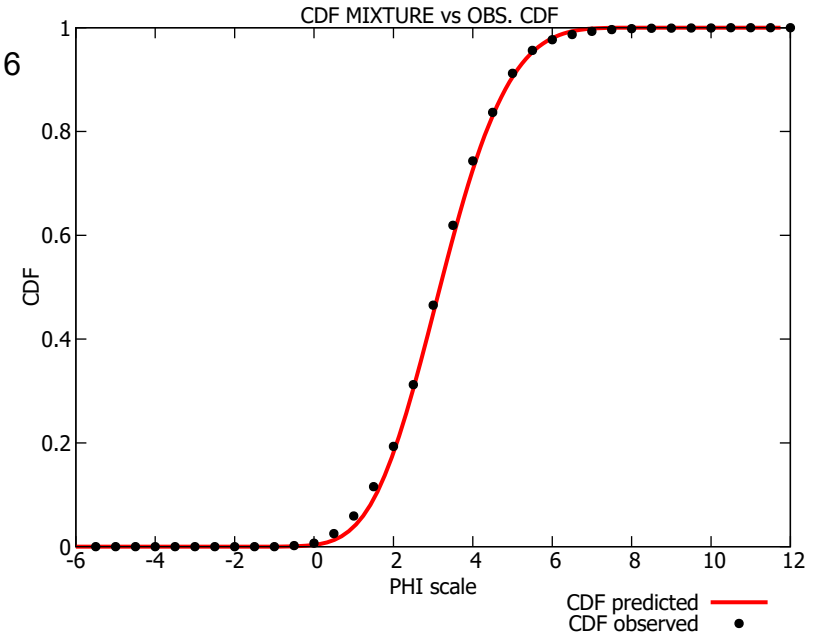
Standard deviation(PHI) = 1.31040 Poorly sorted

Skewness = 0.25446 Symmetrical

Kurtosis(normalized) = 0.43940 Mesokurtic



Sample 16



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
INSIDE PARTICLE SIZE DISTRIBUTIONS
<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA80.dat

OUTPUT REPORT >: S9SA80.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9996312

Coefficient of Determination(R^2) = 0.9998593

Kolmogorov-Smirnoff difference(Ks) = 0.0242371

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9910253

Coefficient of Determination(R^2) = 0.9956807

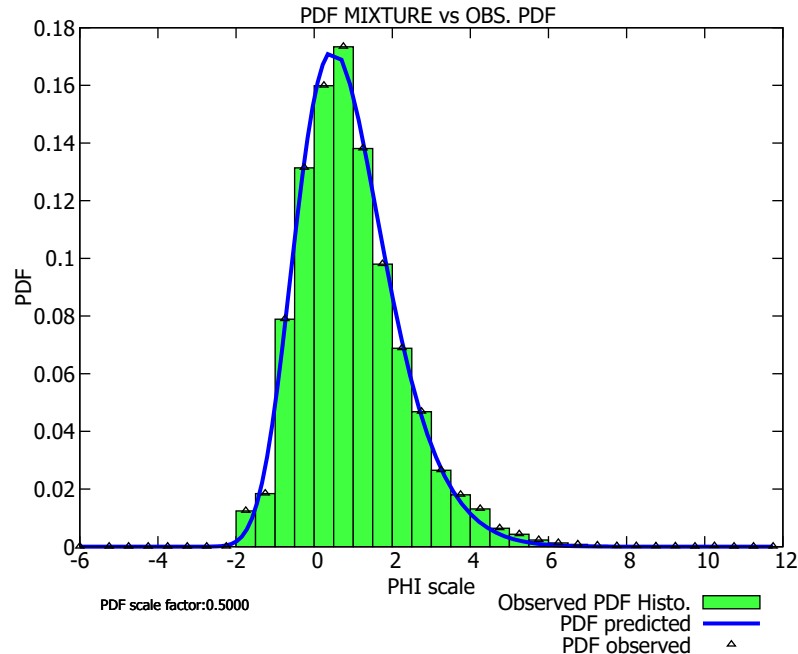
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 3.15293

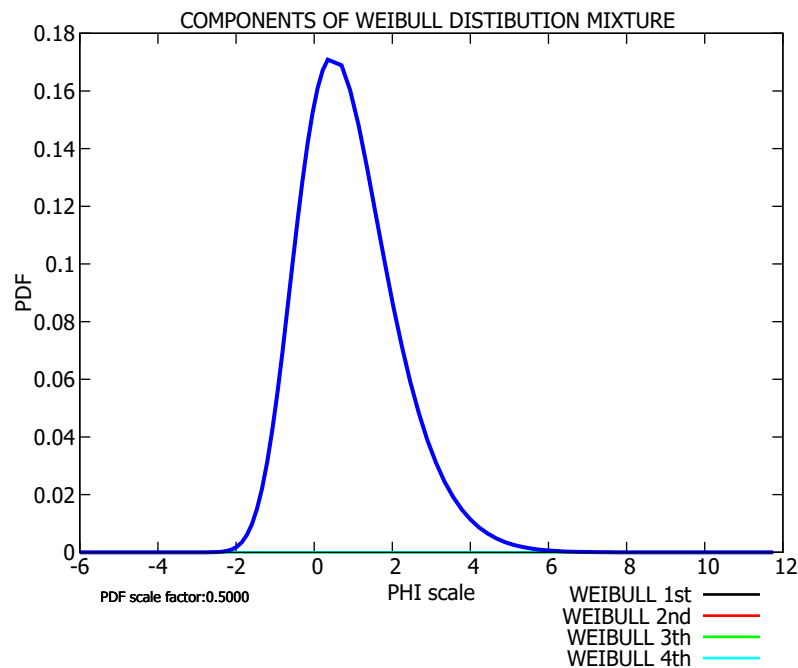
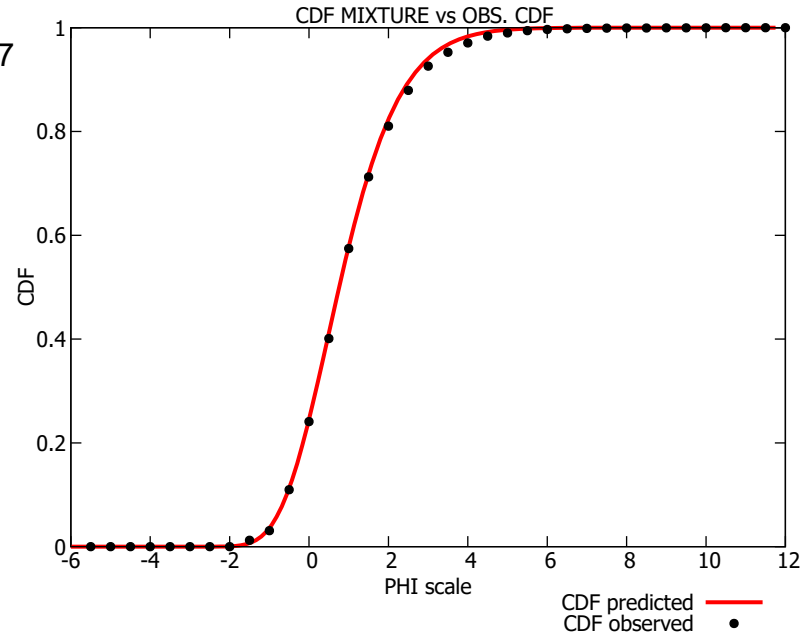
Standard deviation(PHI) = 1.37461 Poorly sorted

Skewness = 0.23828 Symmetrical

Kurtosis(normalized) = 0.45206 Mesokurtic



Sample 17



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
 INSIDE PARTICLE SIZE DISTRIBUTIONS
<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA79.dat

OUTPUT REPORT >: S9SA79.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9997946

Coefficient of Determination(R^2) = 0.9999359

Kolmogorov-Smirnoff difference(Ks) = 0.0158111

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9959696

Coefficient of Determination(R^2) = 0.9981889

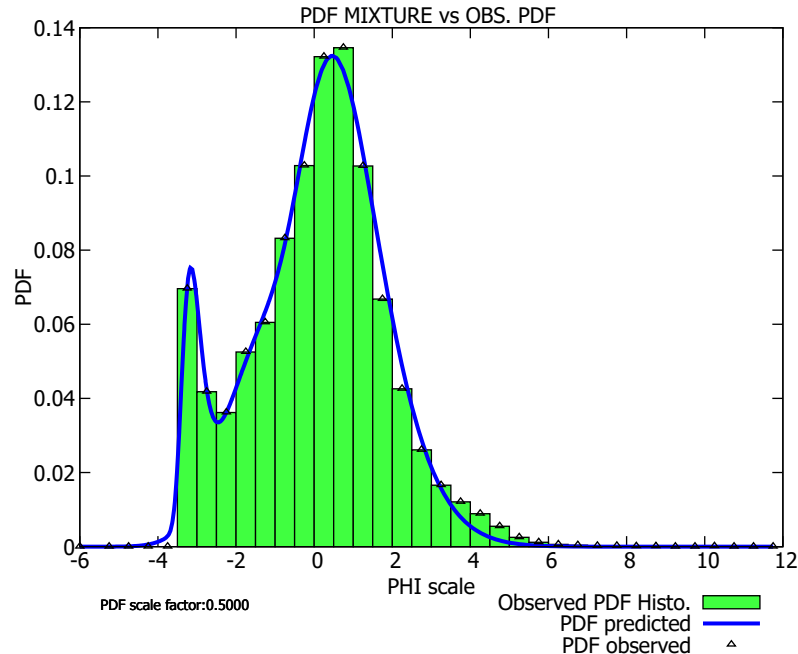
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 0.96155

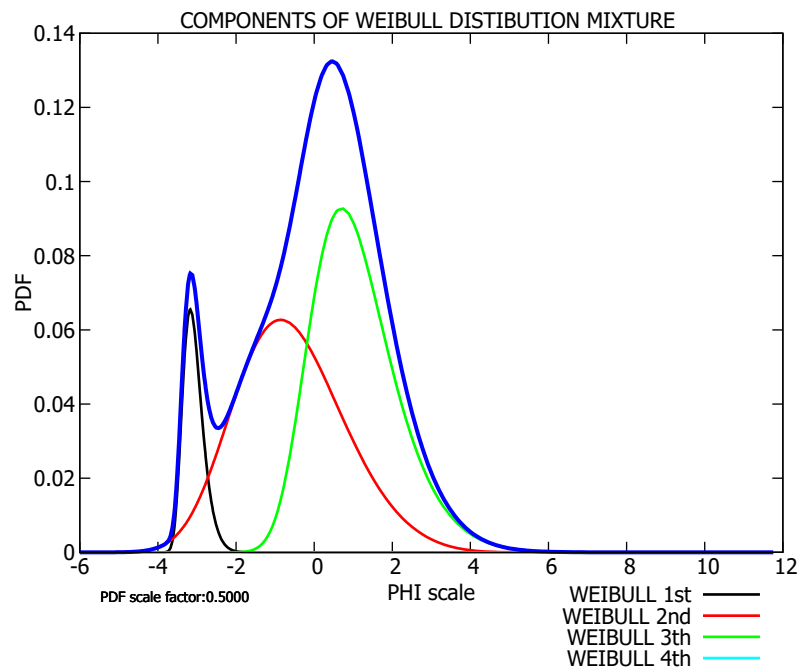
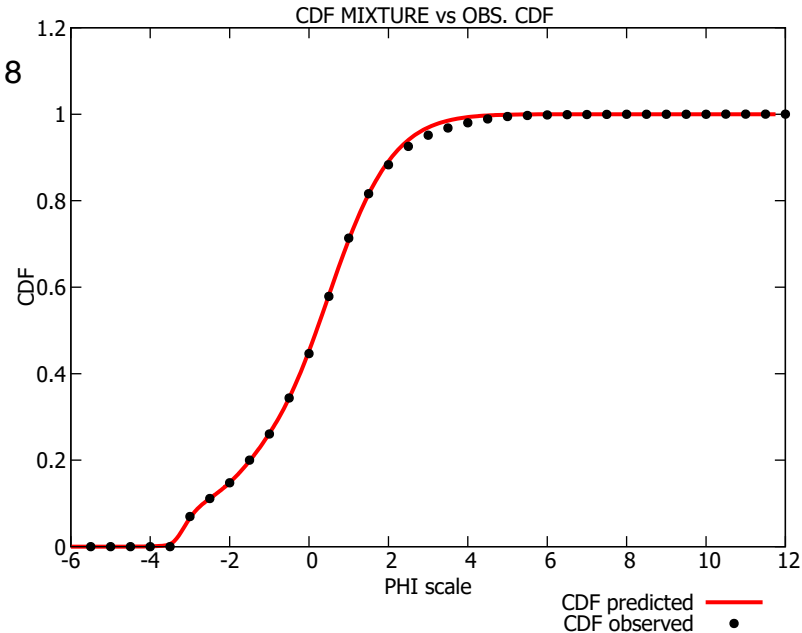
Standard deviation(PHI) = 1.32483 Poorly sorted

Skewness = 0.92659 Positive skewed

Kurtosis(normalized) = 1.67032 Leptokurtic



Sample 18



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
 INSIDE PARTICLE SIZE DISTRIBUTIONS

<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA78c.dat

OUTPUT REPORT >: S9SA78c.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9997849

Coefficient of Determination(R^2) = 0.9999202

Kolmogorov-Smirnoff difference(Ks) = 0.0176912

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9945275

Coefficient of Determination(R^2) = 0.9973704

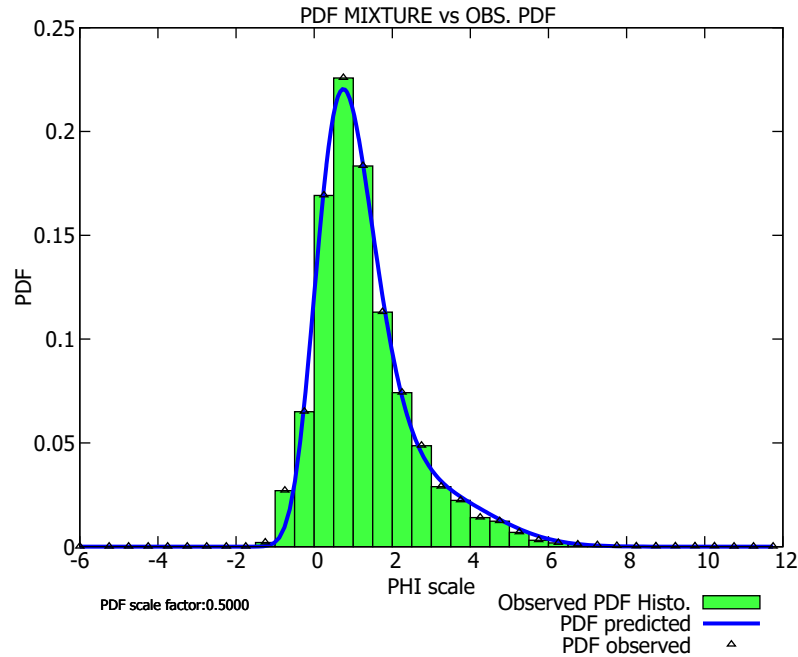
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 0.06795

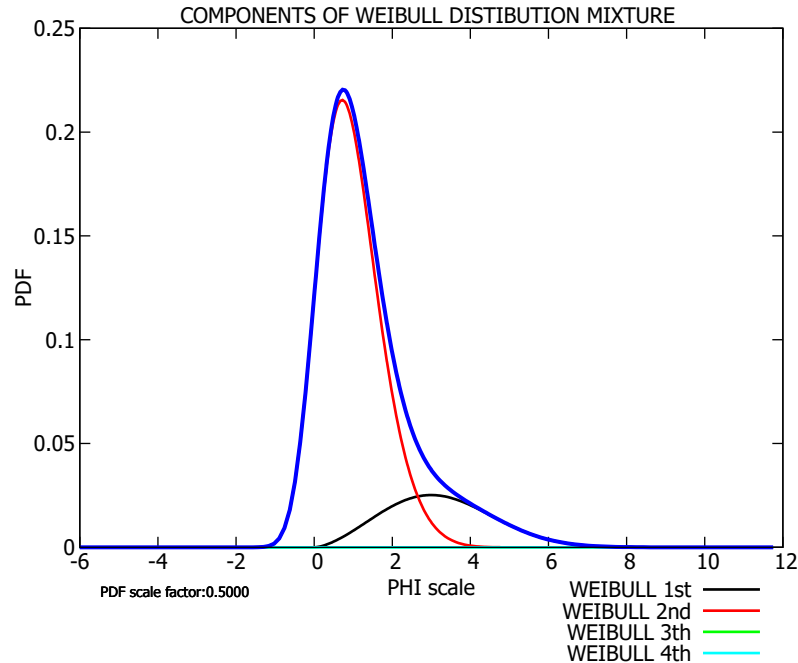
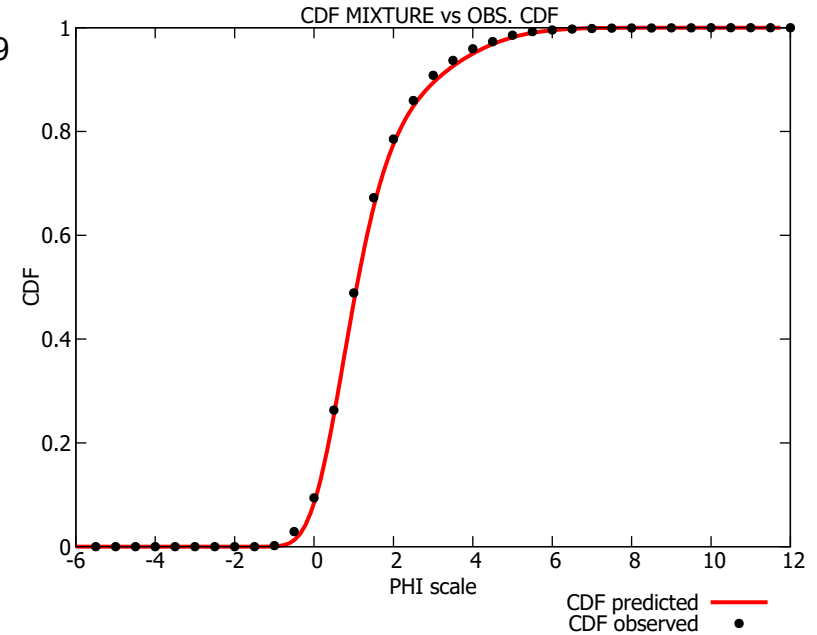
Standard deviation(PHI) = 1.77211 Poorly sorted

Skewness = 0.10212 Symmetrical

Kurtosis(normalized) = 0.04848 Mesokurtic



Sample 19



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
 INSIDE PARTICLE SIZE DISTRIBUTIONS
<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA77.dat

OUTPUT REPORT >: S9SA77.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9997399

Coefficient of Determination(R^2) = 0.9999084

Kolmogorov-Smirnoff difference(Ks) = 0.0189224

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9958139

Coefficient of Determination(R^2) = 0.9979172

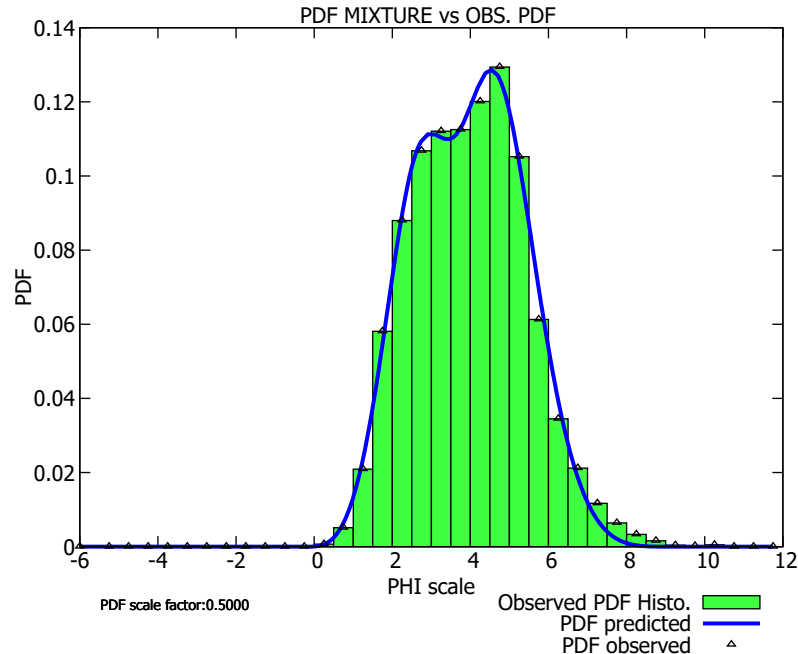
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 1.28168

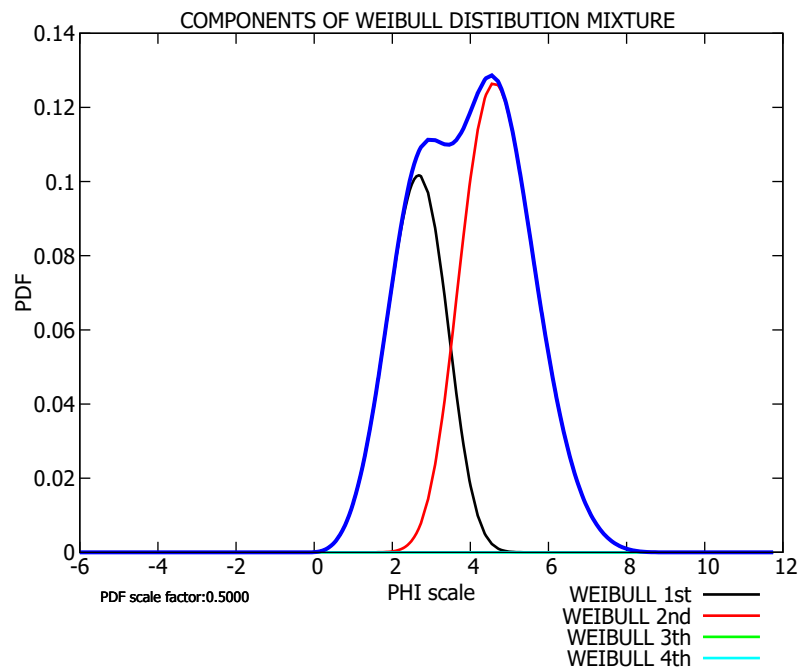
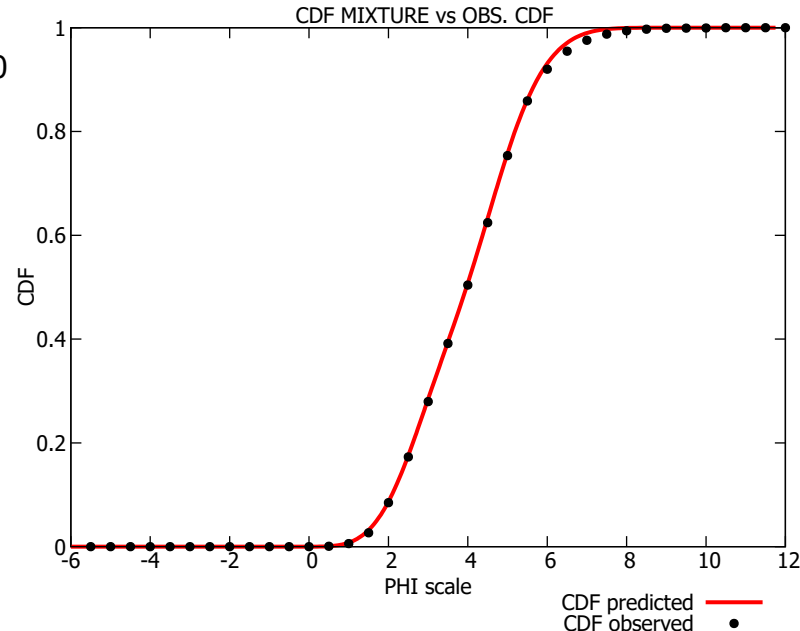
Standard deviation(PHI) = 1.22986 Poorly sorted

Skewness = 1.29362 Positive skewed

Kurtosis(normalized) = 2.55424 Leptokurtic



Sample 20



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
INSIDE PARTICLE SIZE DISTRIBUTIONS
<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA76.dat

OUTPUT REPORT >: S9SA76.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9998765

Coefficient of Determination(R^2) = 0.9999658

Kolmogorov-Smirnoff difference(Ks) = 0.0161211

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9967021

Coefficient of Determination(R^2) = 0.9984418

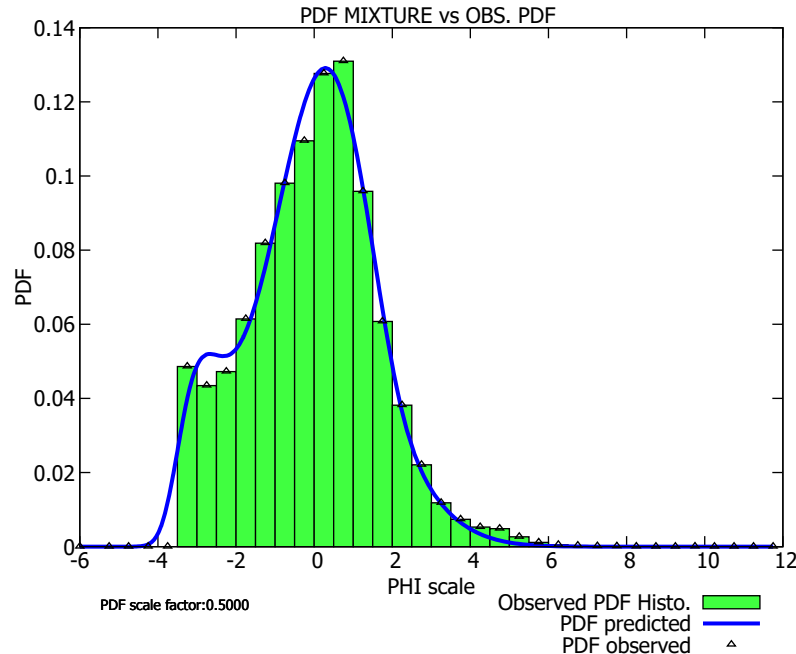
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 3.98470

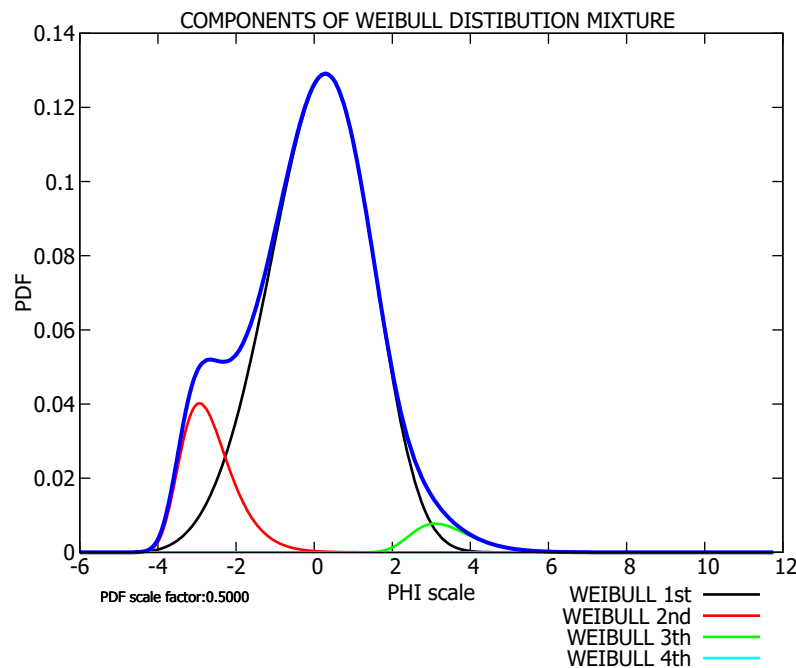
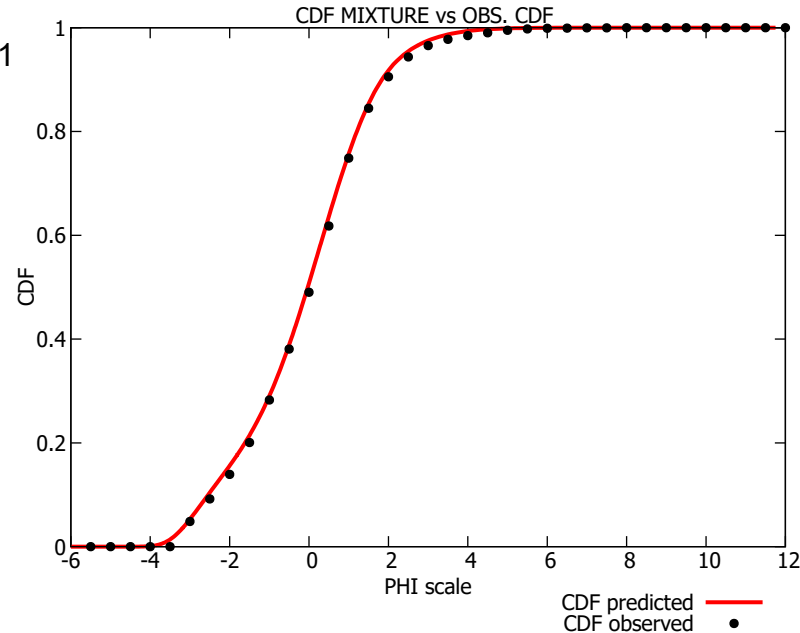
Standard deviation(PHI) = 1.44844 Poorly sorted

Skewness = 0.27695 Symmetrical

Kurtosis(normalized) = -0.13146 Mesokurtic



Sample 21



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
 INSIDE PARTICLE SIZE DISTRIBUTIONS

<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA75.dat

OUTPUT REPORT >: S9SA75.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9995962

Coefficient of Determination(R^2) = 0.9998992

Kolmogorov-Smirnoff difference(Ks) = 0.0187258

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9899500

Coefficient of Determination(R^2) = 0.9949698

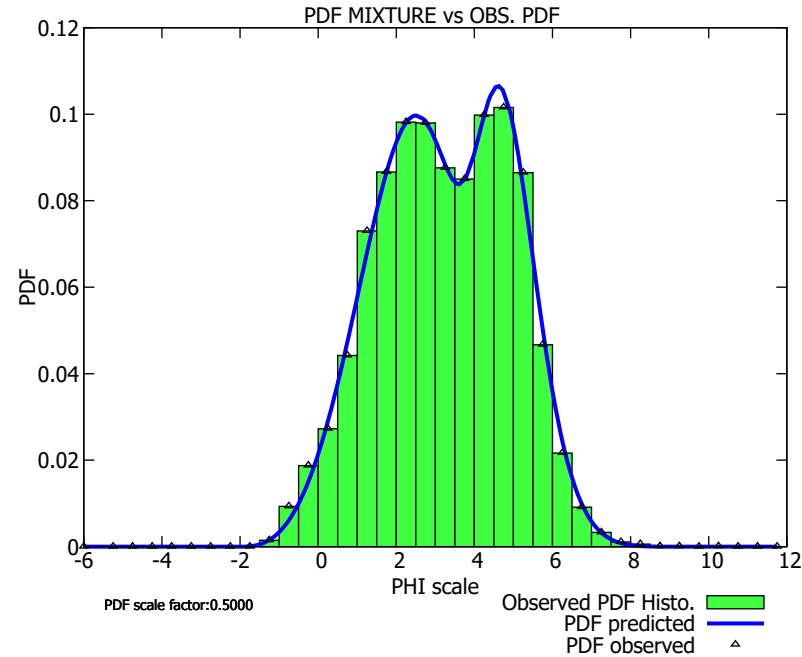
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = -0.04981

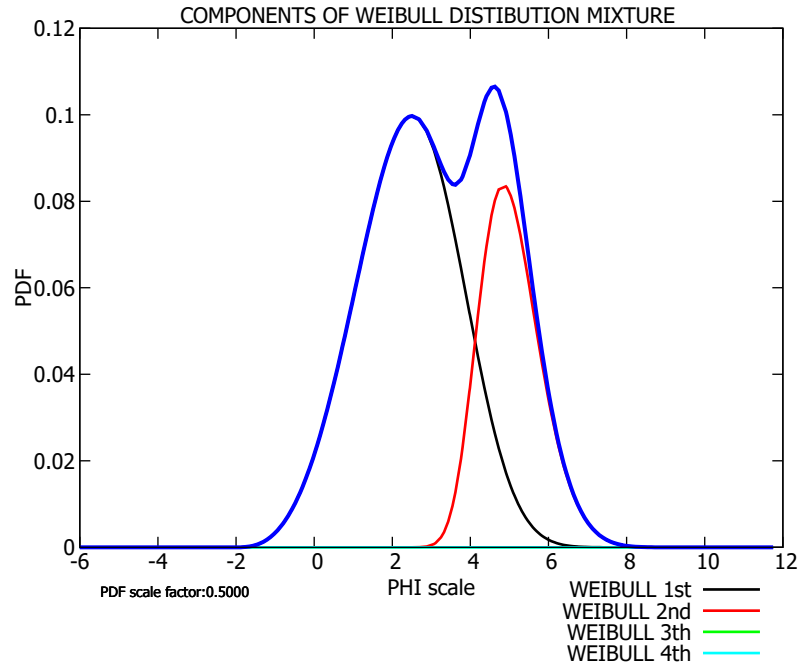
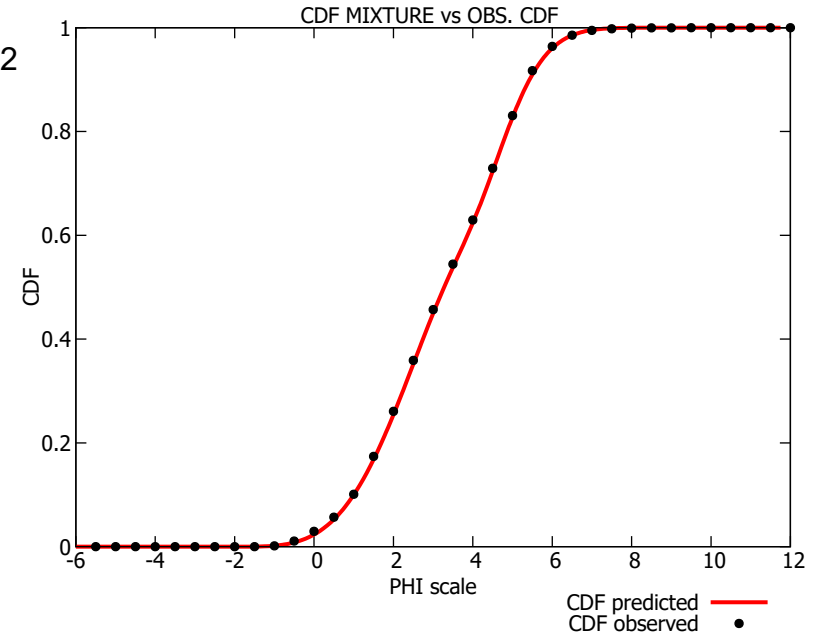
Standard deviation(PHI) = 1.66497 Poorly sorted

Skewness = 0.19836 Symmetrical

Kurtosis(normalized) = 0.17238 Mesokurtic



Sample 22



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
INSIDE PARTICLE SIZE DISTRIBUTIONS
<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA43.dat

OUTPUT REPORT >: S9SA43.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9999373

Coefficient of Determination(R^2) = 0.9999787

Kolmogorov-Smirnoff difference(Ks) = 0.0074835

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9979082

Coefficient of Determination(R^2) = 0.9989604

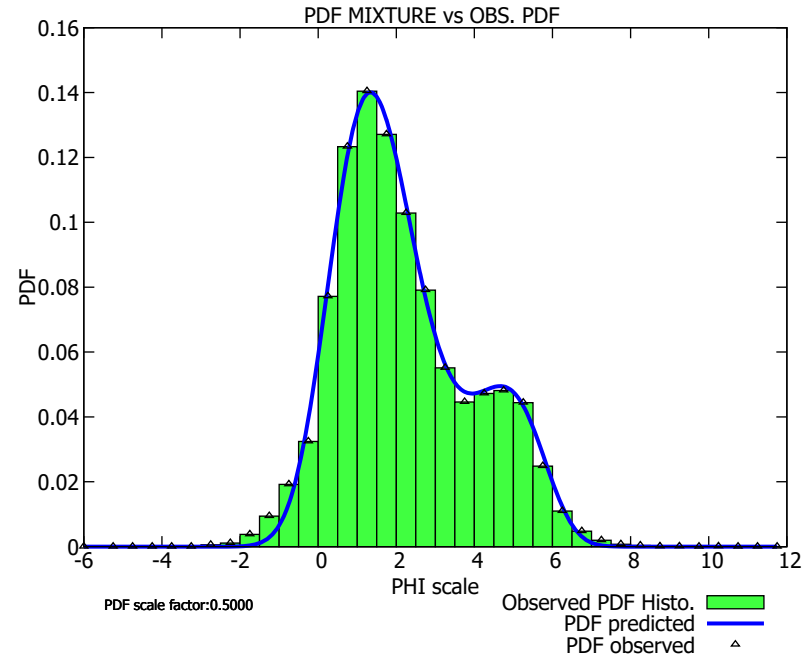
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 3.22926

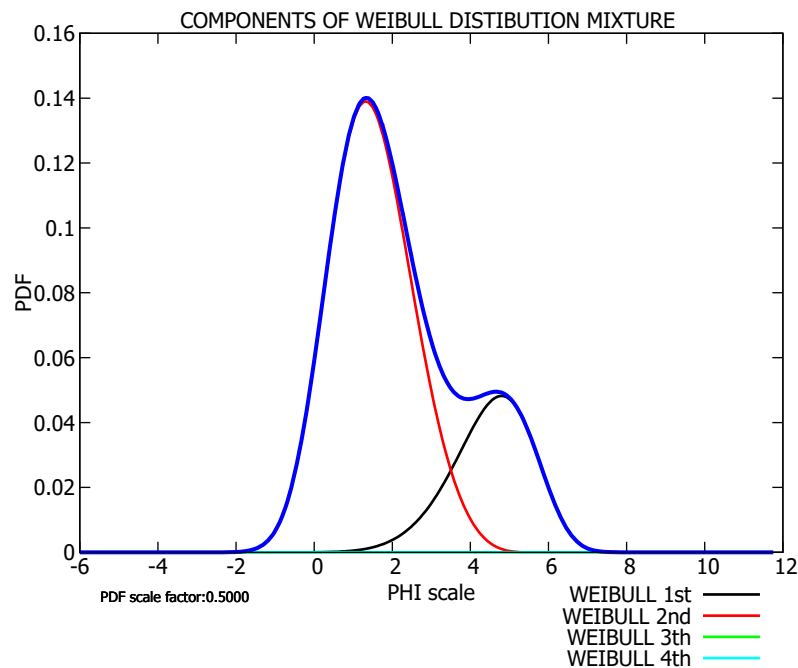
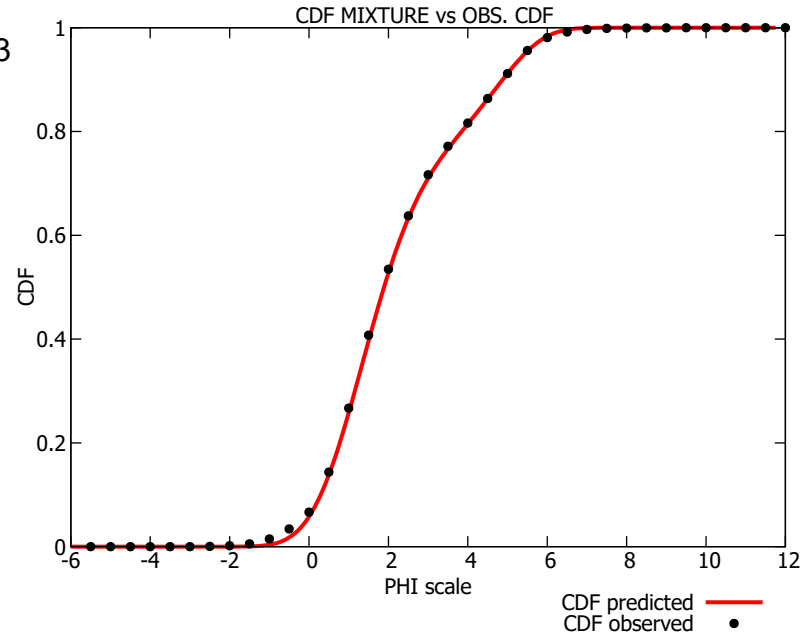
Standard deviation(PHI) = 1.69939 Poorly sorted

Skewness = -0.09064 Symmetrical

Kurtosis(normalized) = -0.65557 Platykurtic



Sample 23



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
INSIDE PARTICLE SIZE DISTRIBUTIONS

<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA42.dat

OUTPUT REPORT >: S9SA42.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9998667

Coefficient of Determination(R^2) = 0.9999583

Kolmogorov-Smirnoff difference(Ks) = 0.0164824

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9961554

Coefficient of Determination(R^2) = 0.9982353

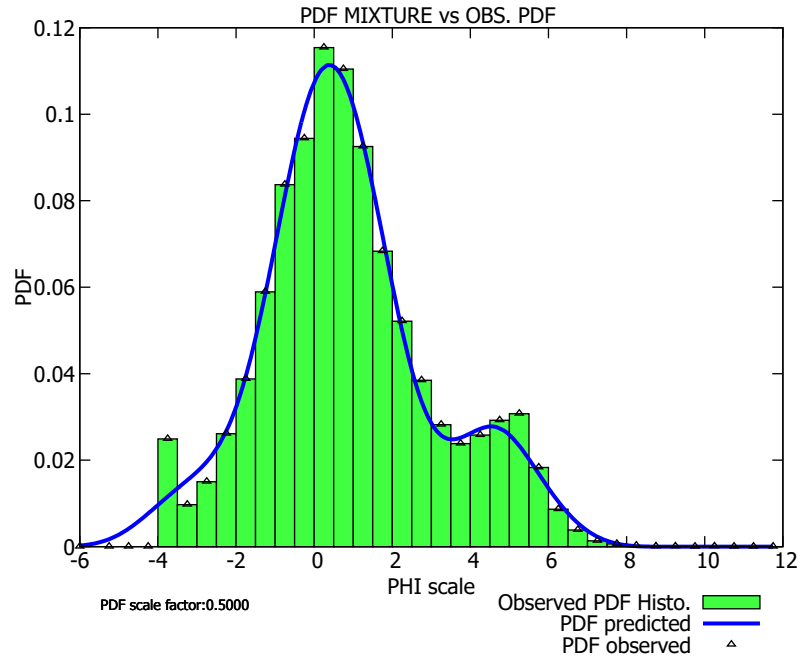
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 2.19404

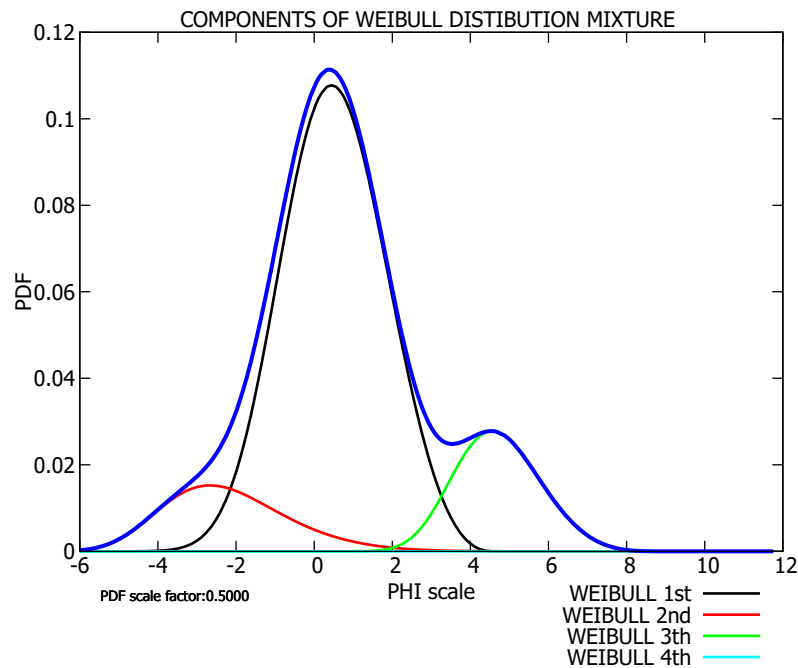
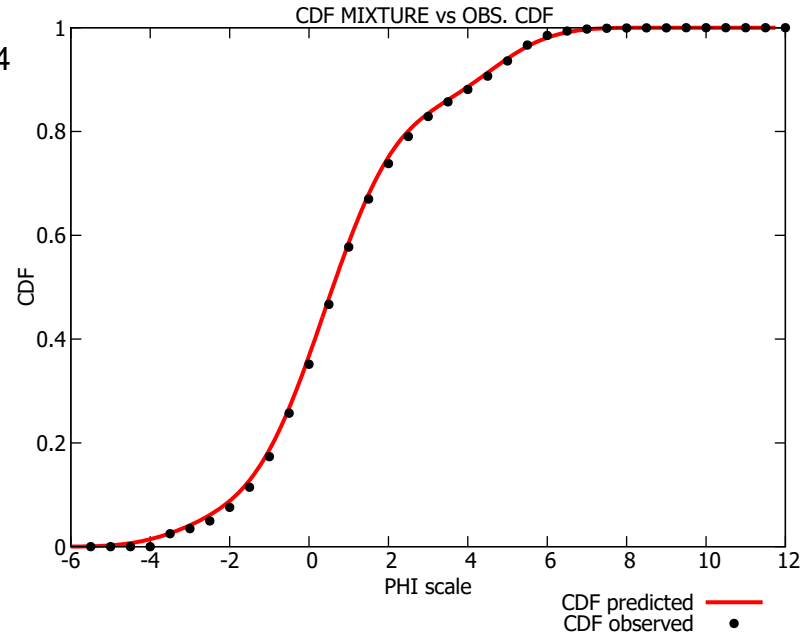
Standard deviation(PHI) = 1.74508 Poorly sorted

Skewness = 0.52030 Positive skewed

Kurtosis(normalized) = -0.23154 Mesokurtic



Sample 24



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
 INSIDE PARTICLE SIZE DISTRIBUTIONS
<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA41.dat

OUTPUT REPORT >: S9SA41.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9996588

Coefficient of Determination(R^2) = 0.9999376

Kolmogorov-Smirnoff difference(Ks) = 0.0162750

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9879800

Coefficient of Determination(R^2) = 0.9940061

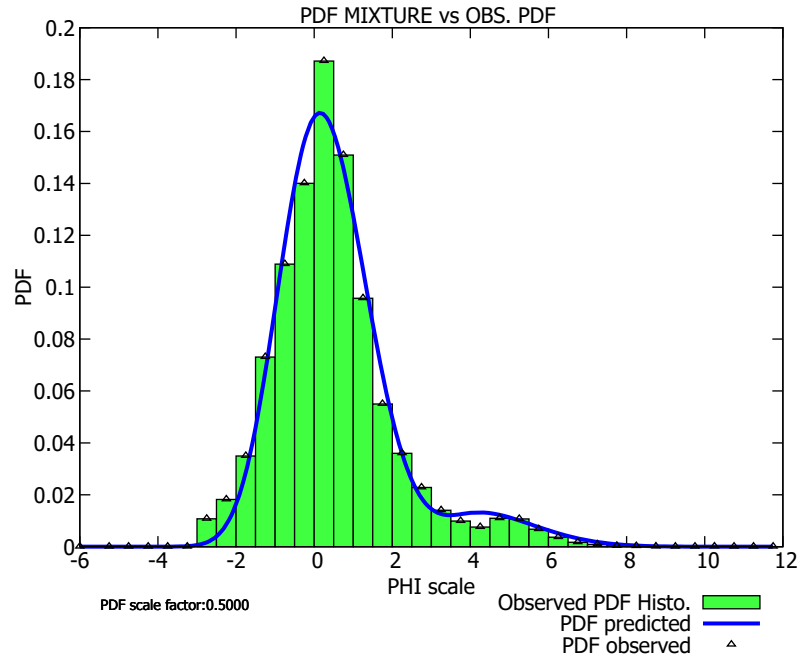
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 0.91685

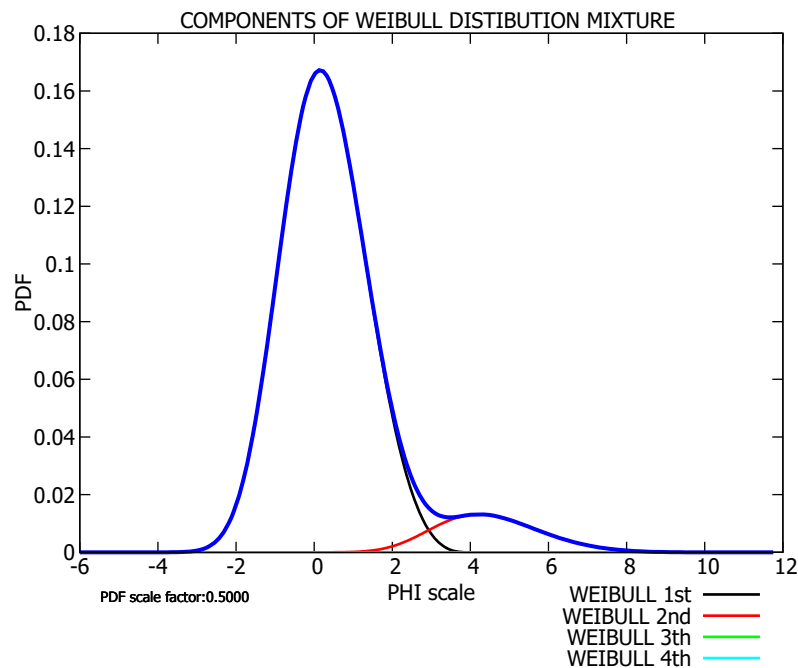
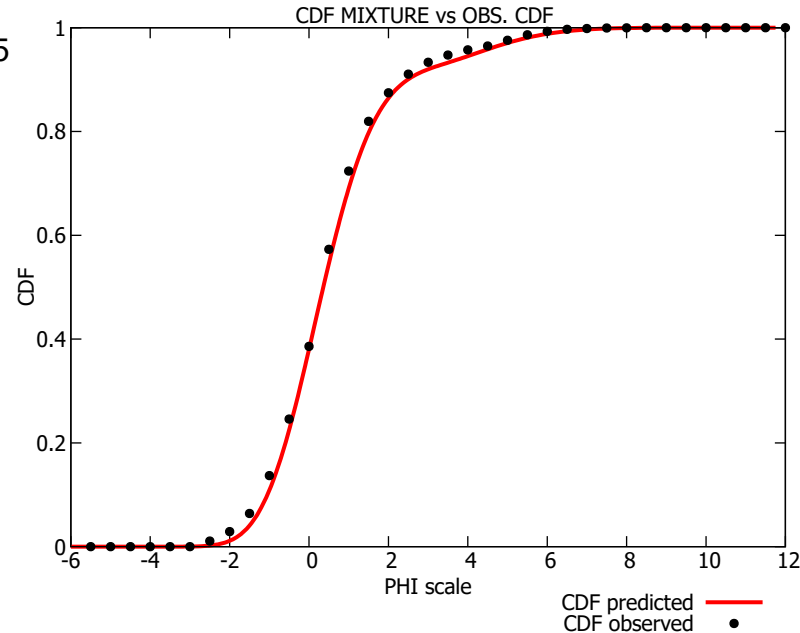
Standard deviation(PHI) = 2.21968 Very poorly sorted

Skewness = 0.42712 Symmetrical

Kurtosis(normalized) = -0.01997 Mesokurtic



Sample 25



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
 INSIDE PARTICLE SIZE DISTRIBUTIONS
<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA40.dat

OUTPUT REPORT >: S9SA40.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9991640

Coefficient of Determination(R^2) = 0.9997540

Kolmogorov-Smirnoff difference(Ks) = 0.0333080

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9836769

Coefficient of Determination(R^2) = 0.9918392

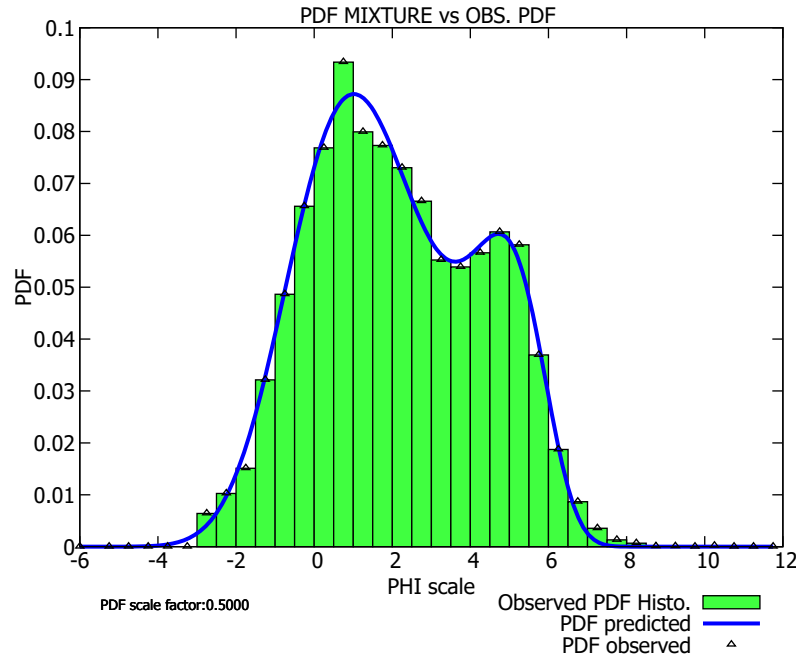
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 0.48786

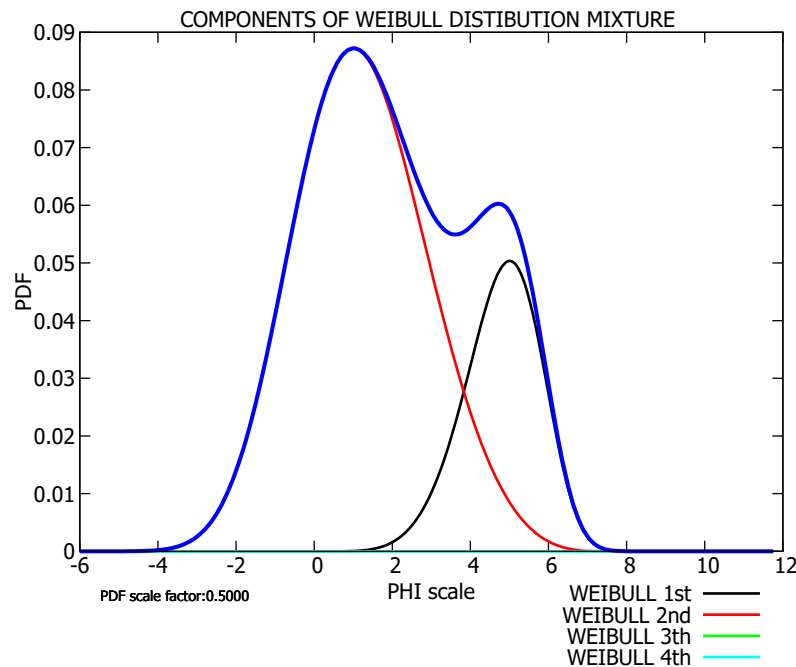
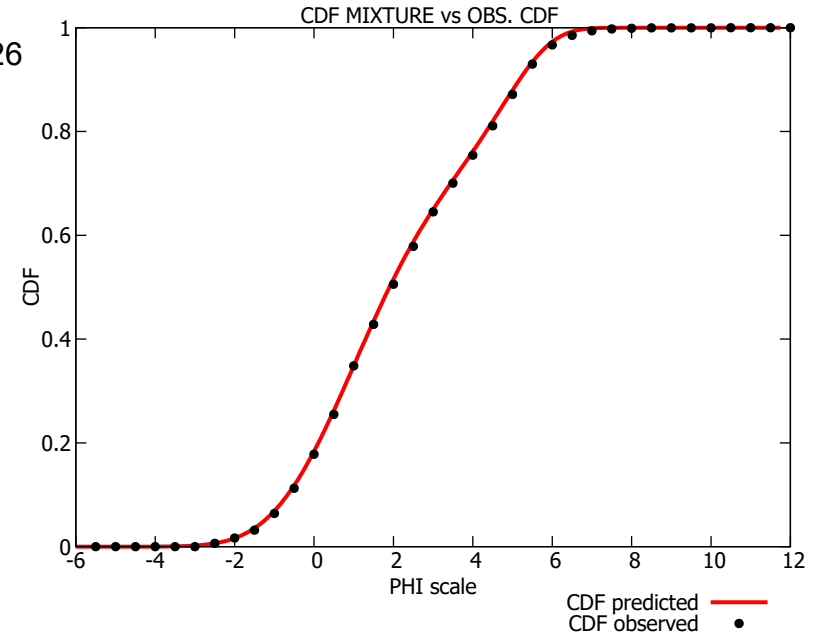
Standard deviation(PHI) = 1.56313 Poorly sorted

Skewness = 1.14779 Positive skewed

Kurtosis(normalized) = 2.34003 Leptokurtic



Sample 26



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
 INSIDE PARTICLE SIZE DISTRIBUTIONS

<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA39.dat

OUTPUT REPORT >: S9SA39.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9998787

Coefficient of Determination(R^2) = 0.9999694

Kolmogorov-Smirnoff difference(Ks) = 0.0099710

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9945178

Coefficient of Determination(R^2) = 0.9972895

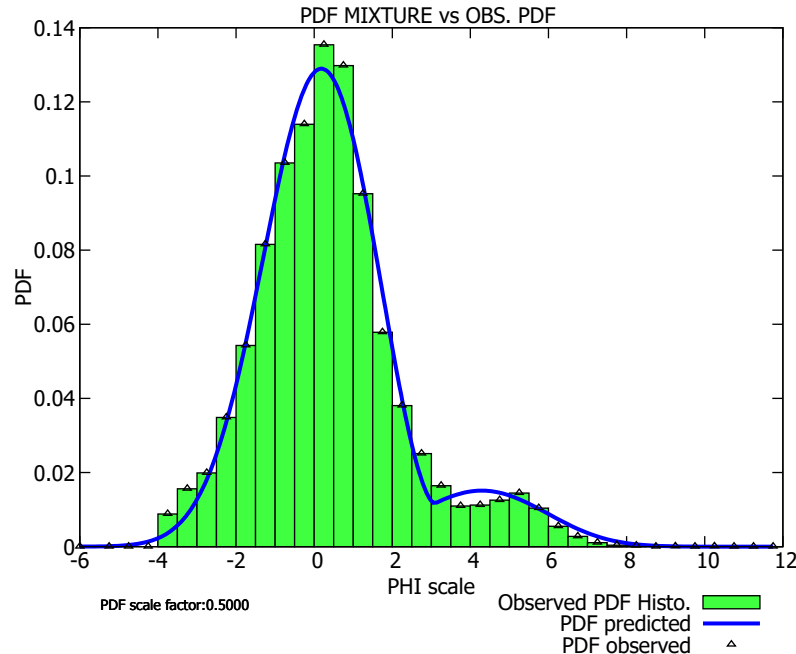
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 2.16063

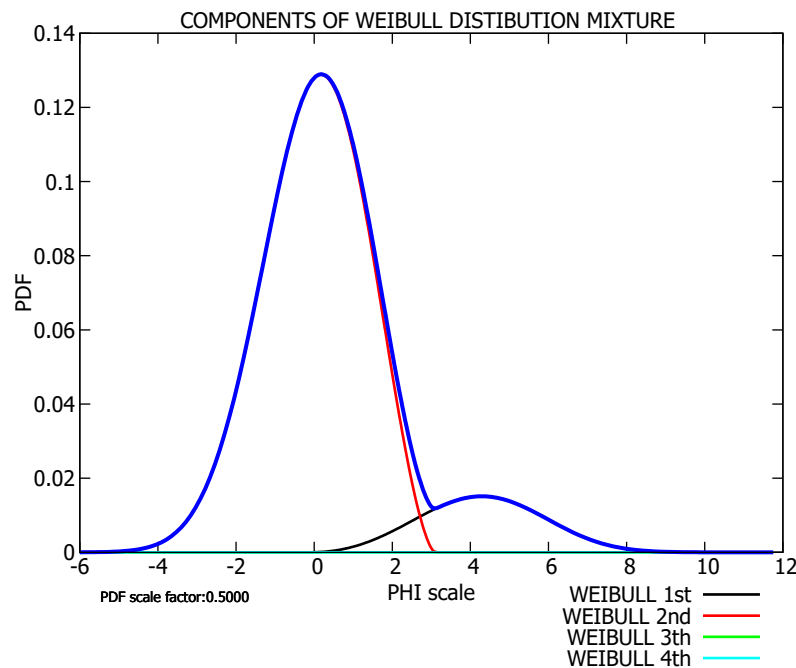
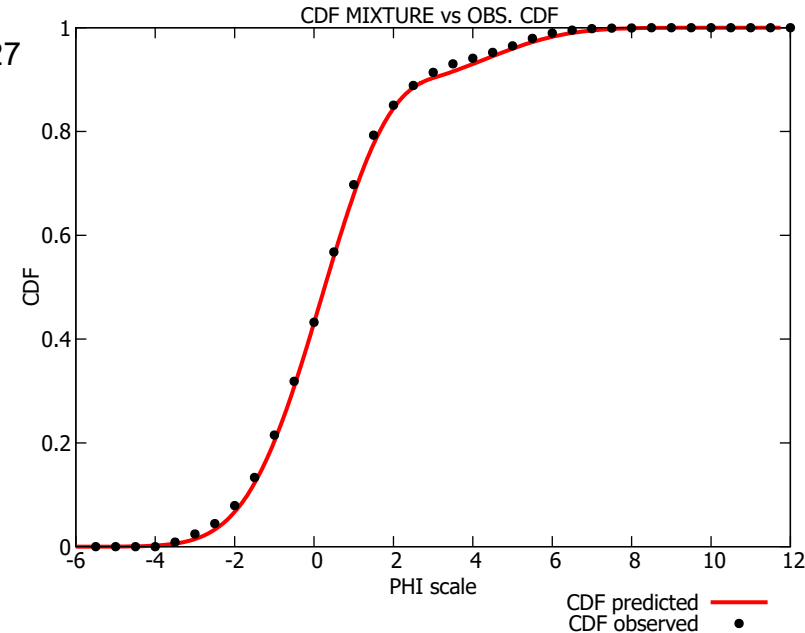
Standard deviation(PHI) = 2.19770 Very poorly sorted

Skewness = 0.15366 Symmetrical

Kurtosis(normalized) = -0.79873 Platykurtic



Sample 27



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
INSIDE PARTICLE SIZE DISTRIBUTIONS
<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA38.dat

OUTPUT REPORT >: S9SA38.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9996260

Coefficient of Determination(R^2) = 0.9999058

Kolmogorov-Smirnoff difference(Ks) = 0.0192404

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9902959

Coefficient of Determination(R^2) = 0.9951416

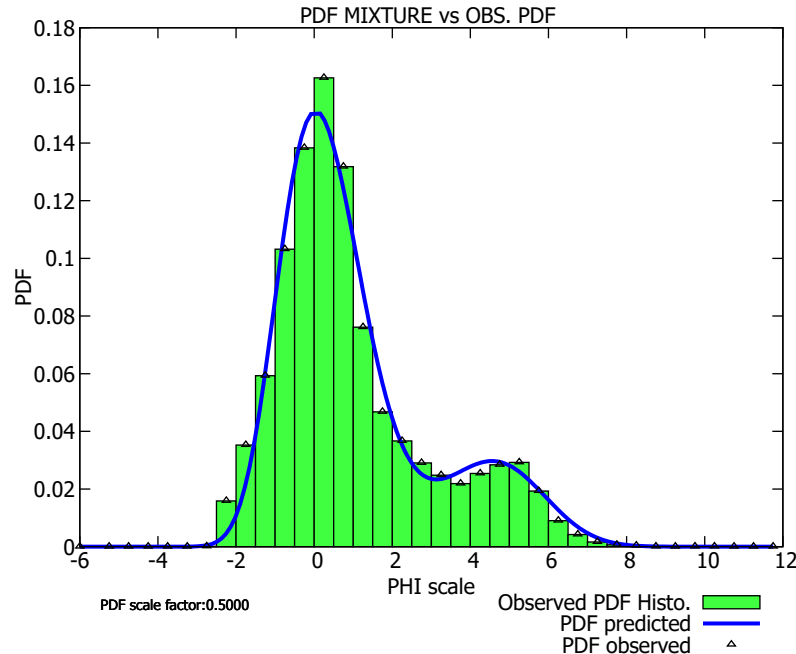
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 0.39306

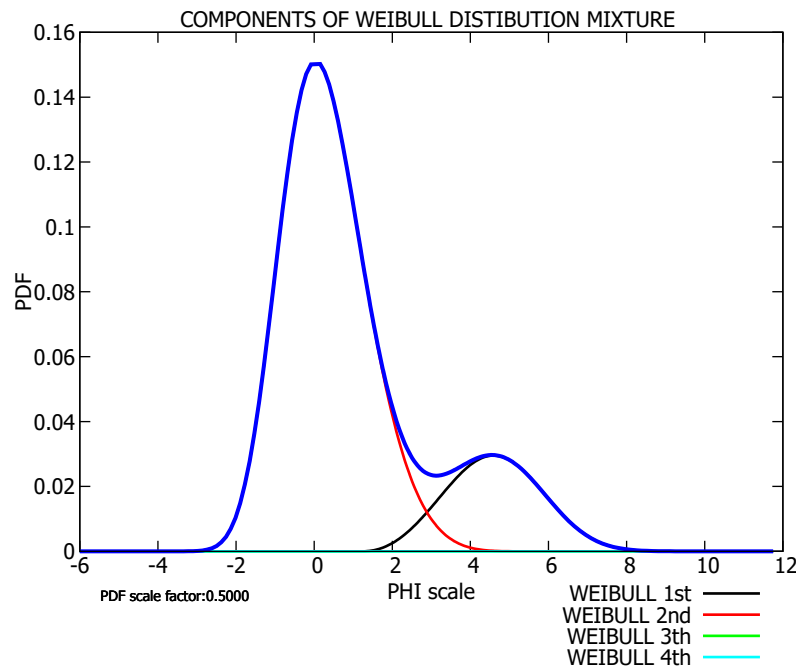
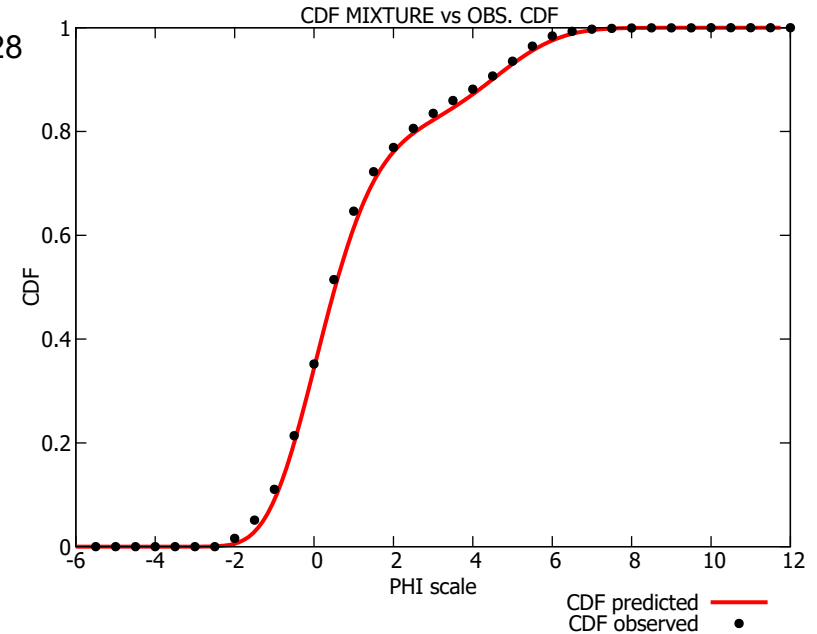
Standard deviation(PHI) = 1.88897 Poorly sorted

Skewness = 0.77805 Positive skewed

Kurtosis(normalized) = 1.15103 Leptokurtic



Sample 28



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
 INSIDE PARTICLE SIZE DISTRIBUTIONS

<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA37.dat

OUTPUT REPORT >: S9SA37.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9993491

Coefficient of Determination(R^2) = 0.9998048

Kolmogorov-Smirnoff difference(Ks) = 0.0317206

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9842387

Coefficient of Determination(R^2) = 0.9920973

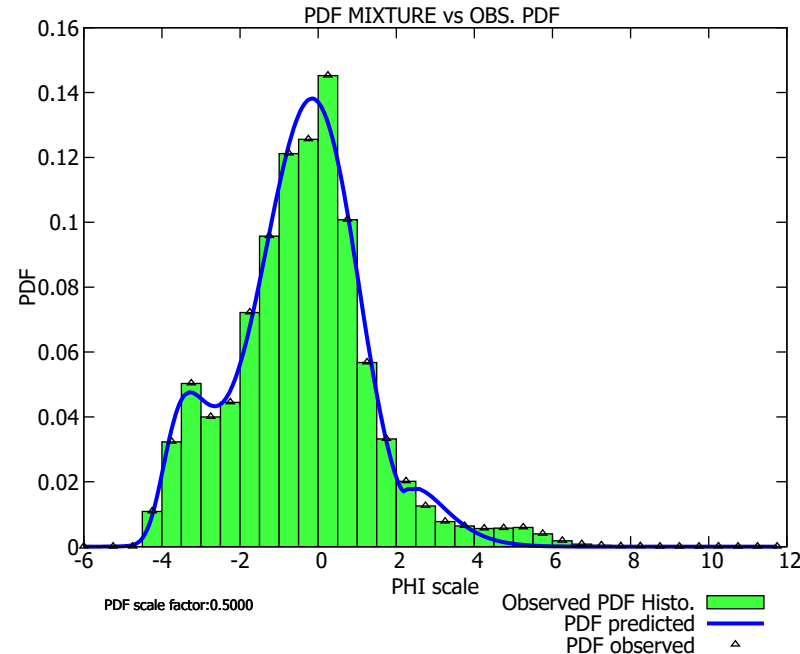
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 0.97393

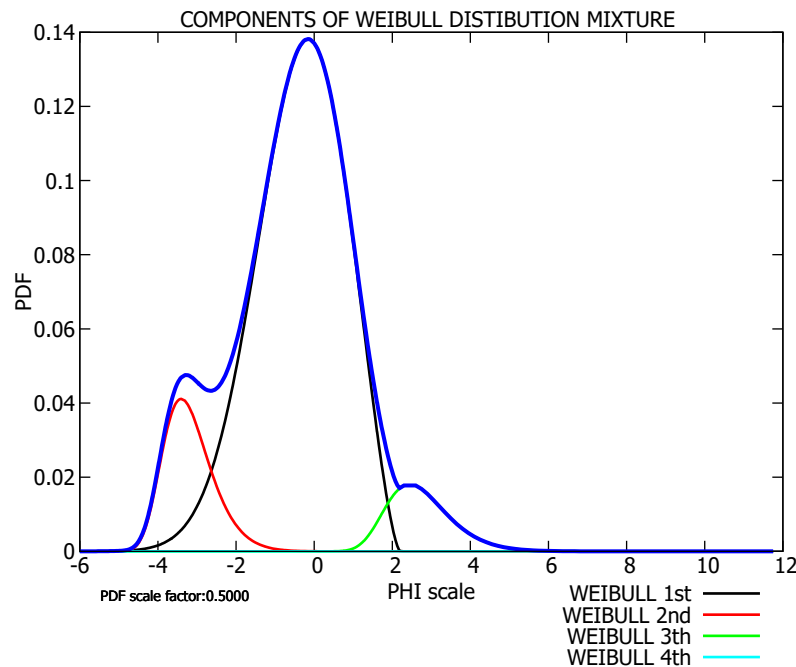
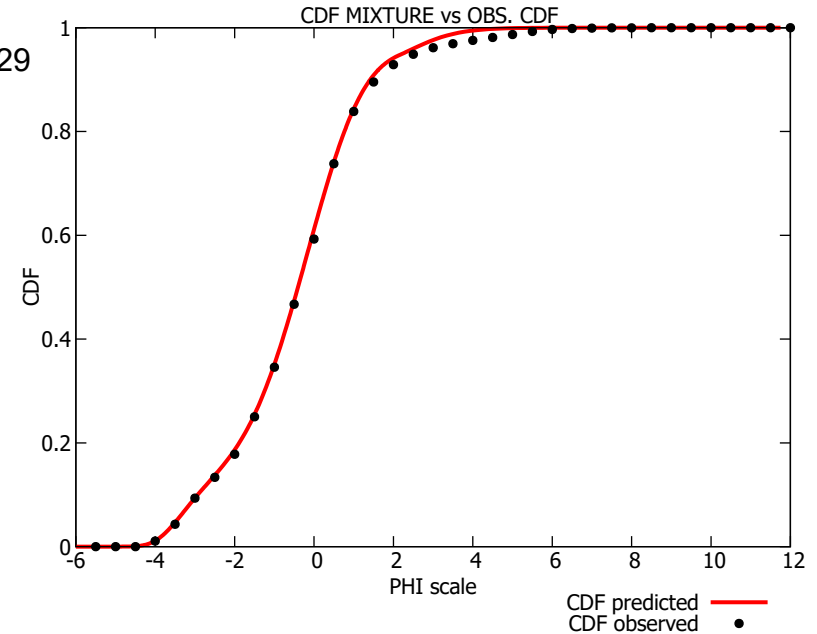
Standard deviation(PHI) = 1.98742 Poorly sorted

Skewness = 1.02260 Positive skewed

Kurtosis(normalized) = 0.42370 Mesokurtic



Sample 29



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
 INSIDE PARTICLE SIZE DISTRIBUTIONS
<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA36.dat

OUTPUT REPORT >: S9SA36.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9995536

Coefficient of Determination(R^2) = 0.9998759

Kolmogorov-Smirnoff difference(Ks) = 0.0190381

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9898244

Coefficient of Determination(R^2) = 0.9950270

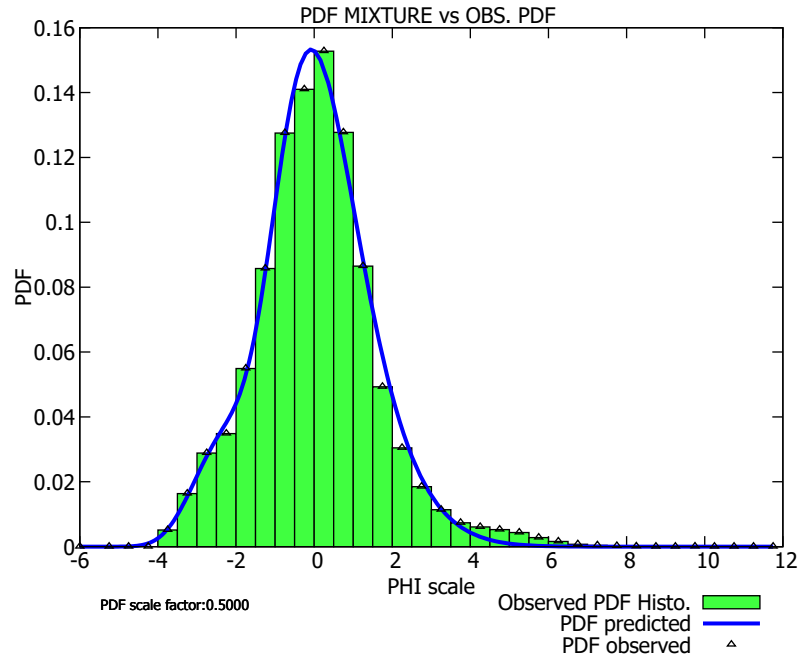
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = -0.41195

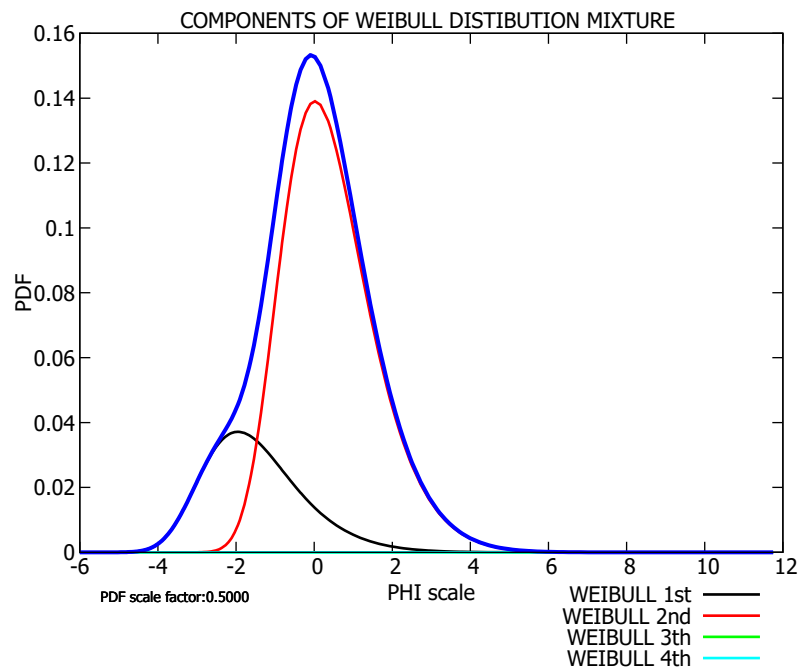
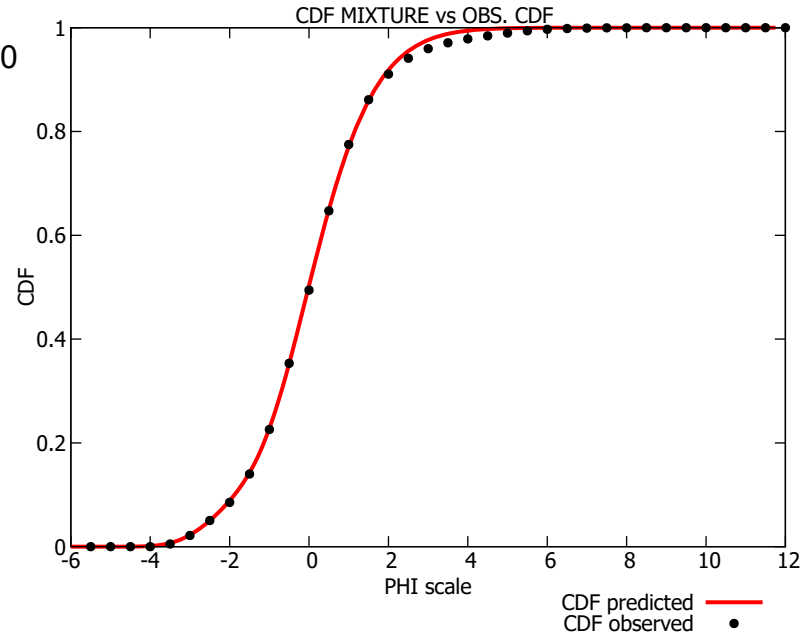
Standard deviation(PHI) = 1.79374 Poorly sorted

Skewness = 0.49170 Positive skewed

Kurtosis(normalized) = 1.18666 Leptokurtic



Sample 30



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
 INSIDE PARTICLE SIZE DISTRIBUTIONS

<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA35.dat

OUTPUT REPORT >: S9SA35.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9997529

Coefficient of Determination(R^2) = 0.9999168

Kolmogorov-Smirnoff difference(Ks) = 0.0172154

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9947294

Coefficient of Determination(R^2) = 0.9974093

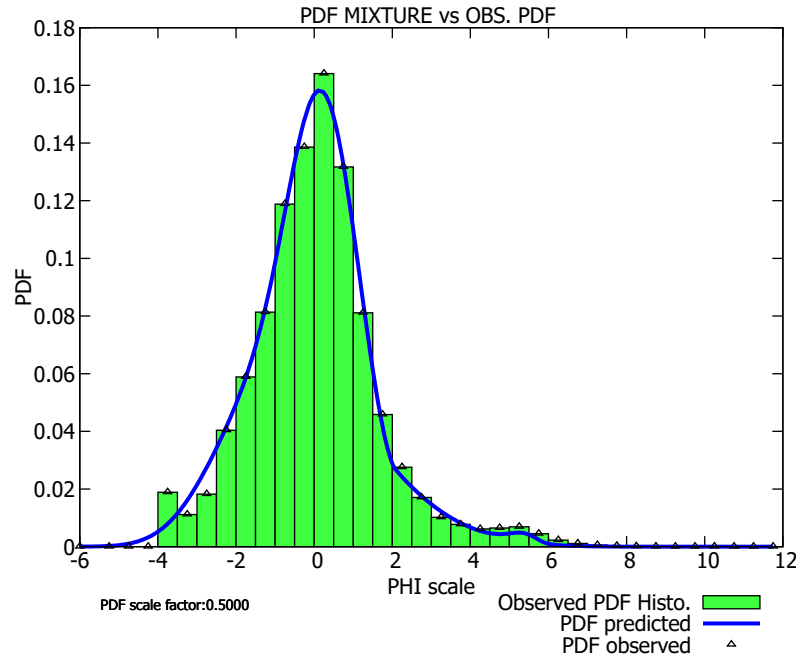
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 0.05966

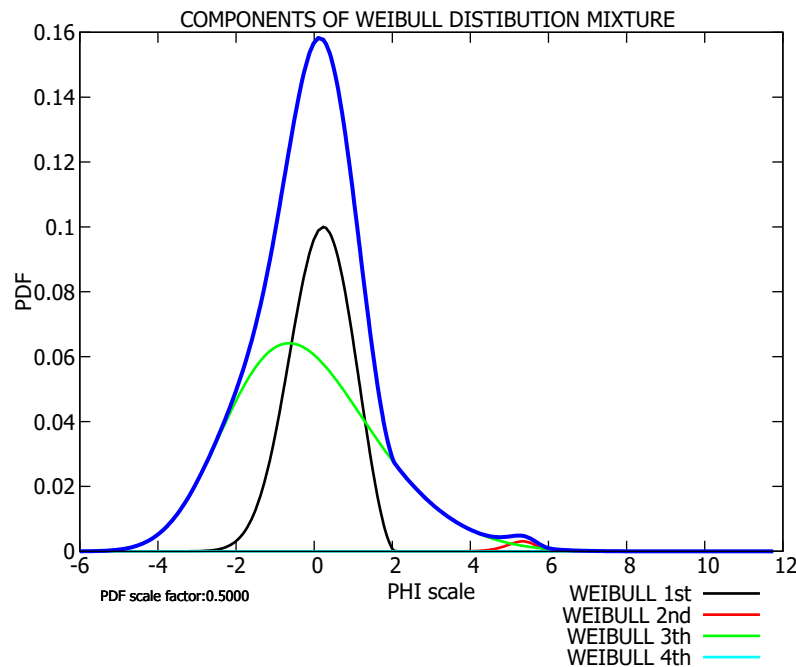
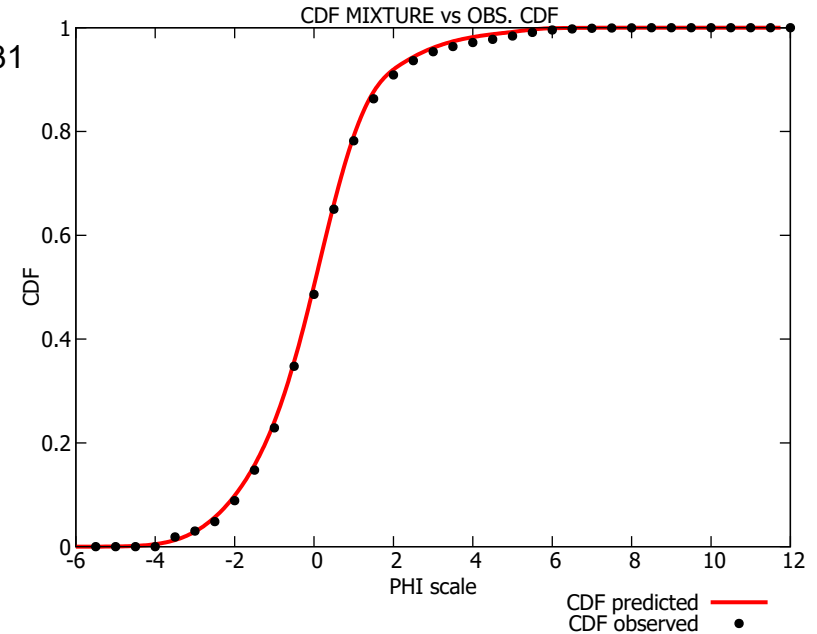
Standard deviation(PHI) = 1.55993 Poorly sorted

Skewness = 0.59165 Positive skewed

Kurtosis(normalized) = 1.52760 Leptokurtic



Sample 31



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
 INSIDE PARTICLE SIZE DISTRIBUTIONS
<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA34.dat

OUTPUT REPORT >: S9SA34.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9997026

Coefficient of Determination(R^2) = 0.9999194

Kolmogorov-Smirnoff difference(Ks) = 0.0173972

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9937361

Coefficient of Determination(R^2) = 0.9969040

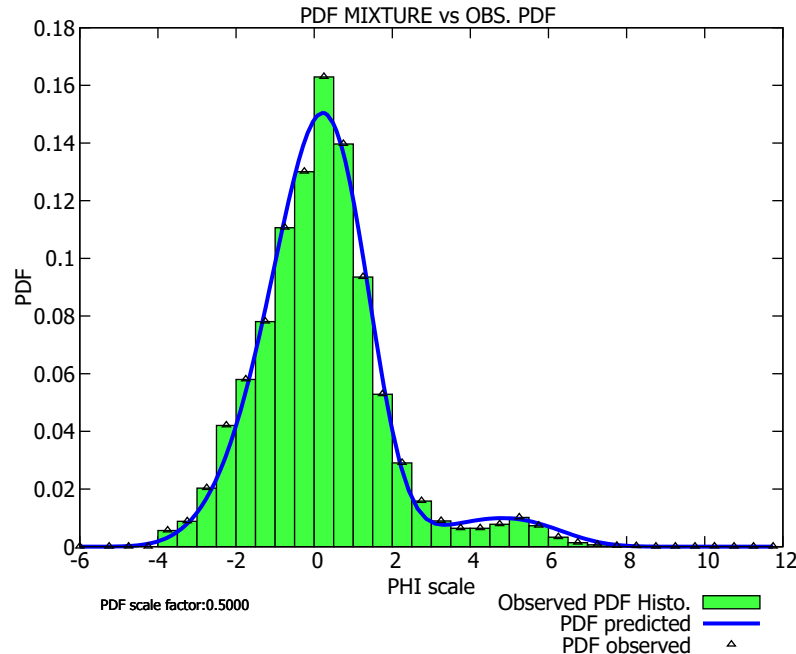
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 0.06579

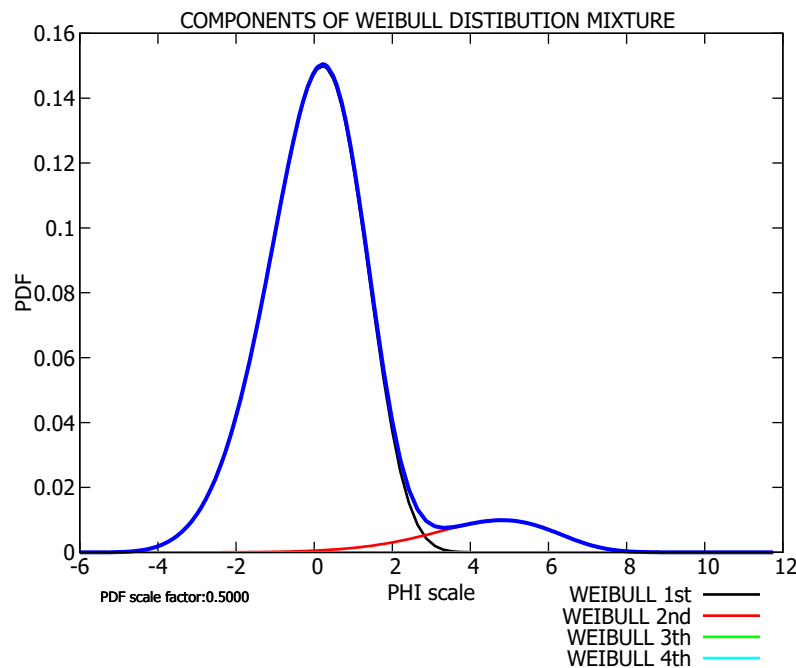
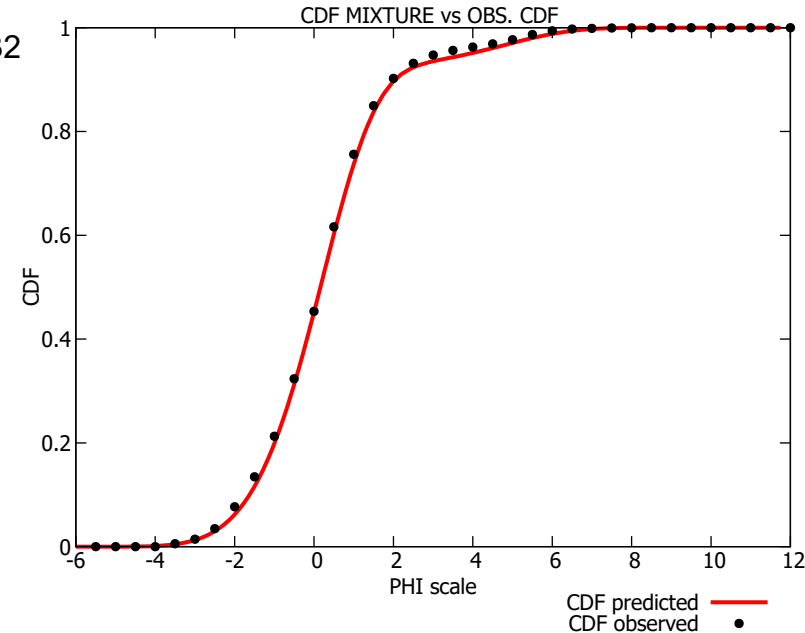
Standard deviation(PHI) = 1.63659 Poorly sorted

Skewness = 0.65347 Positive skewed

Kurtosis(normalized) = 1.88189 Leptokurtic



Sample 32



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
 INSIDE PARTICLE SIZE DISTRIBUTIONS

<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA33.dat

OUTPUT REPORT >: S9SA33.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9996200

Coefficient of Determination(R^2) = 0.9998938

Kolmogorov-Smirnoff difference(Ks) = 0.0188991

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9918573

Coefficient of Determination(R^2) = 0.9959271

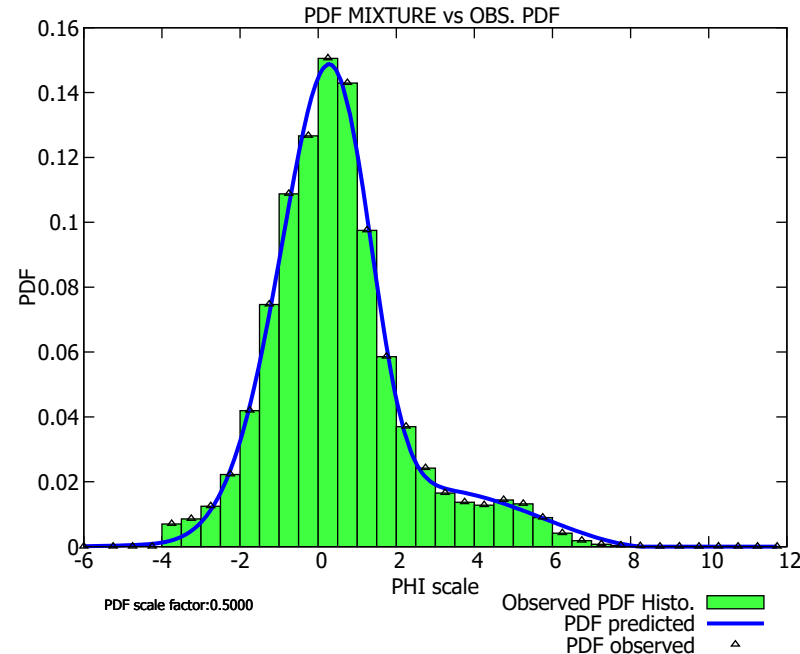
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 0.20002

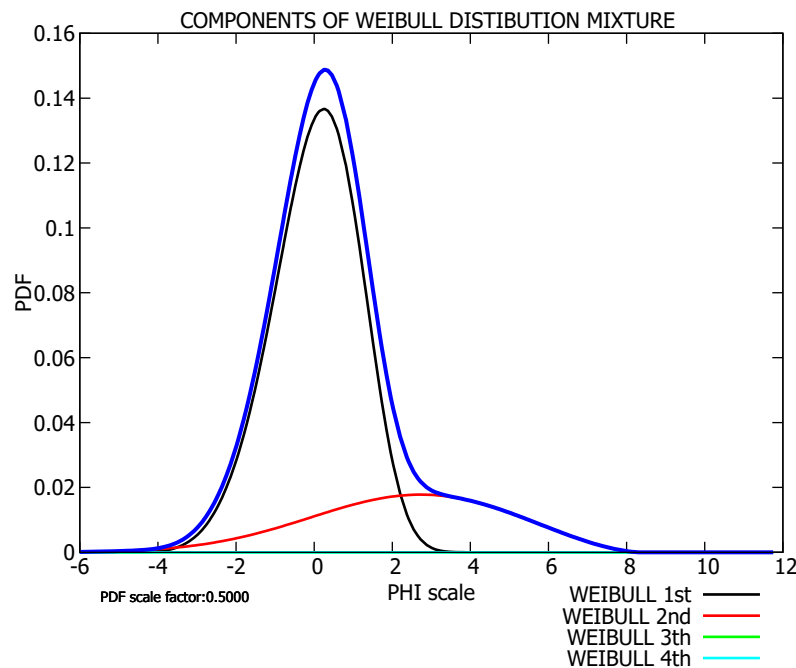
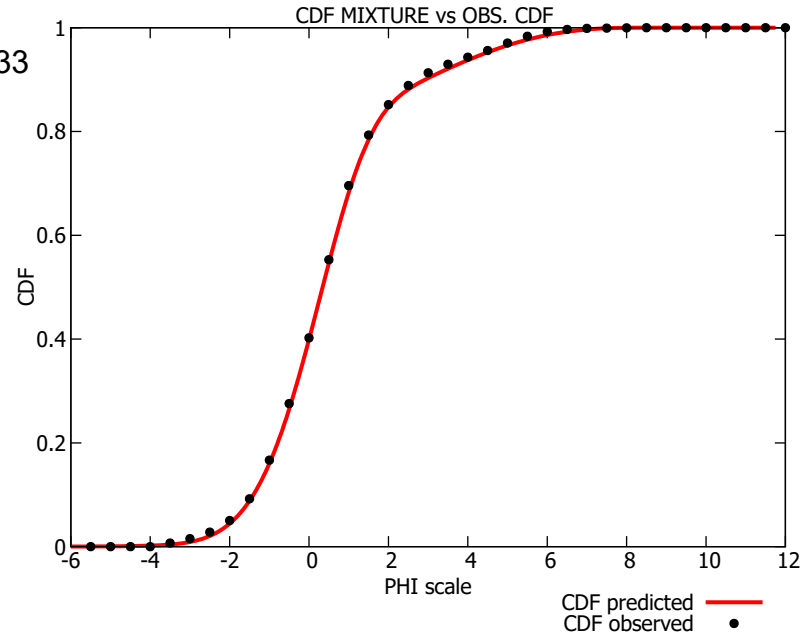
Standard deviation(PHI) = 1.65160 Poorly sorted

Skewness = 0.86775 Positive skewed

Kurtosis(normalized) = 2.04113 Leptokurtic



Sample 33



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
INSIDE PARTICLE SIZE DISTRIBUTIONS

<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA32.dat

OUTPUT REPORT >: S9SA32.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9998312

Coefficient of Determination(R^2) = 0.9999565

Kolmogorov-Smirnoff difference(Ks) = 0.0131481

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9960797

Coefficient of Determination(R^2) = 0.9980381

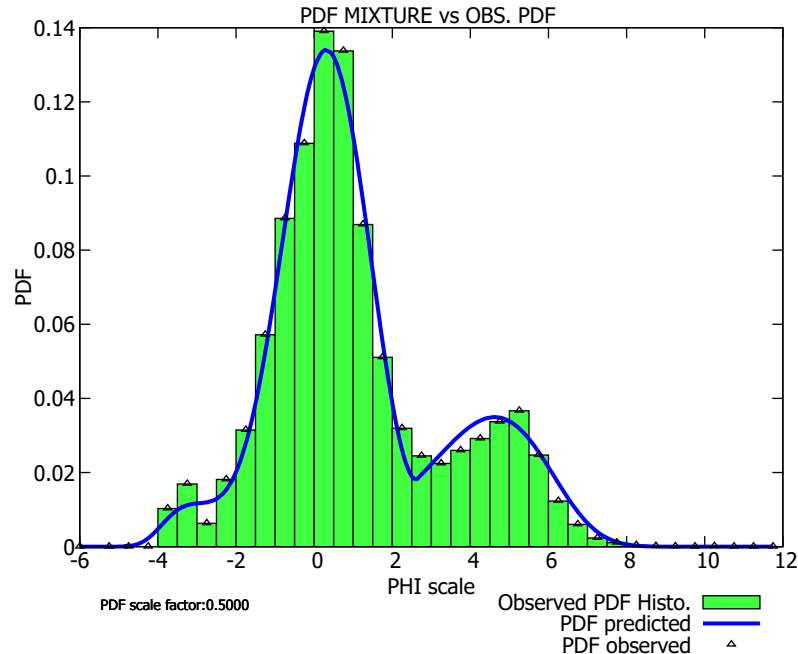
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 0.50095

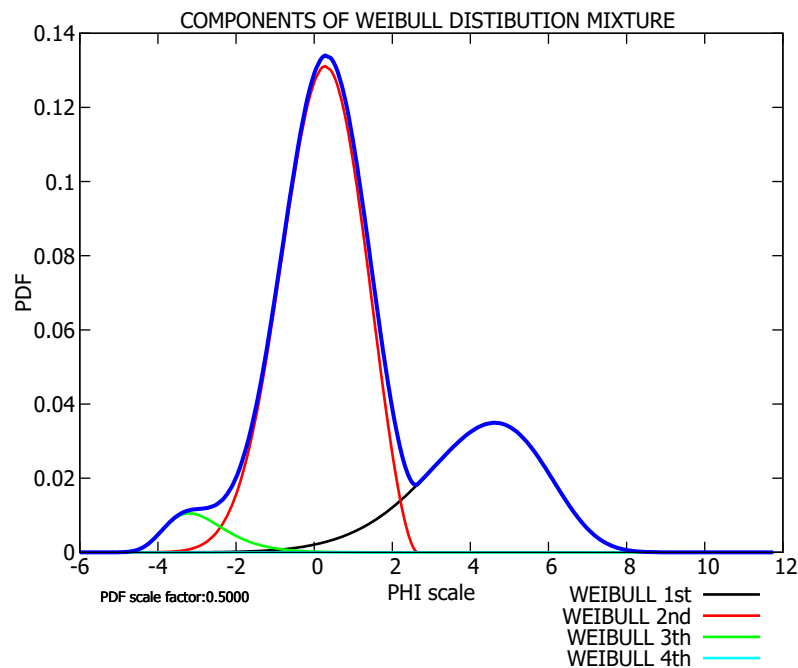
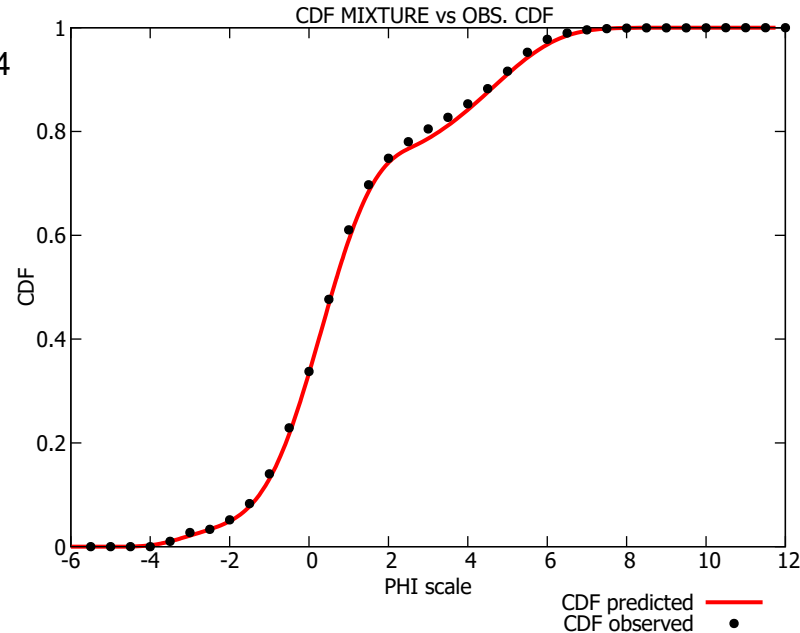
Standard deviation(PHI) = 1.76583 Poorly sorted

Skewness = 0.83387 Positive skewed

Kurtosis(normalized) = 1.38008 Leptokurtic



Sample 34



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
 INSIDE PARTICLE SIZE DISTRIBUTIONS
<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA31.dat

OUTPUT REPORT >: S9SA31.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9996195

Coefficient of Determination(R^2) = 0.9998897

Kolmogorov-Smirnoff difference(Ks) = 0.0195917

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9888728

Coefficient of Determination(R^2) = 0.9944400

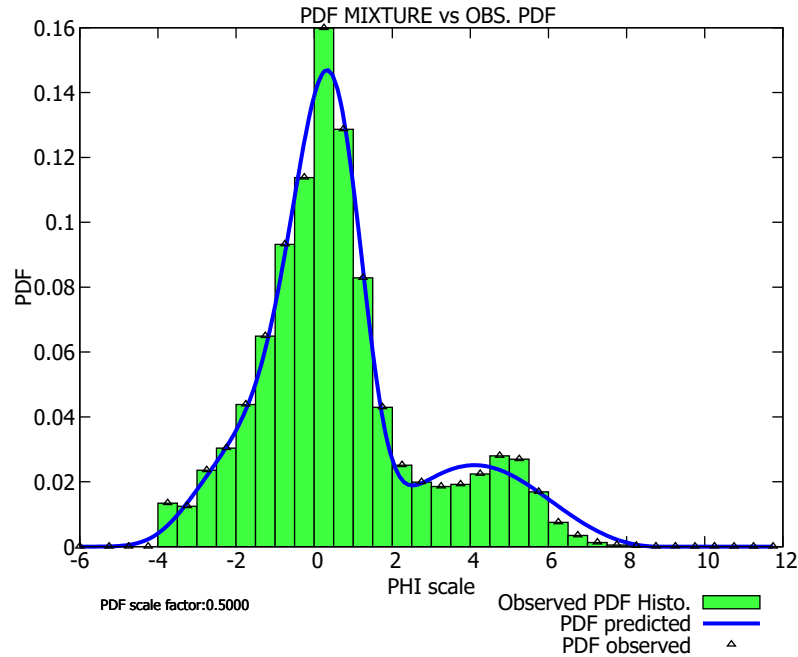
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 1.04382

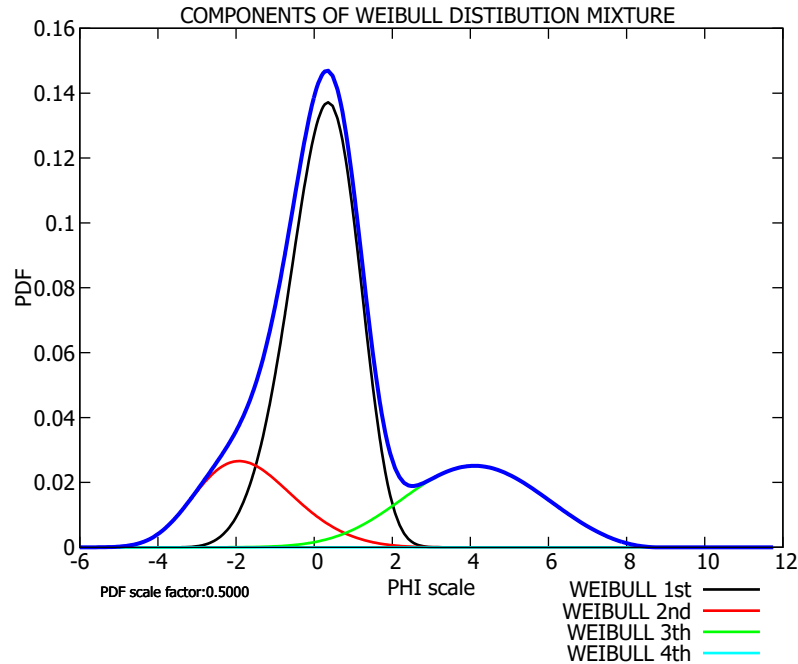
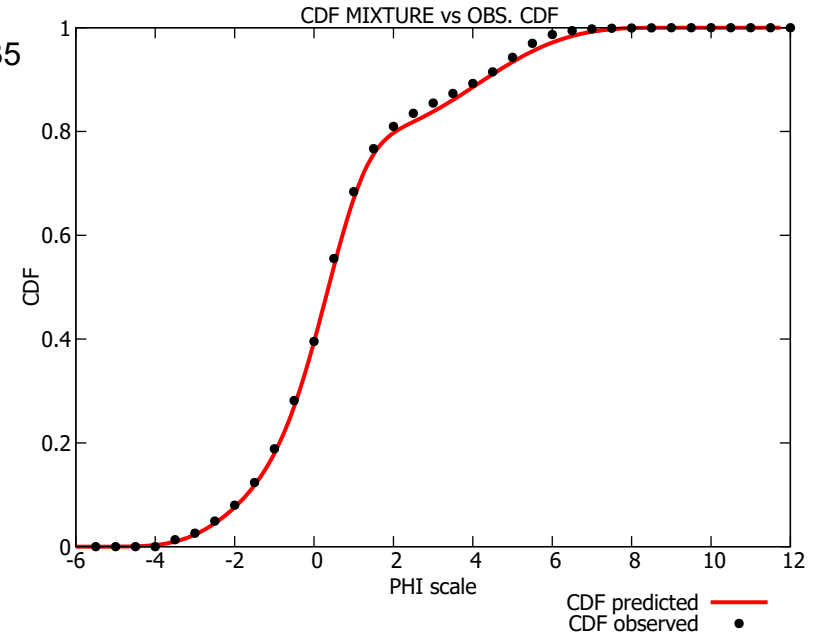
Standard deviation(PHI) = 2.24037 Very poorly sorted

Skewness = 0.65708 Positive skewed

Kurtosis(normalized) = 0.03046 Mesokurtic



Sample 35



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
 INSIDE PARTICLE SIZE DISTRIBUTIONS

<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA30.dat

OUTPUT REPORT >: S9SA30.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9995830

Coefficient of Determination(R^2) = 0.9998926

Kolmogorov-Smirnoff difference(Ks) = 0.0165514

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9891031

Coefficient of Determination(R^2) = 0.9945786

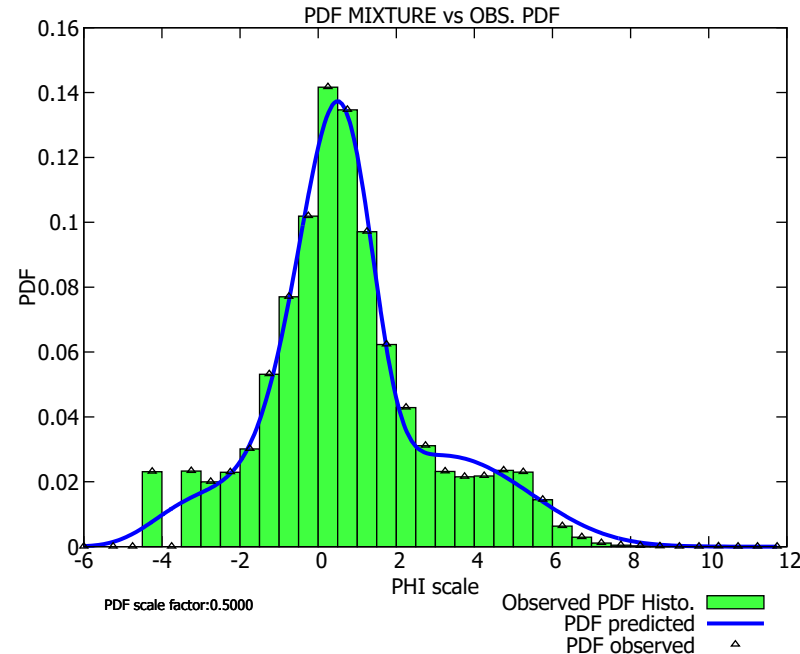
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 0.63717

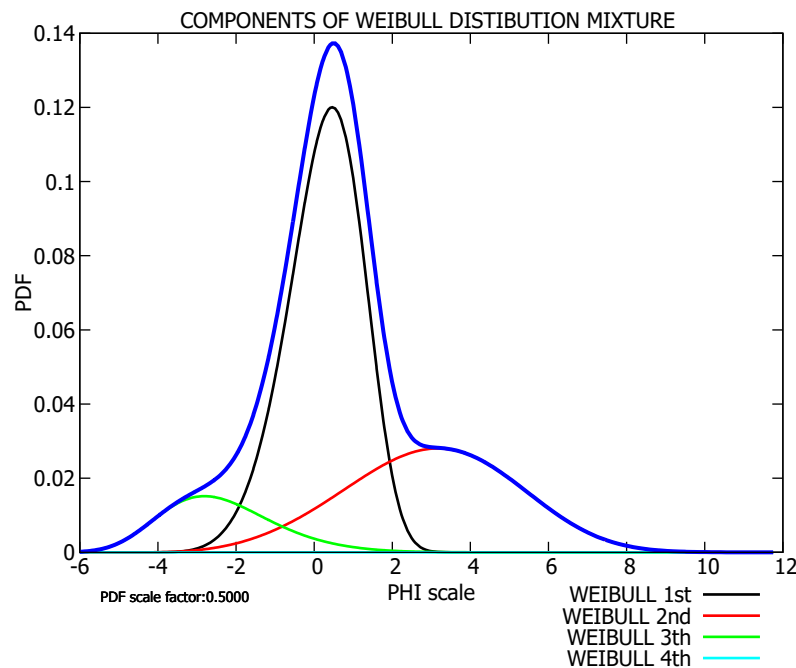
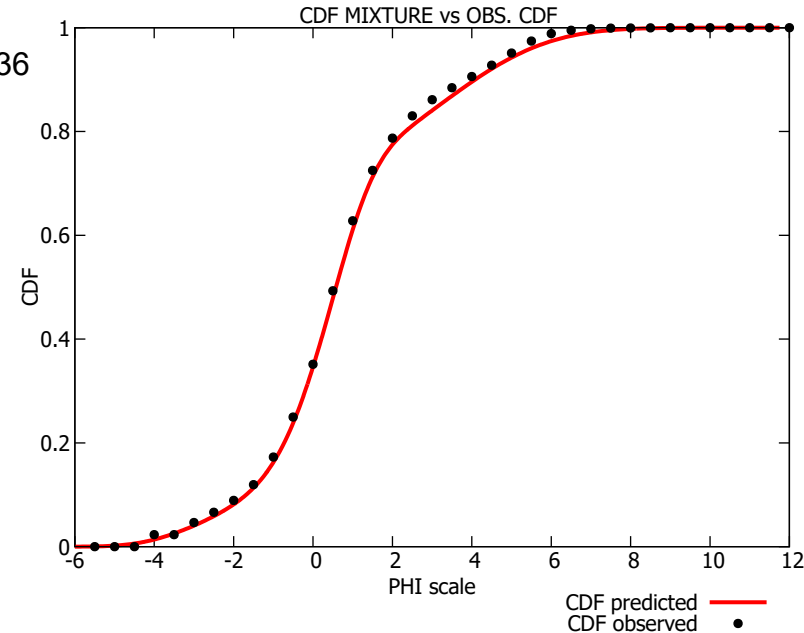
Standard deviation(PHI) = 2.12326 Very poorly sorted

Skewness = 0.75210 Positive skewed

Kurtosis(normalized) = 0.47255 Mesokurtic



Sample 36



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
 INSIDE PARTICLE SIZE DISTRIBUTIONS

<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA29.dat

OUTPUT REPORT >: S9SA29.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9994490

Coefficient of Determination(R^2) = 0.9998667

Kolmogorov-Smirnoff difference(Ks) = 0.0208231

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9841194

Coefficient of Determination(R^2) = 0.9920809

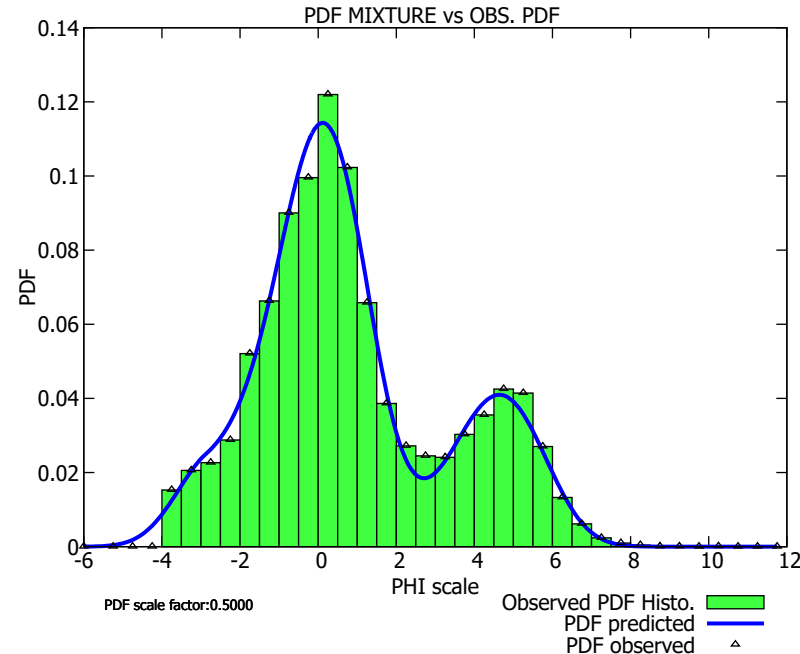
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 0.71067

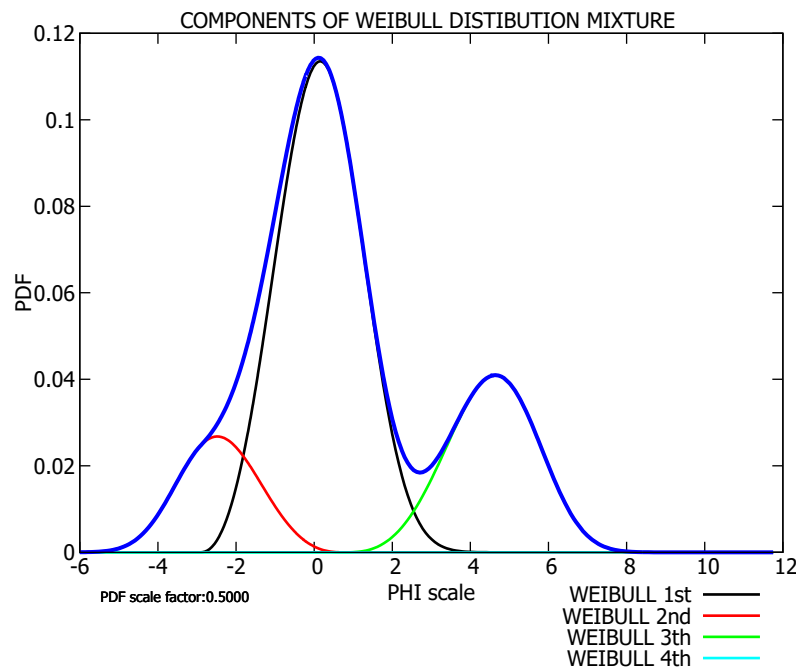
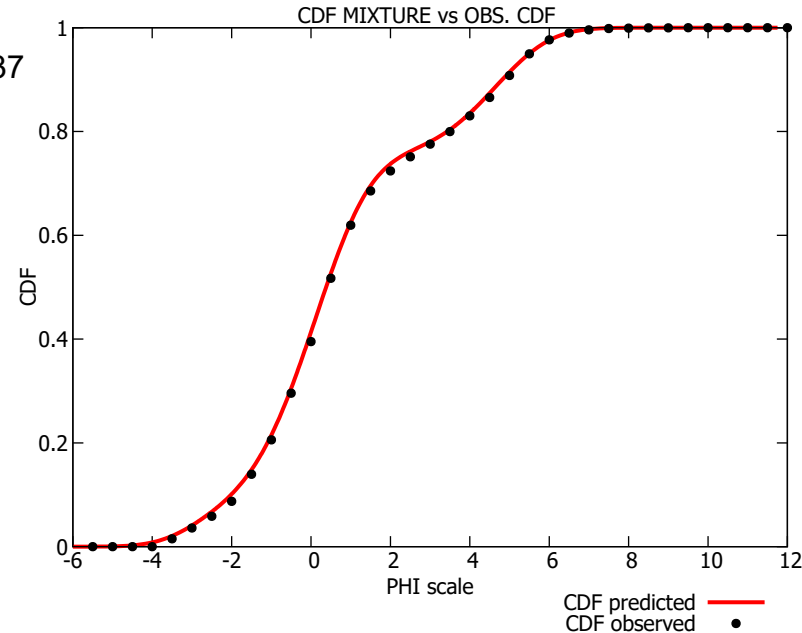
Standard deviation(PHI) = 2.13573 Very poorly sorted

Skewness = 0.36771 Symmetrical

Kurtosis(normalized) = 0.44344 Mesokurtic



Sample 37



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
 INSIDE PARTICLE SIZE DISTRIBUTIONS

<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA28.dat

OUTPUT REPORT >: S9SA28.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9997007

Coefficient of Determination(R^2) = 0.9999387

Kolmogorov-Smirnoff difference(Ks) = 0.0184983

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9891997

Coefficient of Determination(R^2) = 0.9945856

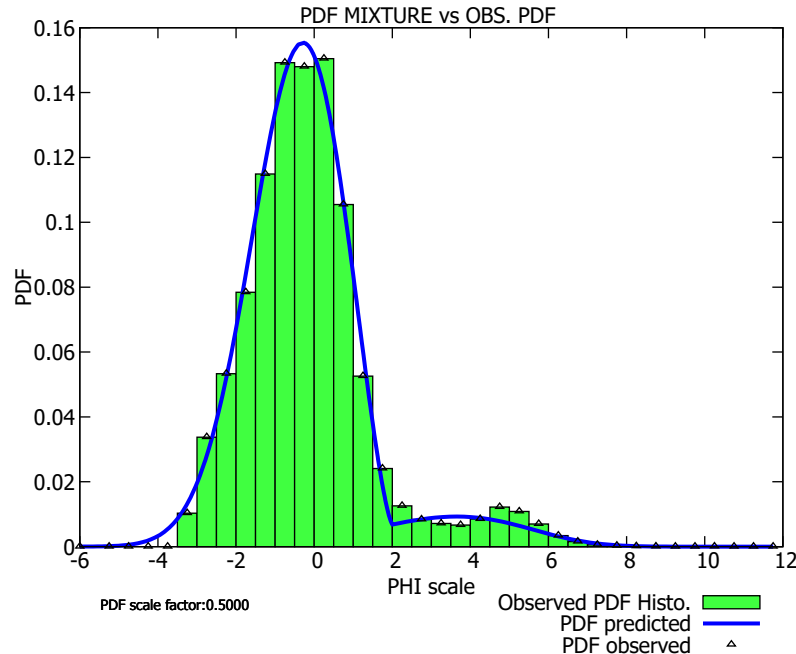
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 0.94407

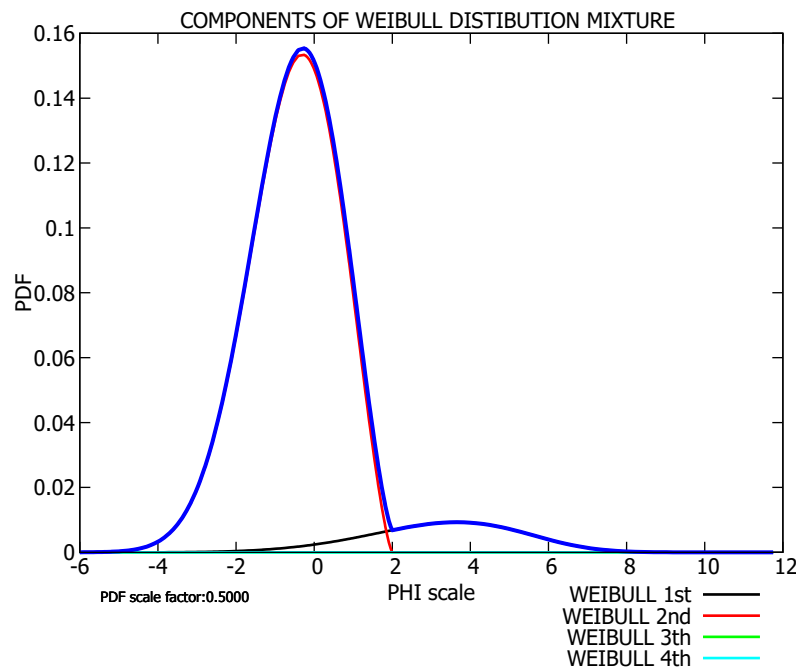
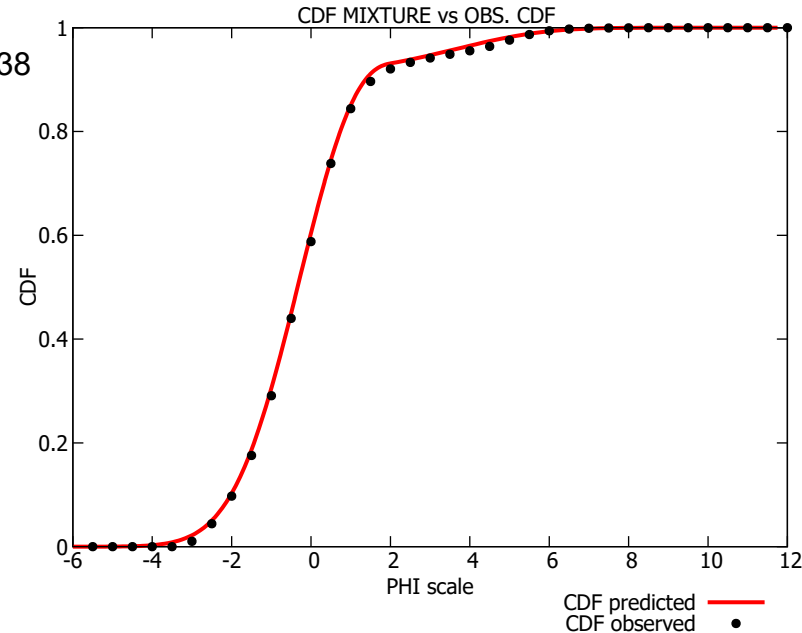
Standard deviation(PHI) = 2.46943 Very poorly sorted

Skewness = 0.53443 Positive skewed

Kurtosis(normalized) = -0.45262 Platykurtic



Sample 38



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
 INSIDE PARTICLE SIZE DISTRIBUTIONS

<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA27.dat

OUTPUT REPORT >: S9SA27.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9997058

Coefficient of Determination(R^2) = 0.9999250

Kolmogorov-Smirnoff difference(Ks) = 0.0165583

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9943422

Coefficient of Determination(R^2) = 0.9971843

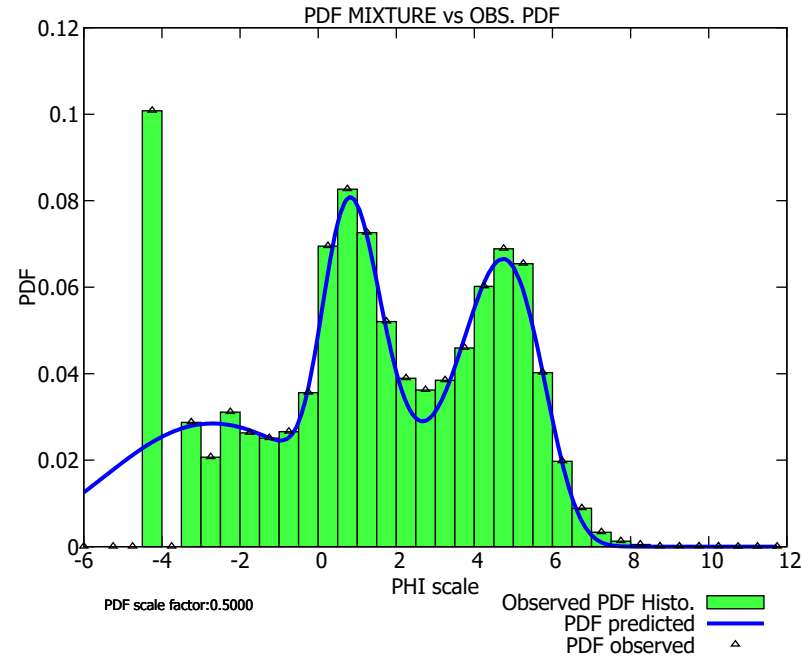
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = -0.12026

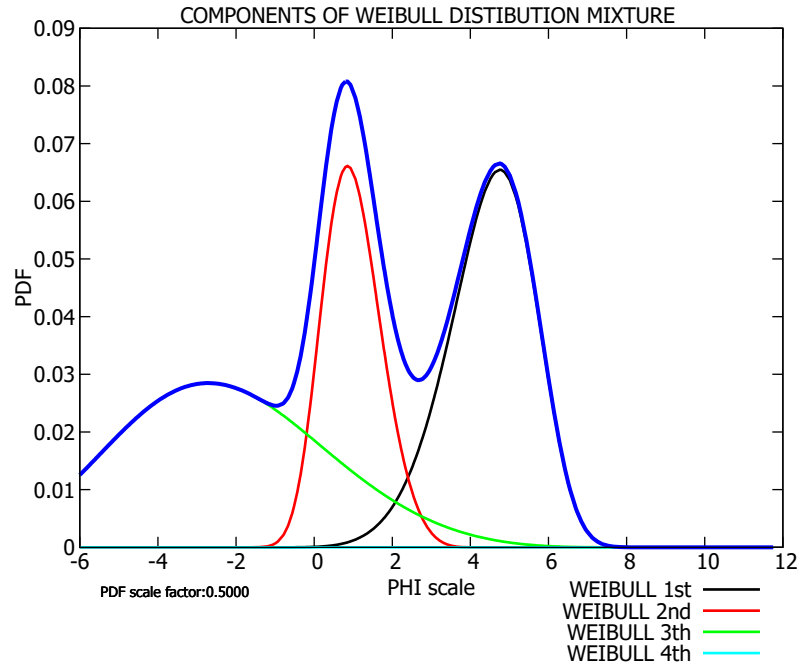
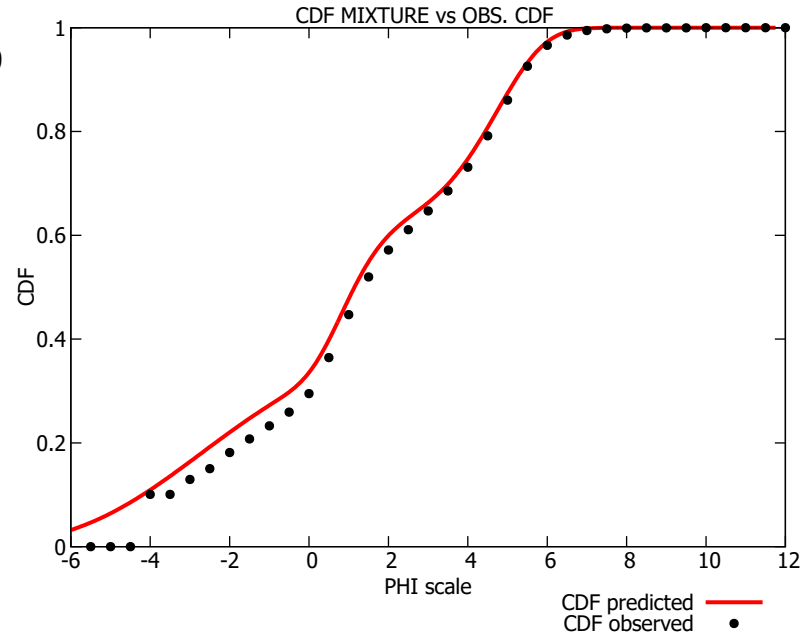
Standard deviation(PHI) = 1.68175 Poorly sorted

Skewness = 1.33468 Very positive skewed

Kurtosis(normalized) = 2.83599 Leptokurtic



Sample 39



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
 INSIDE PARTICLE SIZE DISTRIBUTIONS
<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA26.dat

OUTPUT REPORT >: S9SA26.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9938210

Coefficient of Determination(R^2) = 0.9996491

Kolmogorov-Smirnoff difference(Ks) = 0.0853195

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.7291748

Coefficient of Determination(R^2) = 0.8551941

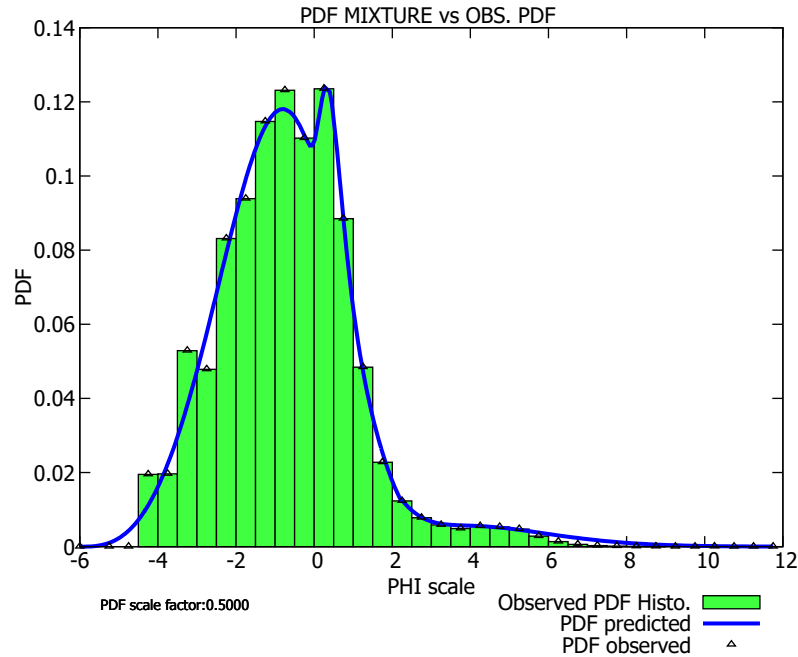
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 1.37544

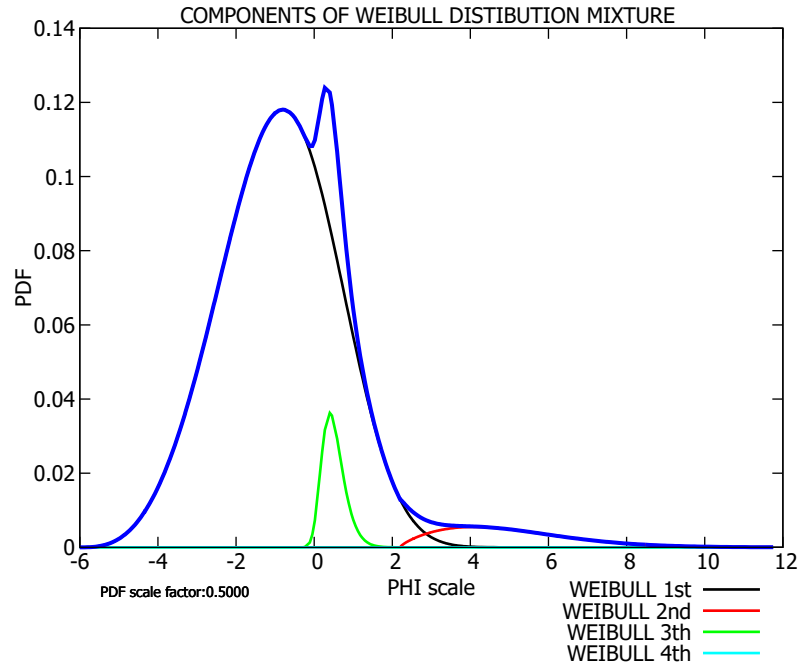
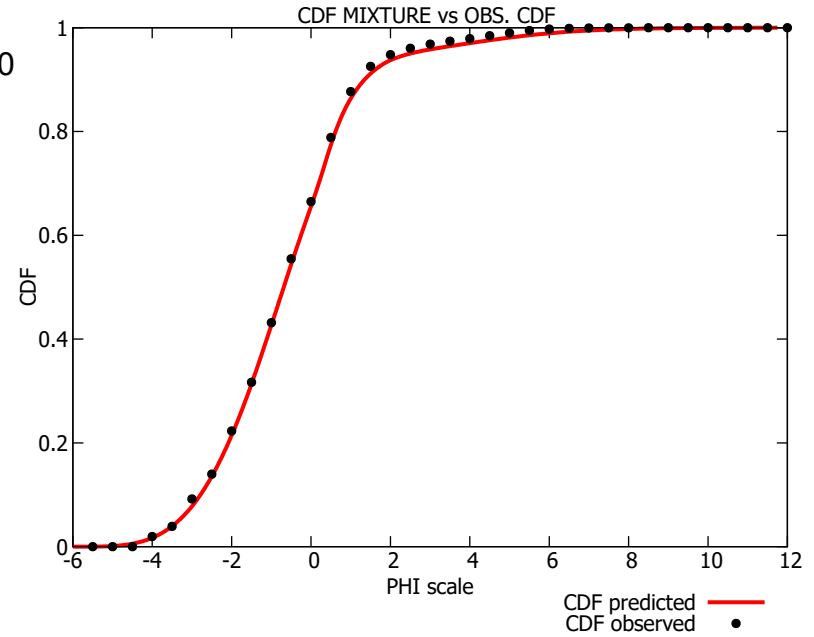
Standard deviation(PHI) = 3.11466 Very poorly sorted

Skewness = -0.26438 Symmetrical

Kurtosis(normalized) = -0.90316 Platykurtic



Sample 40



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
INSIDE PARTICLE SIZE DISTRIBUTIONS
<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA25.dat

OUTPUT REPORT >: S9SA25.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9996234

Coefficient of Determination(R^2) = 0.9999161

Kolmogorov-Smirnoff difference(Ks) = 0.0143407

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9916490

Coefficient of Determination(R^2) = 0.9958541

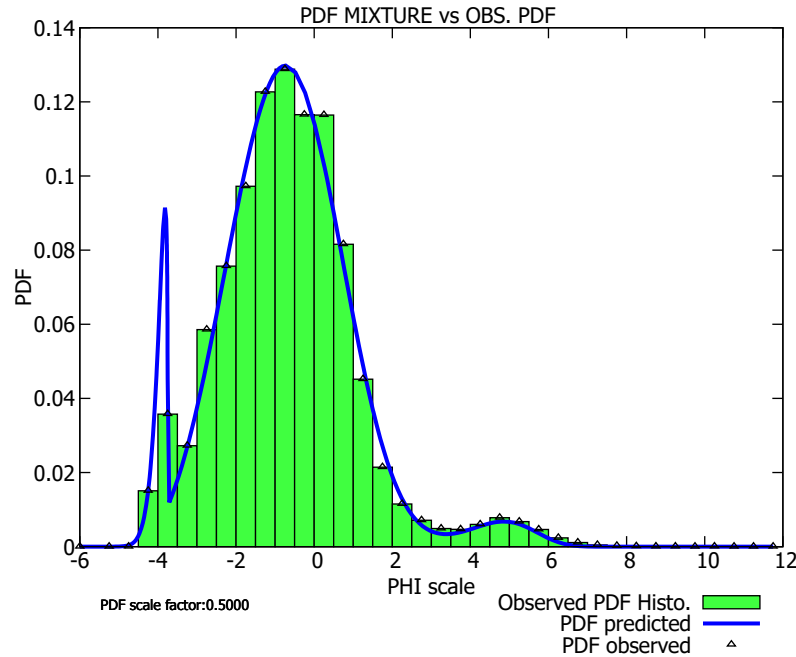
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = -0.68377

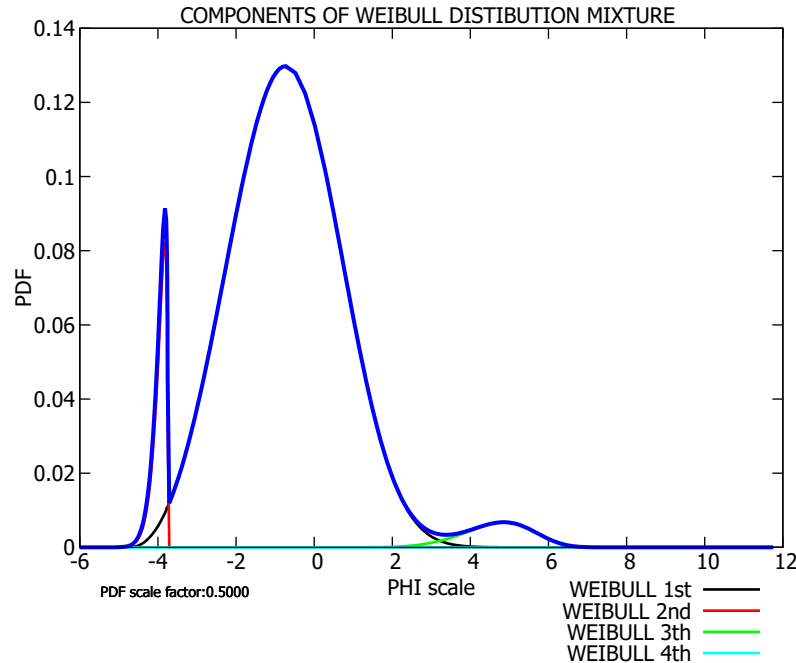
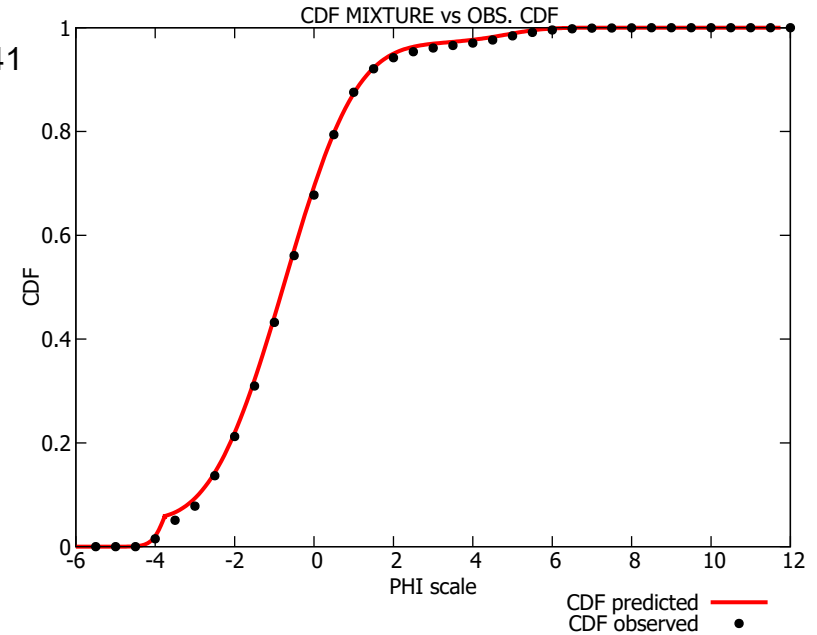
Standard deviation(PHI) = 1.73011 Poorly sorted

Skewness = 0.64786 Positive skewed

Kurtosis(normalized) = 1.45686 Leptokurtic



Sample 41



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
INSIDE PARTICLE SIZE DISTRIBUTIONS
<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA24.dat

OUTPUT REPORT >: S9SA24.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9996907

Coefficient of Determination(R^2) = 0.9999256

Kolmogorov-Smirnoff difference(Ks) = 0.0168796

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9932441

Coefficient of Determination(R^2) = 0.9966655

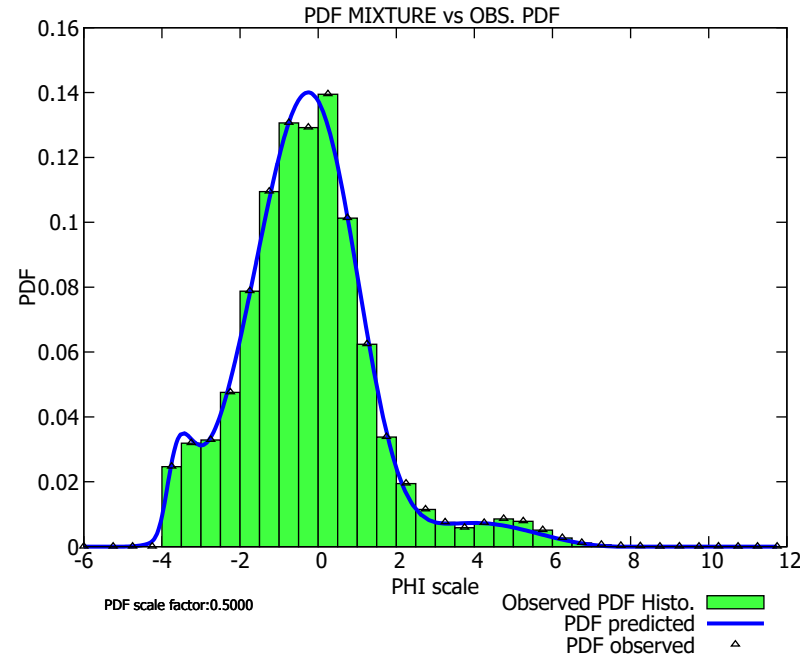
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = -0.65050

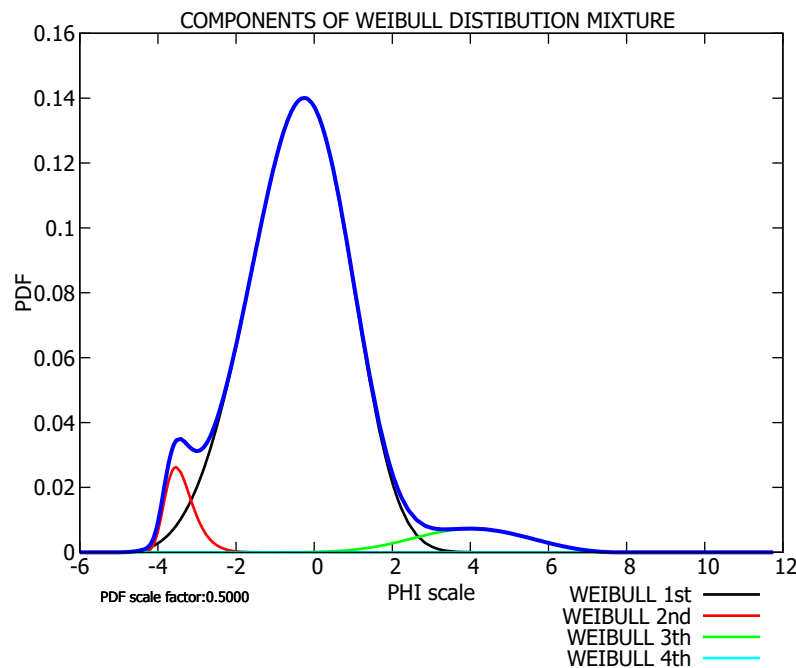
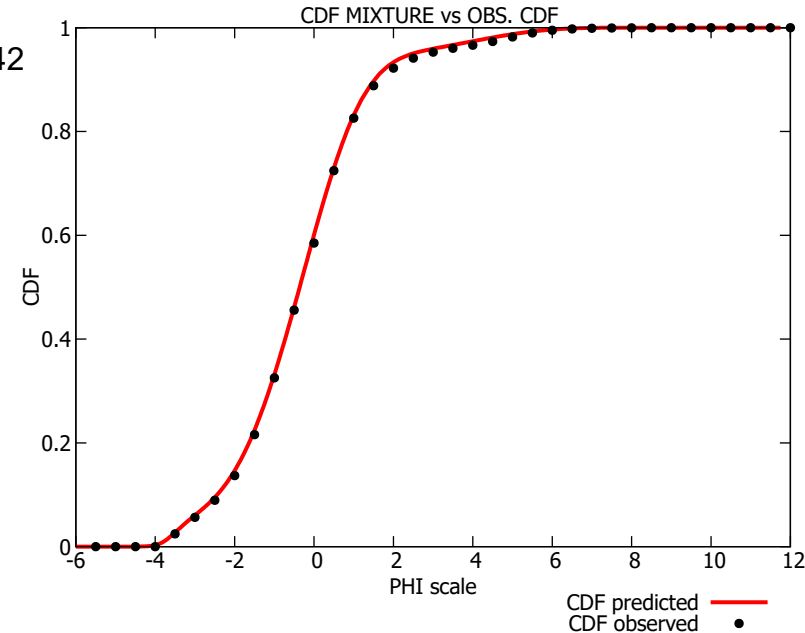
Standard deviation(PHI) = 1.78946 Poorly sorted

Skewness = 0.86690 Positive skewed

Kurtosis(normalized) = 2.00887 Leptokurtic



Sample 42



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
INSIDE PARTICLE SIZE DISTRIBUTIONS

<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA23.dat

OUTPUT REPORT >: S9SA23.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9997993

Coefficient of Determination(R^2) = 0.9999491

Kolmogorov-Smirnoff difference(Ks) = 0.0159234

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9955565

Coefficient of Determination(R^2) = 0.9978035

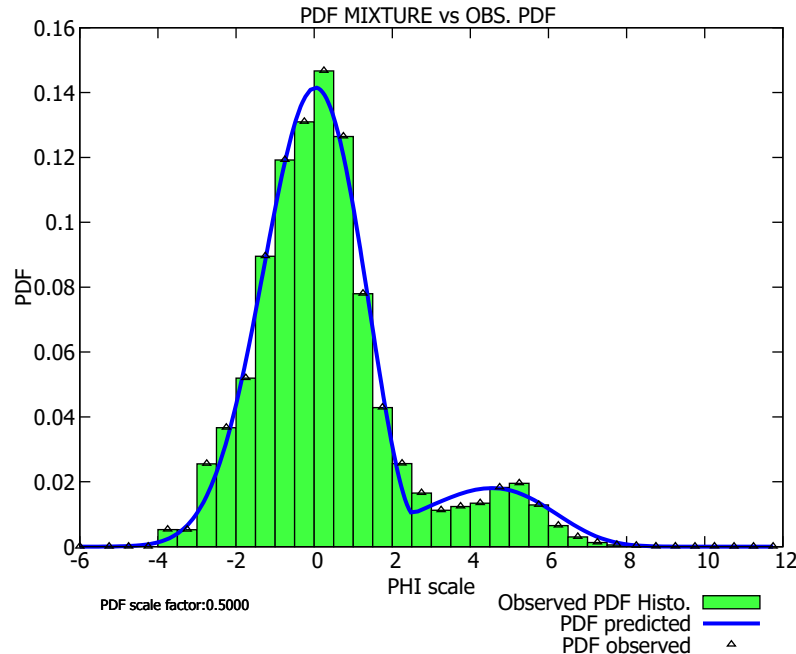
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = -0.25388

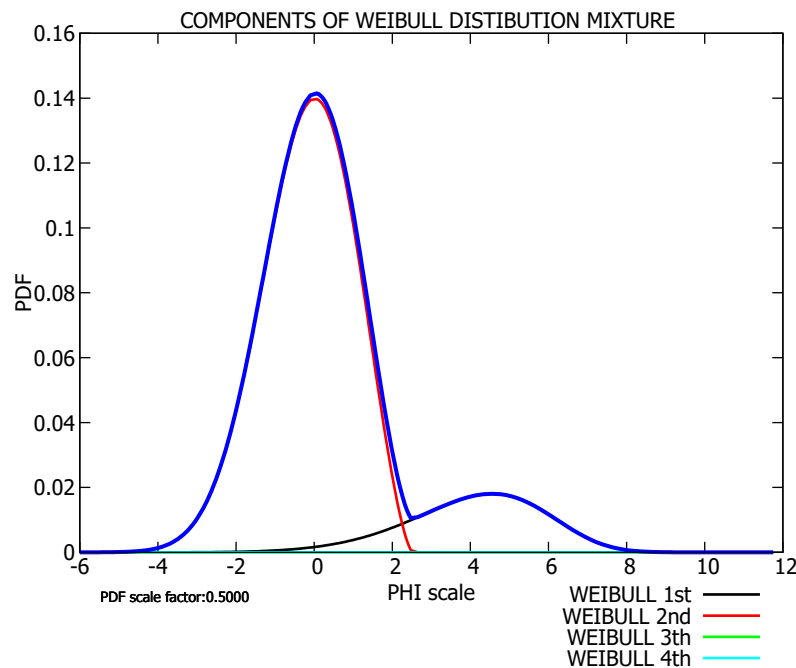
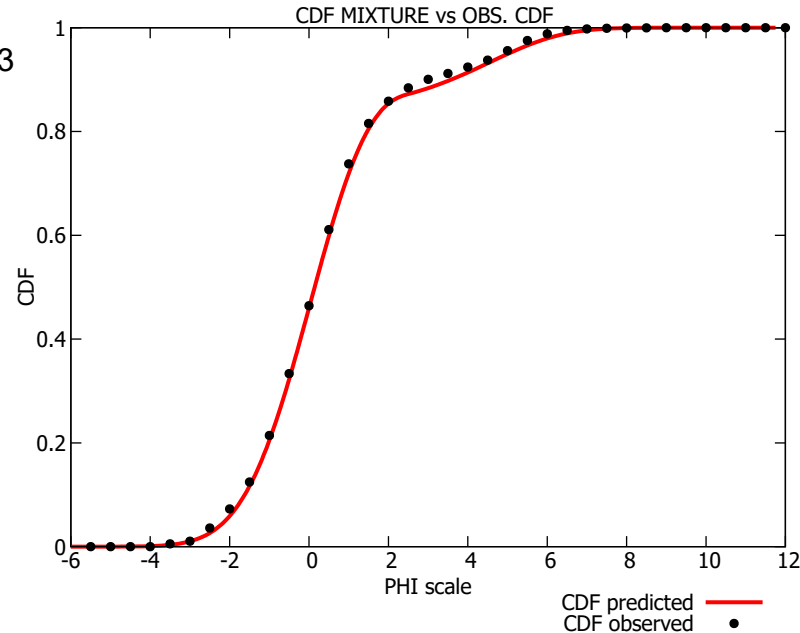
Standard deviation(PHI) = 1.75504 Poorly sorted

Skewness = 0.80598 Positive skewed

Kurtosis(normalized) = 1.80493 Leptokurtic



Sample 43



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
 INSIDE PARTICLE SIZE DISTRIBUTIONS

<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA22.dat

OUTPUT REPORT >: S9SA22.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9996282

Coefficient of Determination(R^2) = 0.9999030

Kolmogorov-Smirnoff difference(Ks) = 0.0187332

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9912674

Coefficient of Determination(R^2) = 0.9956249

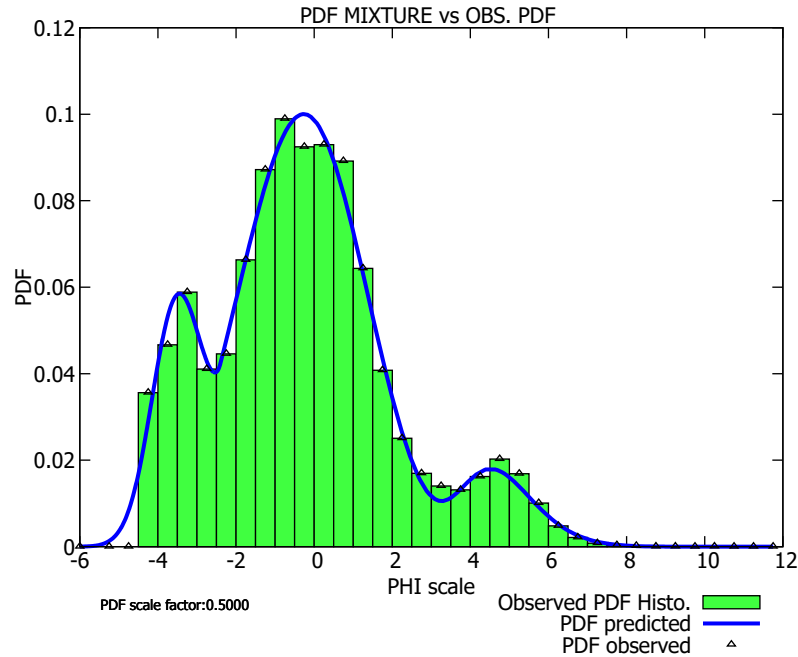
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 0.37710

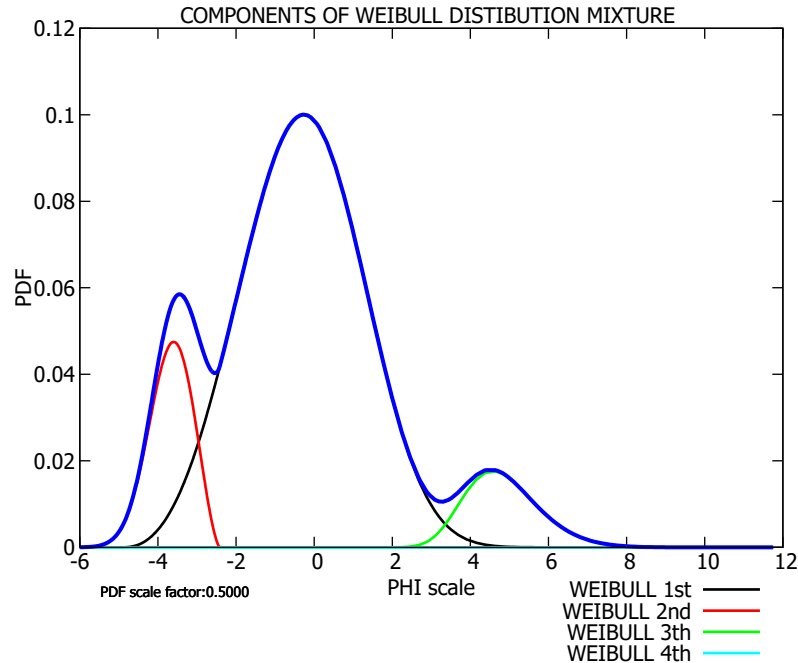
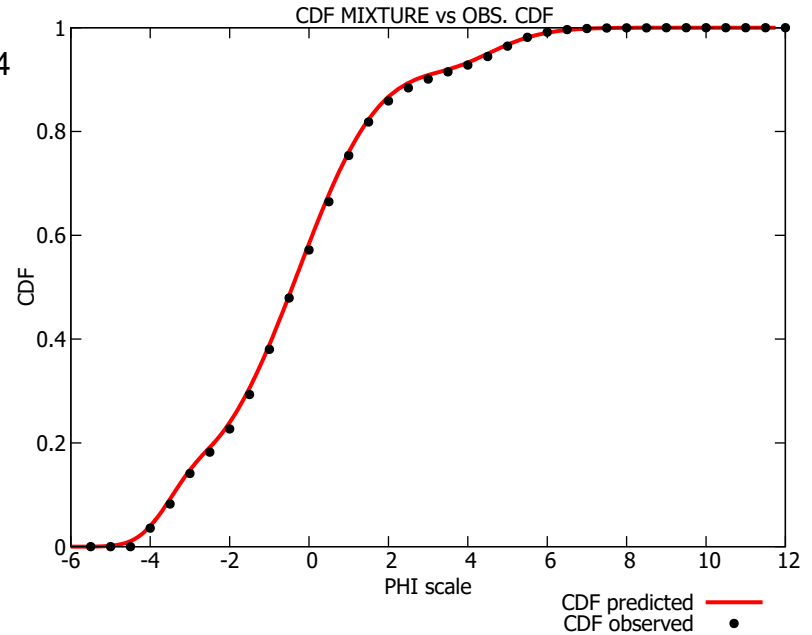
Standard deviation(PHI) = 1.92998 Poorly sorted

Skewness = 1.06034 Positive skewed

Kurtosis(normalized) = 1.37719 Leptokurtic



Sample 44



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
 INSIDE PARTICLE SIZE DISTRIBUTIONS
<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA21.dat

OUTPUT REPORT >: S9SA21.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9997085

Coefficient of Determination(R^2) = 0.9999438

Kolmogorov-Smirnoff difference(Ks) = 0.0139310

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9903632

Coefficient of Determination(R^2) = 0.9951701

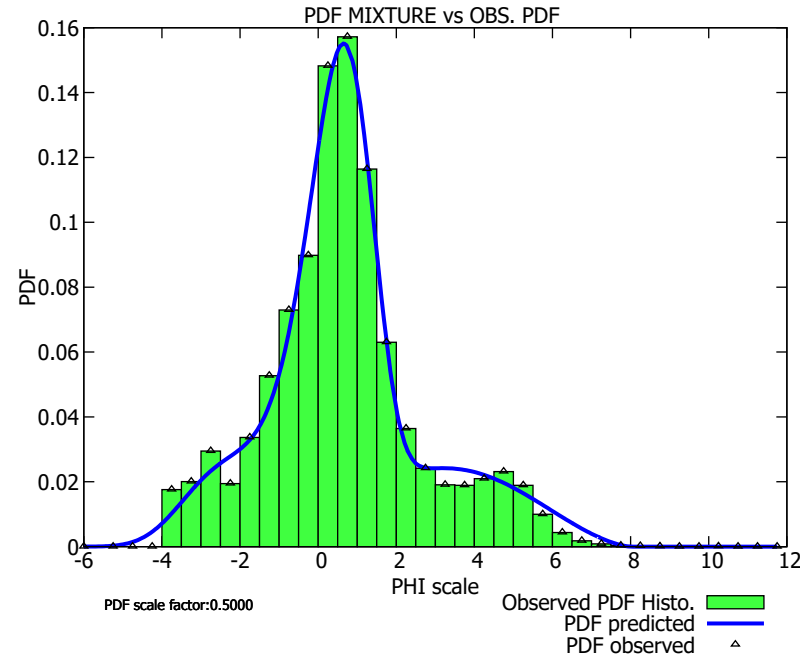
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = -0.24349

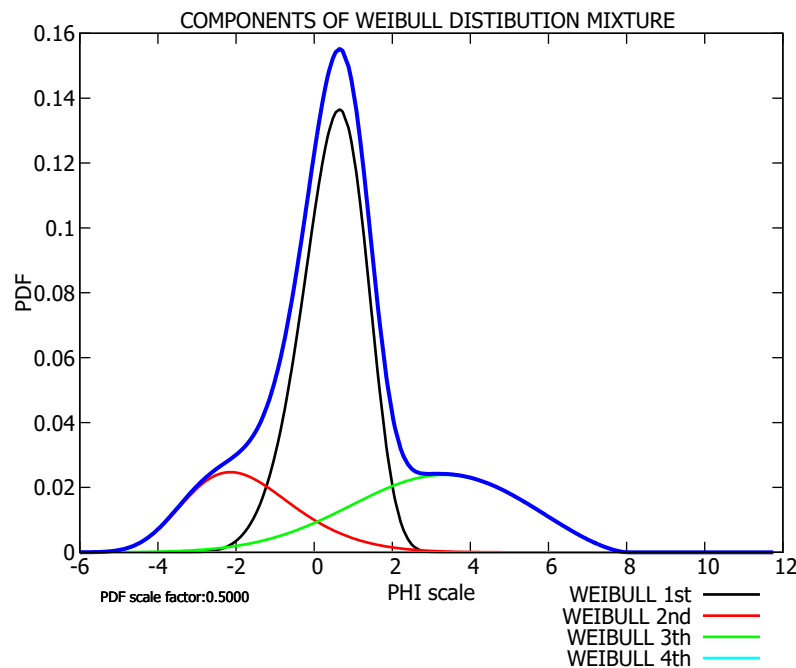
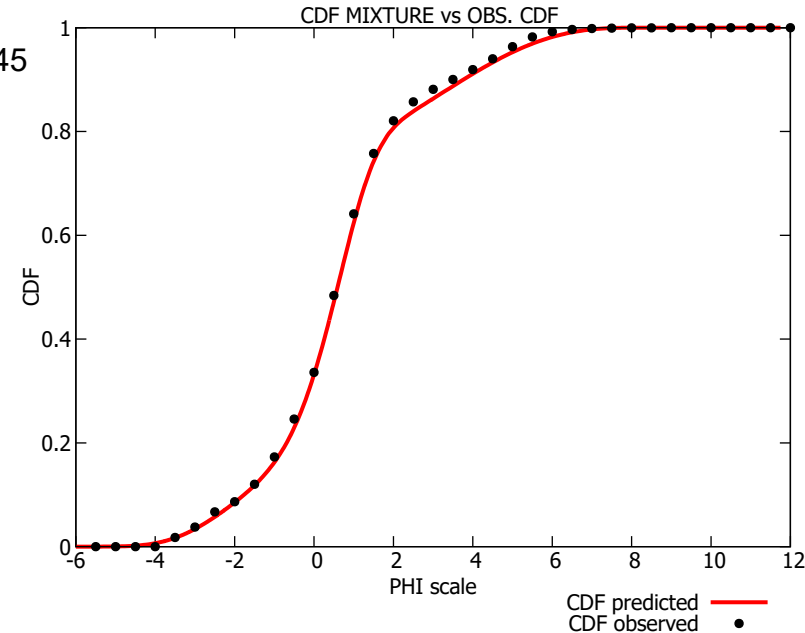
Standard deviation(PHI) = 2.35301 Very poorly sorted

Skewness = 0.56878 Positive skewed

Kurtosis(normalized) = 0.17025 Mesokurtic



Sample 45



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
 INSIDE PARTICLE SIZE DISTRIBUTIONS

<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA20.dat

OUTPUT REPORT >: S9SA20.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9995379

Coefficient of Determination(R^2) = 0.9998654

Kolmogorov-Smirnoff difference(Ks) = 0.0182979

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9882798

Coefficient of Determination(R^2) = 0.9941721

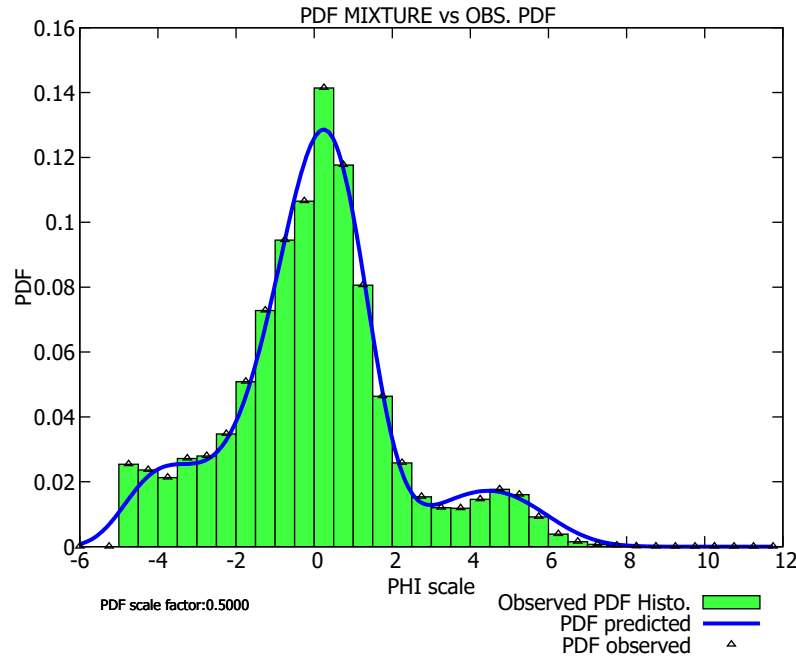
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 0.64642

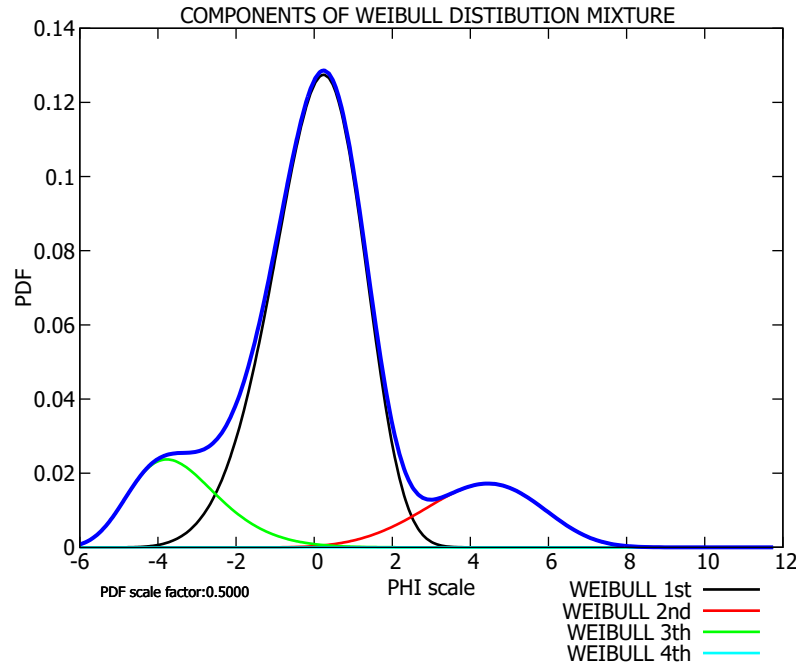
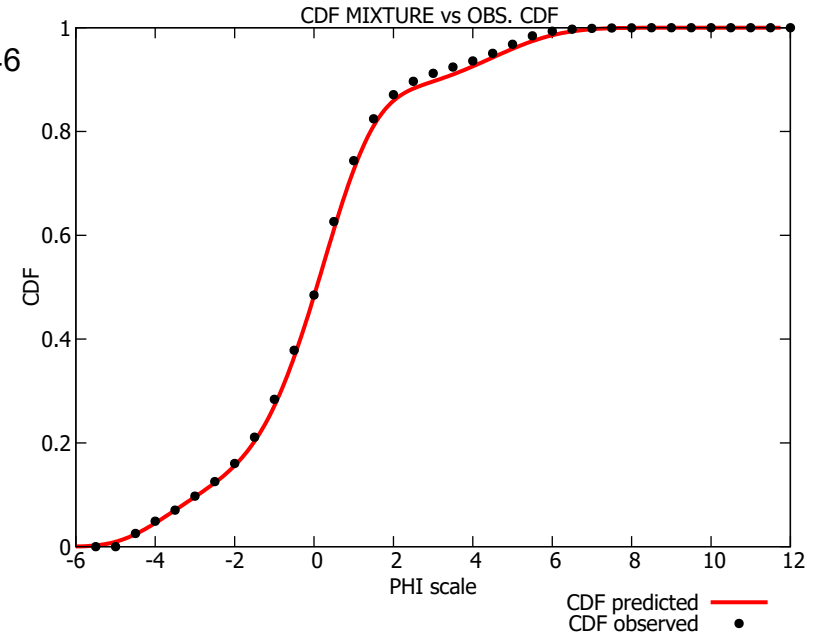
Standard deviation(PHI) = 1.98777 Poorly sorted

Skewness = 0.44295 Positive skewed

Kurtosis(normalized) = 0.60675 Mesokurtic



Sample 46



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
 INSIDE PARTICLE SIZE DISTRIBUTIONS
<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA19 .dat

OUTPUT REPORT >: S9SA19.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9995417

Coefficient of Determination(R^2) = 0.9998676

Kolmogorov-Smirnoff difference(Ks) = 0.0174748

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9874367

Coefficient of Determination(R^2) = 0.9937807

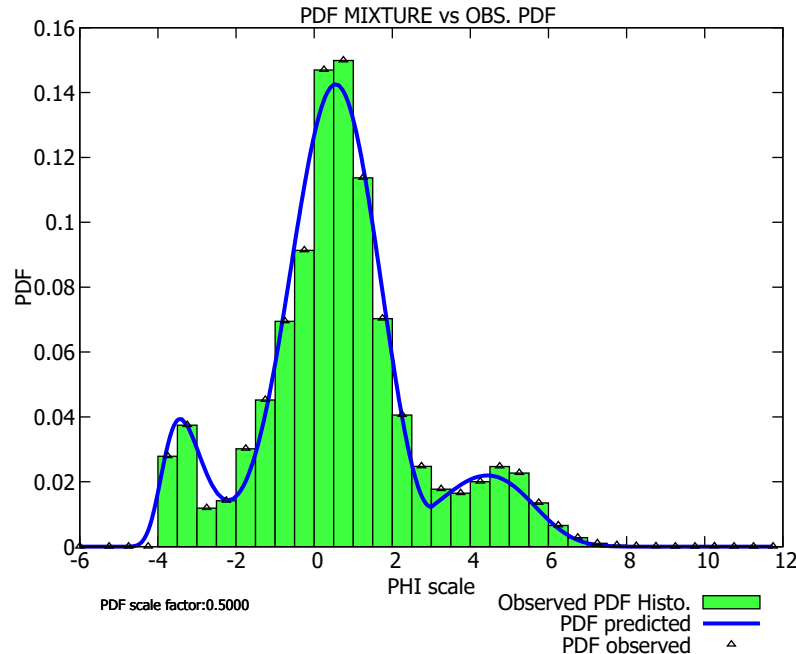
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = -0.00095

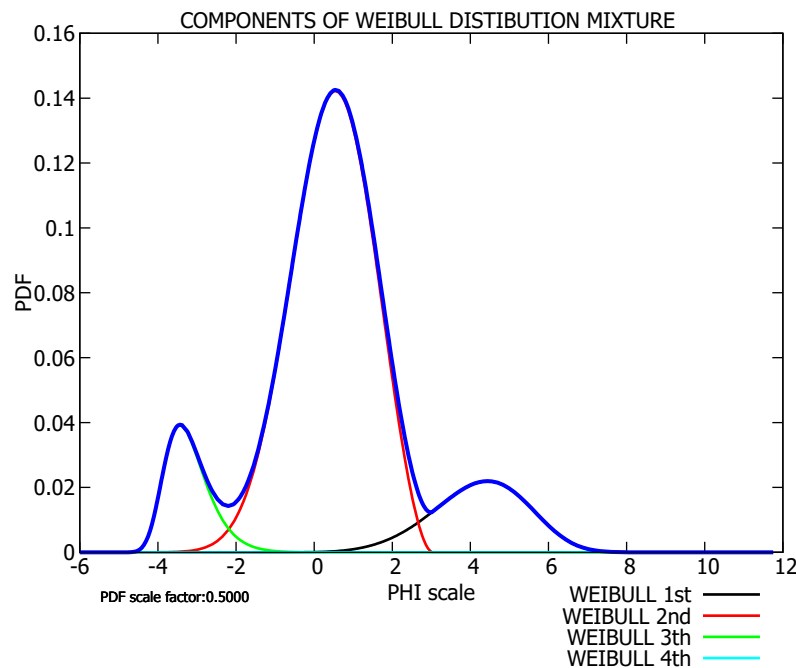
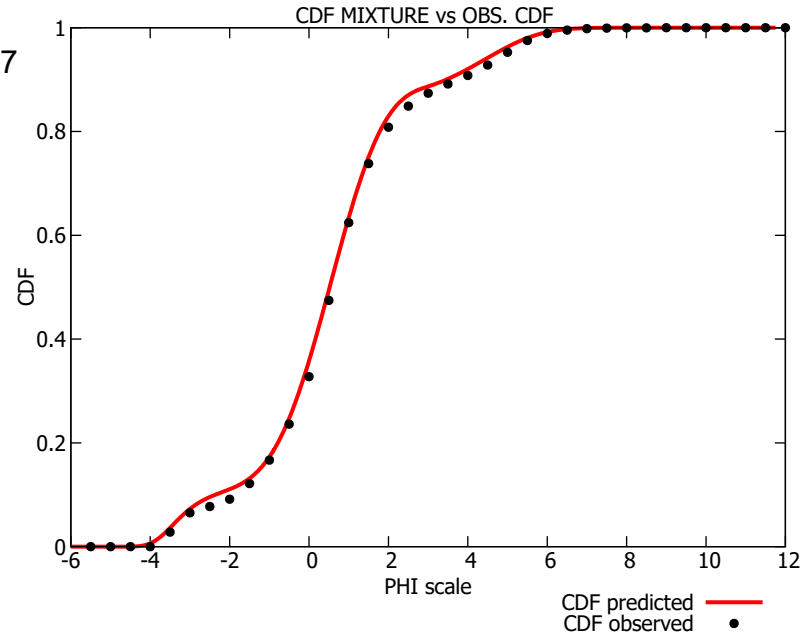
Standard deviation(PHI) = 2.19491 Very poorly sorted

Skewness = 0.30290 Symmetrical

Kurtosis(normalized) = 0.59992 Mesokurtic



Sample 47



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
INSIDE PARTICLE SIZE DISTRIBUTIONS

<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA18.dat

OUTPUT REPORT >: S9SA18.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9992666

Coefficient of Determination(R^2) = 0.9998199

Kolmogorov-Smirnoff difference(Ks) = 0.0305556

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9809086

Coefficient of Determination(R^2) = 0.9904848

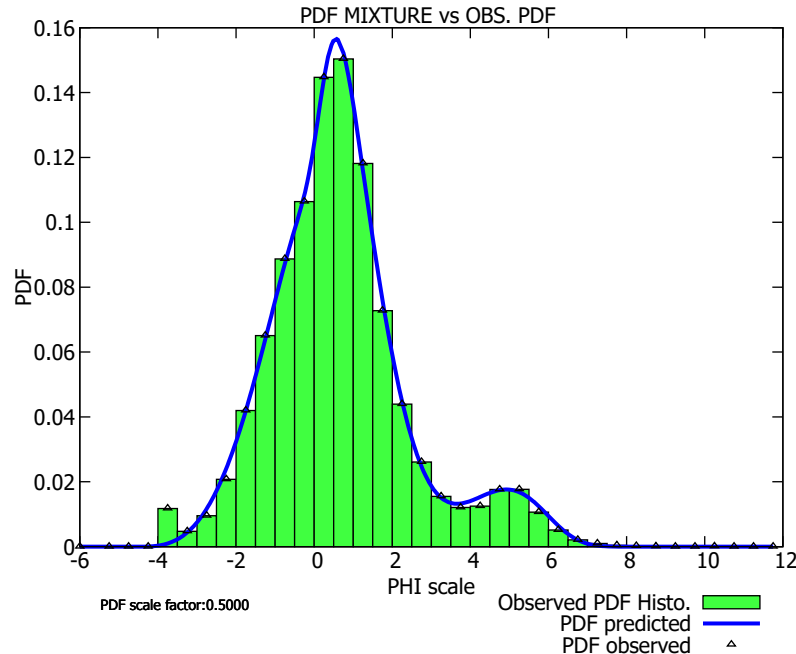
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 0.69685

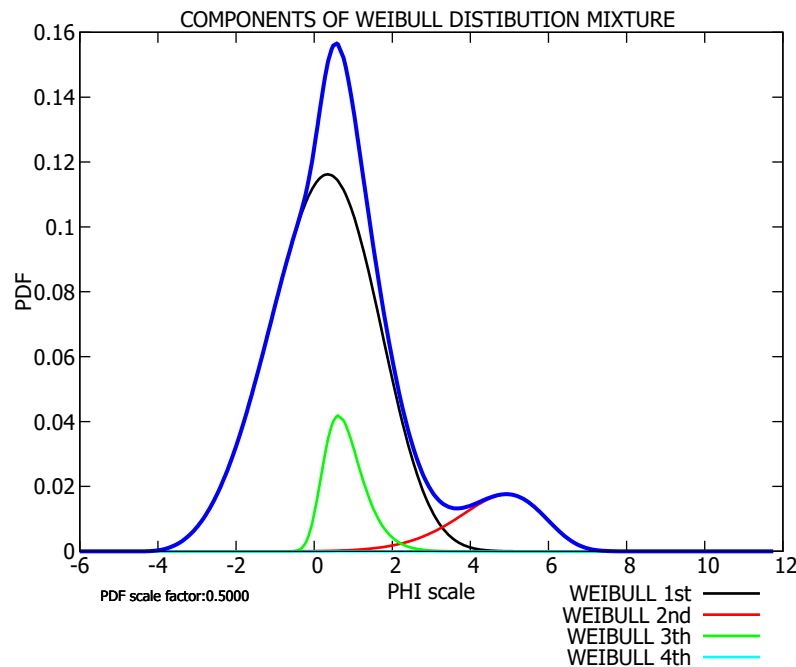
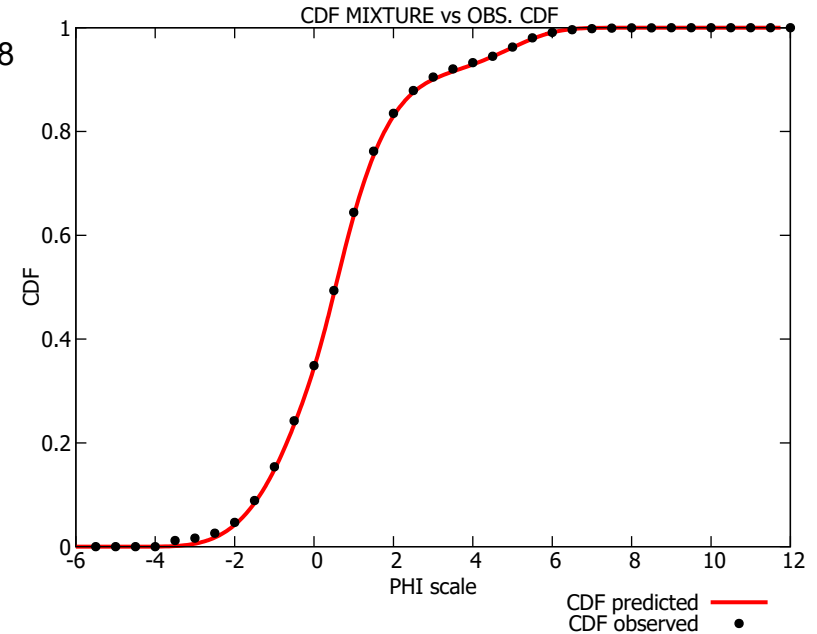
Standard deviation(PHI) = 2.09757 Very poorly sorted

Skewness = 0.36818 Symmetrical

Kurtosis(normalized) = 0.54370 Mesokurtic



Sample 48



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
 INSIDE PARTICLE SIZE DISTRIBUTIONS

<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA17.dat

OUTPUT REPORT >: S9SA17.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9998871

Coefficient of Determination(R^2) = 0.9999740

Kolmogorov-Smirnoff difference(Ks) = 0.0107739

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9972636

Coefficient of Determination(R^2) = 0.9986482

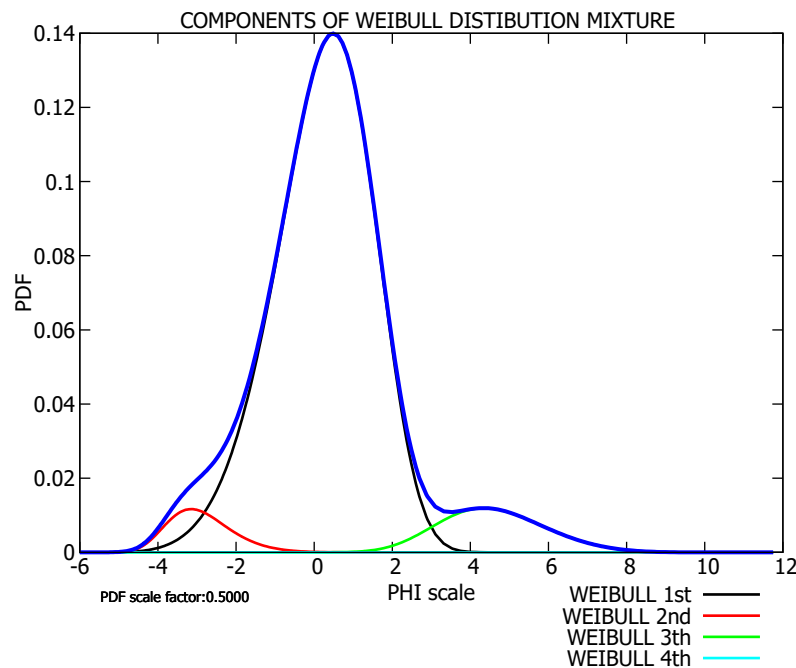
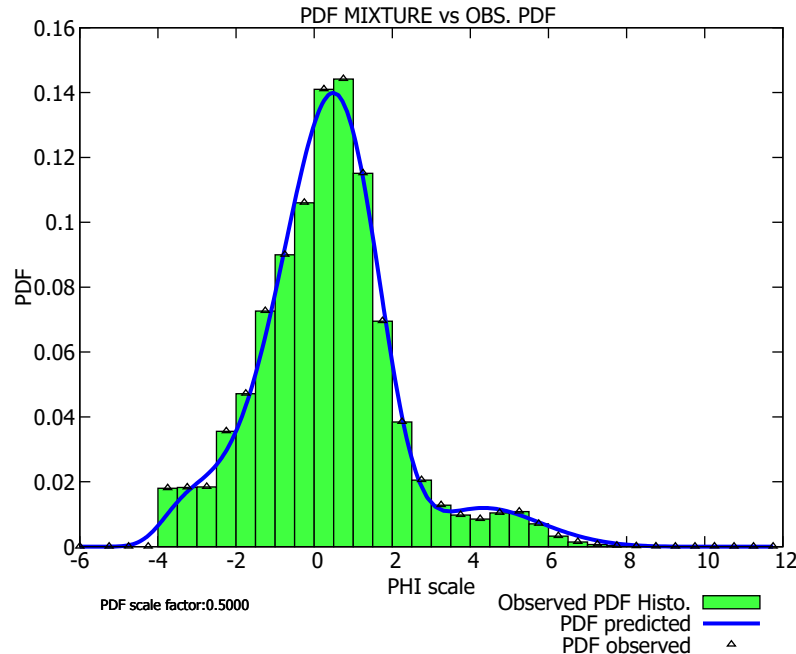
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 0.66330

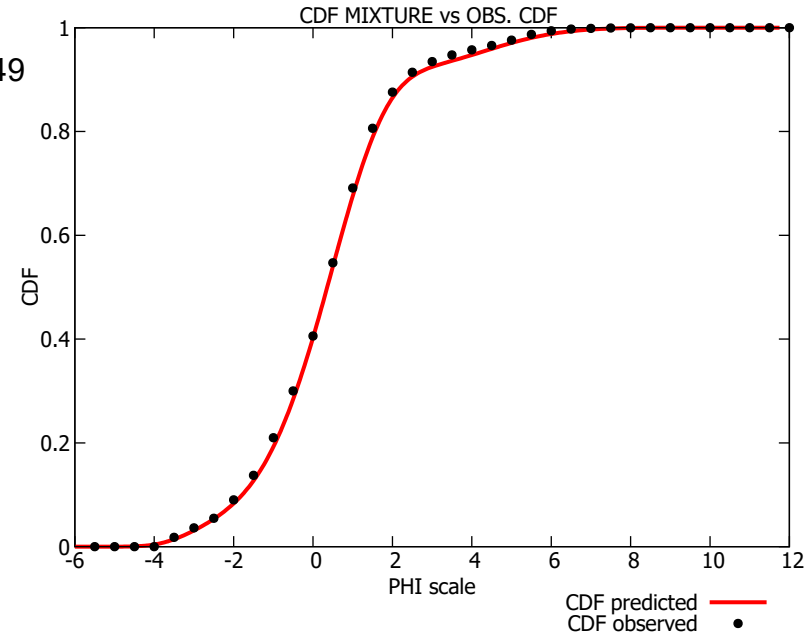
Standard deviation(PHI) = 1.81979 Poorly sorted

Skewness = 0.72688 Positive skewed

Kurtosis(normalized) = 1.21078 Leptokurtic



Sample 49



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
INSIDE PARTICLE SIZE DISTRIBUTIONS

<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA16.dat

OUTPUT REPORT >: S9SA16.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9996556

Coefficient of Determination(R^2) = 0.9999043

Kolmogorov-Smirnoff difference(Ks) = 0.0178452

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9916190

Coefficient of Determination(R^2) = 0.9958032

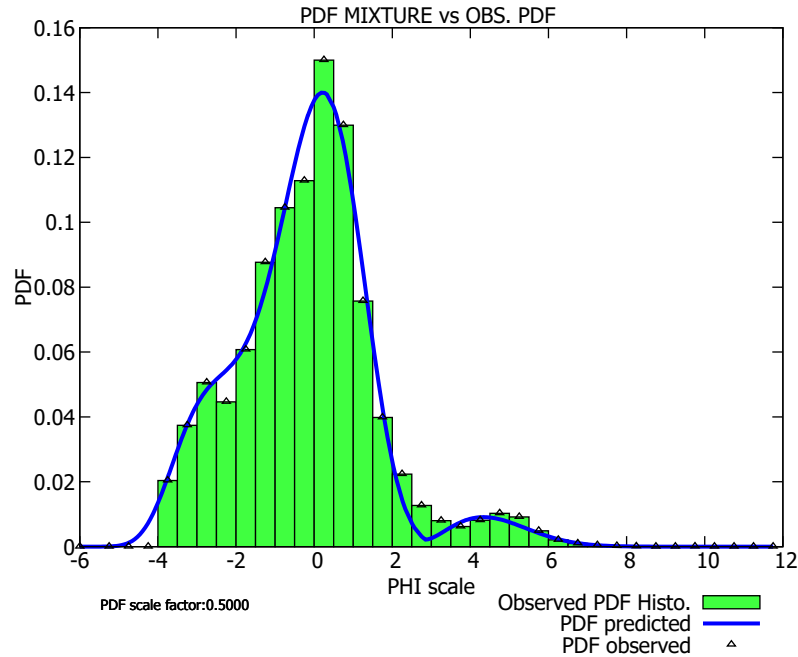
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 0.32935

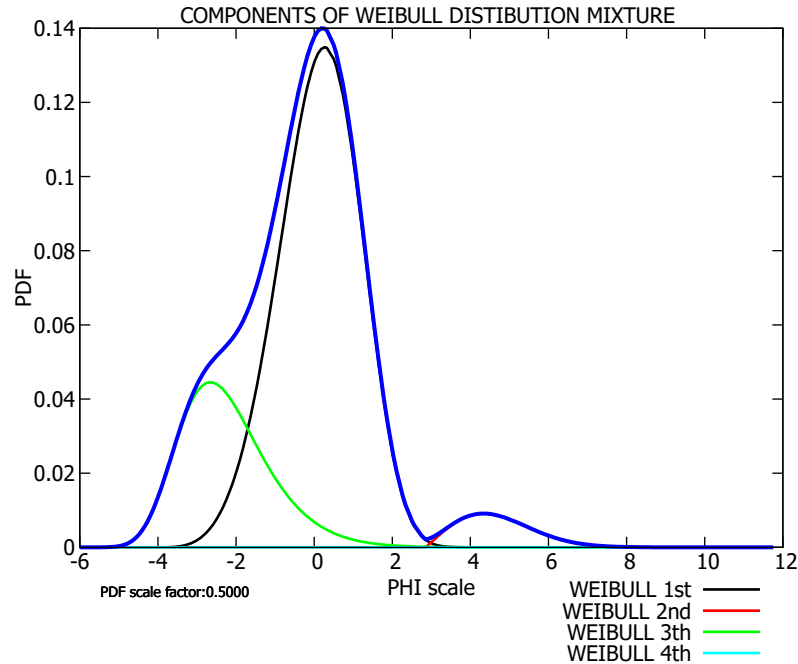
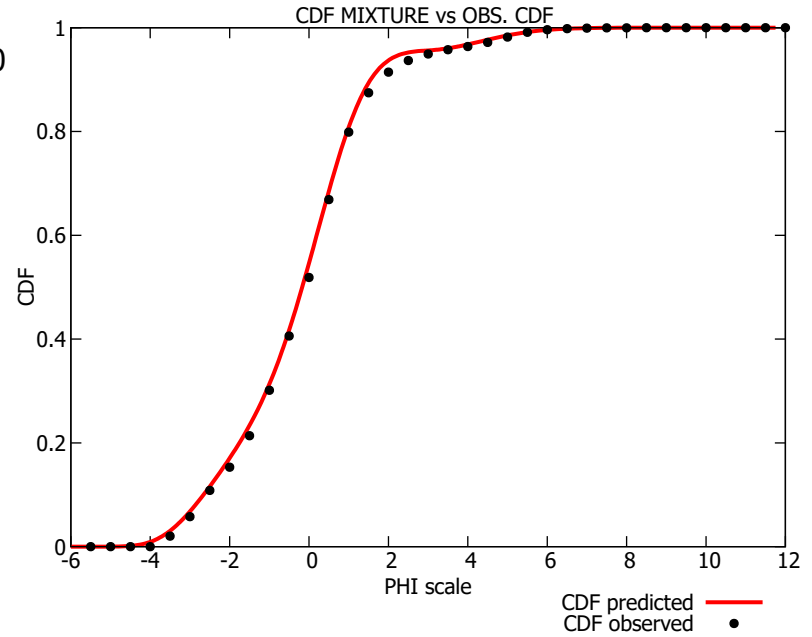
Standard deviation(PHI) = 1.78909 Poorly sorted

Skewness = 0.48956 Positive skewed

Kurtosis(normalized) = 1.19945 Leptokurtic



Sample 50



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
INSIDE PARTICLE SIZE DISTRIBUTIONS
<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA15.dat

OUTPUT REPORT >: S9SA15.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9993555

Coefficient of Determination(R^2) = 0.9998278

Kolmogorov-Smirnoff difference(Ks) = 0.0277803

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9849394

Coefficient of Determination(R^2) = 0.9925158

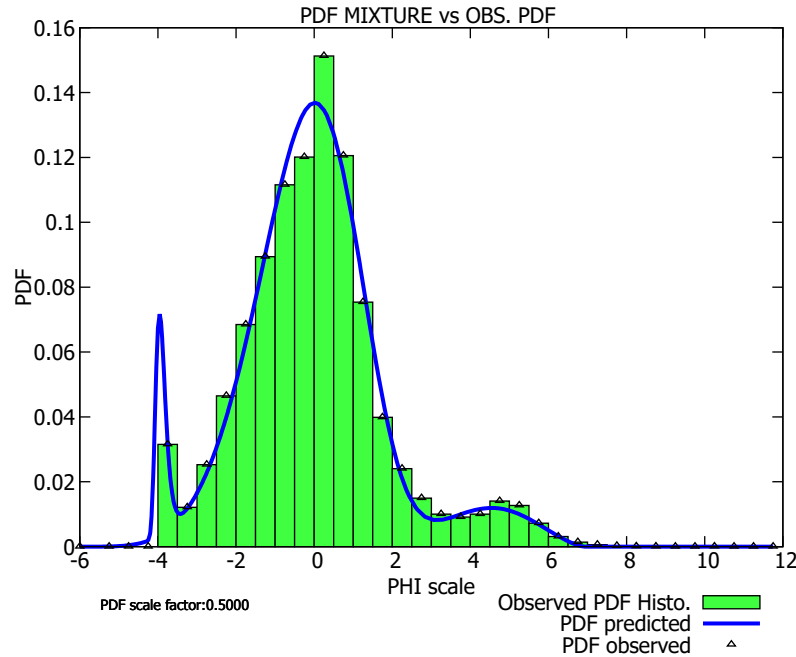
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = -0.14091

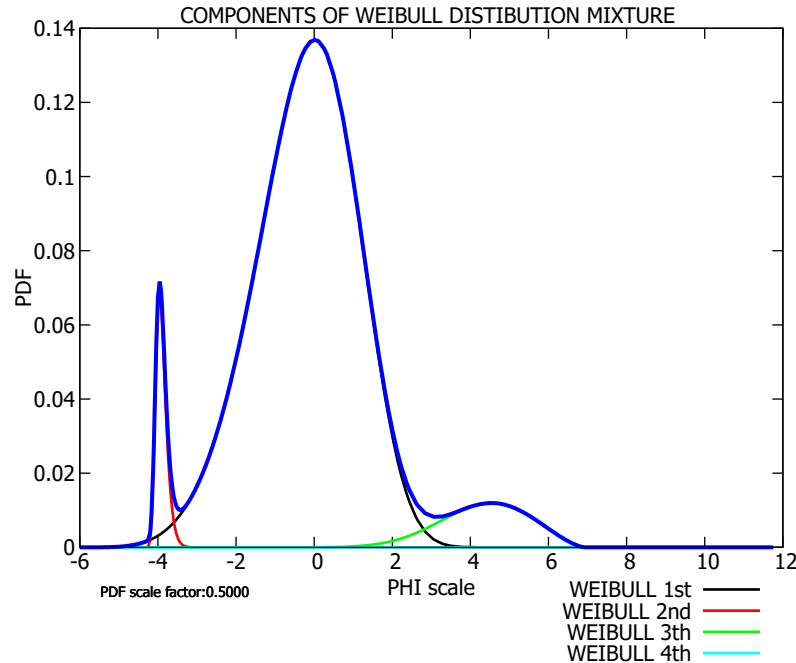
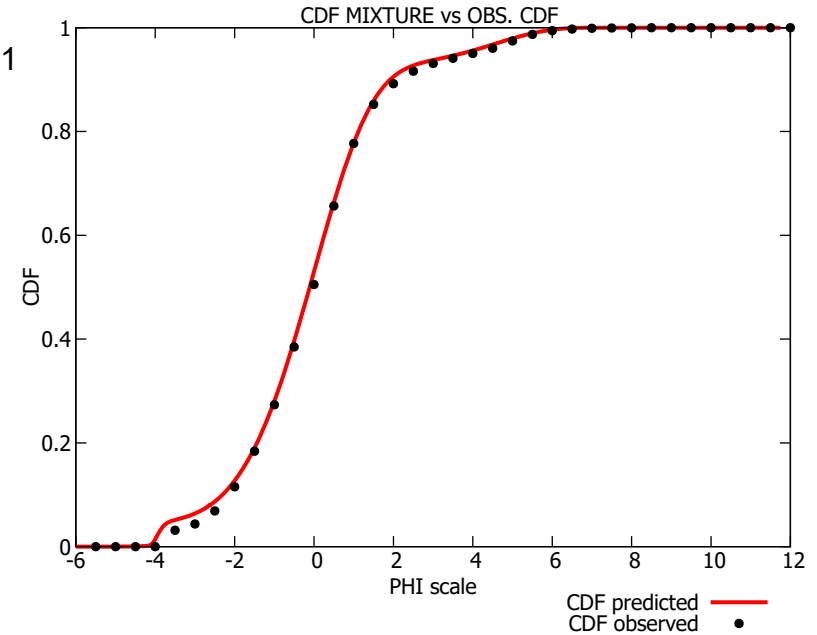
Standard deviation(PHI) = 1.80815 Poorly sorted

Skewness = 0.59105 Positive skewed

Kurtosis(normalized) = 1.18494 Leptokurtic



Sample 51



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
 INSIDE PARTICLE SIZE DISTRIBUTIONS
<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA14.dat

OUTPUT REPORT >: S9SA14.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9994969

Coefficient of Determination(R^2) = 0.9998915

Kolmogorov-Smirnoff difference(Ks) = 0.0250147

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9881712

Coefficient of Determination(R^2) = 0.9941378

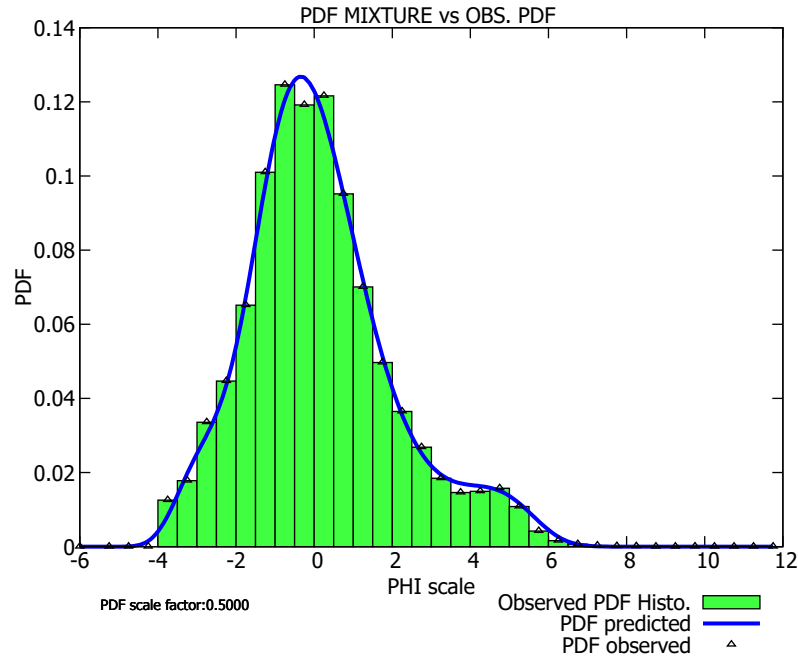
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 0.03475

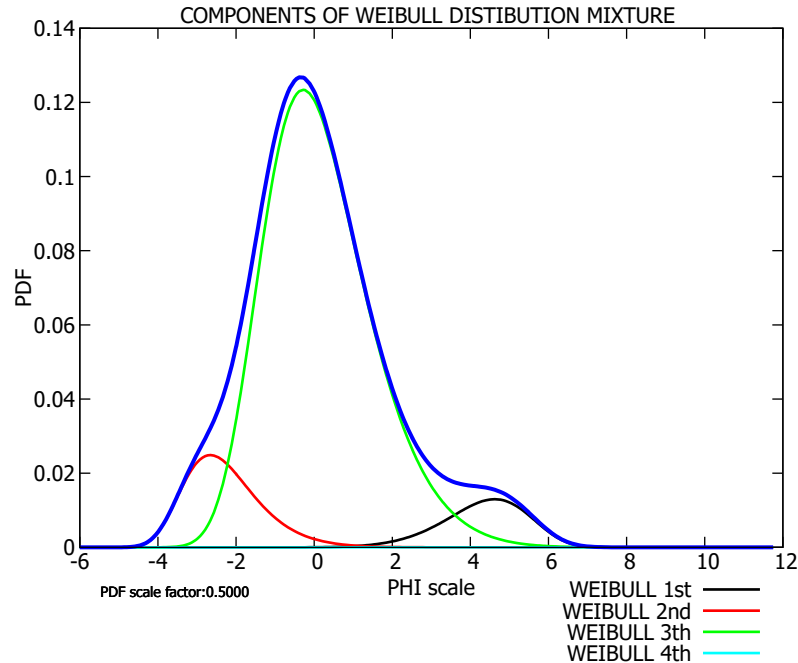
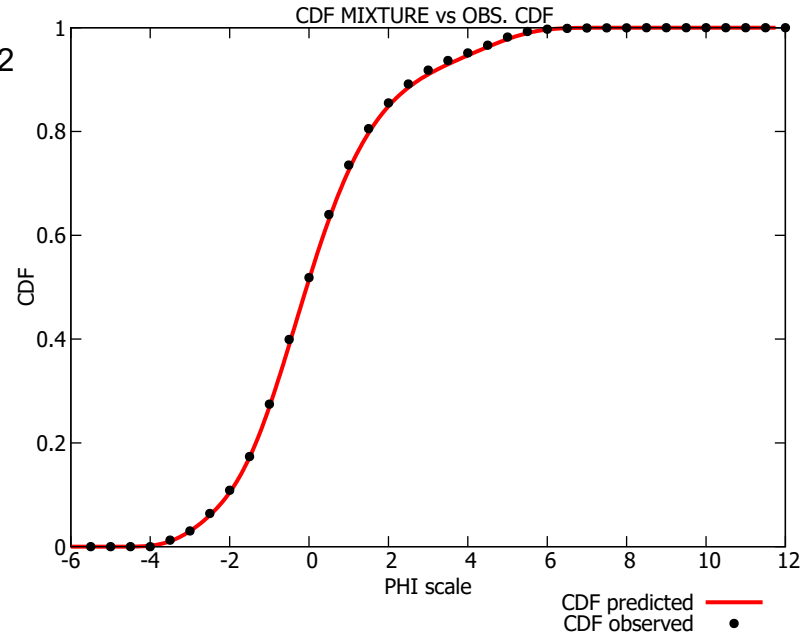
Standard deviation(PHI) = 1.86656 Poorly sorted

Skewness = 0.74274 Positive skewed

Kurtosis(normalized) = 1.34742 Leptokurtic



Sample 52



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
 INSIDE PARTICLE SIZE DISTRIBUTIONS
<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA13.dat

OUTPUT REPORT >: S9SA13.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9998726

Coefficient of Determination(R^2) = 0.9999610

Kolmogorov-Smirnoff difference(Ks) = 0.0104038

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9965841

Coefficient of Determination(R^2) = 0.9983097

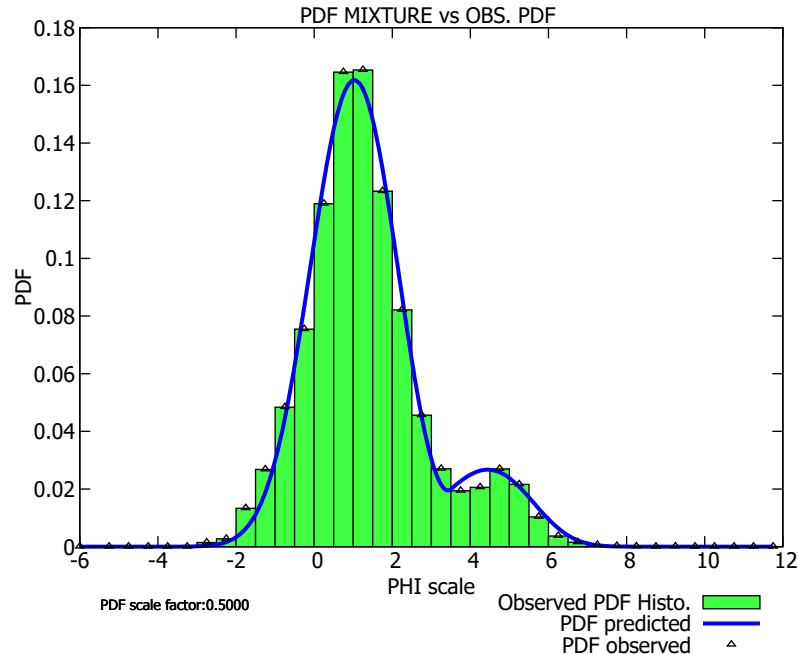
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 0.12622

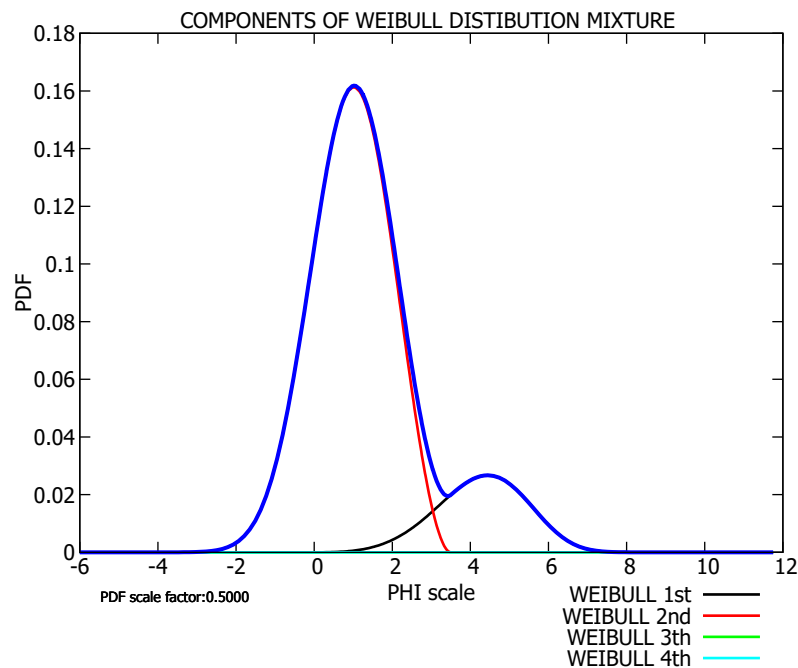
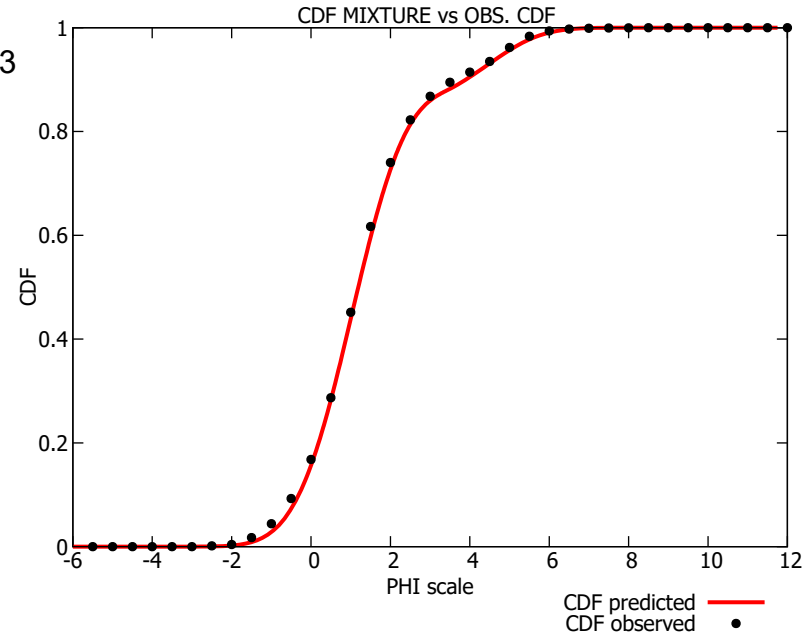
Standard deviation(PHI) = 1.87691 Poorly sorted

Skewness = 0.66742 Positive skewed

Kurtosis(normalized) = 0.55326 Mesokurtic



Sample 53



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
 INSIDE PARTICLE SIZE DISTRIBUTIONS
<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA12.dat

OUTPUT REPORT >: S9SA12.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9996850

Coefficient of Determination(R^2) = 0.9999024

Kolmogorov-Smirnoff difference(Ks) = 0.0208396

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9929334

Coefficient of Determination(R^2) = 0.9964899

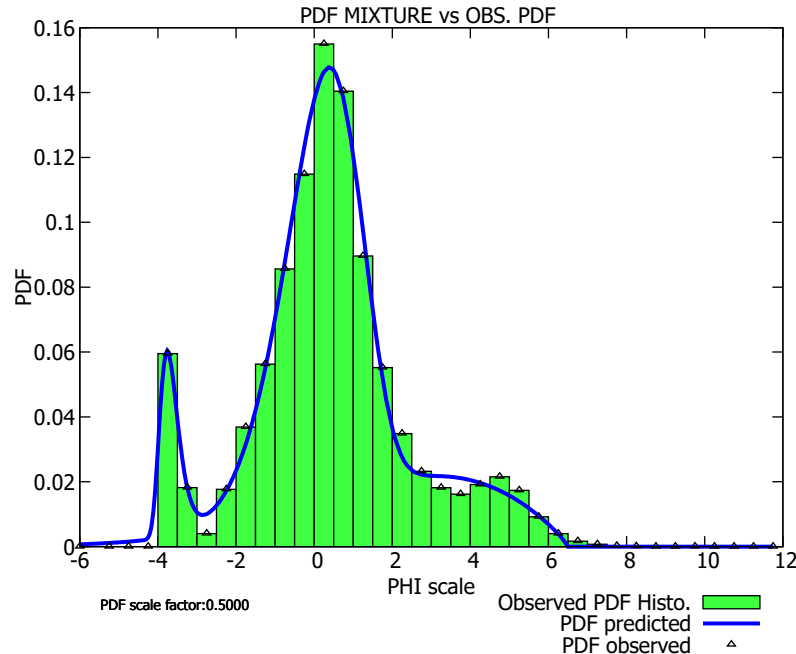
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 1.35575

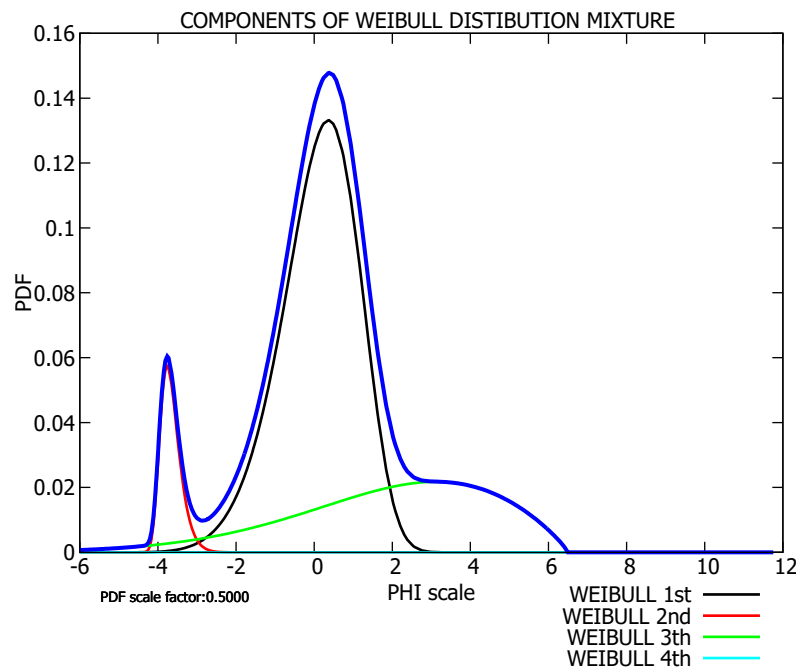
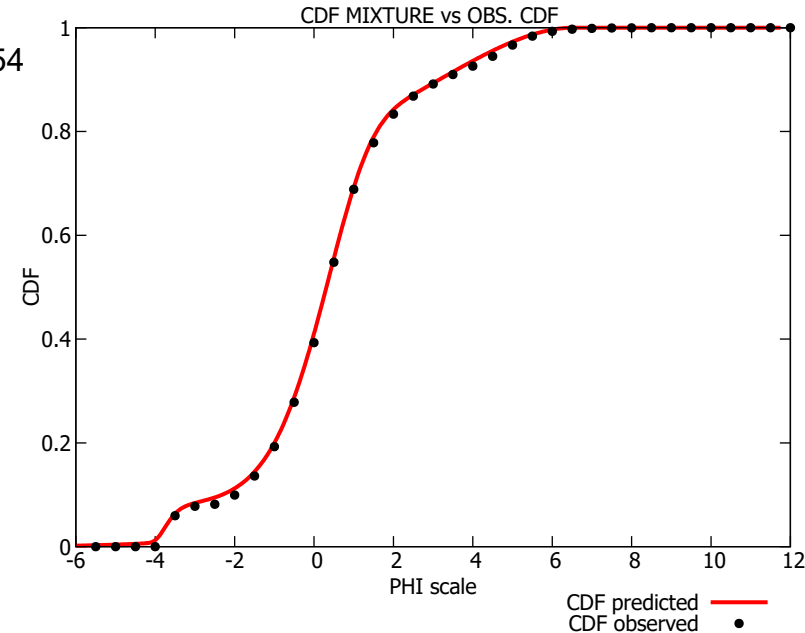
Standard deviation(PHI) = 1.58611 Poorly sorted

Skewness = 0.79579 Positive skewed

Kurtosis(normalized) = 0.81832 Leptokurtic



Sample 54



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
 INSIDE PARTICLE SIZE DISTRIBUTIONS

<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA11.dat

OUTPUT REPORT >: S9SA11.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9997035

Coefficient of Determination(R^2) = 0.9999509

Kolmogorov-Smirnoff difference(Ks) = 0.0175837

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9927453

Coefficient of Determination(R^2) = 0.9963664

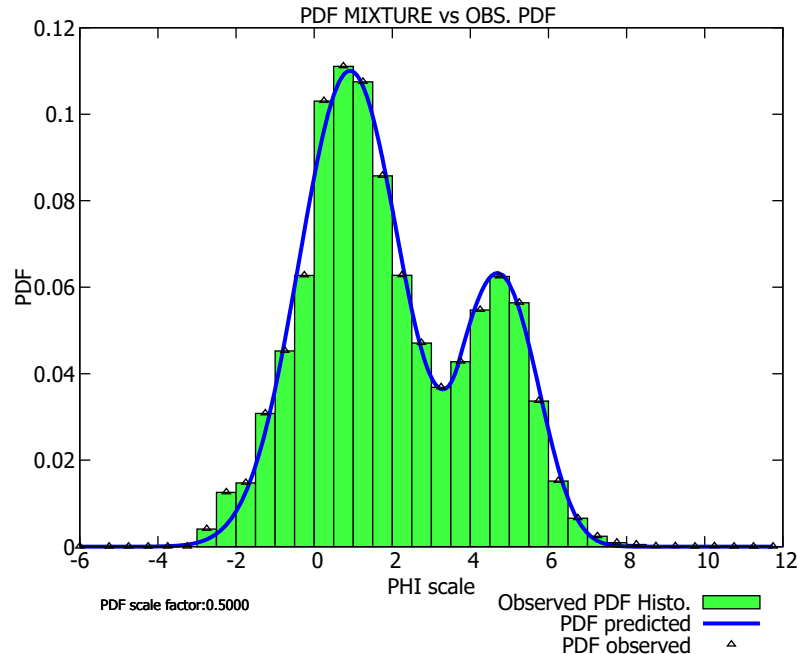
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 0.43532

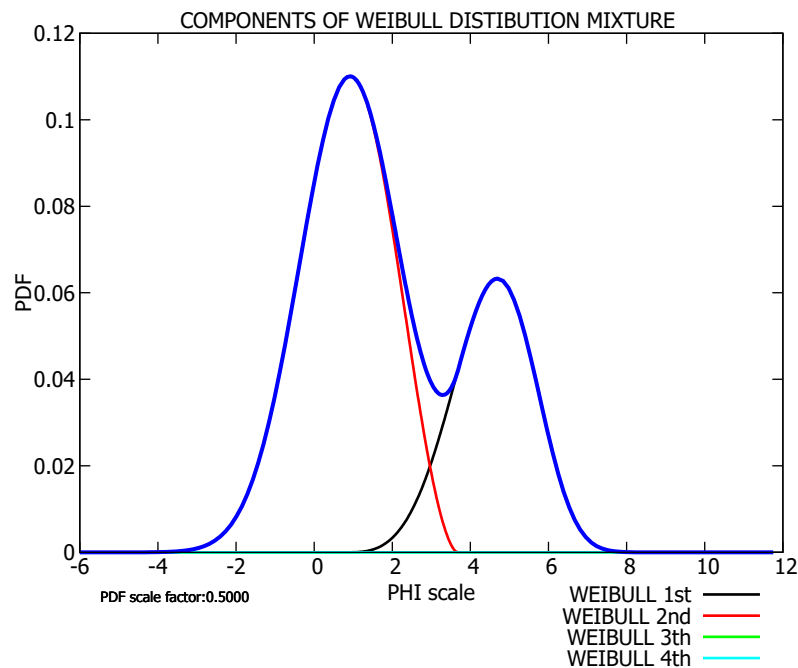
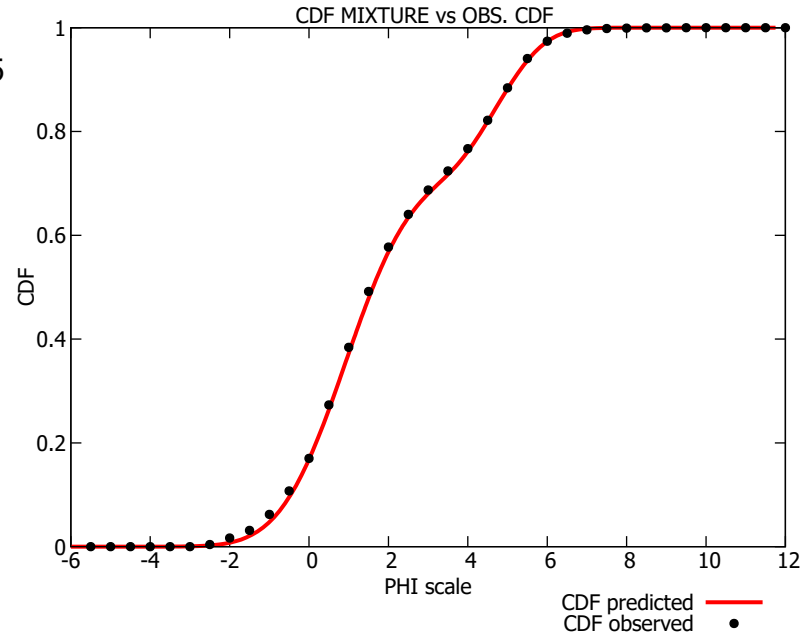
Standard deviation(PHI) = 2.05716 Very poorly sorted

Skewness = 0.34617 Symmetrical

Kurtosis(normalized) = 0.62111 Mesokurtic



Sample 55



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
INSIDE PARTICLE SIZE DISTRIBUTIONS
<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA10.dat

OUTPUT REPORT >: S9SA10.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9998007

Coefficient of Determination(R^2) = 0.9999421

Kolmogorov-Smirnoff difference(Ks) = 0.0147794

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9924790

Coefficient of Determination(R^2) = 0.9963344

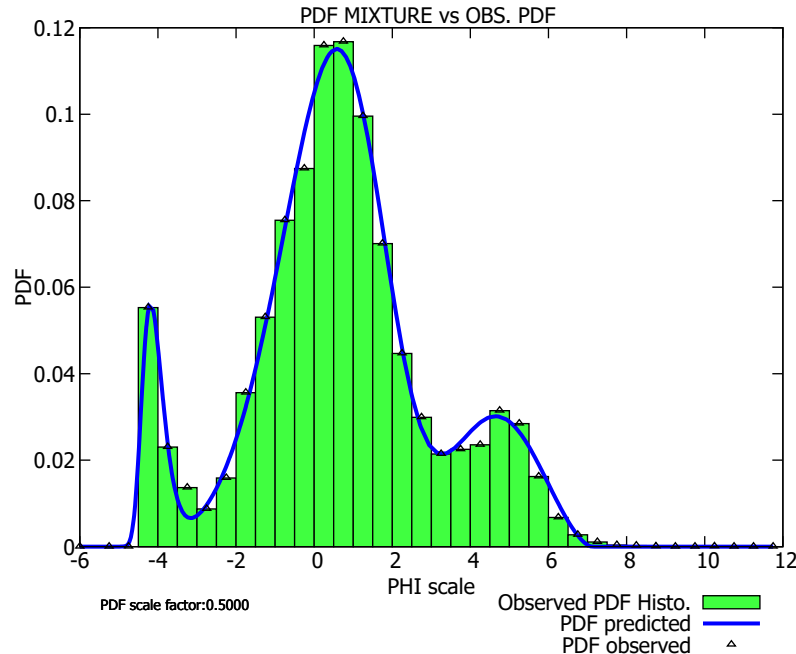
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 1.98114

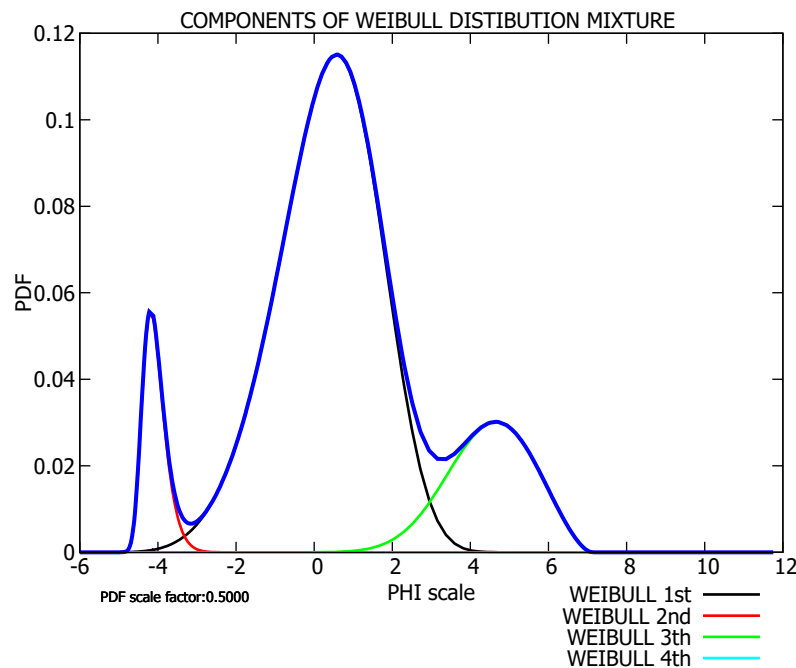
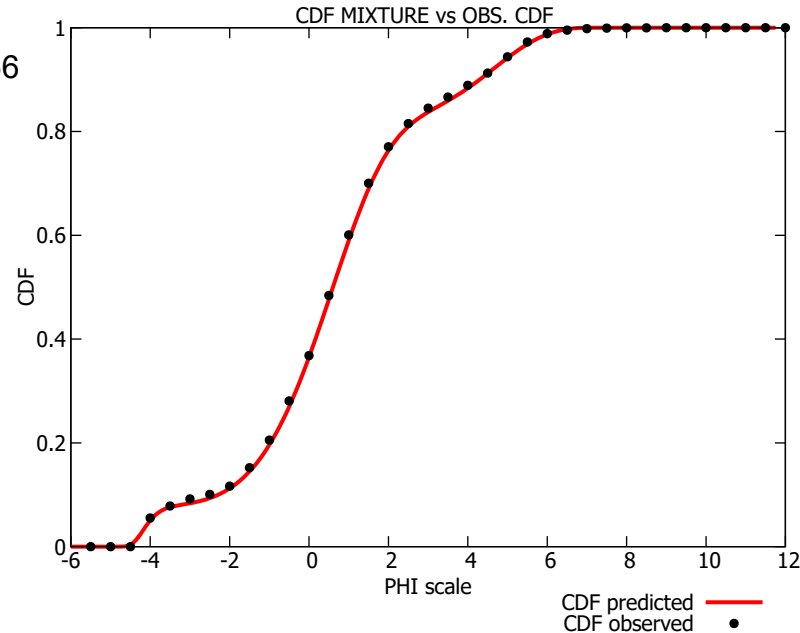
Standard deviation(PHI) = 2.14689 Very poorly sorted

Skewness = 0.31867 Symmetrical

Kurtosis(normalized) = -0.74709 Platykurtic



Sample 56



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
 INSIDE PARTICLE SIZE DISTRIBUTIONS

<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA9.dat

OUTPUT REPORT >: S9SA9.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9998216

Coefficient of Determination(R^2) = 0.9999519

Kolmogorov-Smirnoff difference(Ks) = 0.0109883

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9941191

Coefficient of Determination(R^2) = 0.9970606

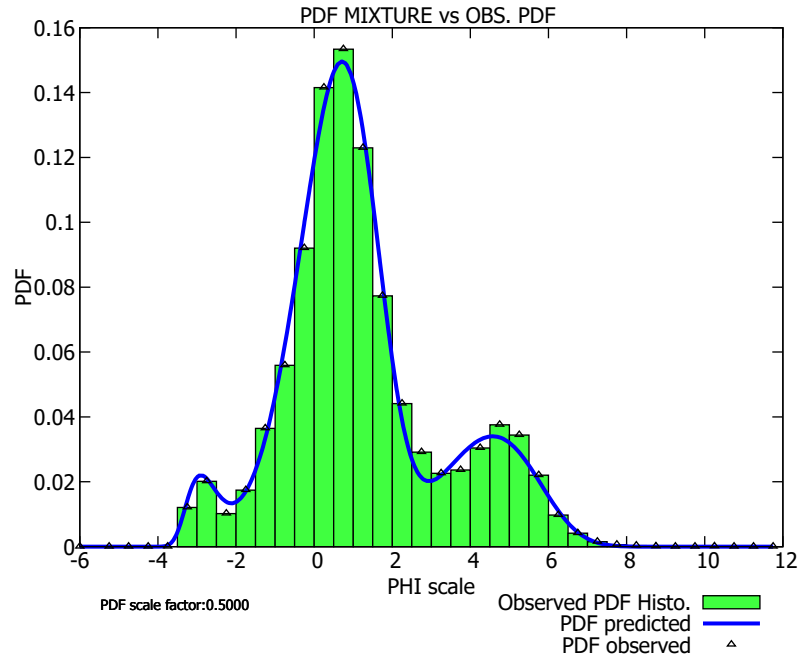
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 0.64432

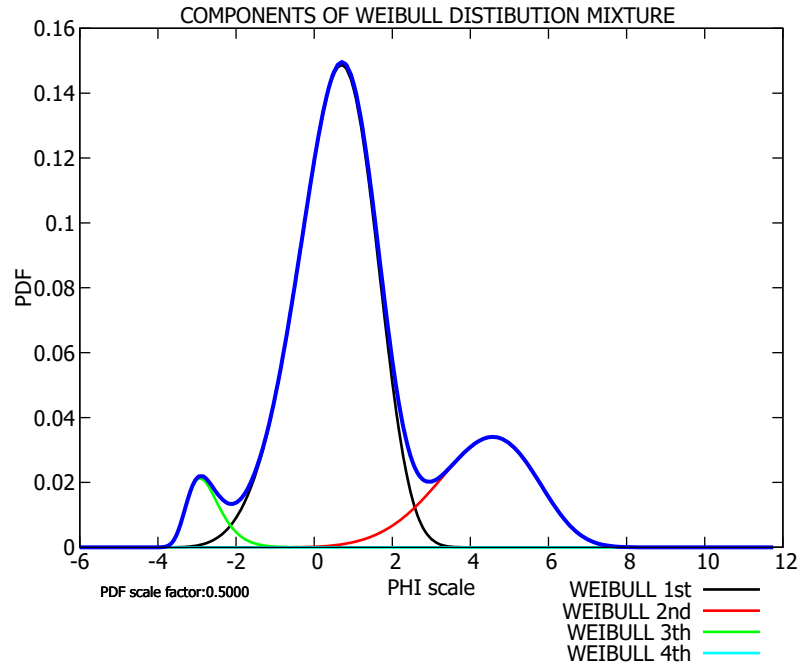
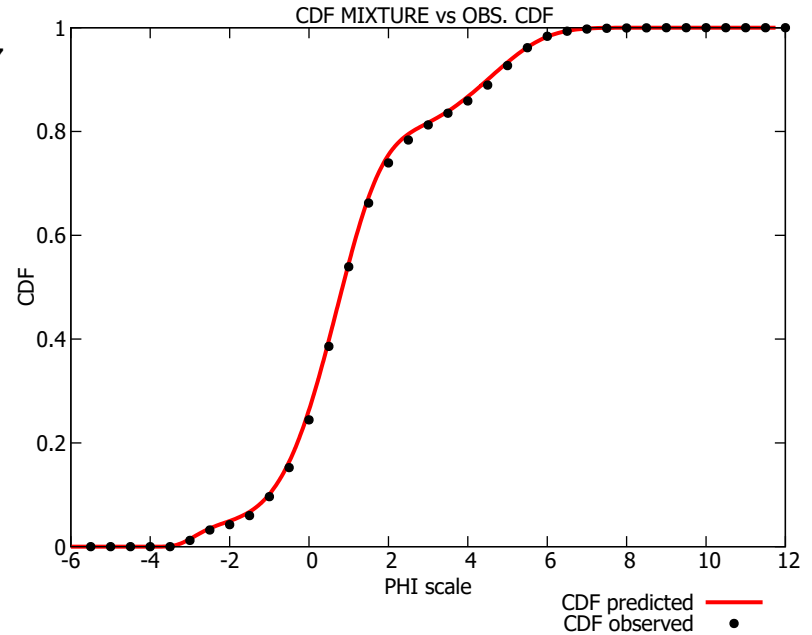
Standard deviation(PHI) = 2.39733 Very poorly sorted

Skewness = 0.11333 Symmetrical

Kurtosis(normalized) = 0.03217 Mesokurtic



Sample 57



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
INSIDE PARTICLE SIZE DISTRIBUTIONS
<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA8.dat

OUTPUT REPORT >: S9SA8.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9997508

Coefficient of Determination(R^2) = 0.9999270

Kolmogorov-Smirnoff difference(Ks) = 0.0192999

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9933209

Coefficient of Determination(R^2) = 0.9966672

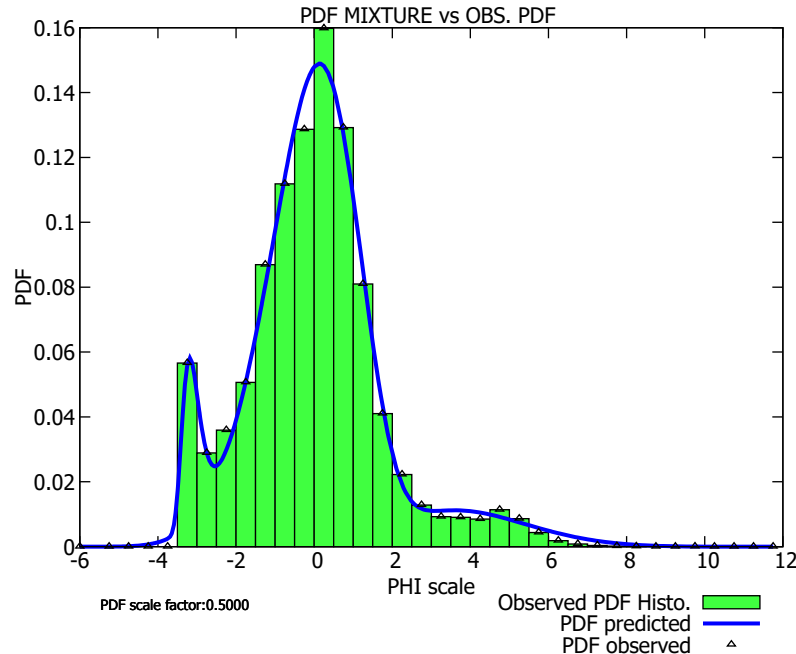
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 1.25202

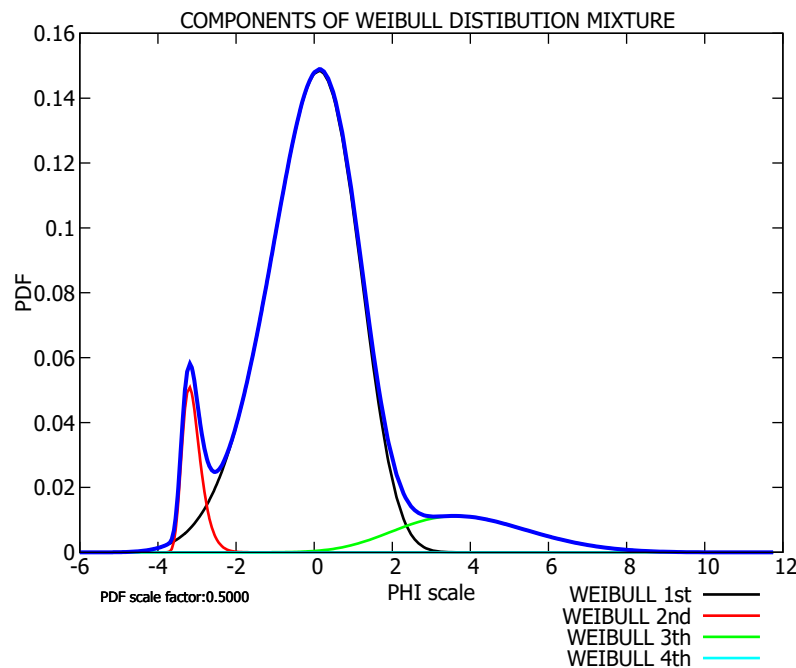
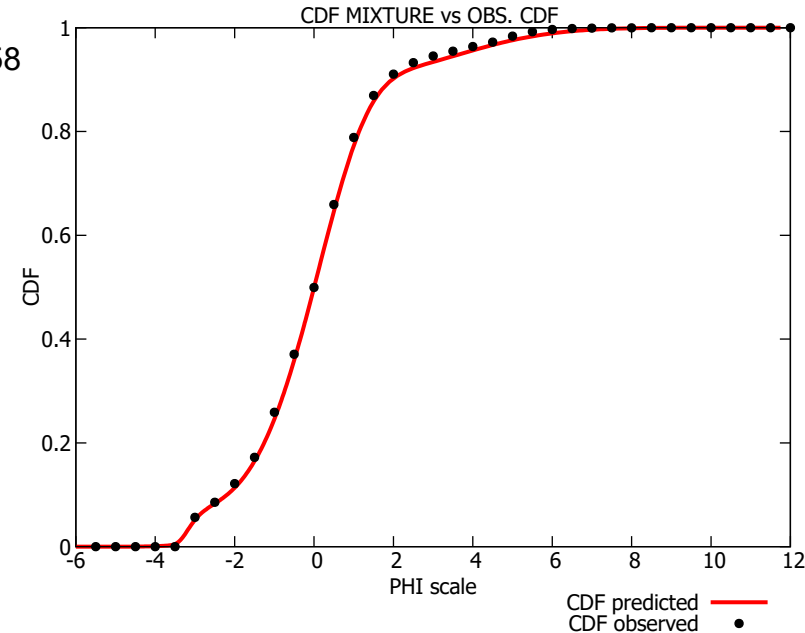
Standard deviation(PHI) = 2.05347 Very poorly sorted

Skewness = 0.59752 Positive skewed

Kurtosis(normalized) = 0.16097 Mesokurtic



Sample 58



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
 INSIDE PARTICLE SIZE DISTRIBUTIONS

<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA7.dat

OUTPUT REPORT >: S9SA7.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9996992

Coefficient of Determination(R^2) = 0.9999199

Kolmogorov-Smirnoff difference(Ks) = 0.0157943

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9934808

Coefficient of Determination(R^2) = 0.9967564

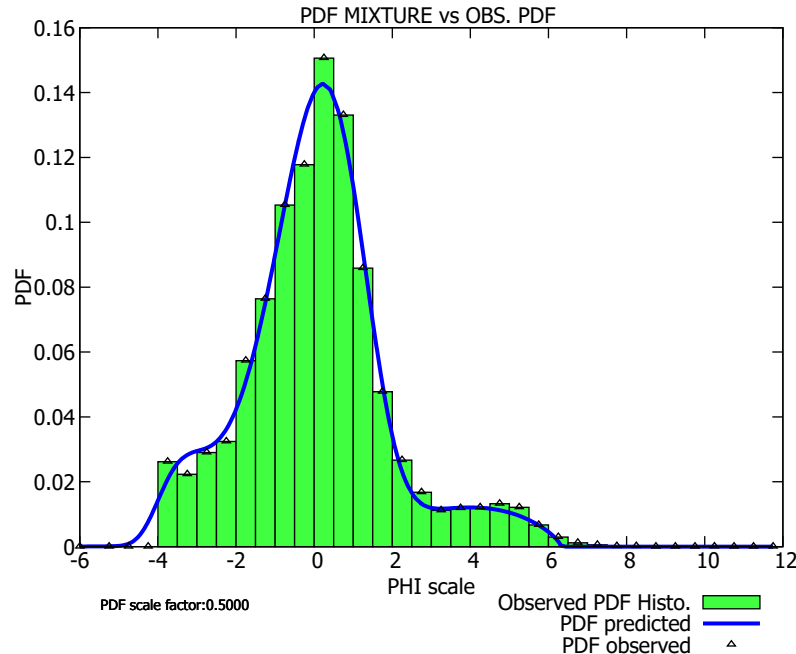
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = -0.01264

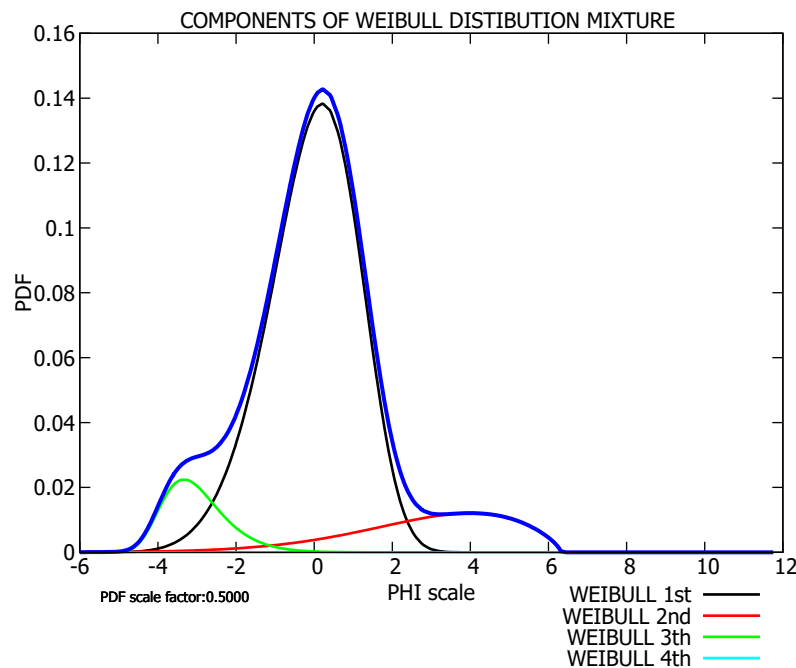
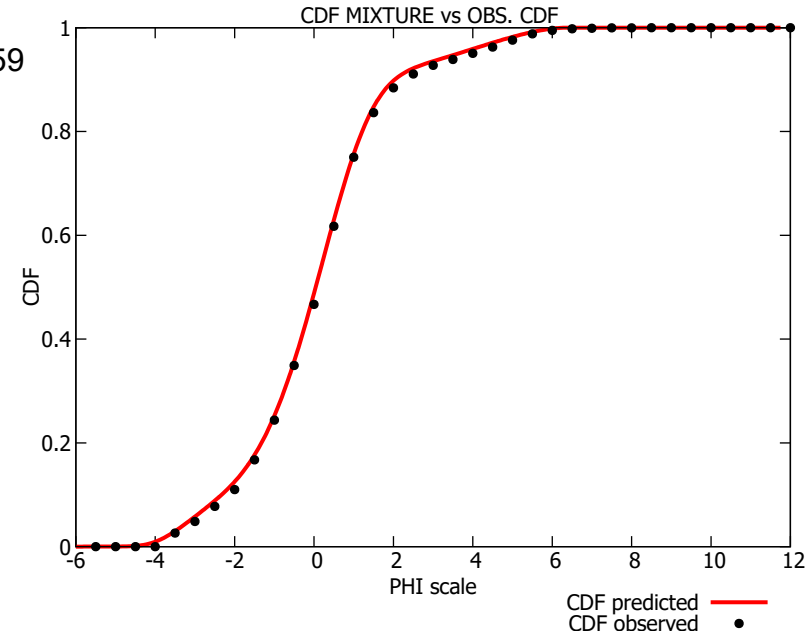
Standard deviation(PHI) = 1.73128 Poorly sorted

Skewness = 0.64136 Positive skewed

Kurtosis(normalized) = 1.35024 Leptokurtic



Sample 59



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
 INSIDE PARTICLE SIZE DISTRIBUTIONS

<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA6.dat

OUTPUT REPORT >: S9SA6.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9996306

Coefficient of Determination(R^2) = 0.9999194

Kolmogorov-Smirnoff difference(Ks) = 0.0214015

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9911202

Coefficient of Determination(R^2) = 0.9955624

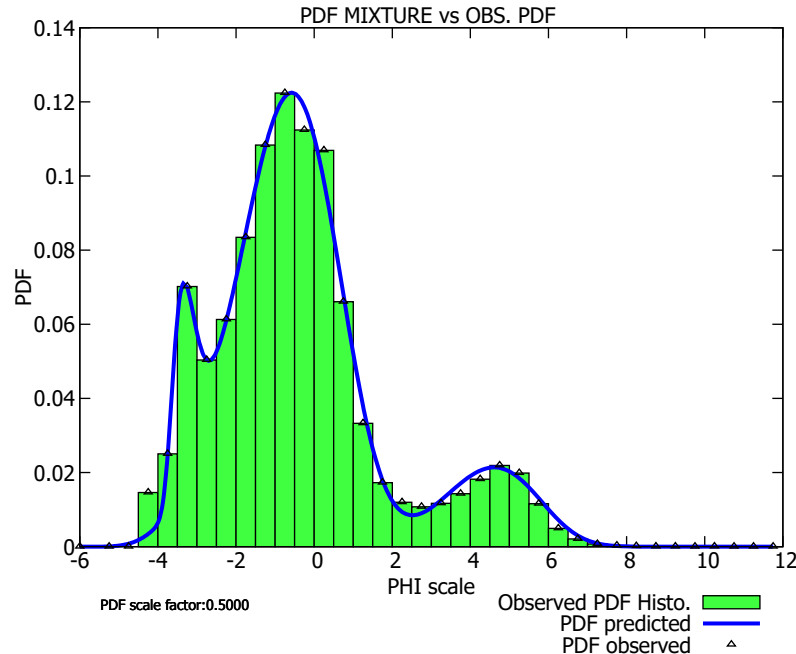
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 0.14101

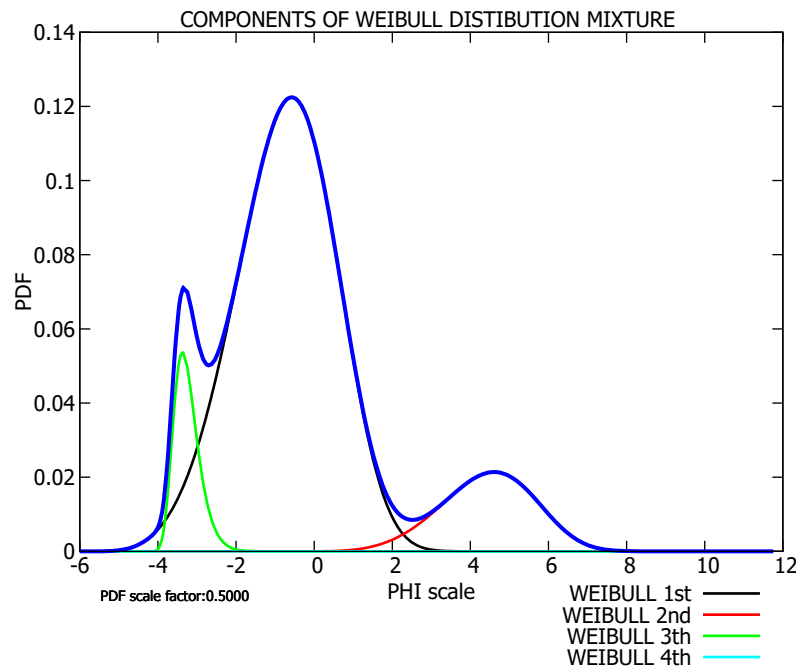
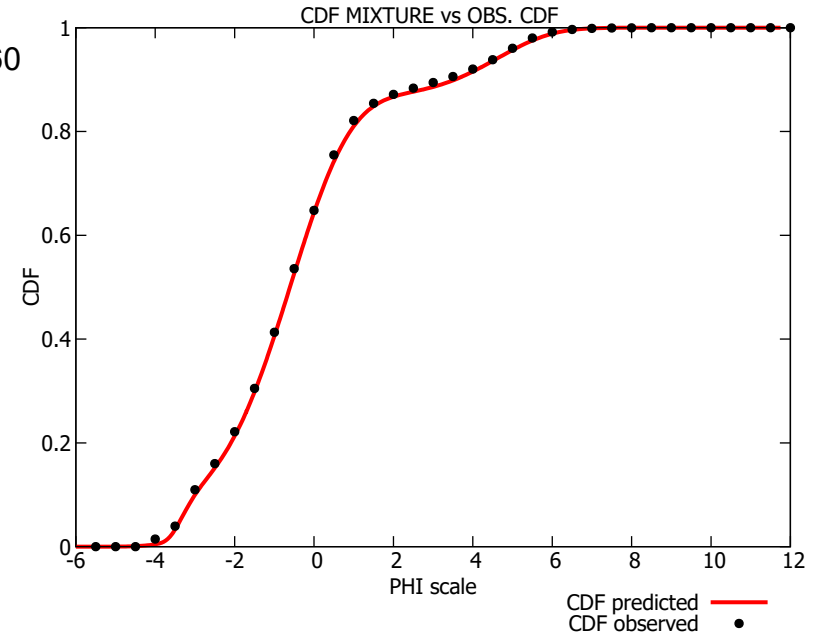
Standard deviation(PHI) = 1.86686 Poorly sorted

Skewness = 0.59561 Positive skewed

Kurtosis(normalized) = 1.10280 Leptokurtic



Sample 60



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
INSIDE PARTICLE SIZE DISTRIBUTIONS
<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA5.dat

OUTPUT REPORT >: S9SA5.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9997661

Coefficient of Determination(R^2) = 0.9999487

Kolmogorov-Smirnoff difference(Ks) = 0.0128385

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9939943

Coefficient of Determination(R^2) = 0.9970034

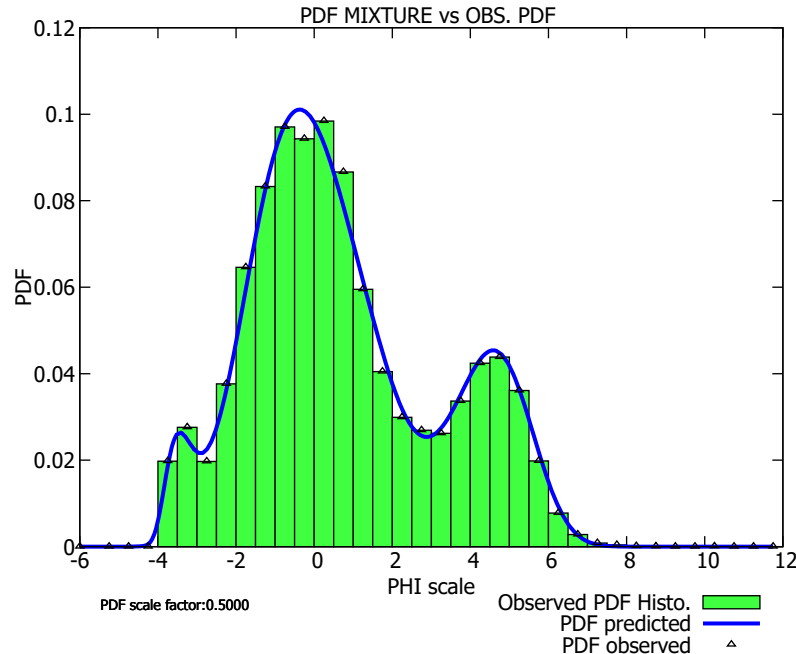
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = -0.35625

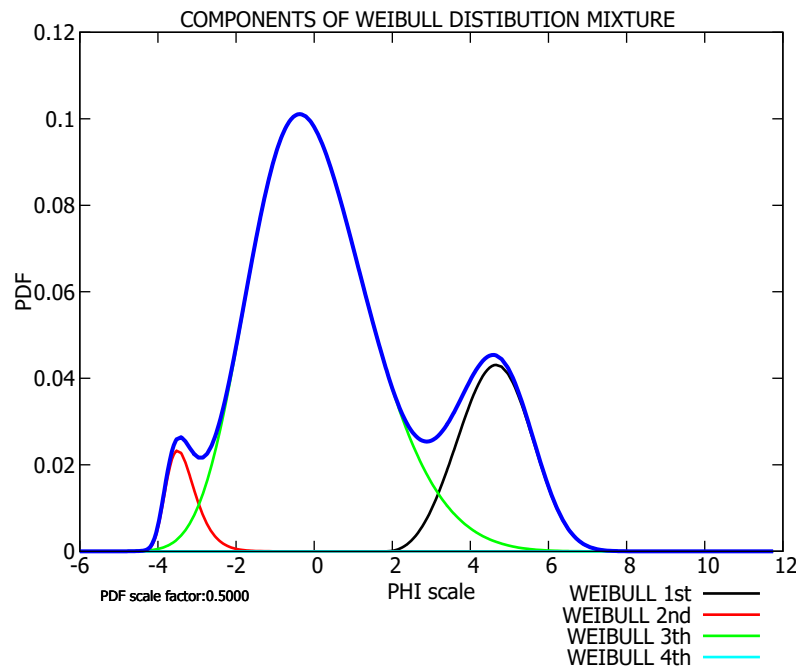
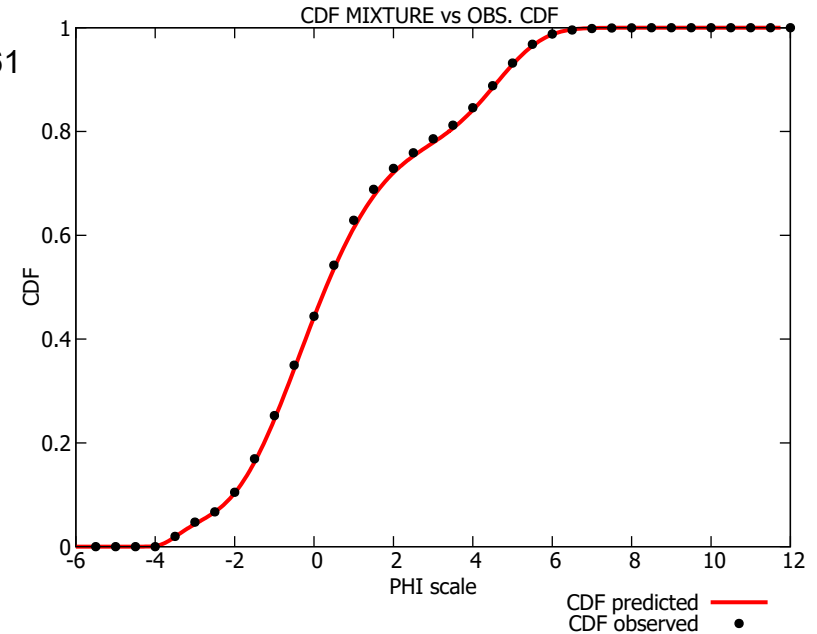
Standard deviation(PHI) = 2.25982 Very poorly sorted

Skewness = 0.96509 Positive skewed

Kurtosis(normalized) = 0.80867 Leptokurtic



Sample 61



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
 INSIDE PARTICLE SIZE DISTRIBUTIONS
<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA4.dat

OUTPUT REPORT >: S9SA4.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9998407

Coefficient of Determination(R^2) = 0.9999477

Kolmogorov-Smirnoff difference(Ks) = 0.0151763

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9938617

Coefficient of Determination(R^2) = 0.9969579

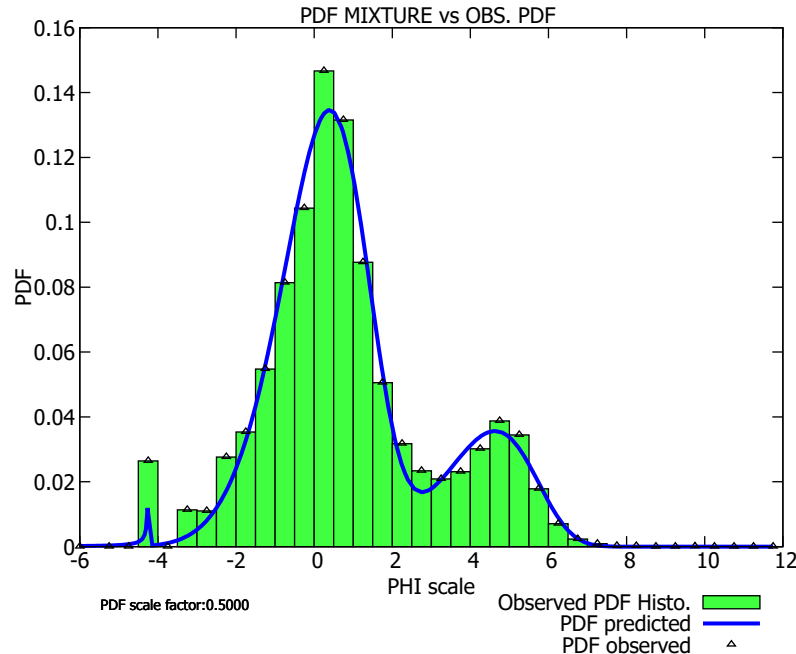
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 0.74530

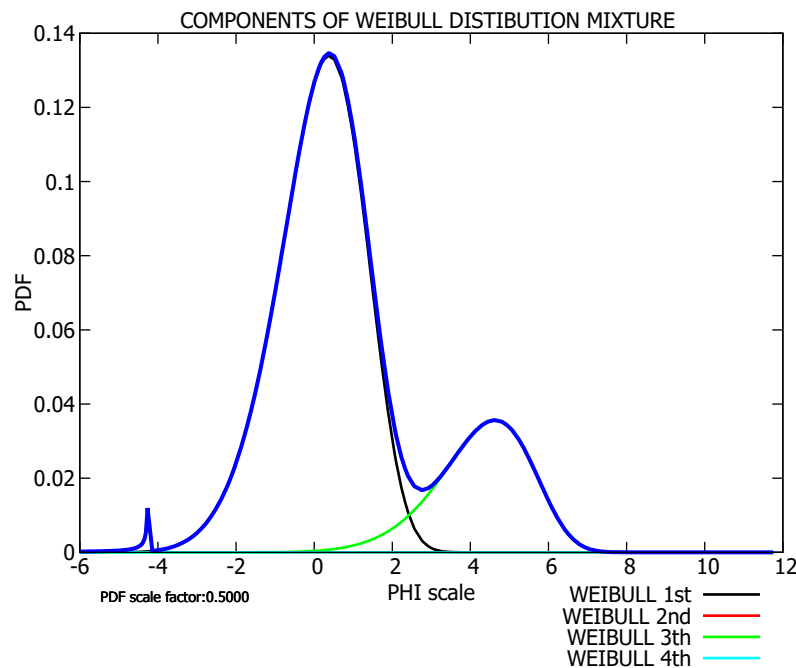
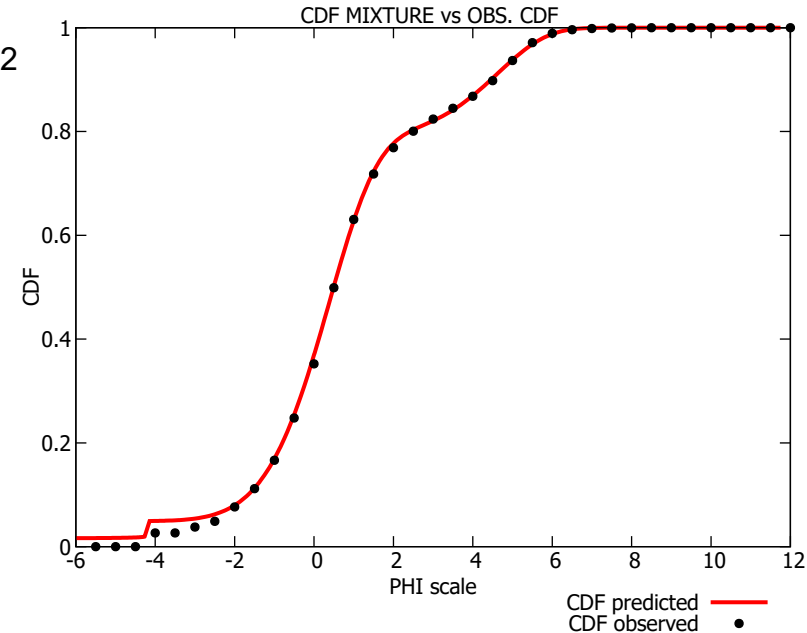
Standard deviation(PHI) = 2.45064 Very poorly sorted

Skewness = 0.48204 Positive skewed

Kurtosis(normalized) = -0.57994 Platykurtic



Sample 62



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
 INSIDE PARTICLE SIZE DISTRIBUTIONS
<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA3.dat

OUTPUT REPORT >: S9SA3.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9994920

Coefficient of Determination(R^2) = 0.9999292

Kolmogorov-Smirnoff difference(Ks) = 0.0242726

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9854260

Coefficient of Determination(R^2) = 0.9928376

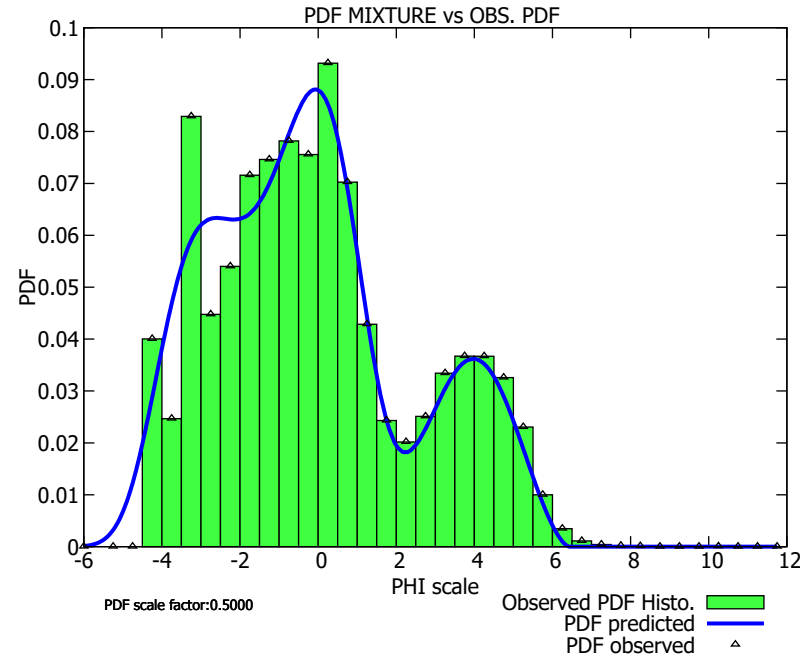
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 0.83802

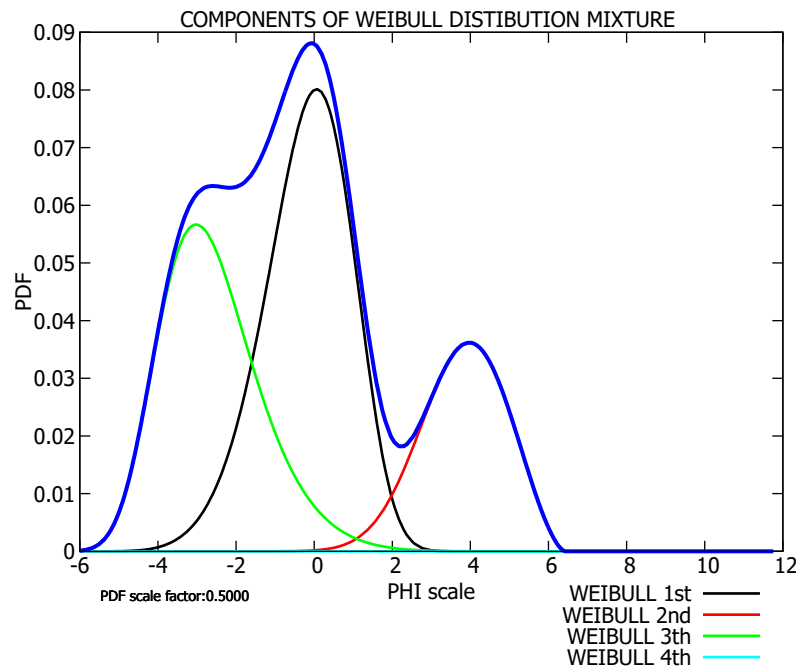
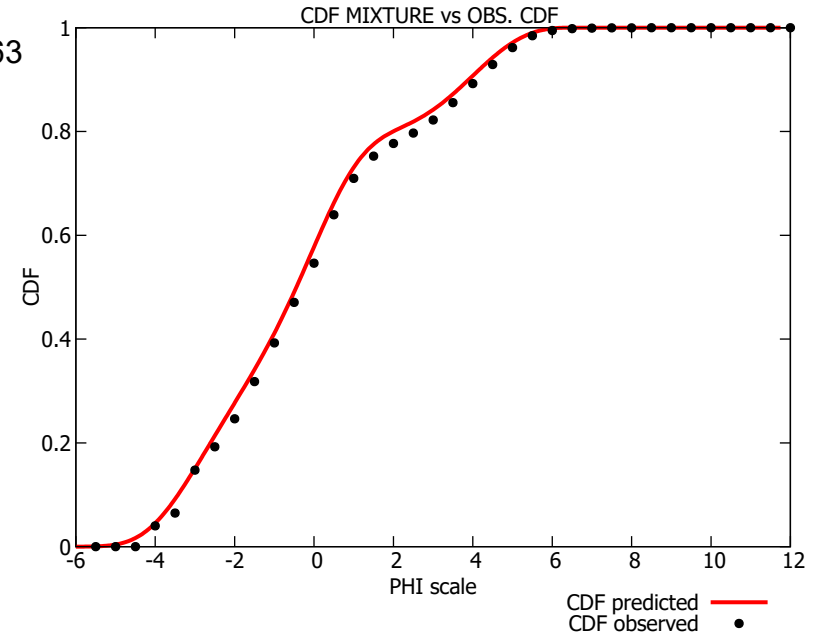
Standard deviation(PHI) = 2.23743 Very poorly sorted

Skewness = 0.42526 Symmetrical

Kurtosis(normalized) = 0.11607 Mesokurtic



Sample 63



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
 INSIDE PARTICLE SIZE DISTRIBUTIONS

<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA2.dat

OUTPUT REPORT >: S9SA2.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9982527

Coefficient of Determination(R^2) = 0.9996506

Kolmogorov-Smirnoff difference(Ks) = 0.0313804

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9324537

Coefficient of Determination(R^2) = 0.9657118

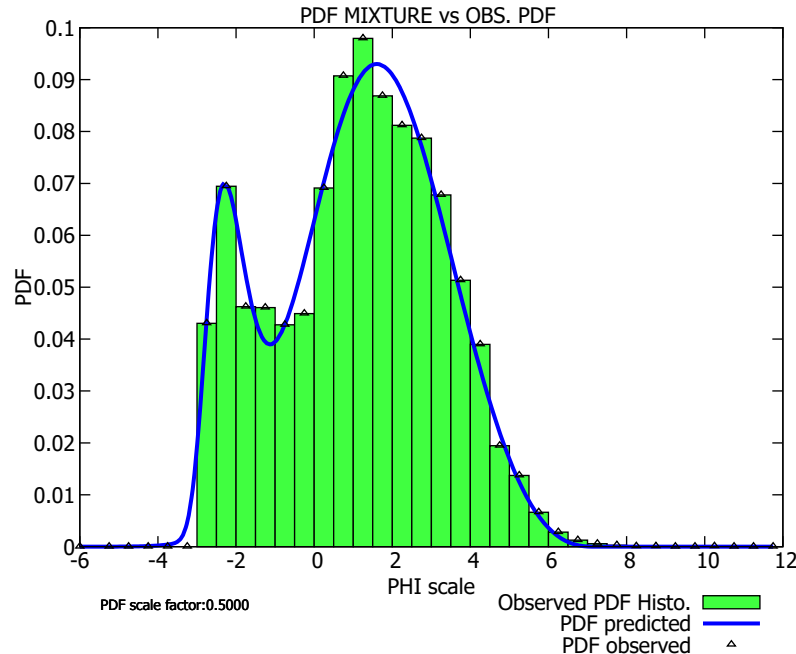
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = -0.01166

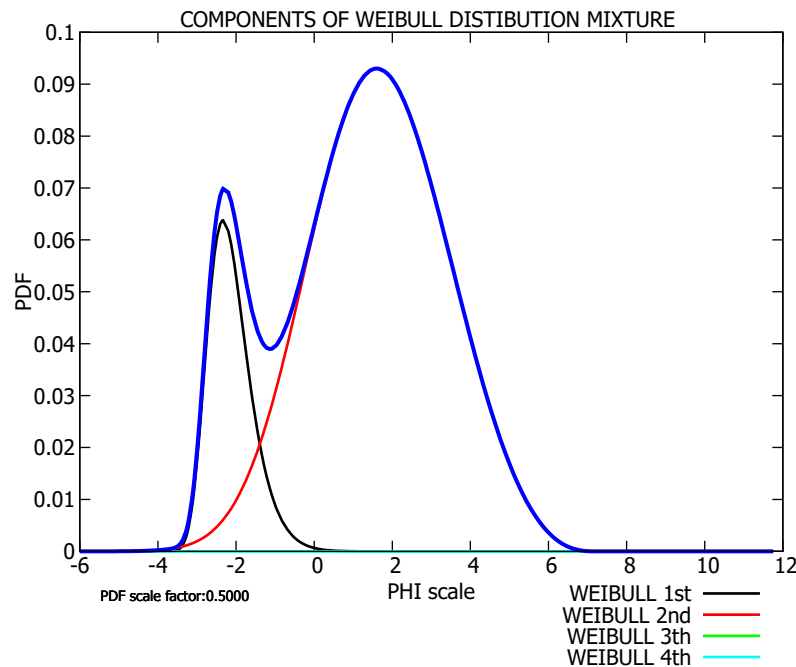
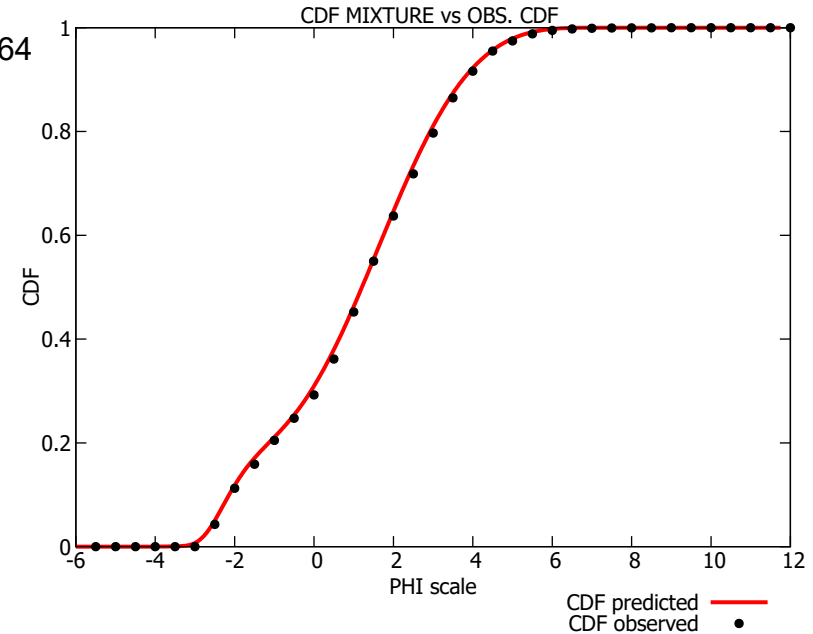
Standard deviation(PHI) = 2.61418 Very poorly sorted

Skewness = 0.45952 Positive skewed

Kurtosis(normalized) = -0.63289 Platykurtic



Sample 64



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
 INSIDE PARTICLE SIZE DISTRIBUTIONS

<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA1.dat

OUTPUT REPORT >: S9SA1.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9997040

Coefficient of Determination(R^2) = 0.9999201

Kolmogorov-Smirnoff difference(Ks) = 0.0181518

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9885912

Coefficient of Determination(R^2) = 0.9942794

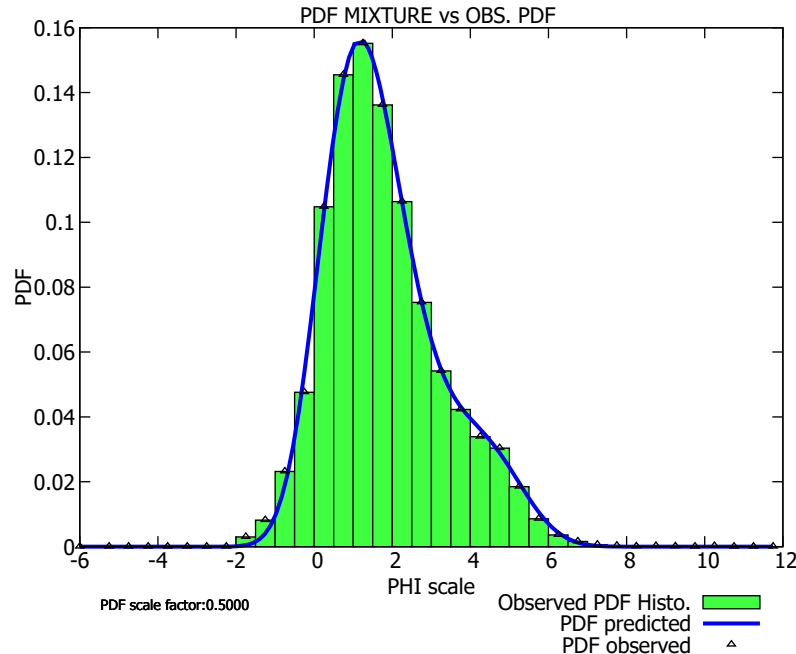
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 1.11917

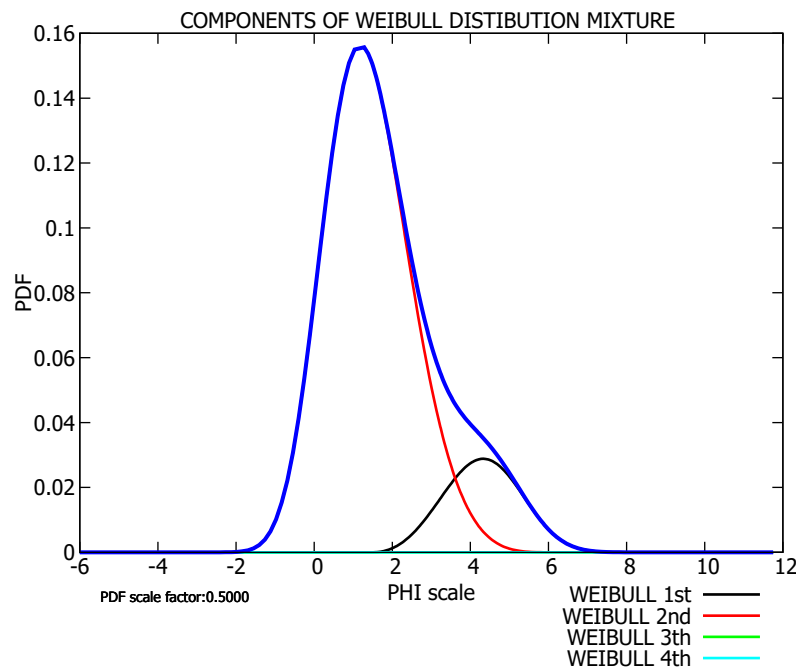
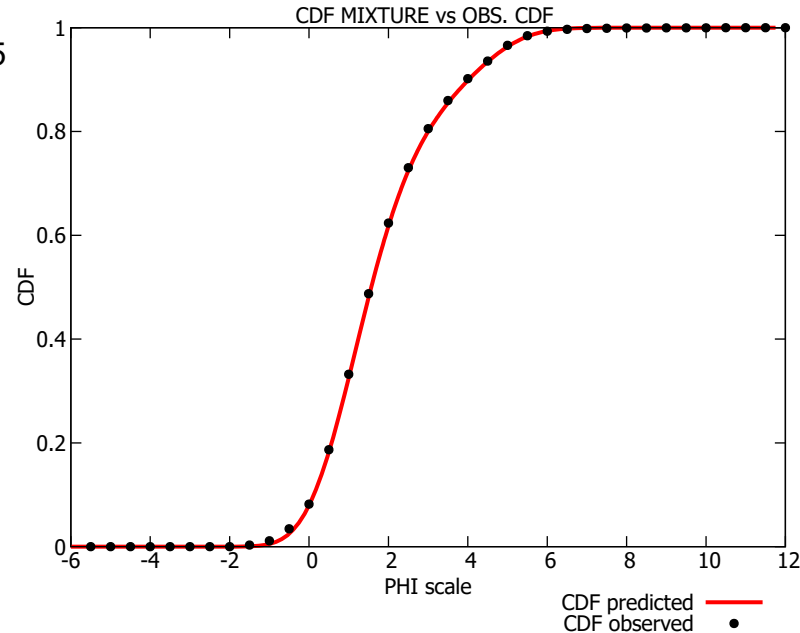
Standard deviation(PHI) = 2.12071 Very poorly sorted

Skewness = -0.05470 Symmetrical

Kurtosis(normalized) = -0.72135 Platykurtic



Sample 65



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
 INSIDE PARTICLE SIZE DISTRIBUTIONS
<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA73.dat

OUTPUT REPORT >: S9SA73.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9999401

Coefficient of Determination(R^2) = 0.9999797

Kolmogorov-Smirnoff difference(Ks) = 0.0094208

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9985671

Coefficient of Determination(R^2) = 0.9993005

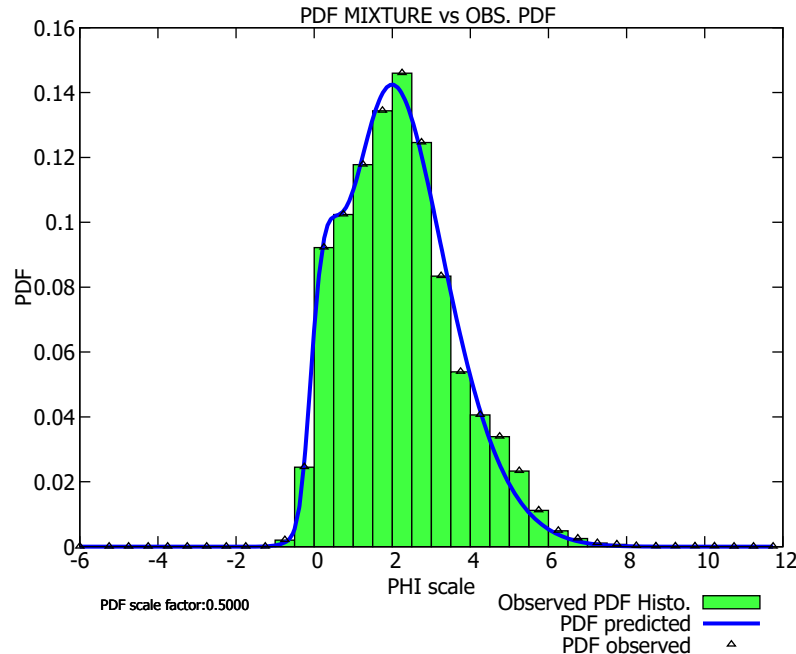
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 1.78656

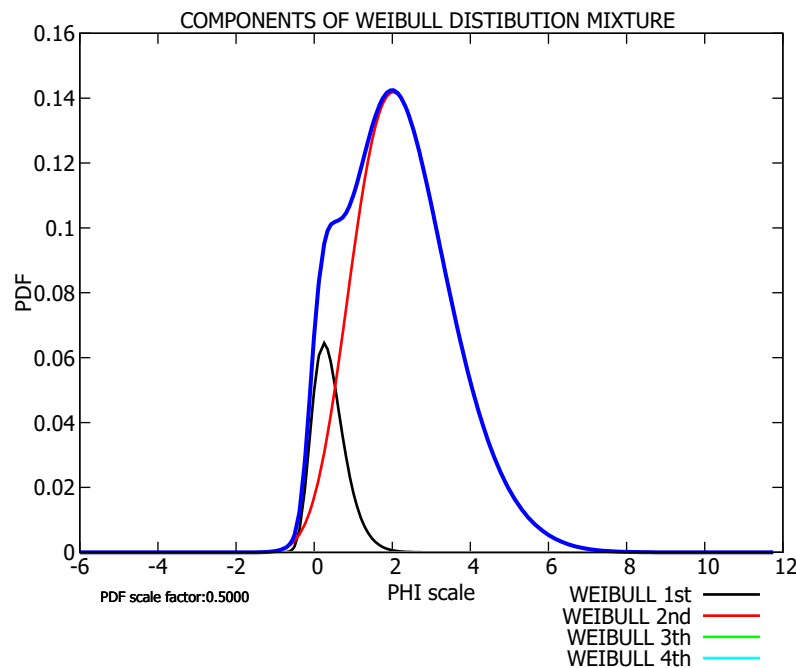
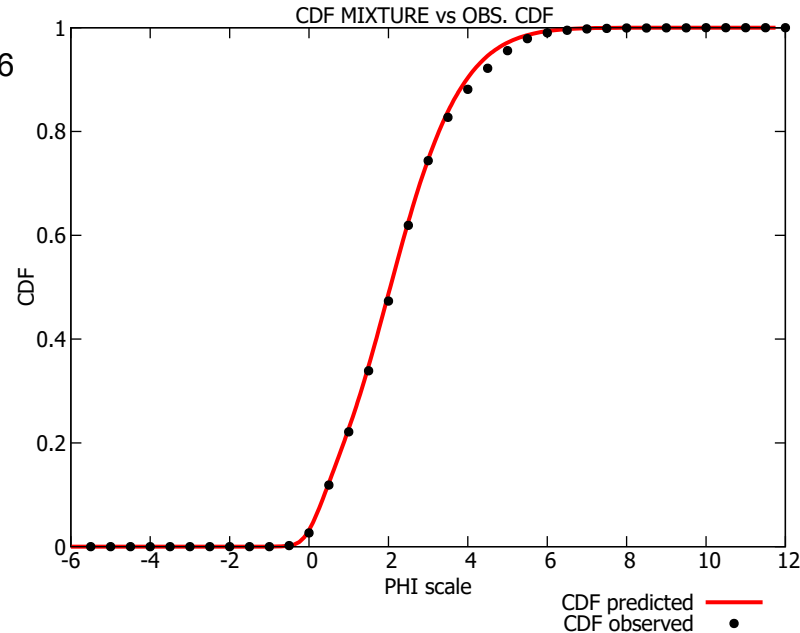
Standard deviation(PHI) = 1.49853 Poorly sorted

Skewness = 0.69092 Positive skewed

Kurtosis(normalized) = 0.40639 Mesokurtic



Sample 66



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
INSIDE PARTICLE SIZE DISTRIBUTIONS

<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA72.dat

OUTPUT REPORT >: S9SA72.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9997350

Coefficient of Determination(R^2) = 0.9999090

Kolmogorov-Smirnoff difference(Ks) = 0.0240272

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9934853

Coefficient of Determination(R^2) = 0.9969072

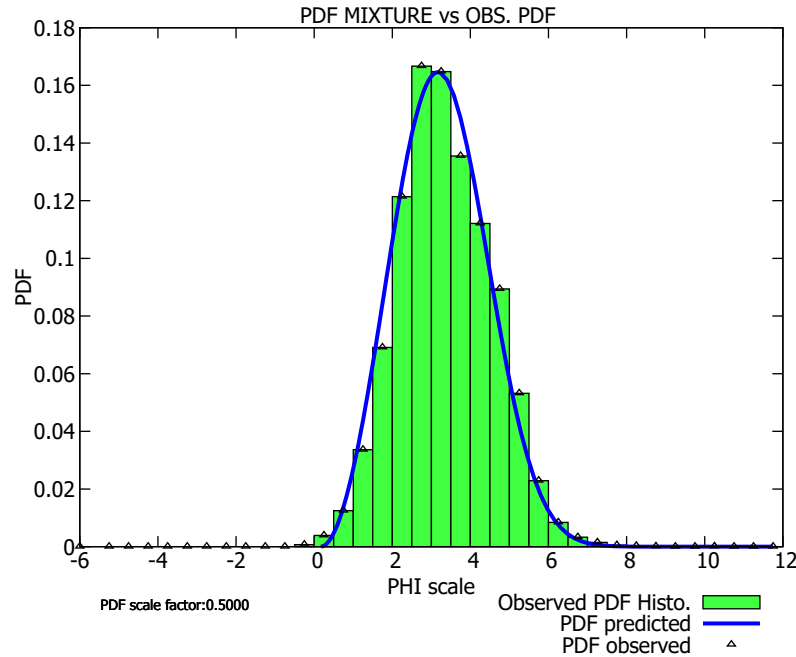
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 2.20748

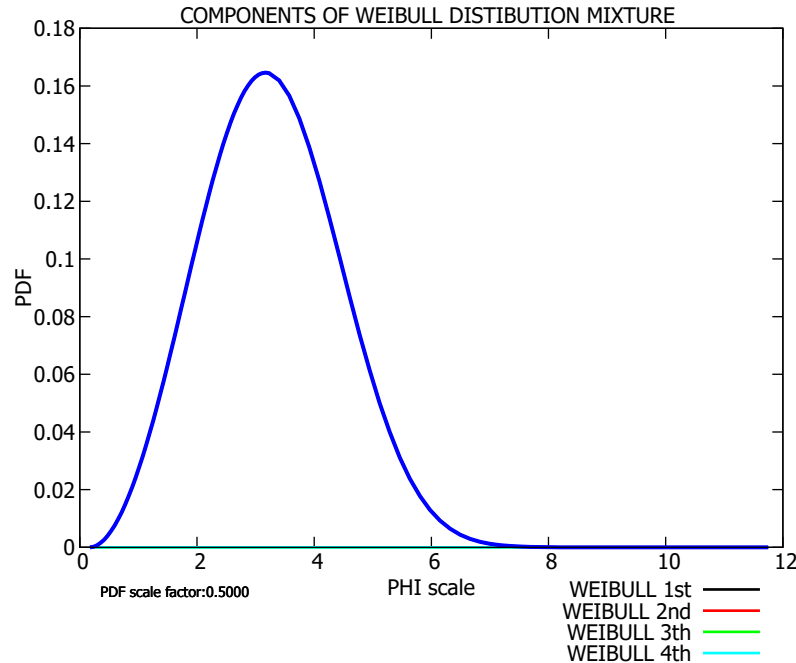
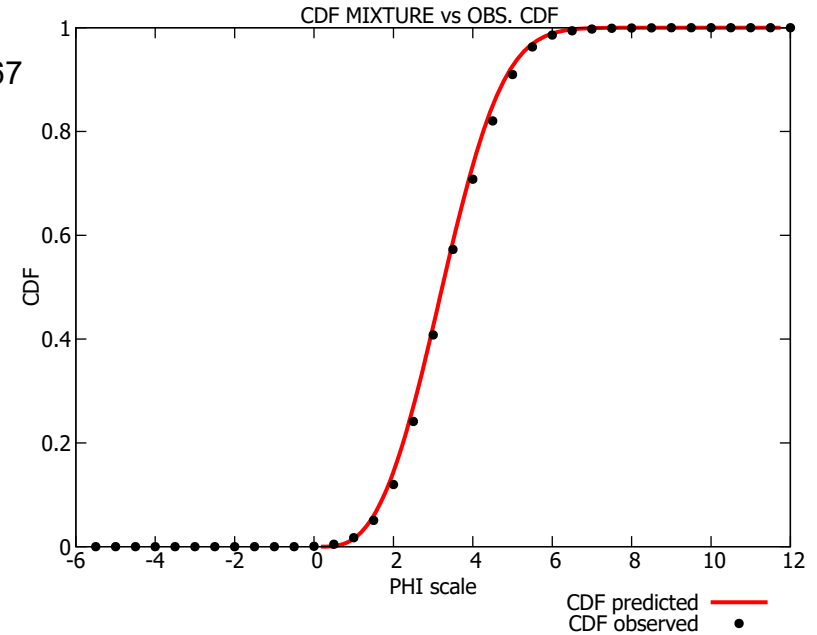
Standard deviation(PHI) = 1.42891 Poorly sorted

Skewness = 0.61547 Positive skewed

Kurtosis(normalized) = 0.23104 Mesokurtic



Sample 67



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
 INSIDE PARTICLE SIZE DISTRIBUTIONS
<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA71.dat

OUTPUT REPORT >: S9SA71.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9994812

Coefficient of Determination(R^2) = 0.9997991

Kolmogorov-Smirnoff difference(Ks) = 0.0299918

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9890065

Coefficient of Determination(R^2) = 0.9945820

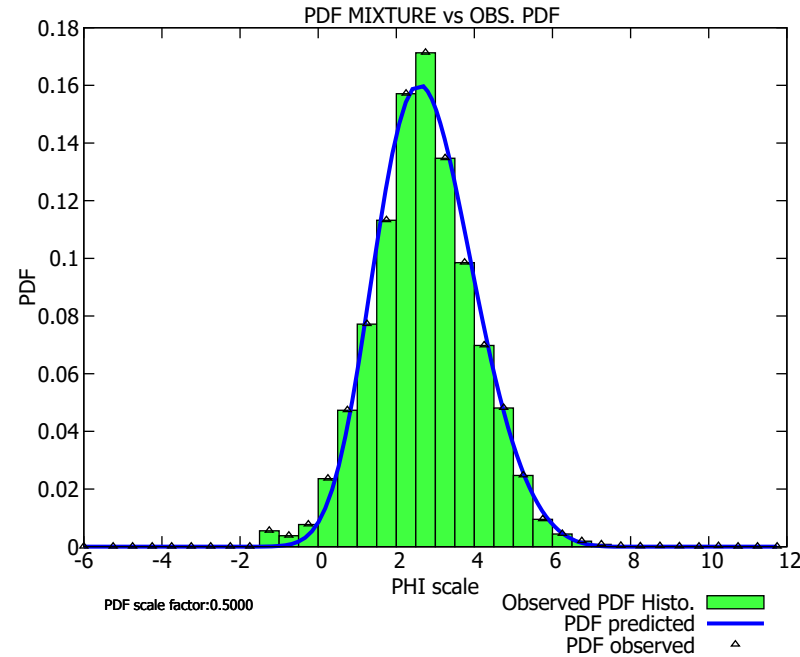
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 3.35528

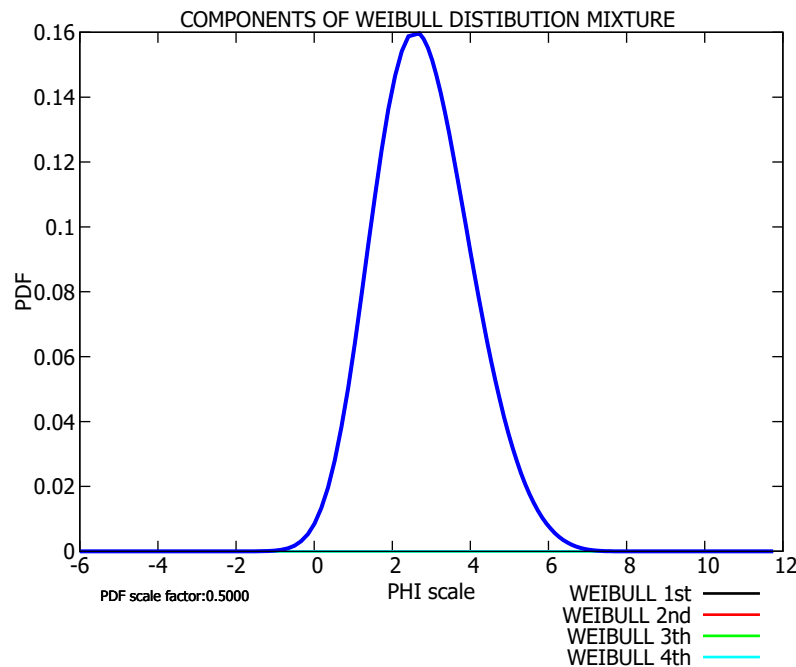
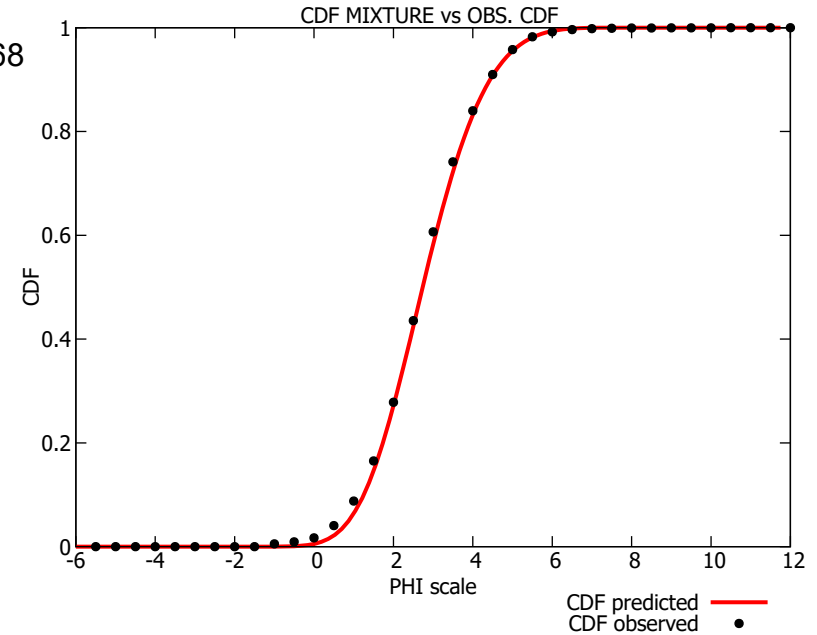
Standard deviation(PHI) = 1.18221 Poorly sorted

Skewness = 0.21575 Symmetrical

Kurtosis(normalized) = -0.03992 Mesokurtic



Sample 68



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
 INSIDE PARTICLE SIZE DISTRIBUTIONS

<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA70.dat

OUTPUT REPORT >: S9SA70.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9996339

Coefficient of Determination(R^2) = 0.9998740

Kolmogorov-Smirnoff difference(Ks) = 0.0244075

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9917819

Coefficient of Determination(R^2) = 0.9960855

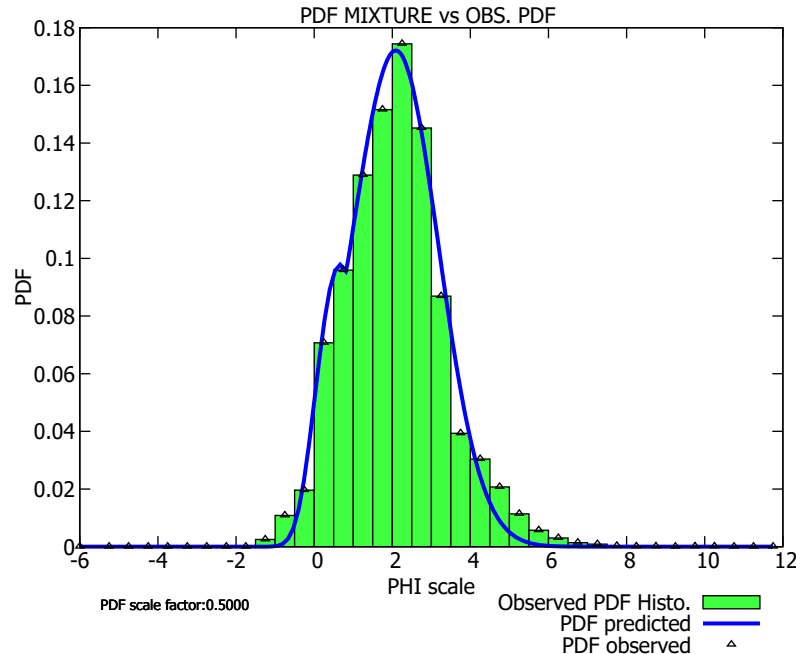
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 2.72099

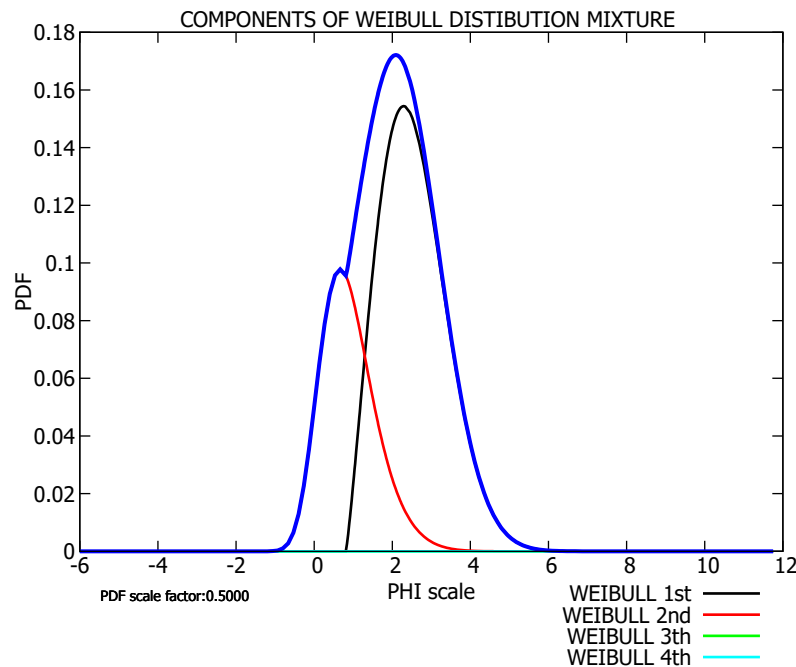
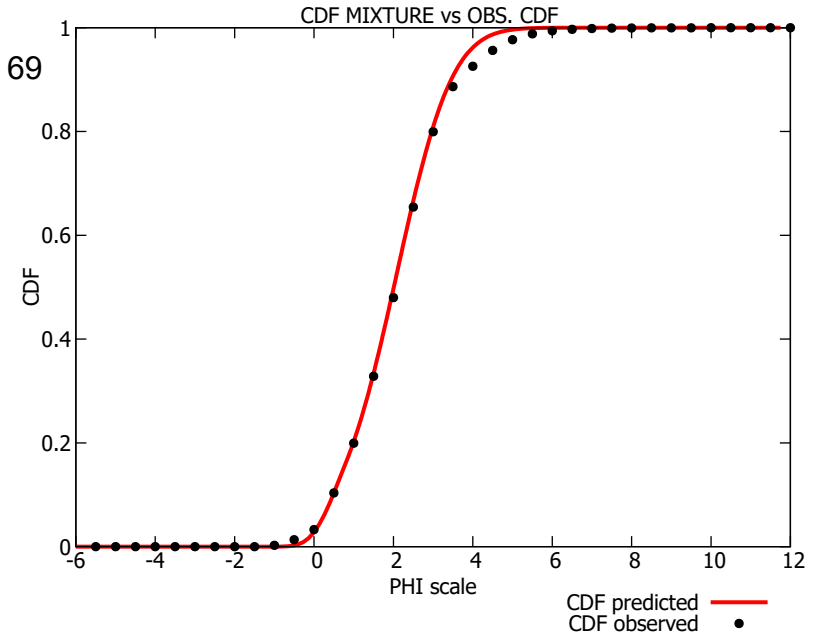
Standard deviation(PHI) = 1.29606 Poorly sorted

Skewness = 0.10222 Symmetrical

Kurtosis(normalized) = 0.47055 Mesokurtic



Sample 69



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
 INSIDE PARTICLE SIZE DISTRIBUTIONS

<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA69.dat

OUTPUT REPORT >: S9SA69.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9994719

Coefficient of Determination(R^2) = 0.9998173

Kolmogorov-Smirnoff difference(Ks) = 0.0361658

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9889283

Coefficient of Determination(R^2) = 0.9953617

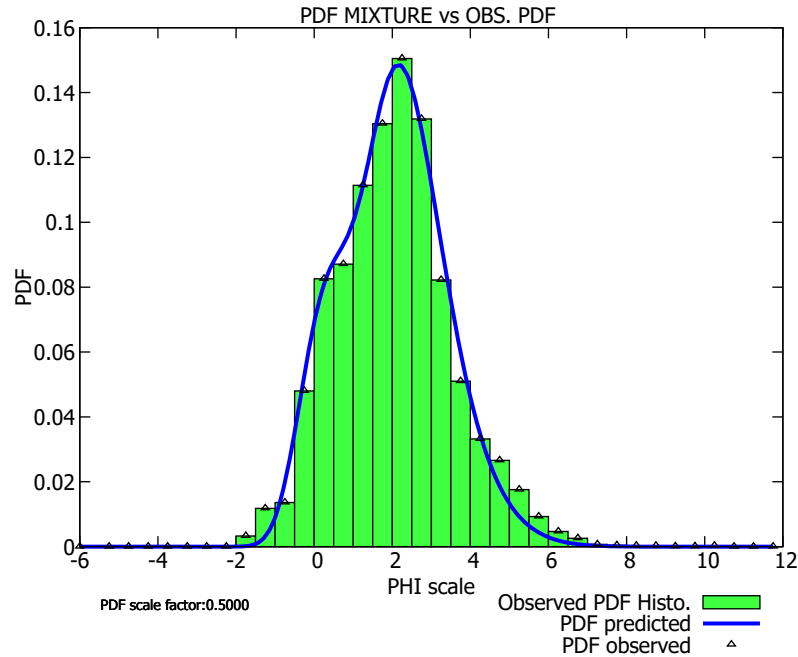
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 2.08340

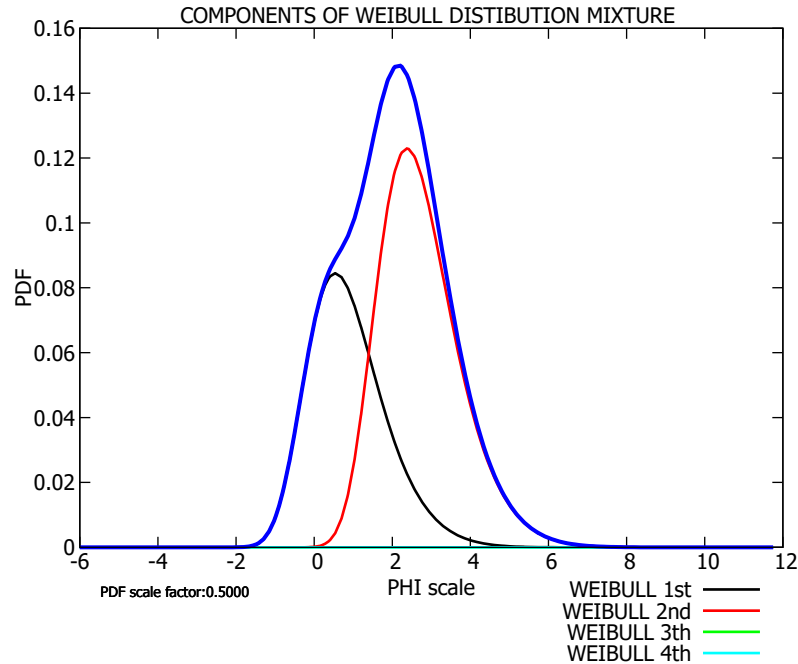
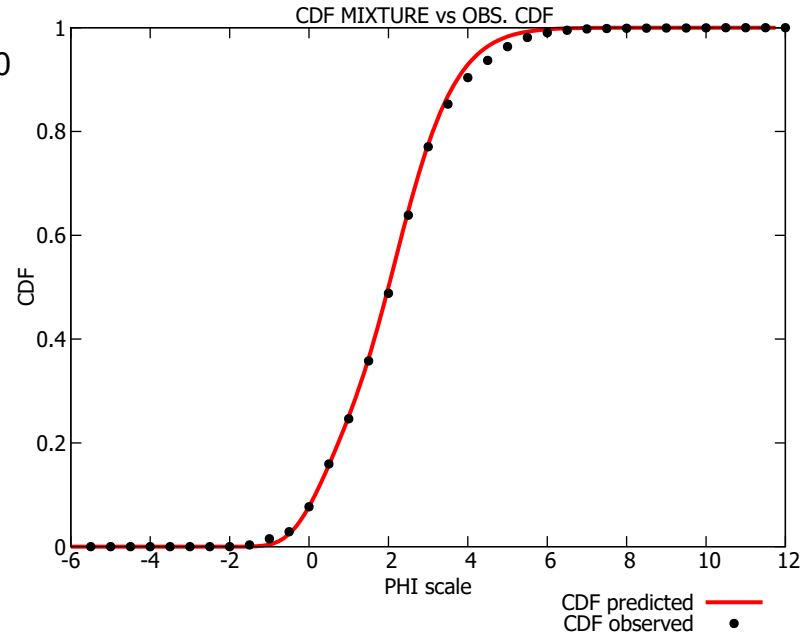
Standard deviation(PHI) = 1.26803 Poorly sorted

Skewness = 0.49235 Positive skewed

Kurtosis(normalized) = 0.80585 Leptokurtic



Sample 70



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
 INSIDE PARTICLE SIZE DISTRIBUTIONS
<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA68.dat

OUTPUT REPORT >: S9SA68.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9996357

Coefficient of Determination(R^2) = 0.9998773

Kolmogorov-Smirnoff difference(Ks) = 0.0270565

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9907137

Coefficient of Determination(R^2) = 0.9959445

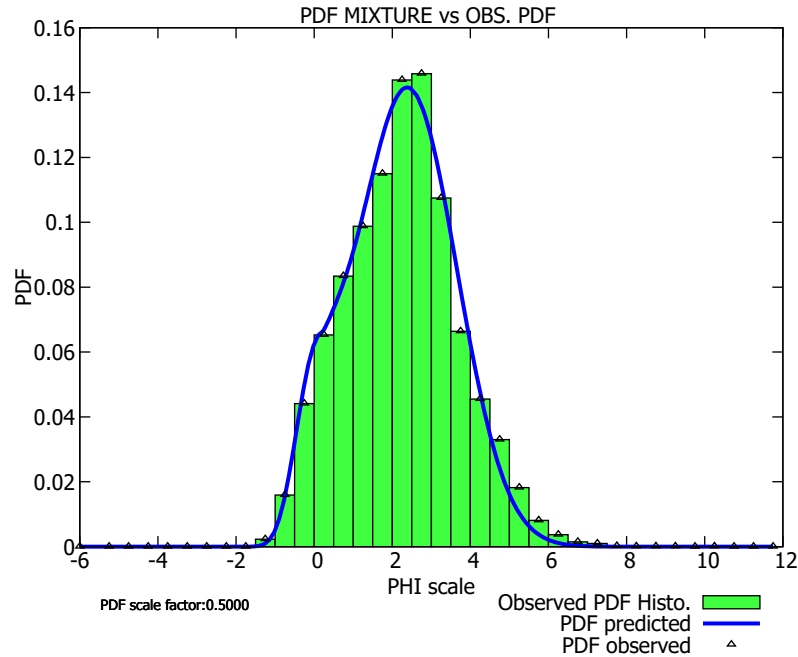
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 2.05028

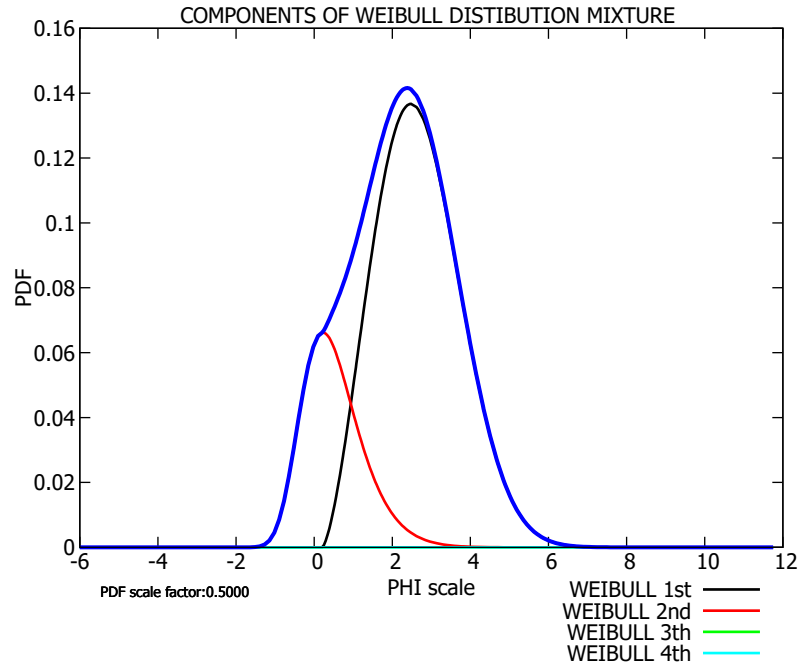
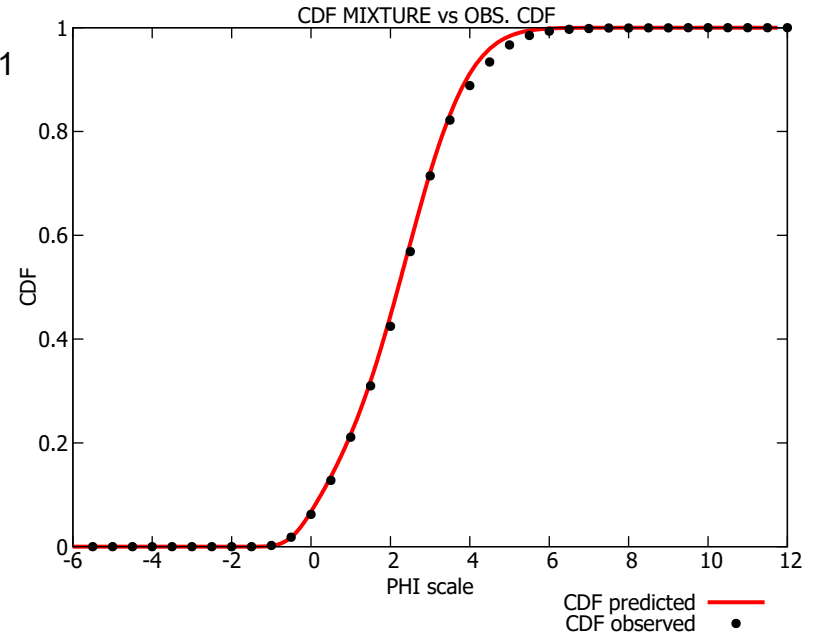
Standard deviation(PHI) = 1.48840 Poorly sorted

Skewness = 0.38612 Symmetrical

Kurtosis(normalized) = 0.52201 Mesokurtic



Sample 71



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
INSIDE PARTICLE SIZE DISTRIBUTIONS
<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA67.dat

OUTPUT REPORT >: S9SA67.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9996380

Coefficient of Determination(R^2) = 0.9998783

Kolmogorov-Smirnoff difference(Ks) = 0.0254573

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9906381

Coefficient of Determination(R^2) = 0.9955741

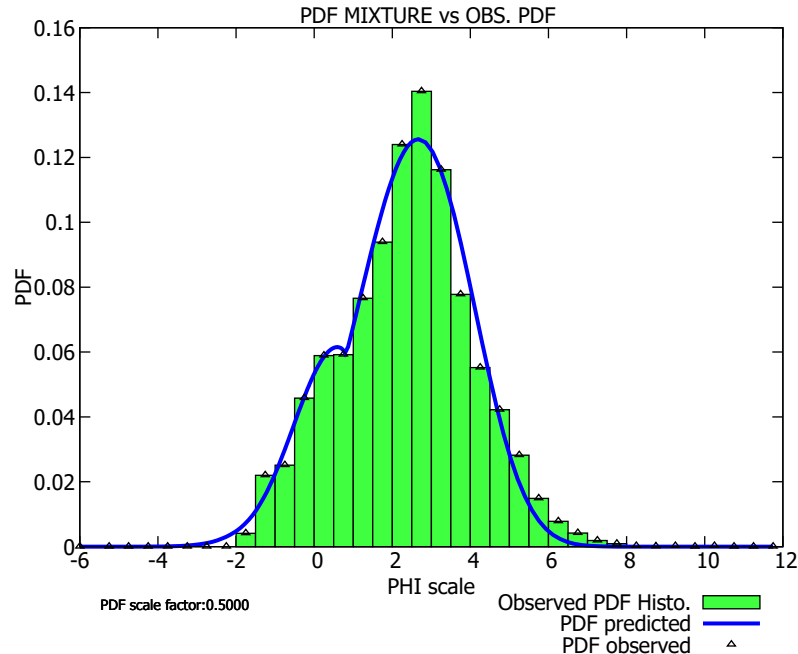
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 2.23970

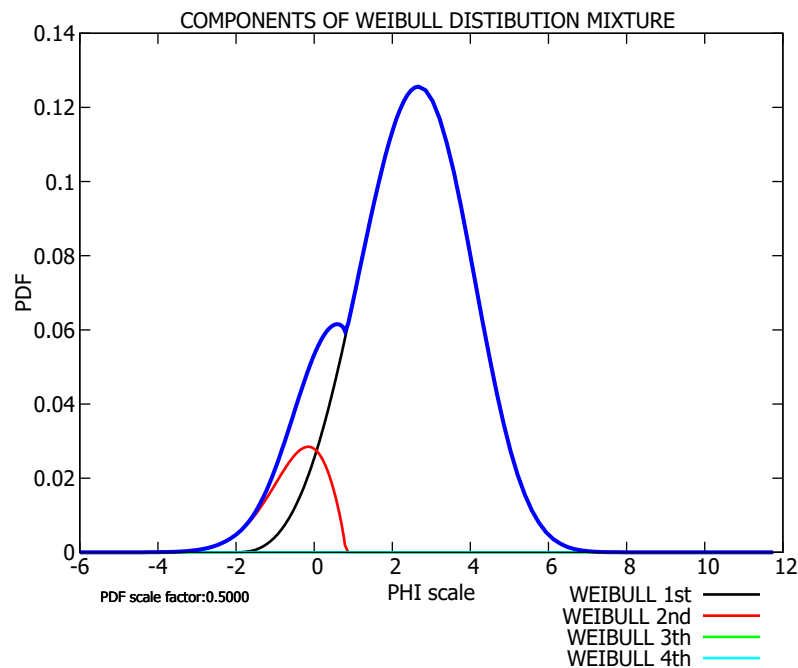
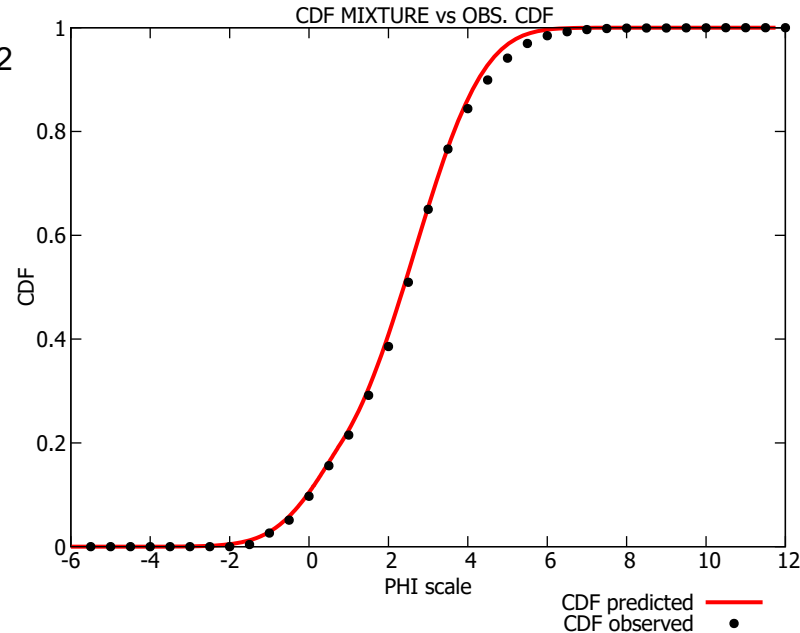
Standard deviation(PHI) = 1.43810 Poorly sorted

Skewness = 0.21081 Symmetrical

Kurtosis(normalized) = -0.06516 Mesokurtic



Sample 72



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
 INSIDE PARTICLE SIZE DISTRIBUTIONS
<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA66.dat

OUTPUT REPORT >: S9SA66.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9994435

Coefficient of Determination(R^2) = 0.9998294

Kolmogorov-Smirnoff difference(Ks) = 0.0292117

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9830941

Coefficient of Determination(R^2) = 0.9916748

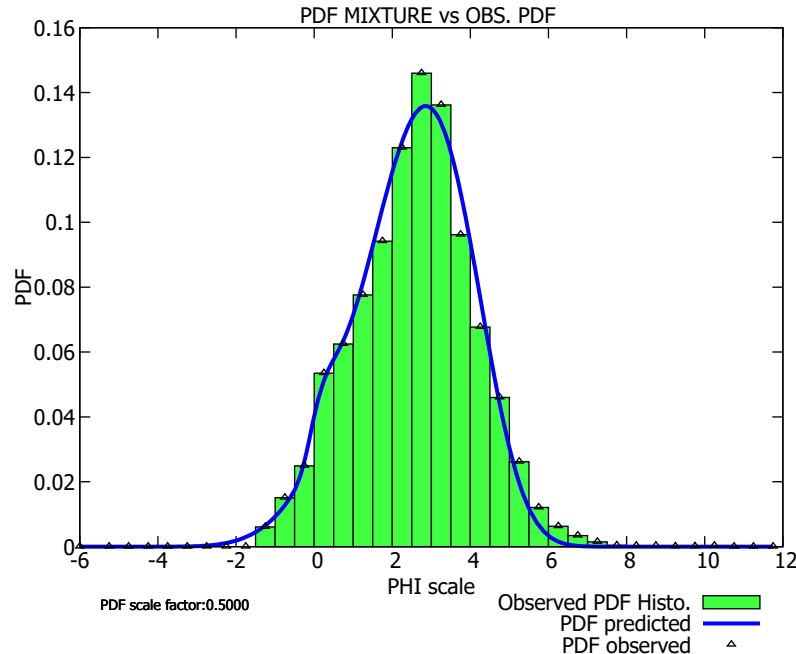
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 2.36356

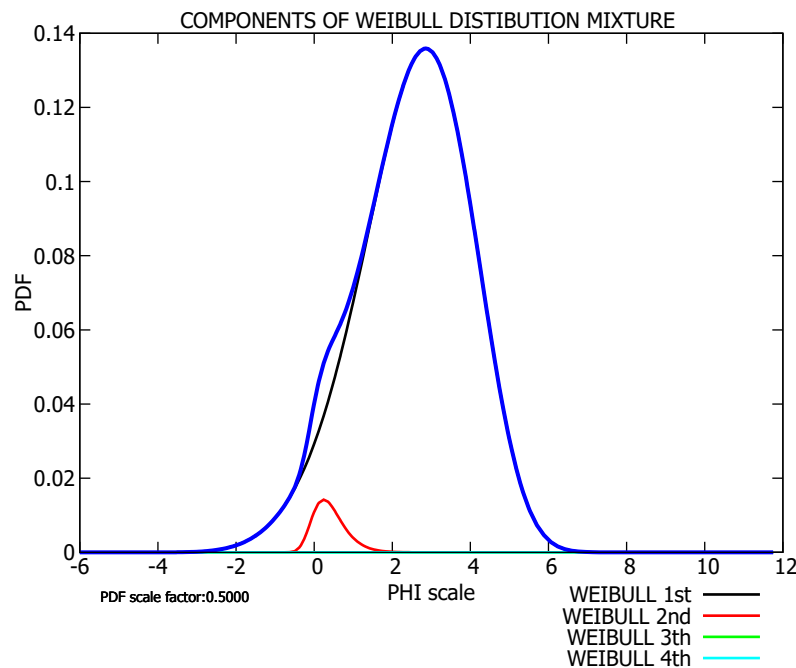
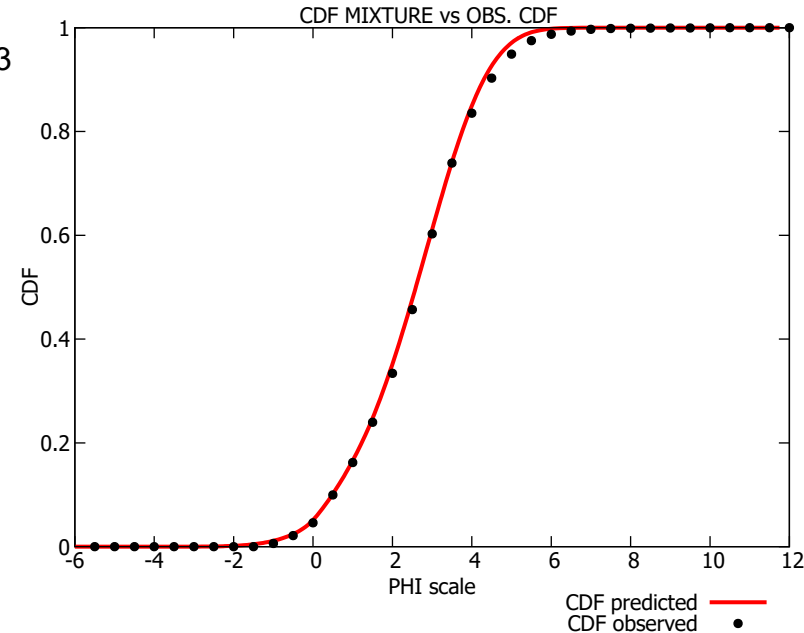
Standard deviation(PHI) = 1.67975 Poorly sorted

Skewness = 0.01219 Symmetrical

Kurtosis(normalized) = -0.10199 Mesokurtic



Sample 73



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
 INSIDE PARTICLE SIZE DISTRIBUTIONS
<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA65.dat

OUTPUT REPORT >: S9SA65.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9996391

Coefficient of Determination(R^2) = 0.9998880

Kolmogorov-Smirnoff difference(Ks) = 0.0236084

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9901874

Coefficient of Determination(R^2) = 0.9952683

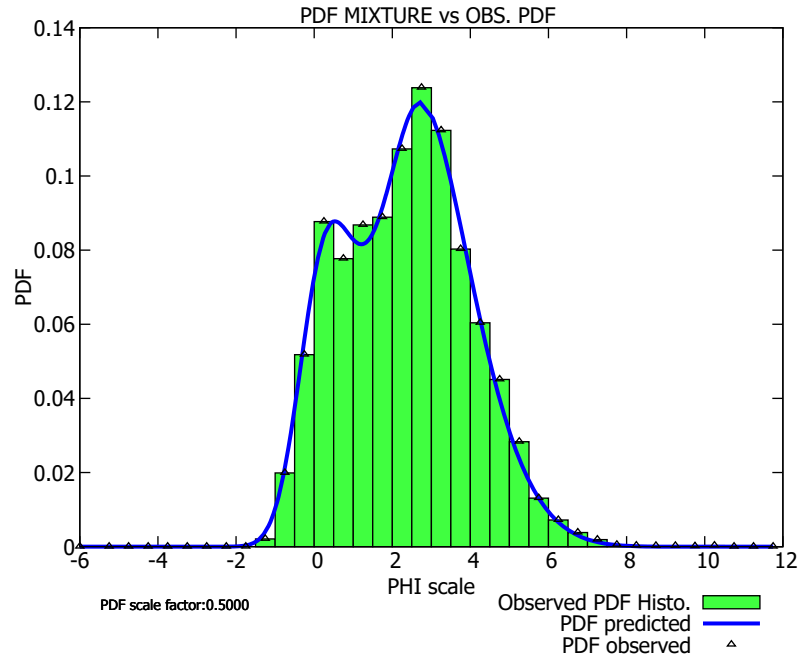
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 2.57943

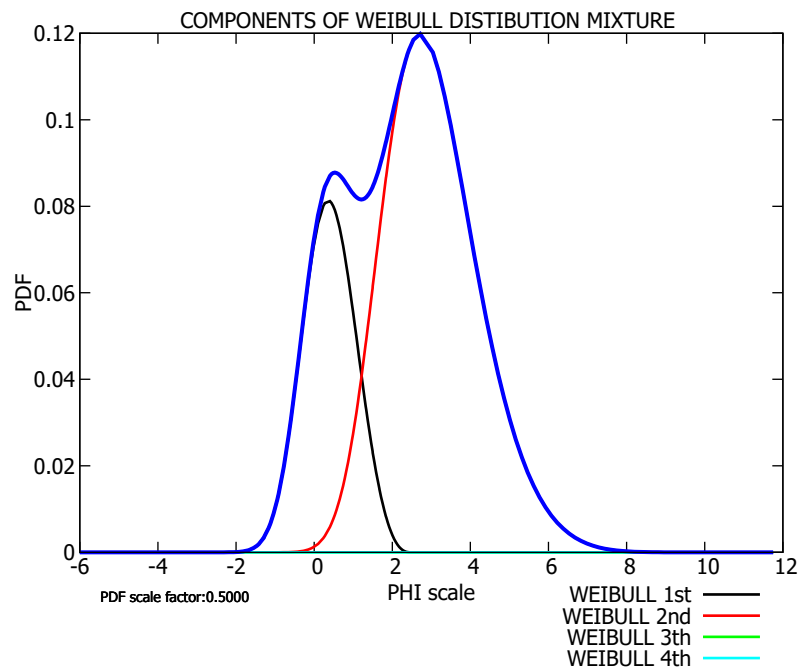
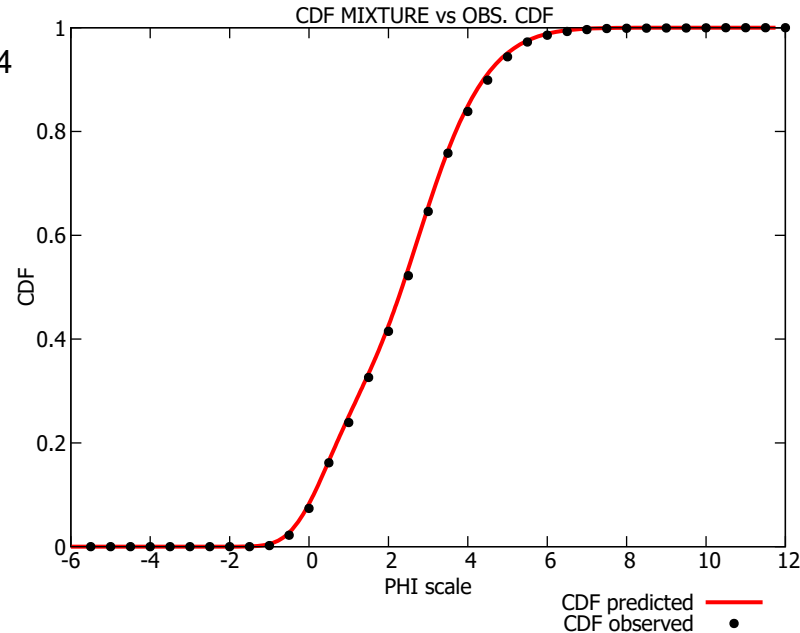
Standard deviation(PHI) = 1.50779 Poorly sorted

Skewness = 0.04640 Symmetrical

Kurtosis(normalized) = 0.10513 Mesokurtic



Sample 74



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
INSIDE PARTICLE SIZE DISTRIBUTIONS
<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA64.dat

OUTPUT REPORT >: S9SA64.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9998456

Coefficient of Determination(R^2) = 0.9999527

Kolmogorov-Smirnoff difference(Ks) = 0.0137232

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9952390

Coefficient of Determination(R^2) = 0.9976303

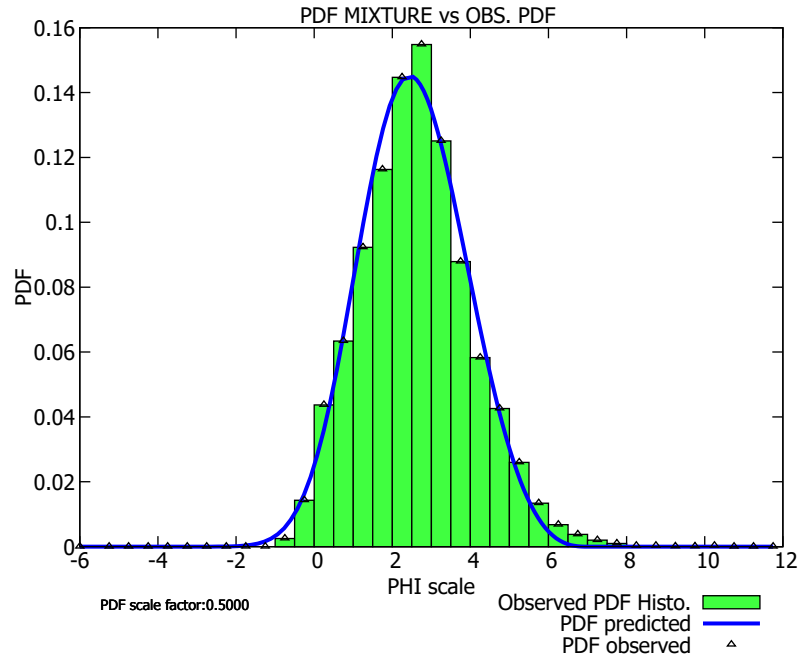
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 2.35496

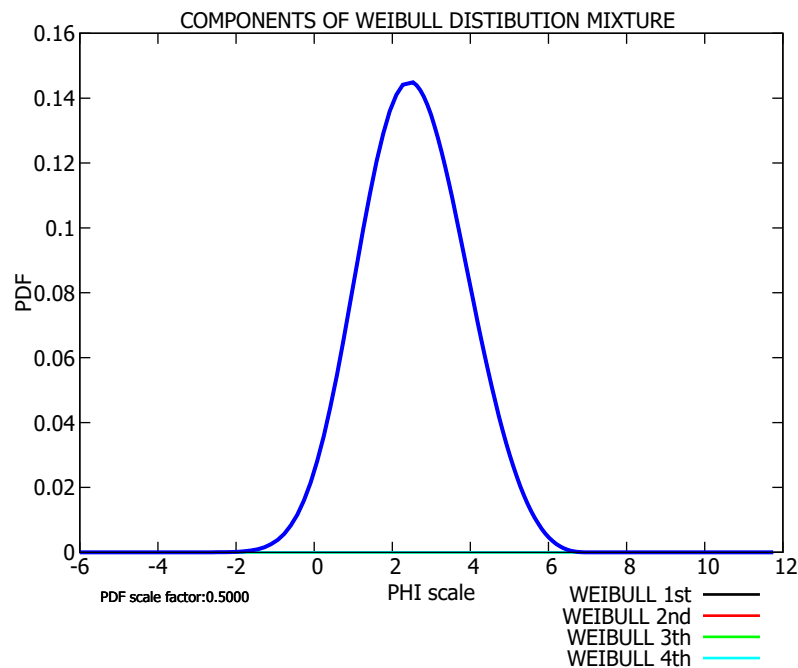
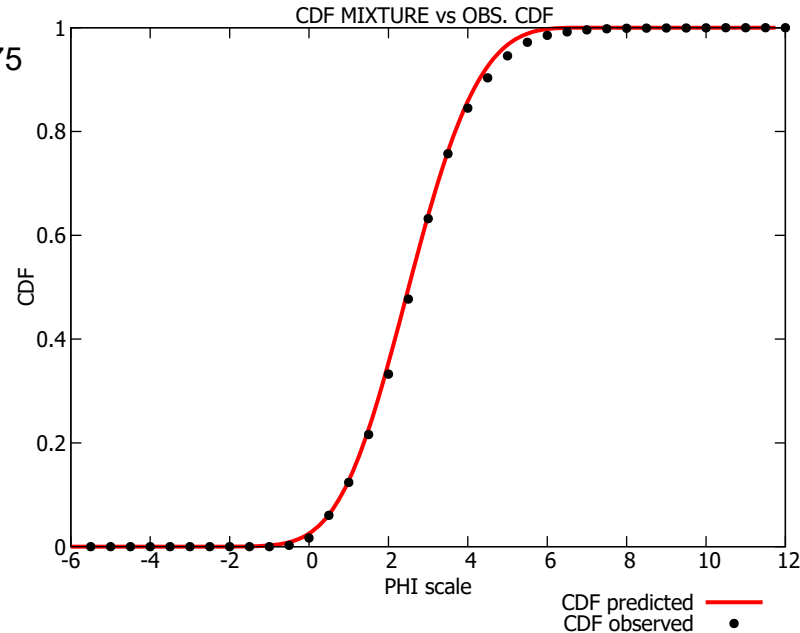
Standard deviation(PHI) = 1.63738 Poorly sorted

Skewness = 0.23062 Symmetrical

Kurtosis(normalized) = -0.30123 Mesokurtic



Sample 75



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
 INSIDE PARTICLE SIZE DISTRIBUTIONS

<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA63.dat

OUTPUT REPORT >: S9SA63.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9996271

Coefficient of Determination(R^2) = 0.9998843

Kolmogorov-Smirnoff difference(Ks) = 0.0224327

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9907957

Coefficient of Determination(R^2) = 0.9955270

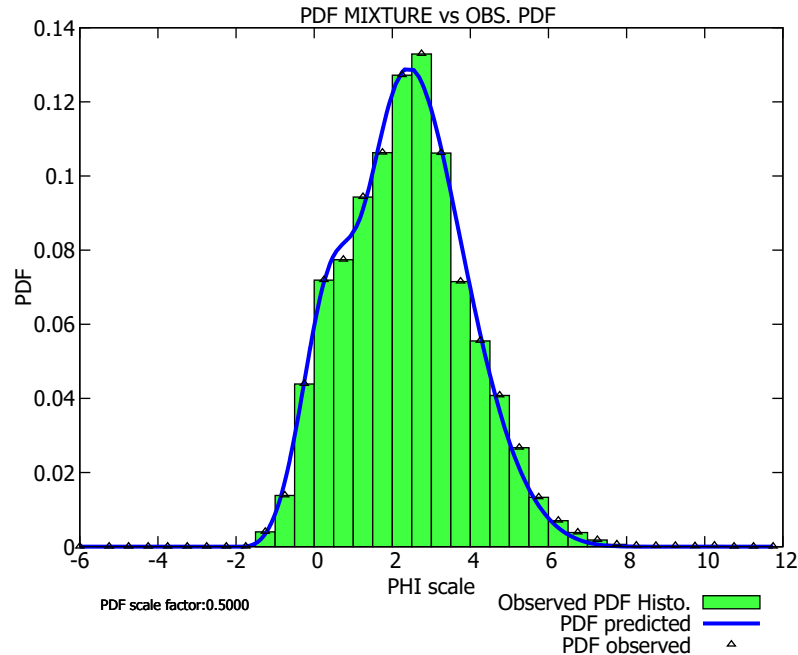
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 2.62449

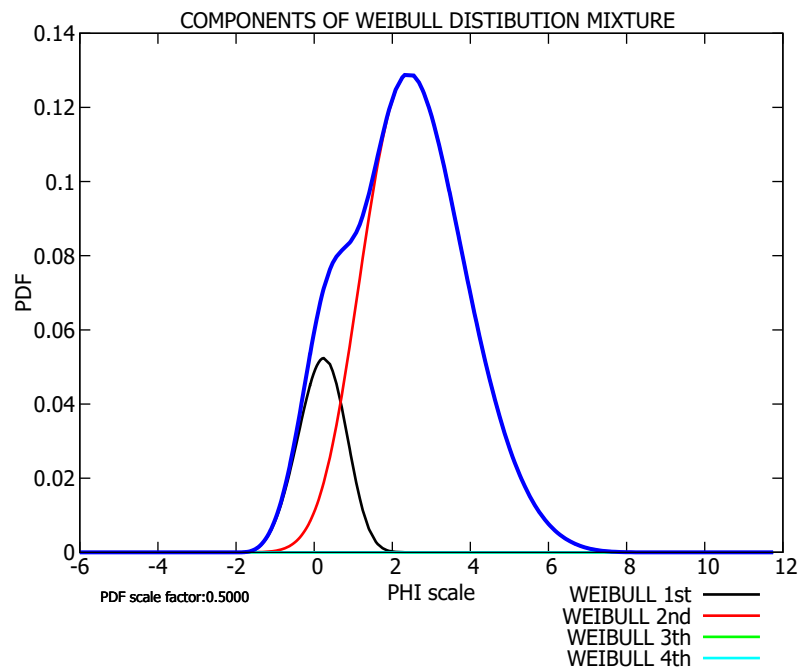
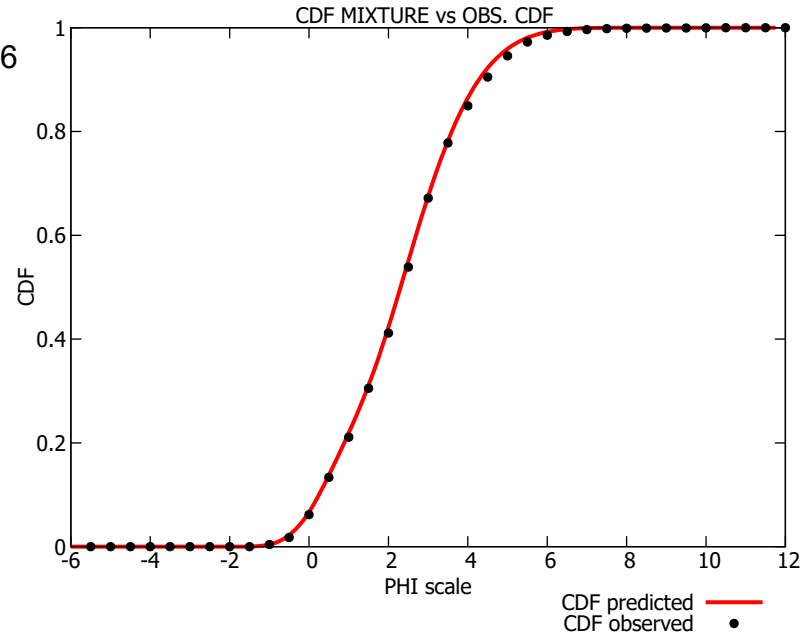
Standard deviation(PHI) = 1.39583 Poorly sorted

Skewness = 0.41101 Symmetrical

Kurtosis(normalized) = 0.41167 Mesokurtic



Sample 76



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
 INSIDE PARTICLE SIZE DISTRIBUTIONS

<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA62.dat

OUTPUT REPORT >: S9SA62.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9998129

Coefficient of Determination(R^2) = 0.9999433

Kolmogorov-Smirnoff difference(Ks) = 0.0176193

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9945867

Coefficient of Determination(R^2) = 0.9973793

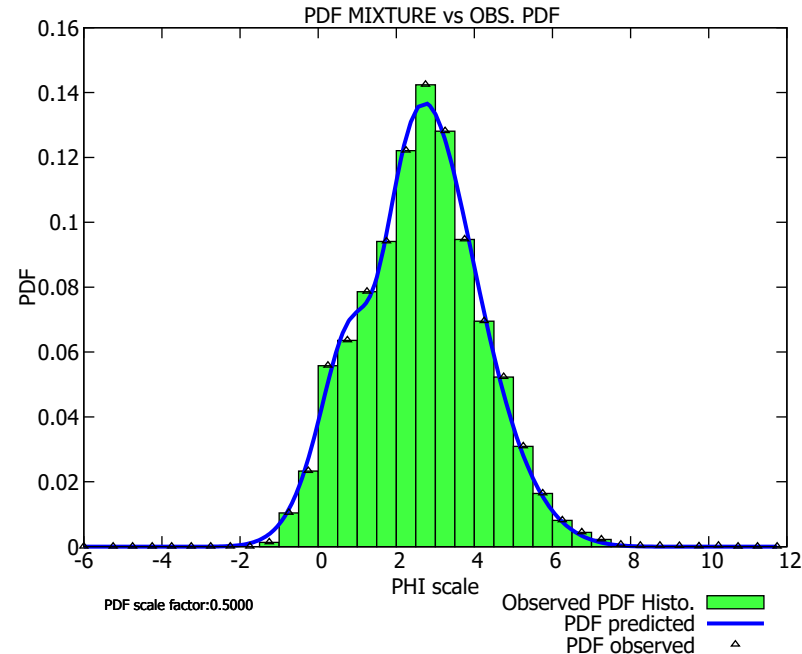
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 2.36300

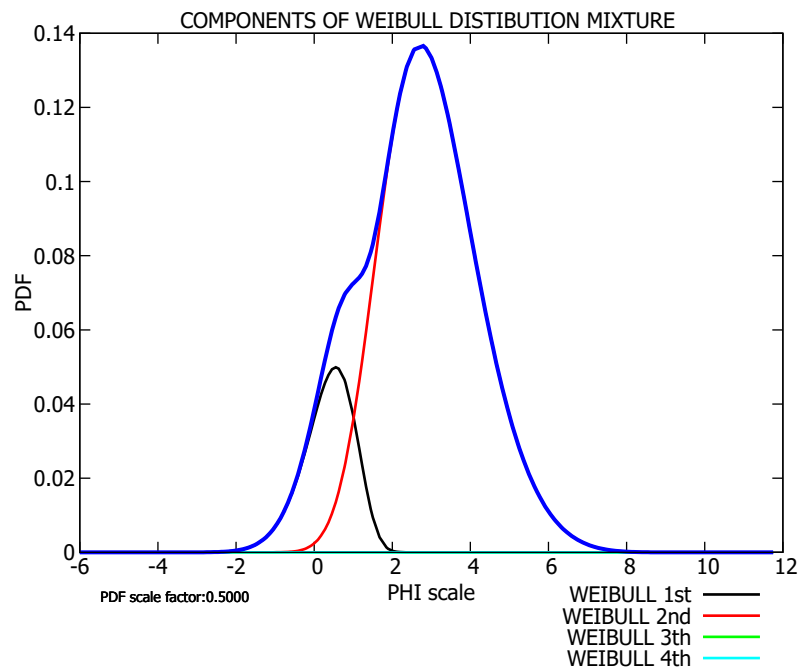
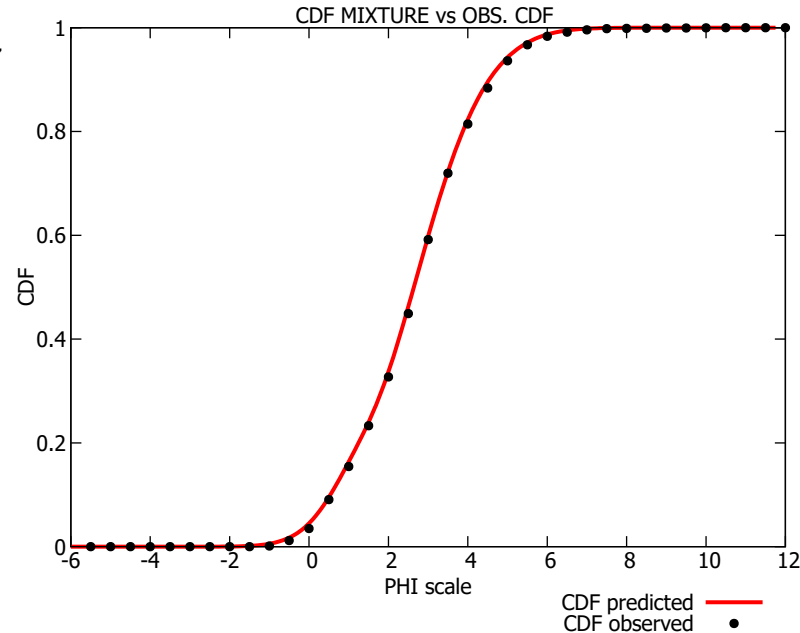
Standard deviation(PHI) = 1.56877 Poorly sorted

Skewness = 0.30173 Symmetrical

Kurtosis(normalized) = -0.00760 Mesokurtic



Sample 77



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
INSIDE PARTICLE SIZE DISTRIBUTIONS
<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA61.dat

OUTPUT REPORT >: S9SA61.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9998733

Coefficient of Determination(R^2) = 0.9999638

Kolmogorov-Smirnoff difference(Ks) = 0.0128203

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9964480

Coefficient of Determination(R^2) = 0.9982230

STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

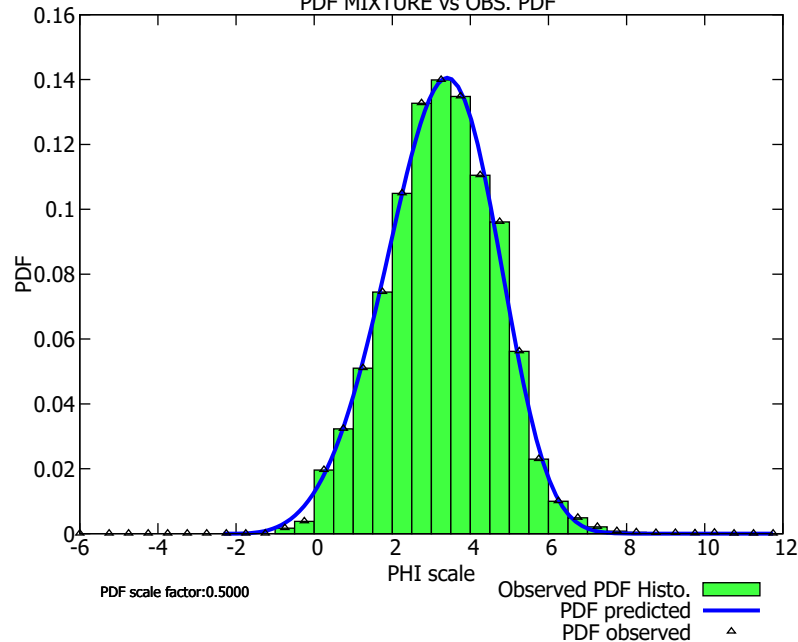
Mean(PHI) = 2.66049

Standard deviation(PHI) = 1.52382 Poorly sorted

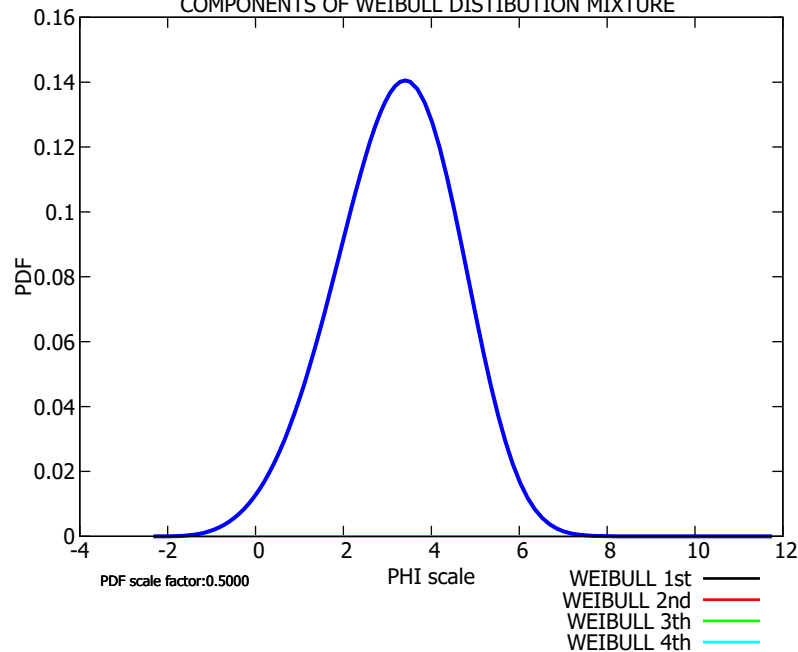
Skewness = 0.17185 Symmetrical

Kurtosis(normalized) = 0.00863 Mesokurtic

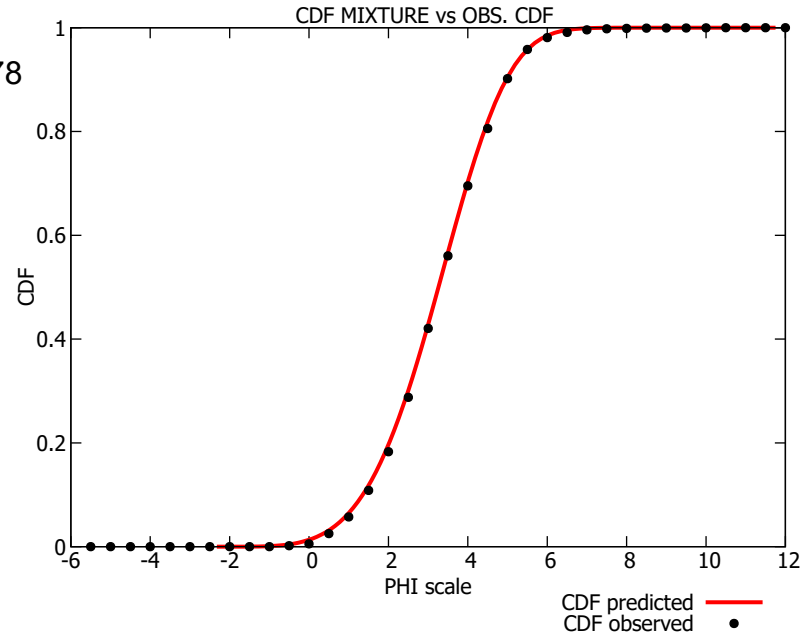
PDF MIXTURE vs OBS. PDF



COMPONENTS OF WEIBULL DISTRIBUTION MIXTURE



Sample 78



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
 INSIDE PARTICLE SIZE DISTRIBUTIONS

<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA60.dat

OUTPUT REPORT >: S9SA60.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9998627

Coefficient of Determination(R^2) = 0.9999574

Kolmogorov-Smirnoff difference(Ks) = 0.0135813

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9965219

Coefficient of Determination(R^2) = 0.9982668

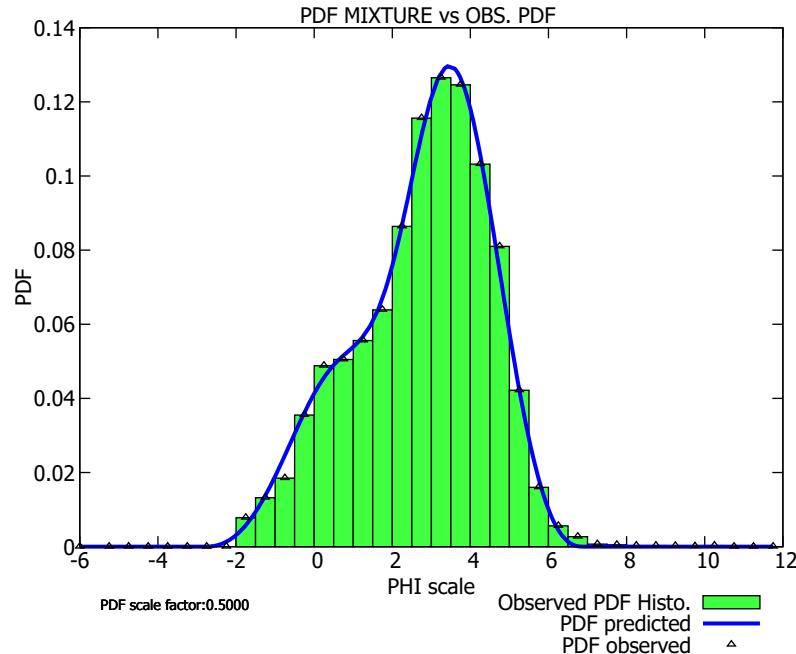
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 3.26379

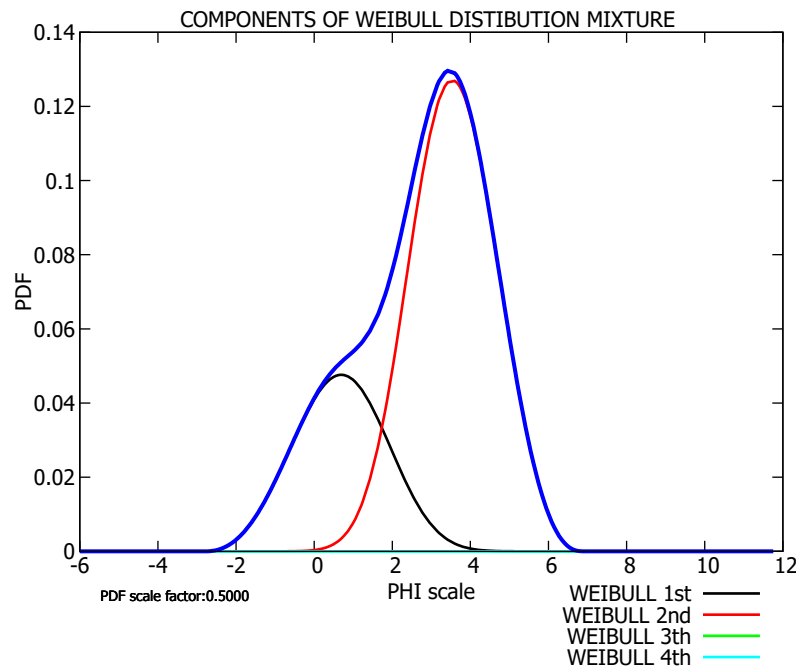
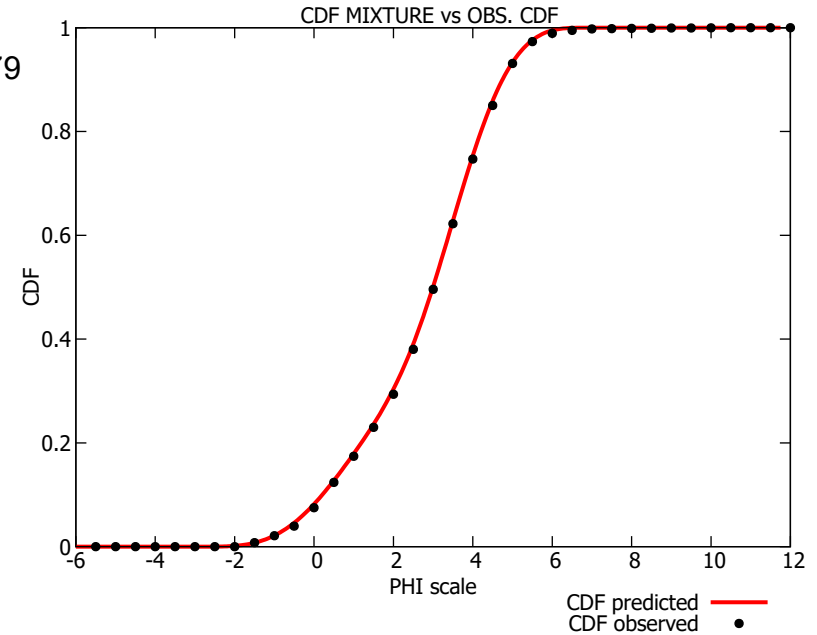
Standard deviation(PHI) = 1.37474 Poorly sorted

Skewness = 0.00258 Symmetrical

Kurtosis(normalized) = 0.02861 Mesokurtic



Sample 79



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
 INSIDE PARTICLE SIZE DISTRIBUTIONS
<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA59.dat

OUTPUT REPORT >: S9SA59.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9999101

Coefficient of Determination(R^2) = 0.9999746

Kolmogorov-Smirnoff difference(Ks) = 0.0102205

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9972593

Coefficient of Determination(R^2) = 0.9986300

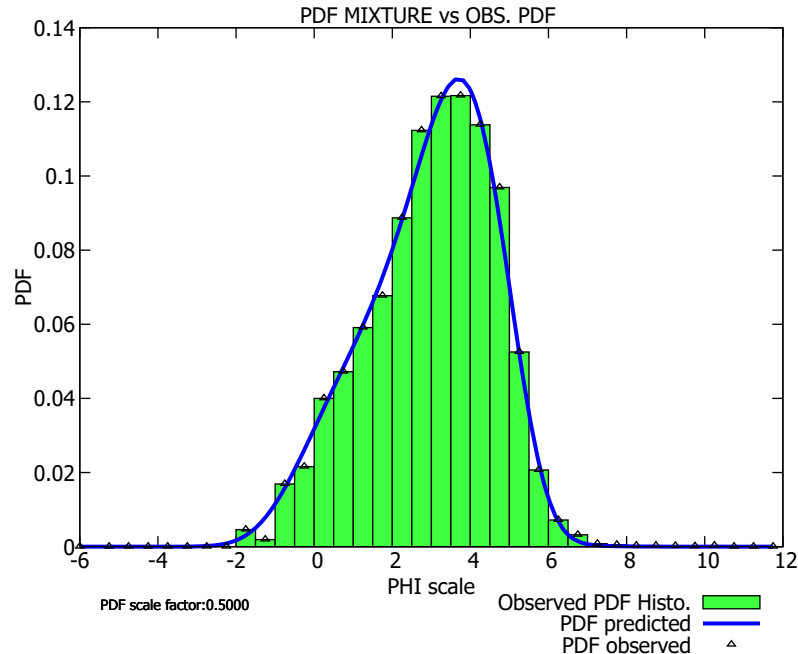
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 2.78067

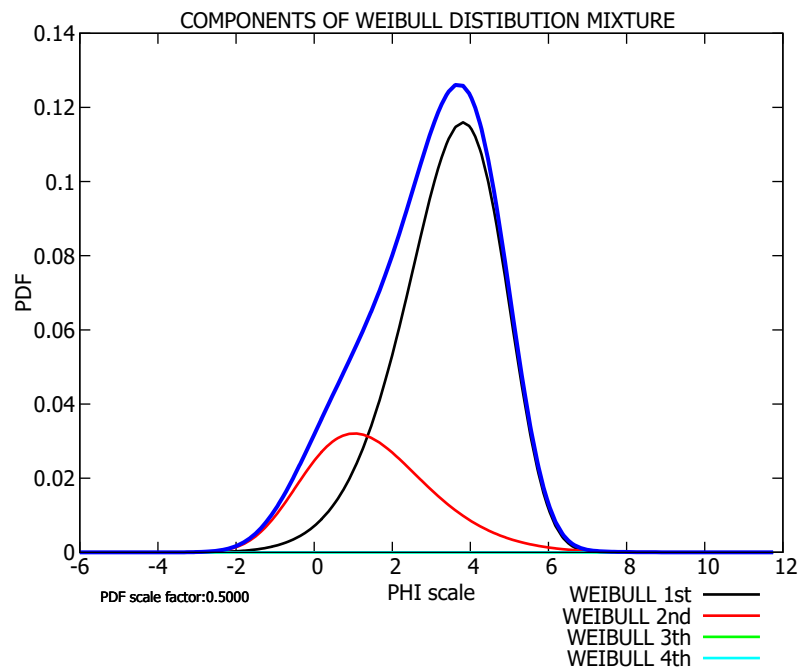
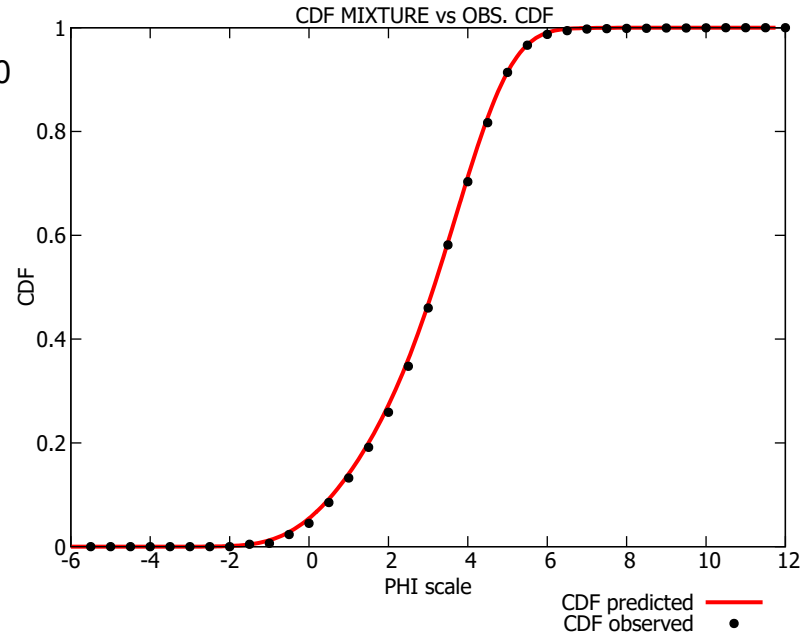
Standard deviation(PHI) = 1.69858 Poorly sorted

Skewness = -0.38617 Symmetrical

Kurtosis(normalized) = -0.17223 Mesokurtic



Sample 80



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
 INSIDE PARTICLE SIZE DISTRIBUTIONS
<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA58.dat

OUTPUT REPORT >: S9SA58.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9998588

Coefficient of Determination(R^2) = 0.9999584

Kolmogorov-Smirnoff difference(Ks) = 0.0139202

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9958223

Coefficient of Determination(R^2) = 0.9979263

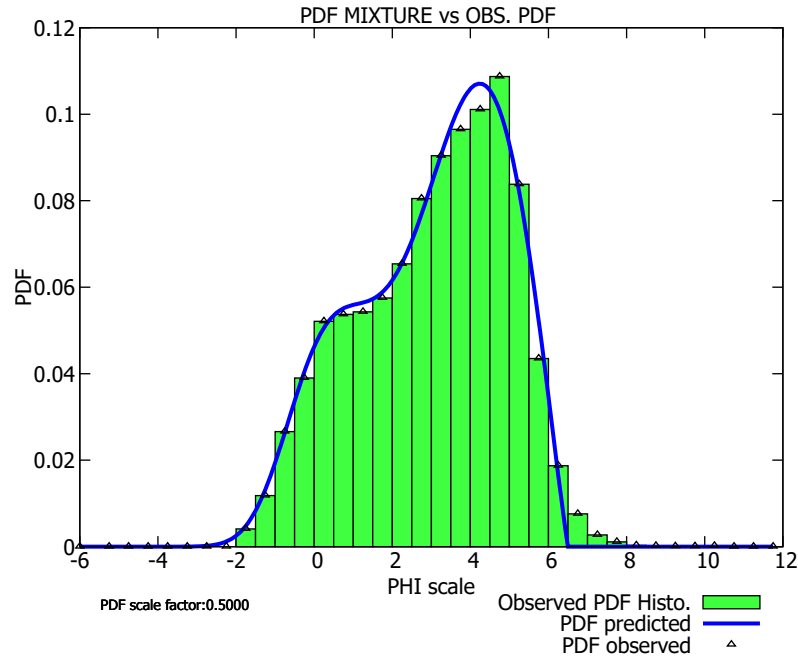
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 2.99590

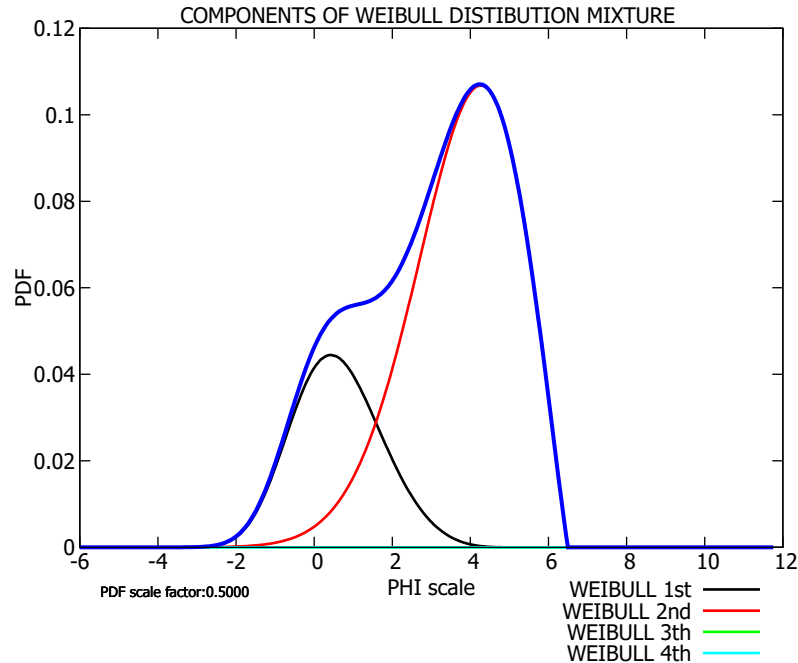
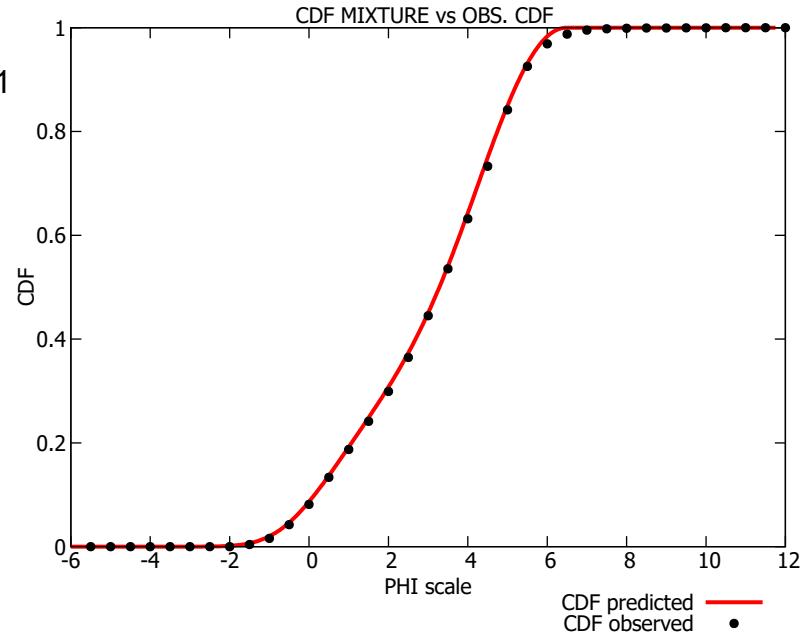
Standard deviation(PHI) = 1.61315 Poorly sorted

Skewness = -0.34139 Symmetrical

Kurtosis(normalized) = -0.12389 Mesokurtic



Sample 81



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
INSIDE PARTICLE SIZE DISTRIBUTIONS
<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA57.dat

OUTPUT REPORT >: S9SA57.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9998170

Coefficient of Determination(R^2) = 0.9999490

Kolmogorov-Smirnoff difference(Ks) = 0.0165859

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9932583

Coefficient of Determination(R^2) = 0.9967397

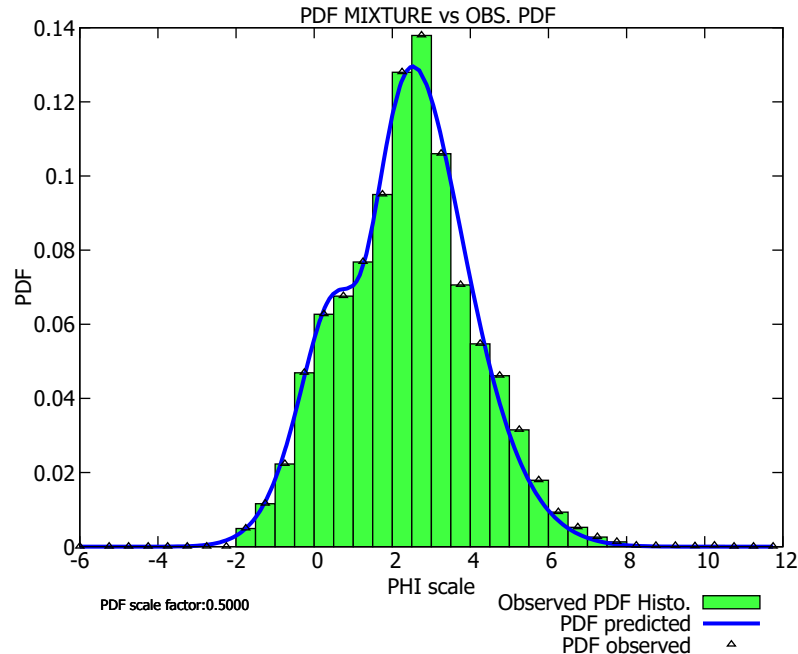
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 3.03527

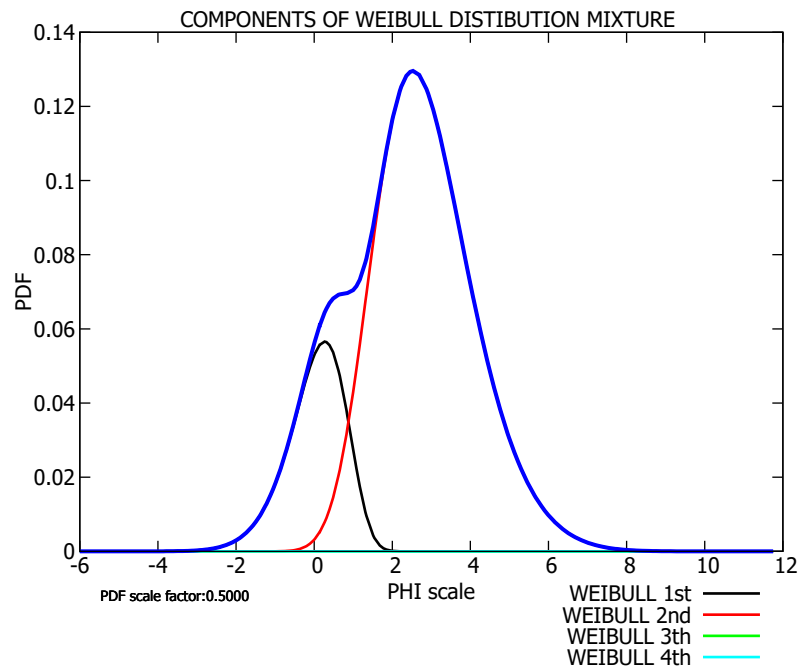
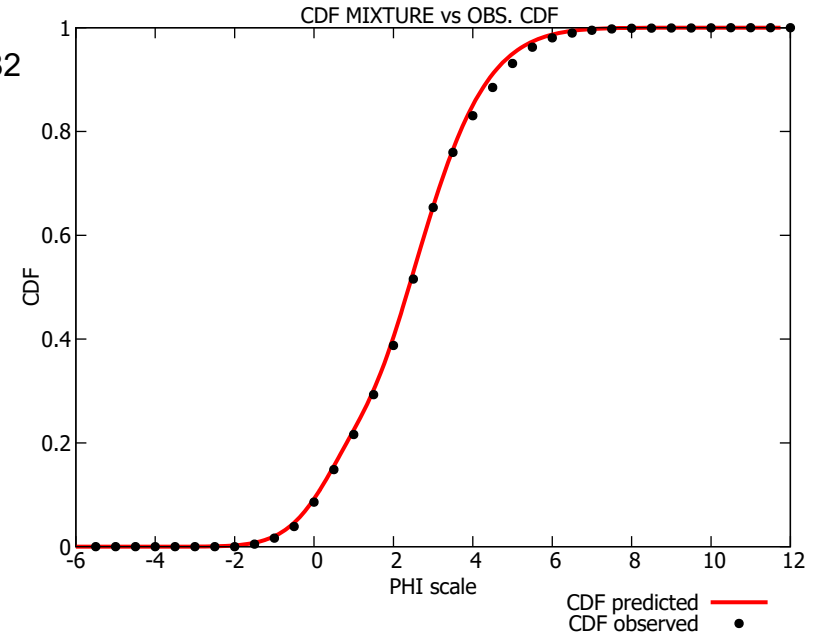
Standard deviation(PHI) = 1.92736 Poorly sorted

Skewness = -0.32120 Symmetrical

Kurtosis(normalized) = -0.68615 Platykurtic



Sample 82



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
 INSIDE PARTICLE SIZE DISTRIBUTIONS

<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA56.dat

OUTPUT REPORT >: S9SA56.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9996561

Coefficient of Determination(R^2) = 0.9998926

Kolmogorov-Smirnoff difference(Ks) = 0.0258232

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9893763

Coefficient of Determination(R^2) = 0.9947824

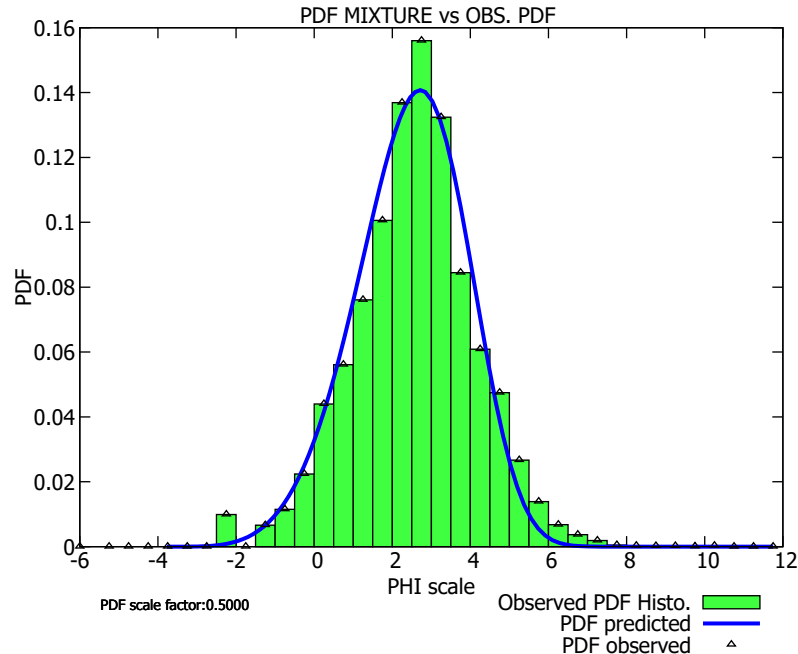
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 2.40708

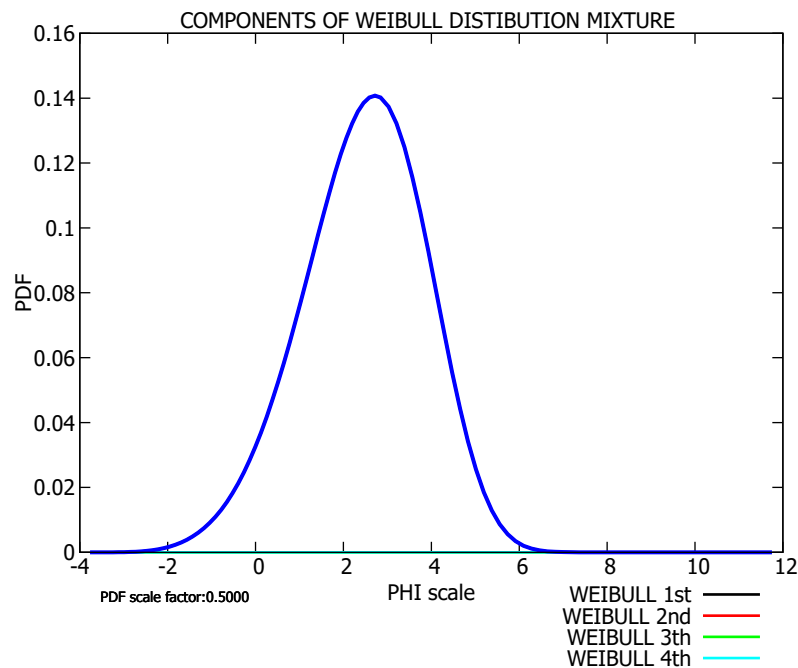
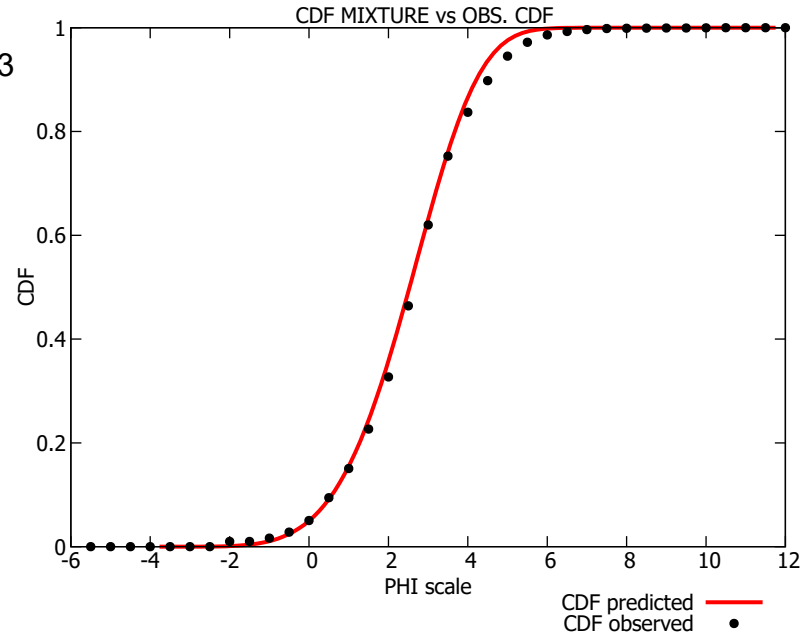
Standard deviation(PHI) = 1.69360 Poorly sorted

Skewness = 0.15584 Symmetrical

Kurtosis(normalized) = -0.03673 Mesokurtic



Sample 83
Sample 1



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
INSIDE PARTICLE SIZE DISTRIBUTIONS

<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA55.dat

OUTPUT REPORT >: S9SA55.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9991373

Coefficient of Determination(R^2) = 0.9996964

Kolmogorov-Smirnoff difference(Ks) = 0.0385005

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9773202

Coefficient of Determination(R^2) = 0.9892885

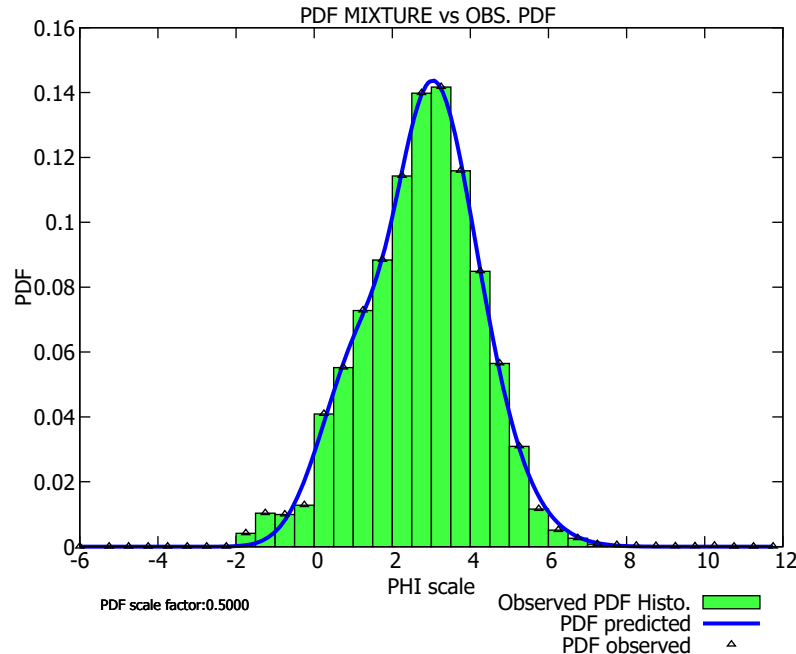
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 2.56605

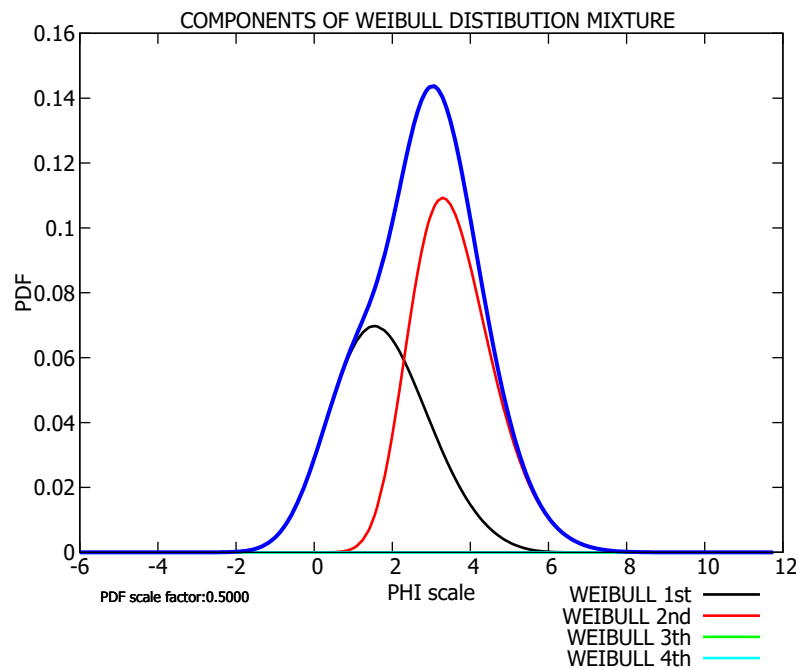
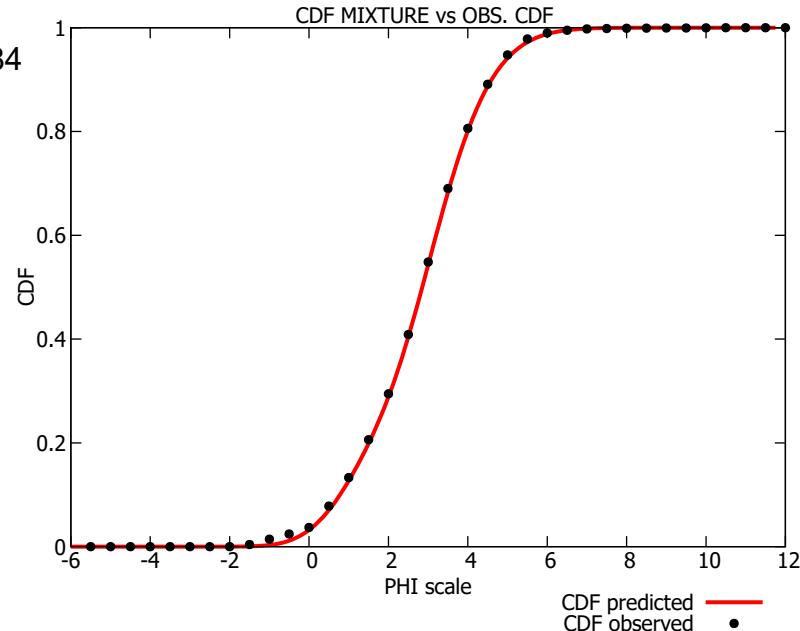
Standard deviation(PHI) = 1.54626 Poorly sorted

Skewness = -0.09818 Symmetrical

Kurtosis(normalized) = 0.67126 Mesokurtic



Sample 84
Sample 6



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
INSIDE PARTICLE SIZE DISTRIBUTIONS
<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA54.dat

OUTPUT REPORT >: S9SA54.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9998966

Coefficient of Determination(R^2) = 0.9999694

Kolmogorov-Smirnoff difference(Ks) = 0.0127724

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9972338

Coefficient of Determination(R^2) = 0.9986434

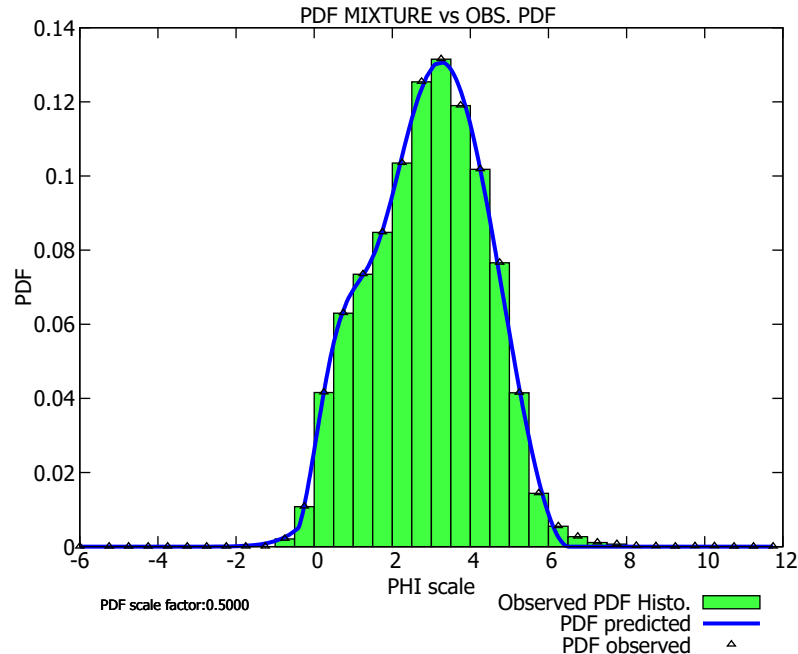
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 2.73182

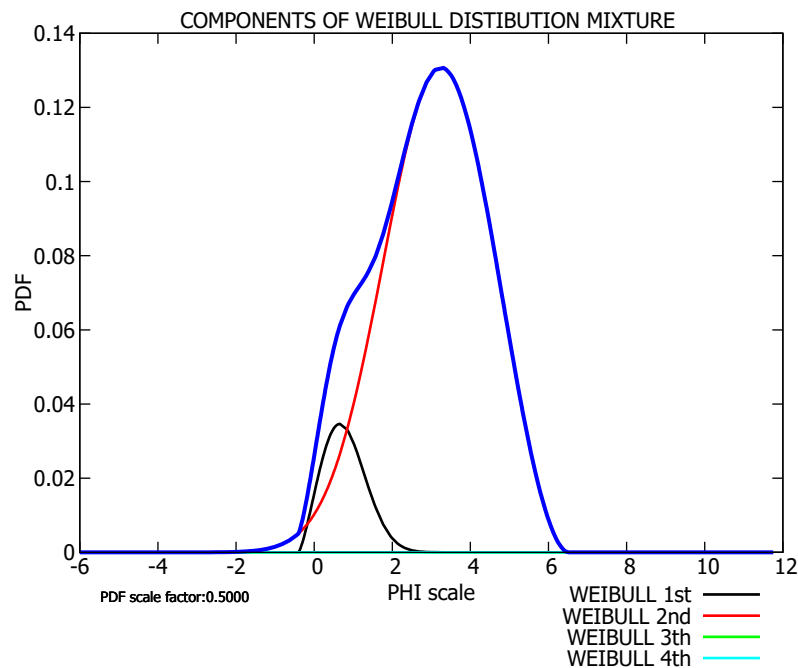
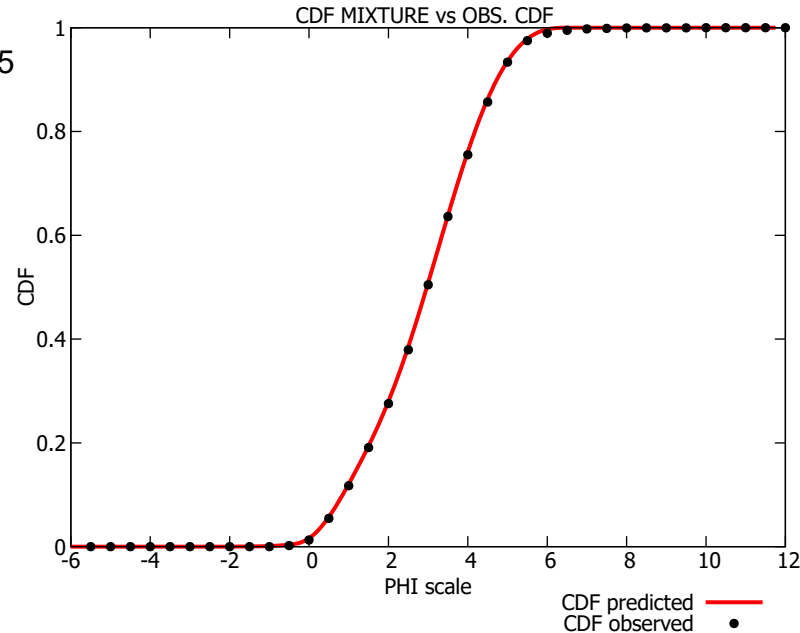
Standard deviation(PHI) = 1.49349 Poorly sorted

Skewness = -0.19336 Symmetrical

Kurtosis(normalized) = 0.27059 Mesokurtic



Sample 85



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
INSIDE PARTICLE SIZE DISTRIBUTIONS

<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA53.dat

OUTPUT REPORT >: S9SA53.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9999621

Coefficient of Determination(R^2) = 0.9999894

Kolmogorov-Smirnoff difference(Ks) = 0.0072879

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9989594

Coefficient of Determination(R^2) = 0.9994913

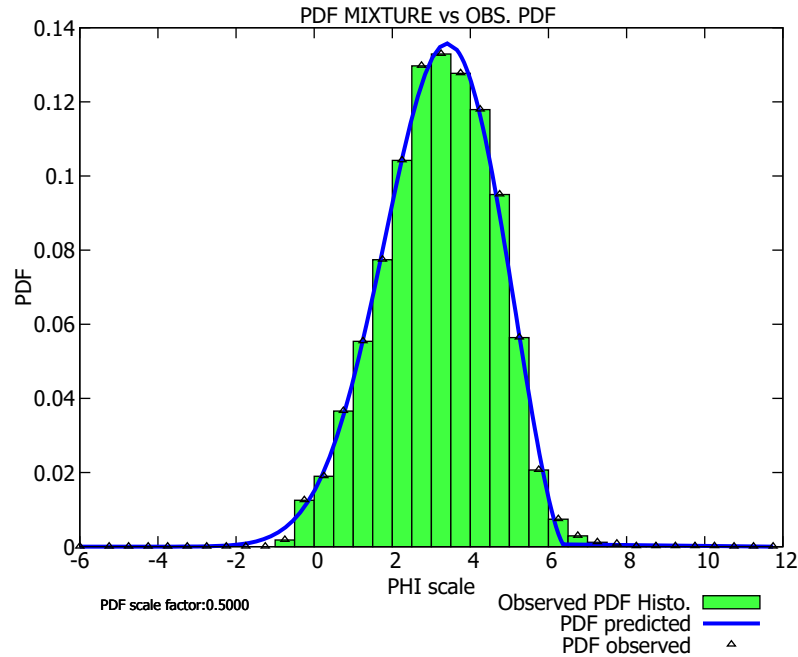
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 2.91335

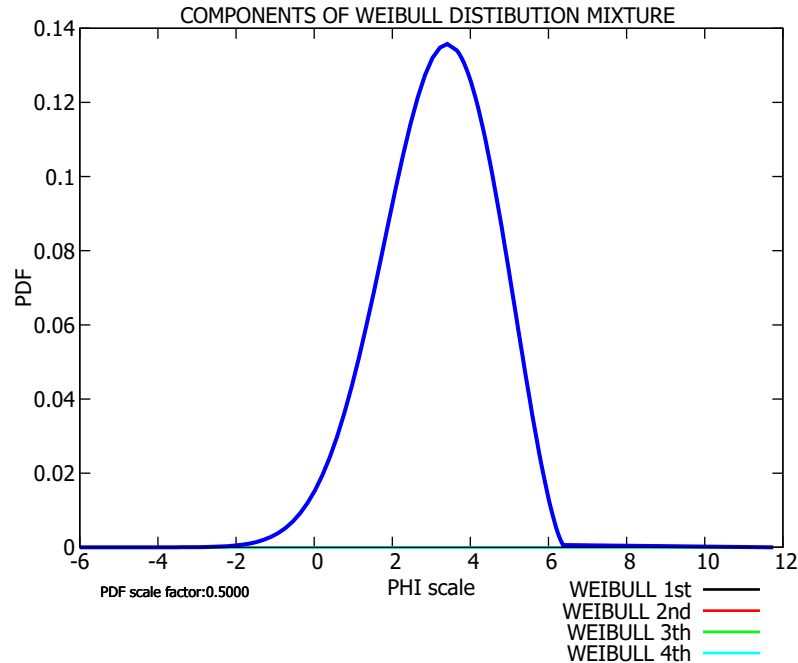
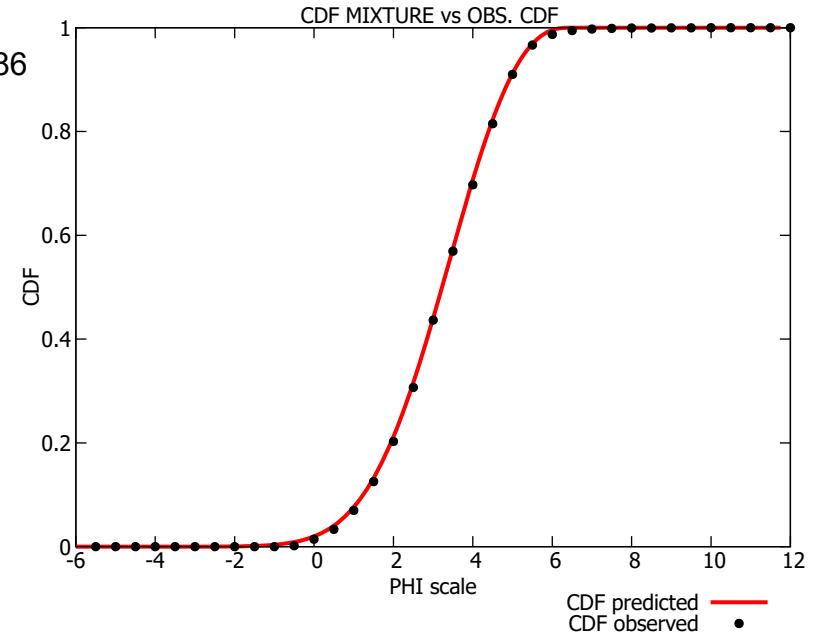
Standard deviation(PHI) = 1.44419 Poorly sorted

Skewness = -0.02964 Symmetrical

Kurtosis(normalized) = -0.45309 Platykurtic



Sample 86



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
 INSIDE PARTICLE SIZE DISTRIBUTIONS

<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA52.dat

OUTPUT REPORT >: S9SA52.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9999073

Coefficient of Determination(R^2) = 0.9999745

Kolmogorov-Smirnoff difference(Ks) = 0.0095654

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9975943

Coefficient of Determination(R^2) = 0.9987965

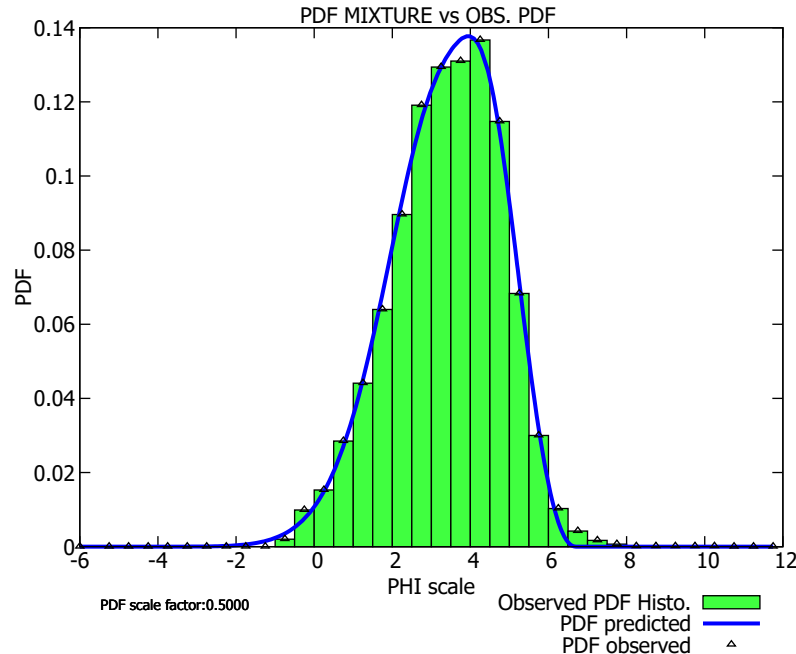
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 3.18774

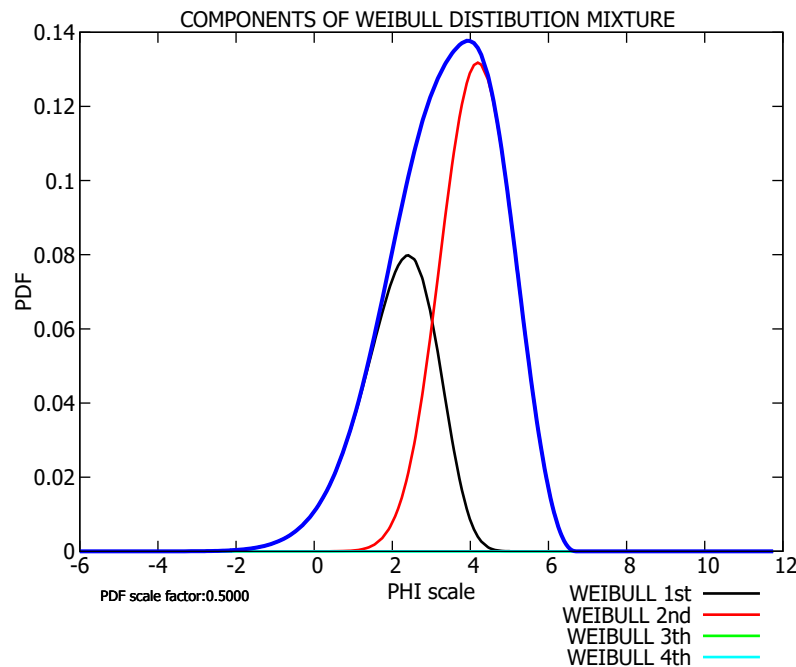
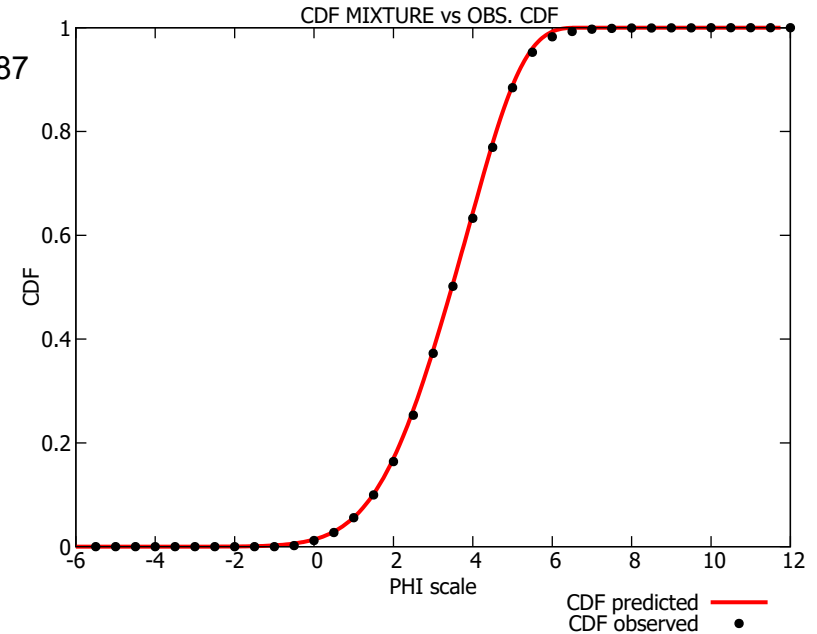
Standard deviation(PHI) = 1.39359 Poorly sorted

Skewness = -0.14272 Symmetrical

Kurtosis(normalized) = -0.20006 Mesokurtic



Sample 87



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
INSIDE PARTICLE SIZE DISTRIBUTIONS
<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA51.dat

OUTPUT REPORT >: S9SA51.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9999154

Coefficient of Determination(R^2) = 0.9999745

Kolmogorov-Smirnoff difference(Ks) = 0.0107702

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9978518

Coefficient of Determination(R^2) = 0.9989637

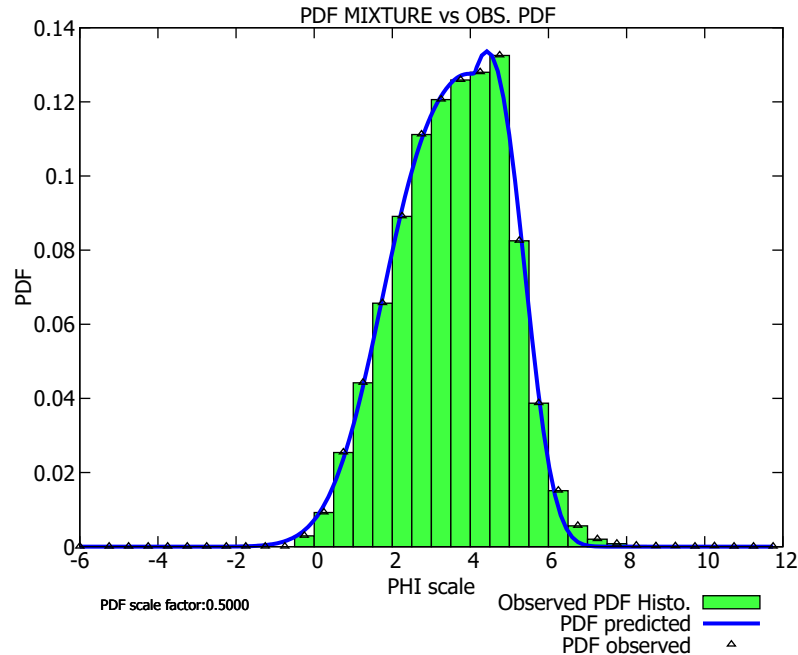
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 3.40197

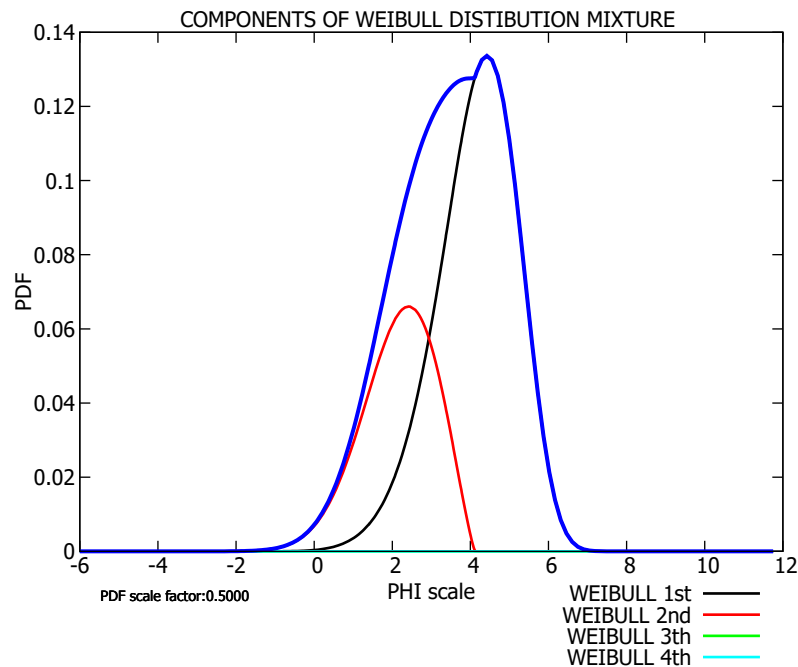
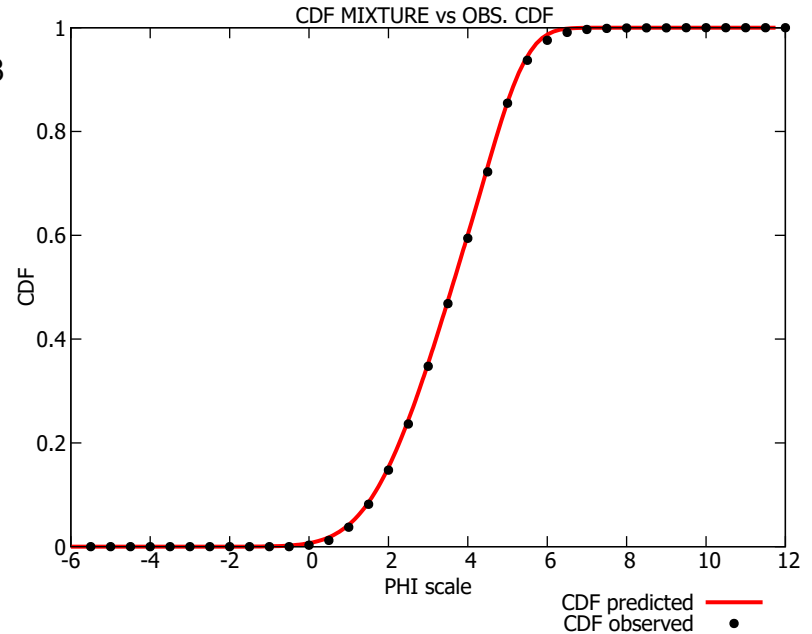
Standard deviation(PHI) = 1.39063 Poorly sorted

Skewness = -0.25625 Symmetrical

Kurtosis(normalized) = -0.10403 Mesokurtic



Sample 88



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
 INSIDE PARTICLE SIZE DISTRIBUTIONS
<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA50.dat

OUTPUT REPORT >: S9SA50.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9999120

Coefficient of Determination(R^2) = 0.9999741

Kolmogorov-Smirnoff difference(Ks) = 0.0109904

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9977469

Coefficient of Determination(R^2) = 0.9989067

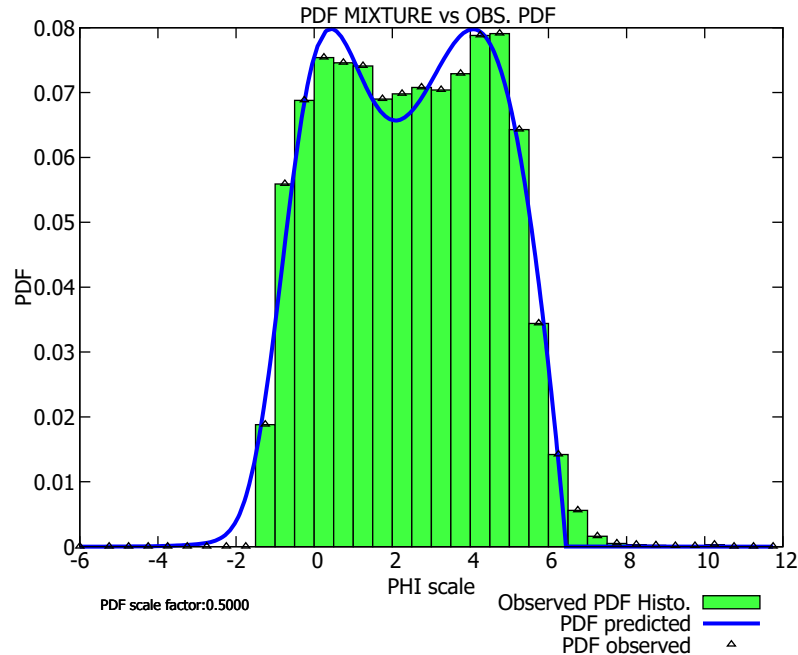
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 3.54855

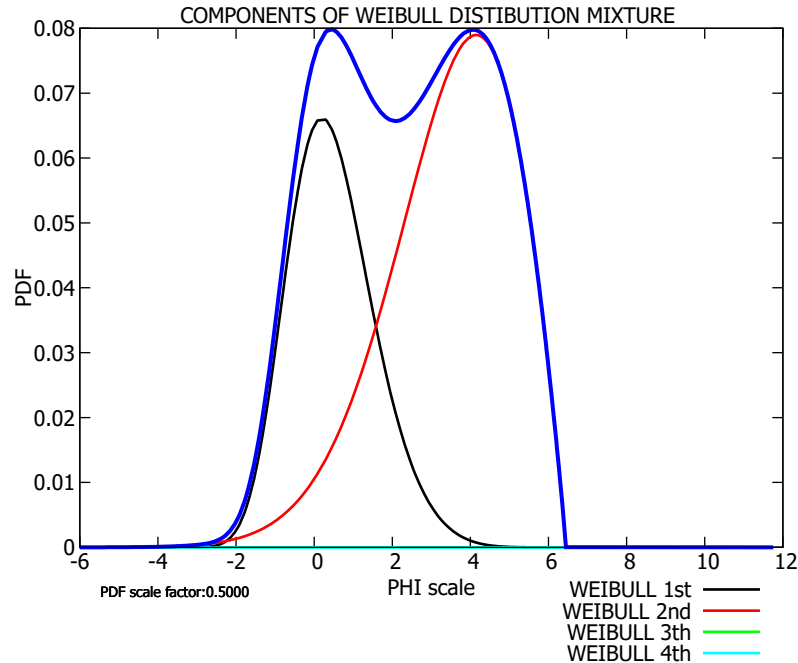
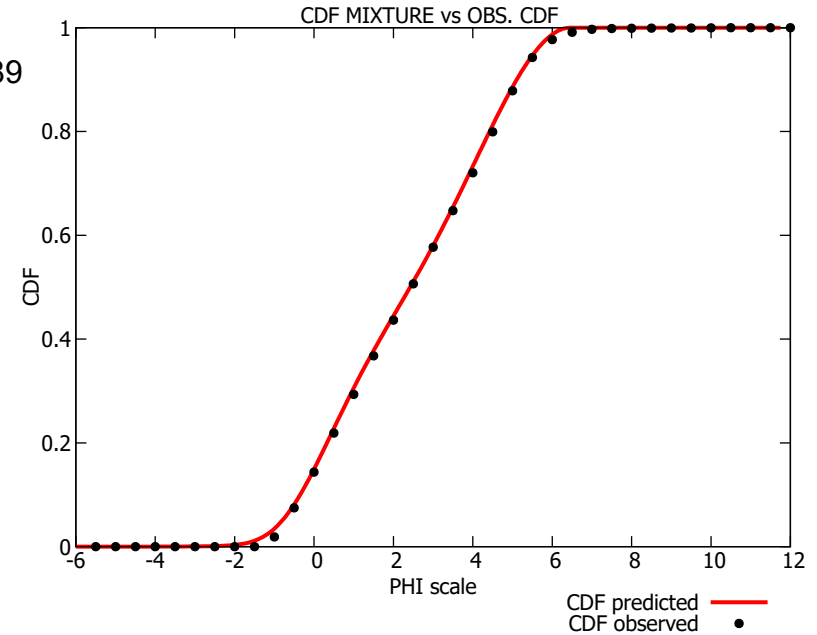
Standard deviation(PHI) = 1.37467 Poorly sorted

Skewness = -0.15043 Symmetrical

Kurtosis(normalized) = -0.38801 Mesokurtic



Sample 89



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
INSIDE PARTICLE SIZE DISTRIBUTIONS
<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA49.dat

OUTPUT REPORT >: S9SA49.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9997681

Coefficient of Determination(R^2) = 0.9999399

Kolmogorov-Smirnoff difference(Ks) = 0.0158620

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9904914

Coefficient of Determination(R^2) = 0.9952354

STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

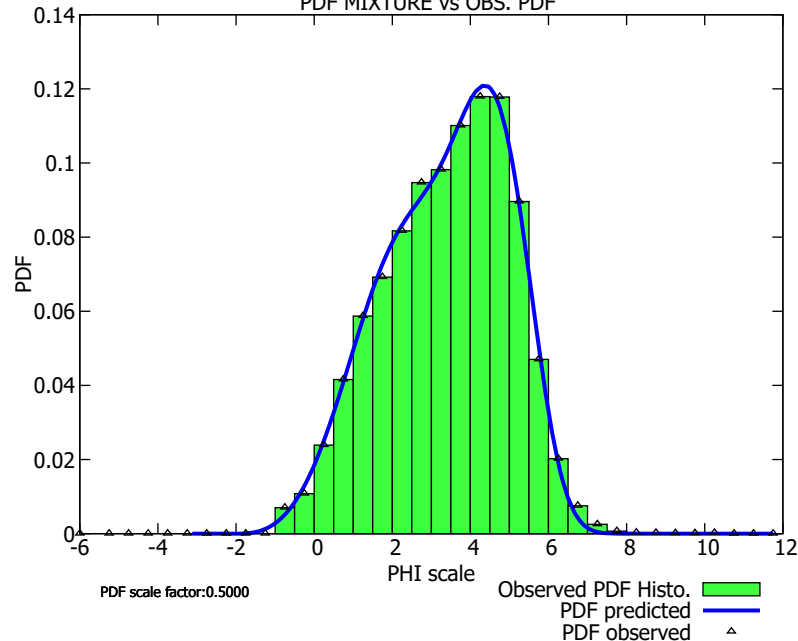
Mean(PHI) = 2.45537

Standard deviation(PHI) = 2.03525 Very poorly sorted

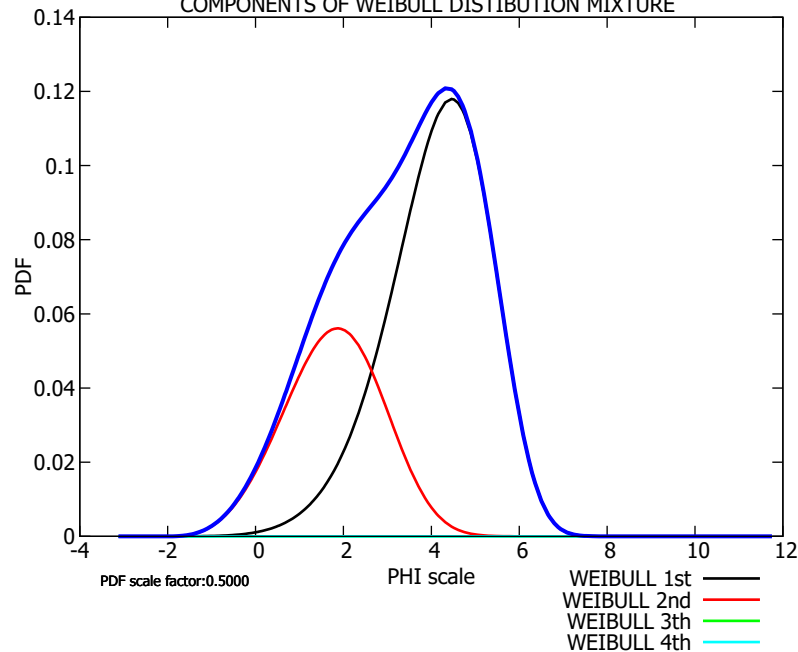
Skewness = 0.06337 Symmetrical

Kurtosis(normalized) = -1.01974 Platykurtic

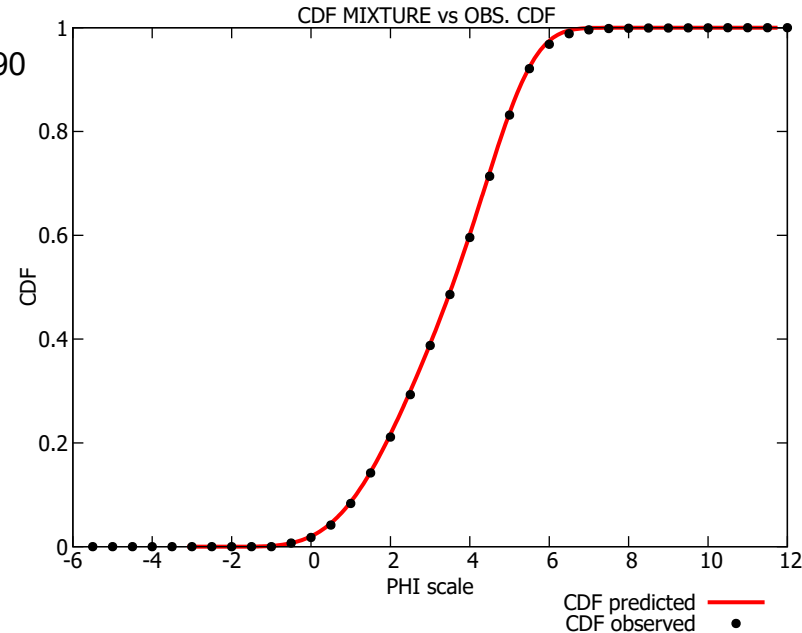
PDF MIXTURE vs OBS. PDF



COMPONENTS OF WEIBULL DISTRIBUTION MIXTURE



Sample 90



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
INSIDE PARTICLE SIZE DISTRIBUTIONS

<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA48.dat

OUTPUT REPORT >: S9SA48.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9999499

Coefficient of Determination(R^2) = 0.9999857

Kolmogorov-Smirnoff difference(Ks) = 0.0078292

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9984745

Coefficient of Determination(R^2) = 0.9992572

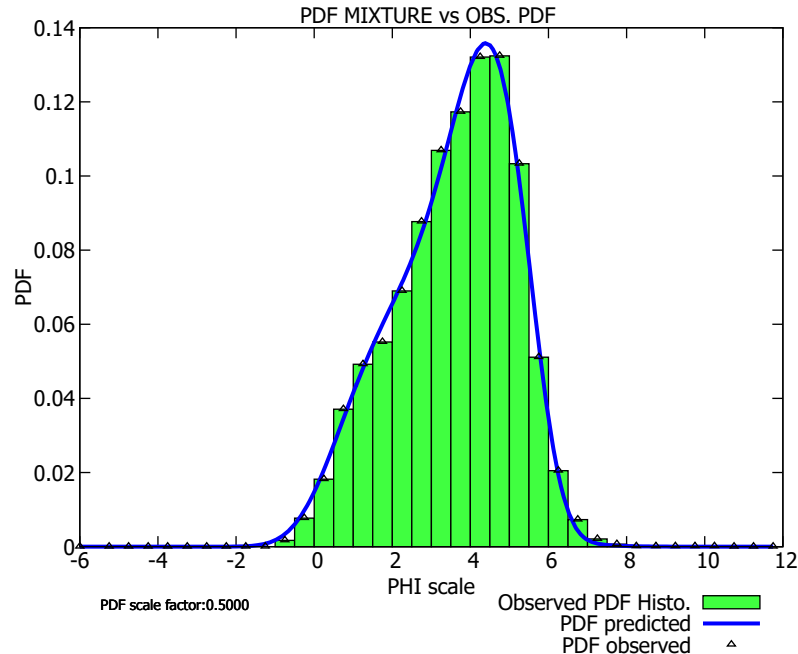
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 3.41025

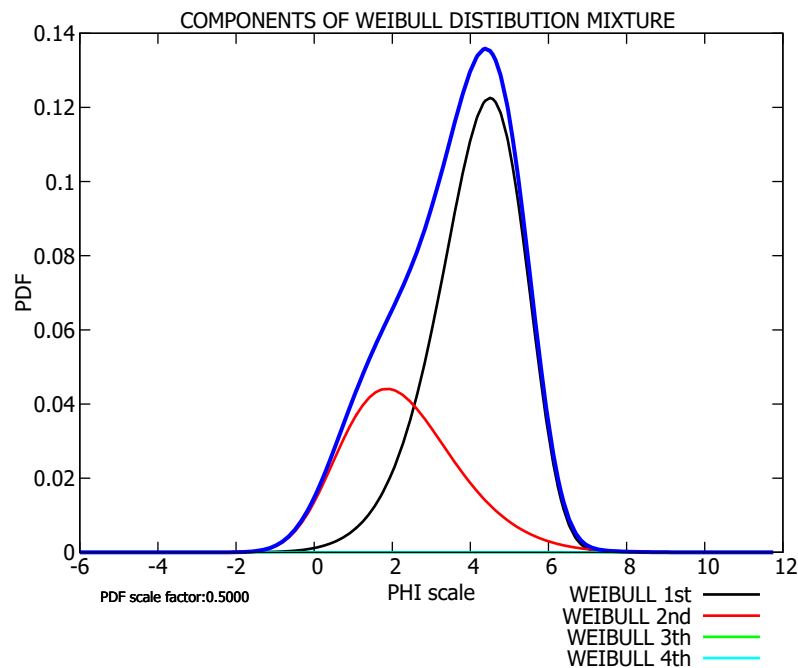
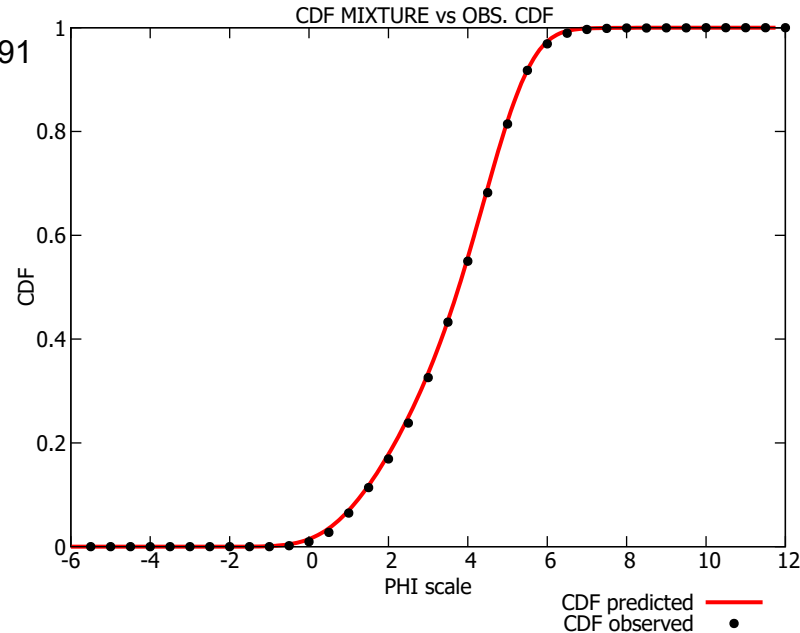
Standard deviation(PHI) = 1.60176 Poorly sorted

Skewness = -0.24023 Symmetrical

Kurtosis(normalized) = -0.47604 Platykurtic



Sample 91



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
 INSIDE PARTICLE SIZE DISTRIBUTIONS

<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA47.dat

OUTPUT REPORT >: S9SA47.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9999113

Coefficient of Determination(R^2) = 0.9999730

Kolmogorov-Smirnoff difference(Ks) = 0.0110728

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9975526

Coefficient of Determination(R^2) = 0.9987769

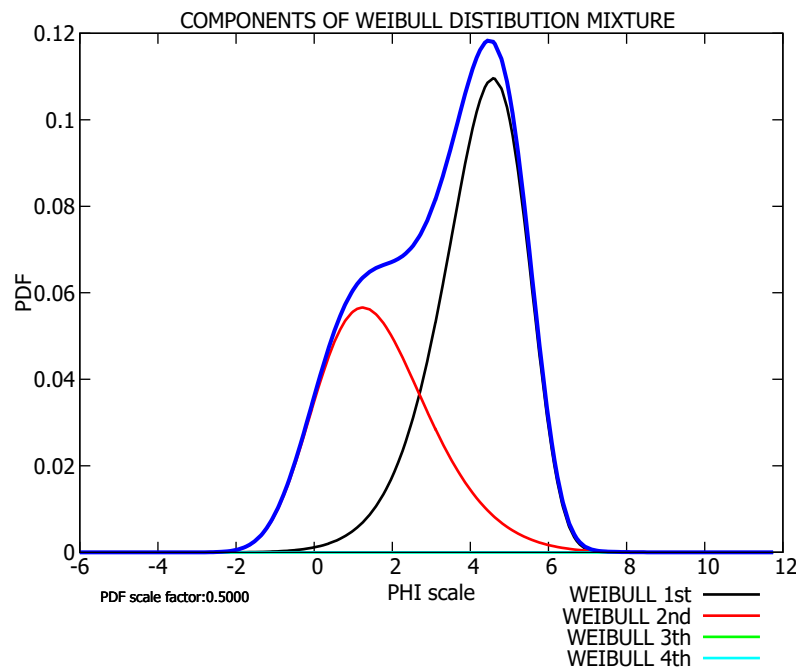
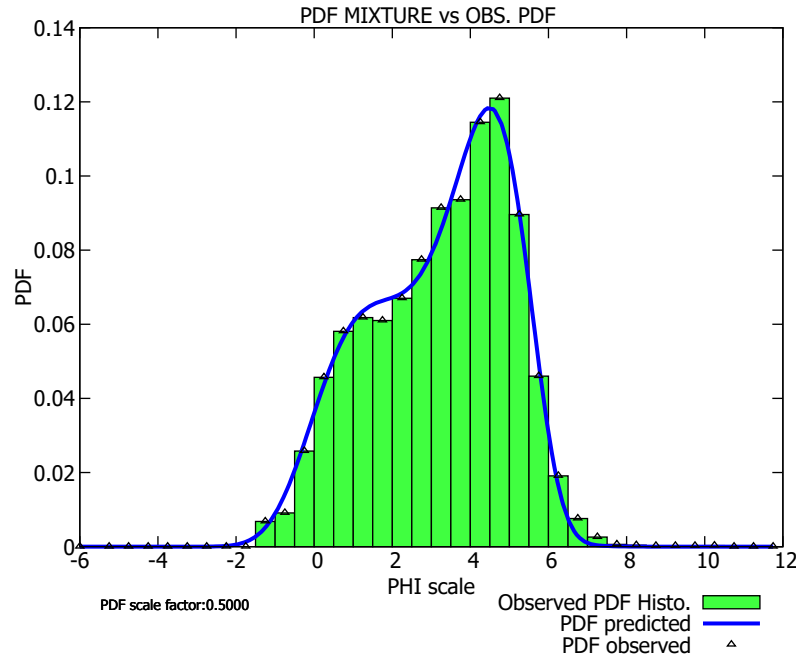
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 3.60092

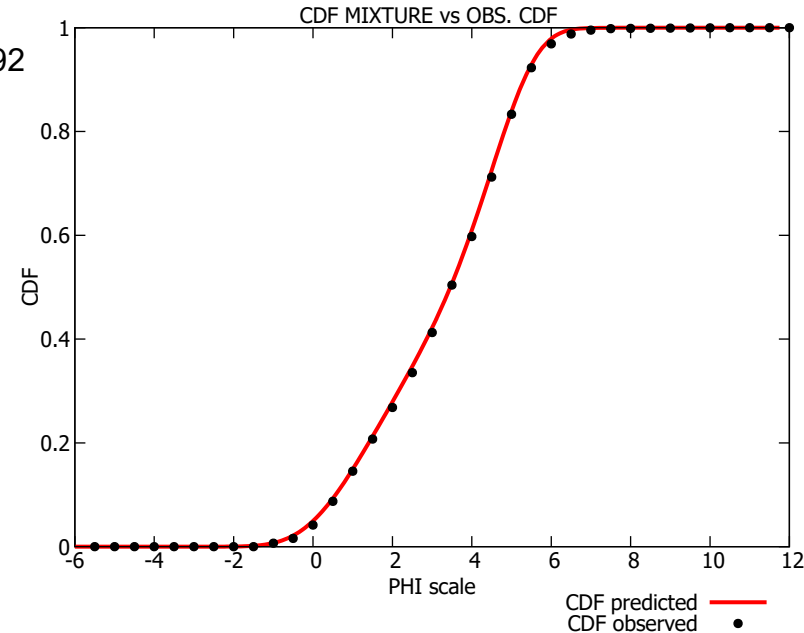
Standard deviation(PHI) = 1.51427 Poorly sorted

Skewness = -0.36079 Symmetrical

Kurtosis(normalized) = -0.38690 Mesokurtic



Sample 92



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
INSIDE PARTICLE SIZE DISTRIBUTIONS
<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA46.dat

OUTPUT REPORT >: S9SA46.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9998410

Coefficient of Determination(R^2) = 0.9999549

Kolmogorov-Smirnoff difference(Ks) = 0.0129638

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9946829

Coefficient of Determination(R^2) = 0.9973588

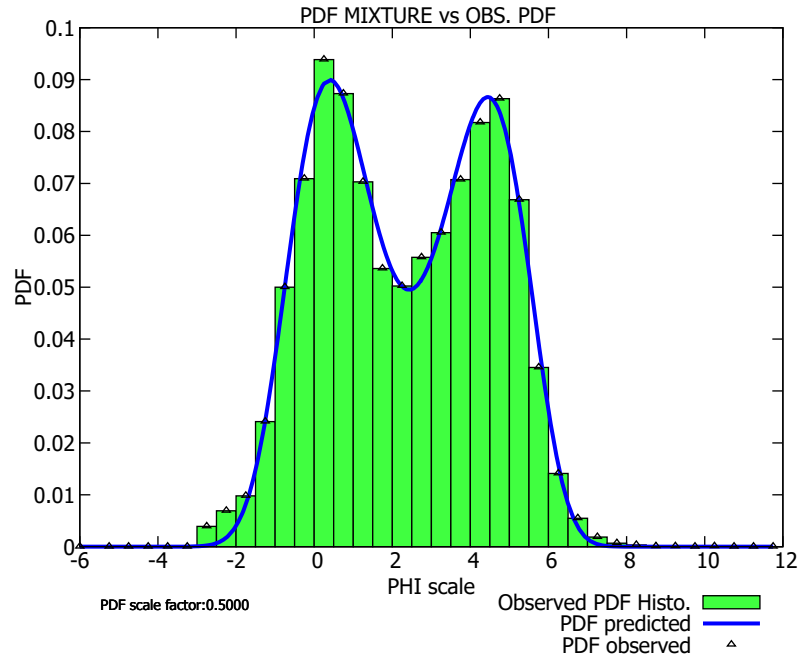
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 3.23127

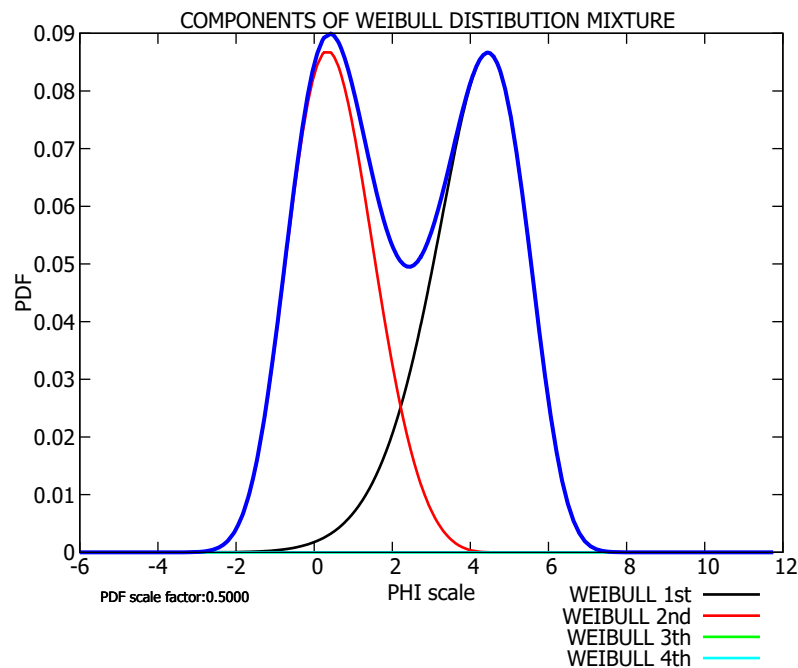
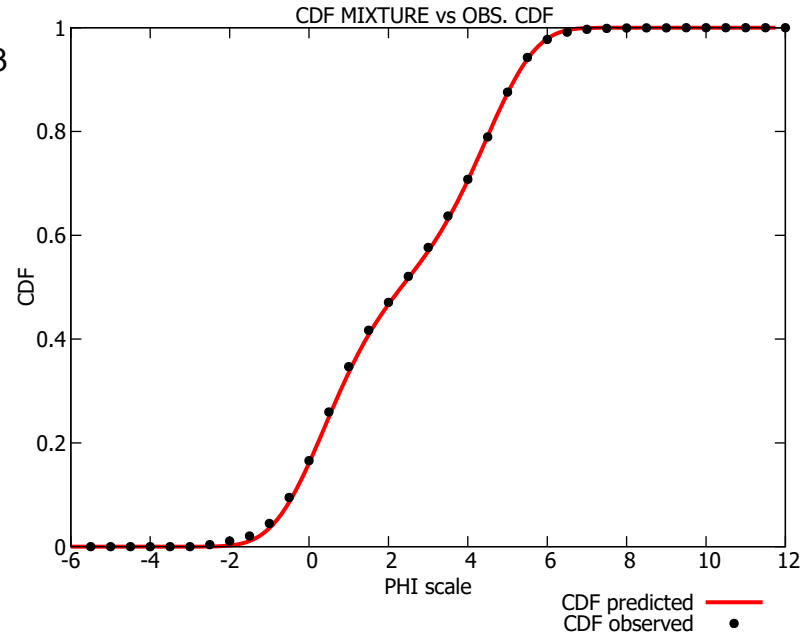
Standard deviation(PHI) = 1.79251 Poorly sorted

Skewness = -0.29517 Symmetrical

Kurtosis(normalized) = -0.63452 Platykurtic



Sample 93



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
 INSIDE PARTICLE SIZE DISTRIBUTIONS
<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S9SA45.dat

OUTPUT REPORT >: S9SA45.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9998694

Coefficient of Determination(R^2) = 0.9999648

Kolmogorov-Smirnoff difference(Ks) = 0.0113302

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9946548

Coefficient of Determination(R^2) = 0.9975045

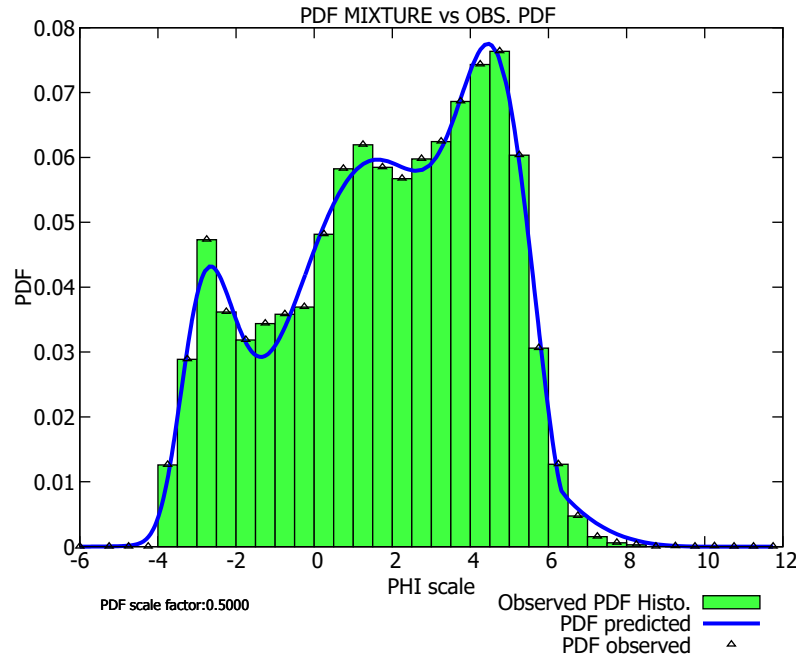
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 2.32406

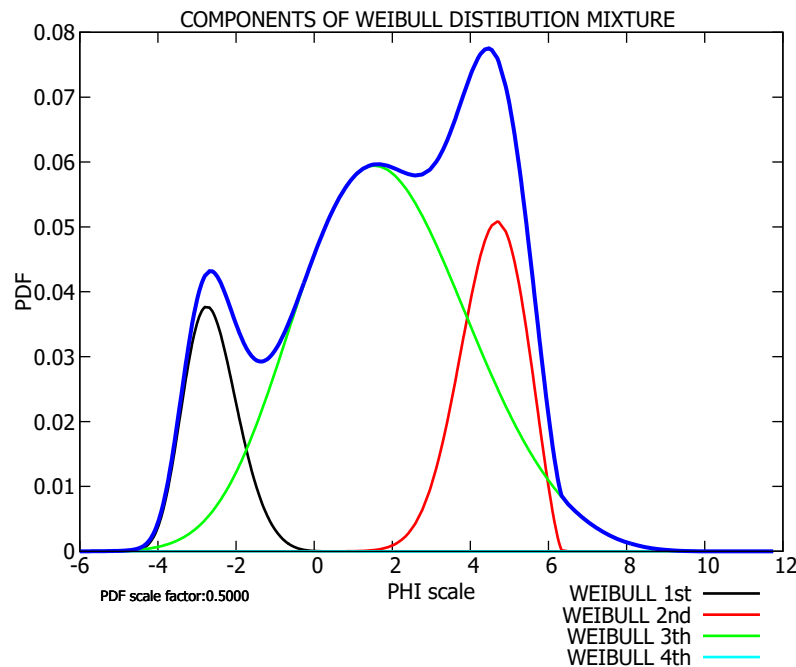
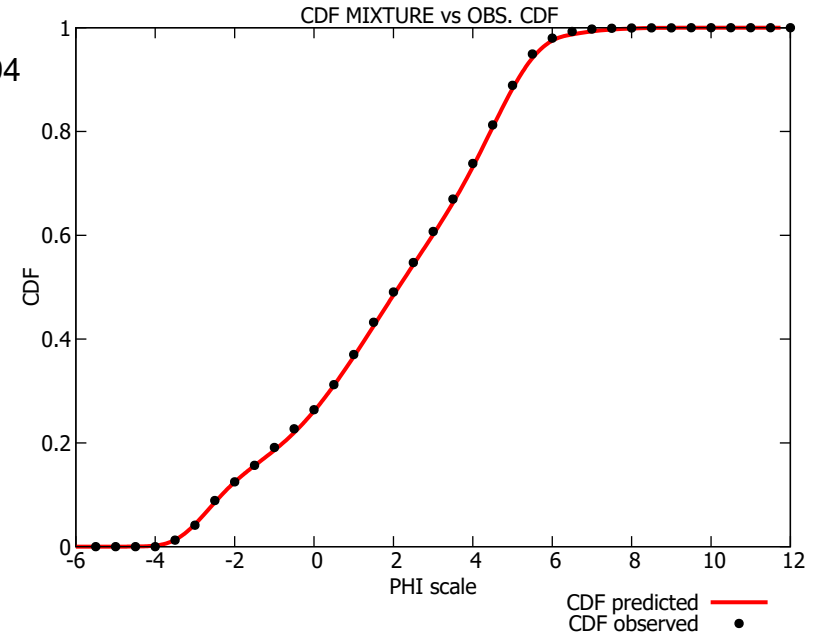
Standard deviation(PHI) = 2.17617 Very poorly sorted

Skewness = 0.01115 Symmetrical

Kurtosis(normalized) = -1.08095 Platykurtic



Sample 94



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
 INSIDE PARTICLE SIZE DISTRIBUTIONS
<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S4SA12.dat

OUTPUT REPORT >: S4SA12.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9998991

Coefficient of Determination(R^2) = 0.9999729

Kolmogorov-Smirnoff difference(Ks) = 0.0080688

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9944950

Coefficient of Determination(R^2) = 0.9972698

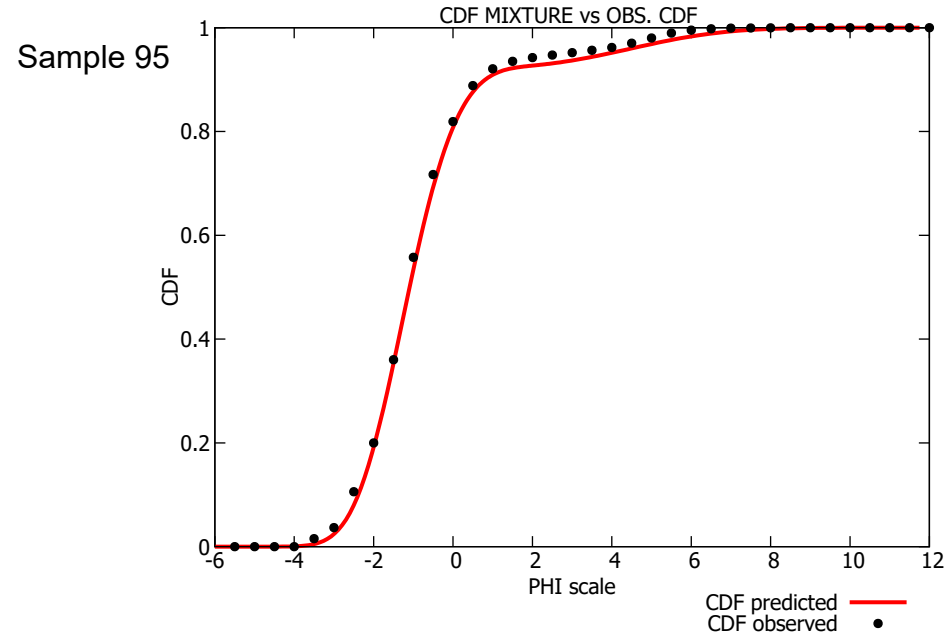
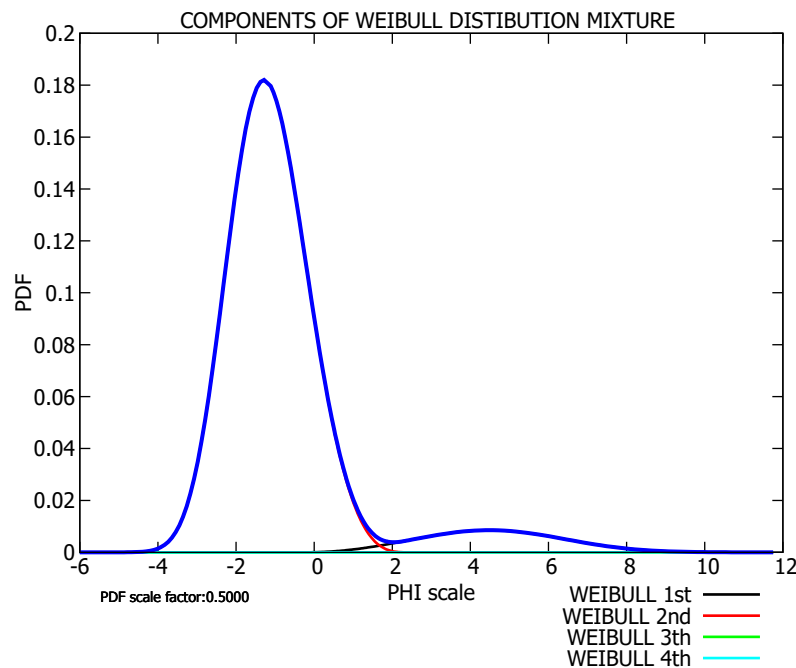
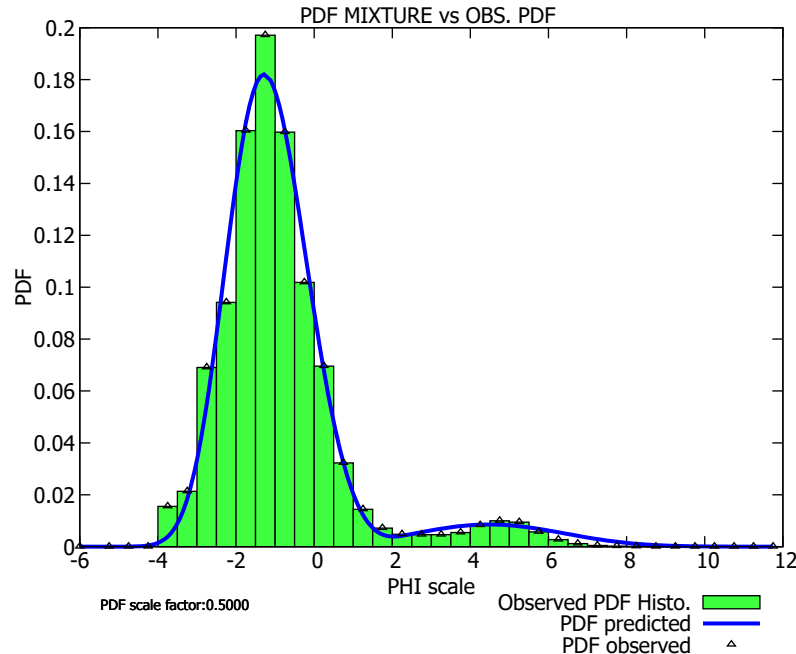
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 1.80325

Standard deviation(PHI) = 2.67413 Very poorly sorted

Skewness = -0.30335 Symmetrical

Kurtosis(normalized) = -0.93869 Platykurtic



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
INSIDE PARTICLE SIZE DISTRIBUTIONS
<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S4SA11.dat

OUTPUT REPORT >: S4SA11.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9991734

Coefficient of Determination(R^2) = 0.9998165

Kolmogorov-Smirnoff difference(Ks) = 0.0258357

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9879608

Coefficient of Determination(R^2) = 0.9939690

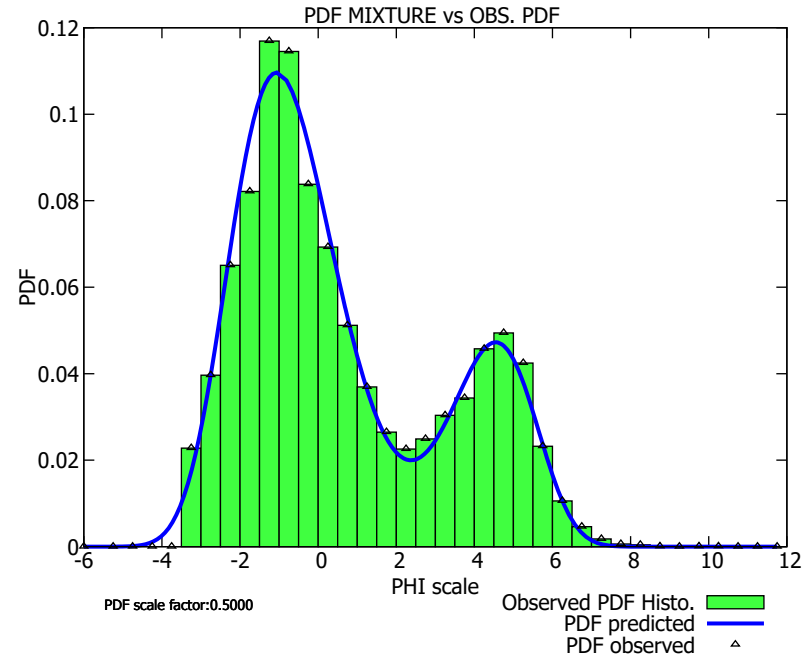
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = -0.87367

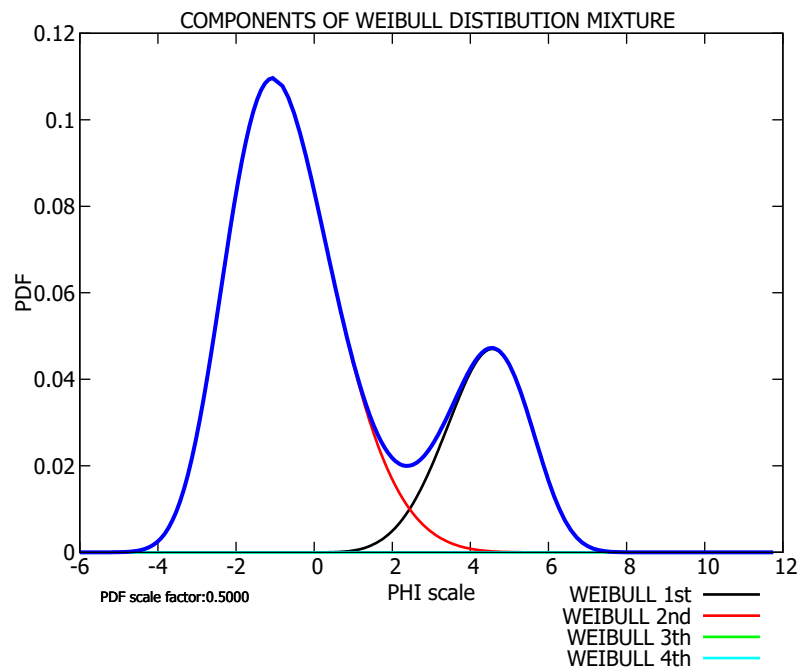
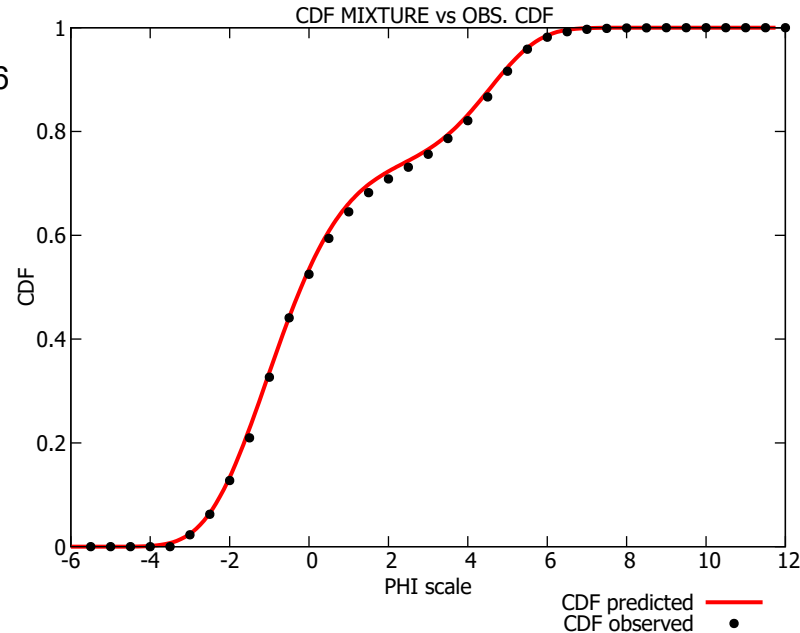
Standard deviation(PHI) = 1.67239 Poorly sorted

Skewness = 1.86803 Very positive skewed

Kurtosis(normalized) = 4.86730 Very Leptokurtic



Sample 96



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
INSIDE PARTICLE SIZE DISTRIBUTIONS

<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S4SA10.dat

OUTPUT REPORT >: S4SA10.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9995962

Coefficient of Determination(R^2) = 0.9998931

Kolmogorov-Smirnoff difference(Ks) = 0.0182637

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9861219

Coefficient of Determination(R^2) = 0.9931316

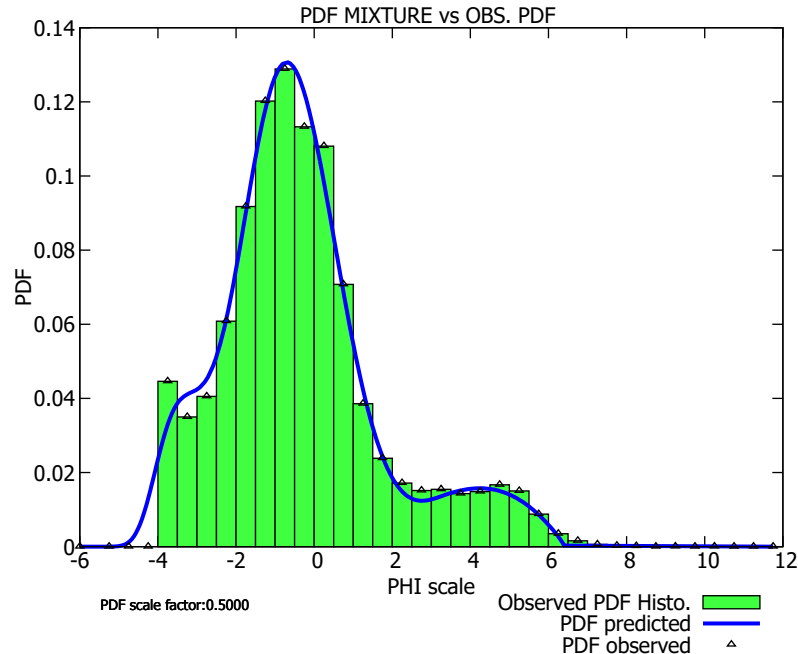
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 0.67448

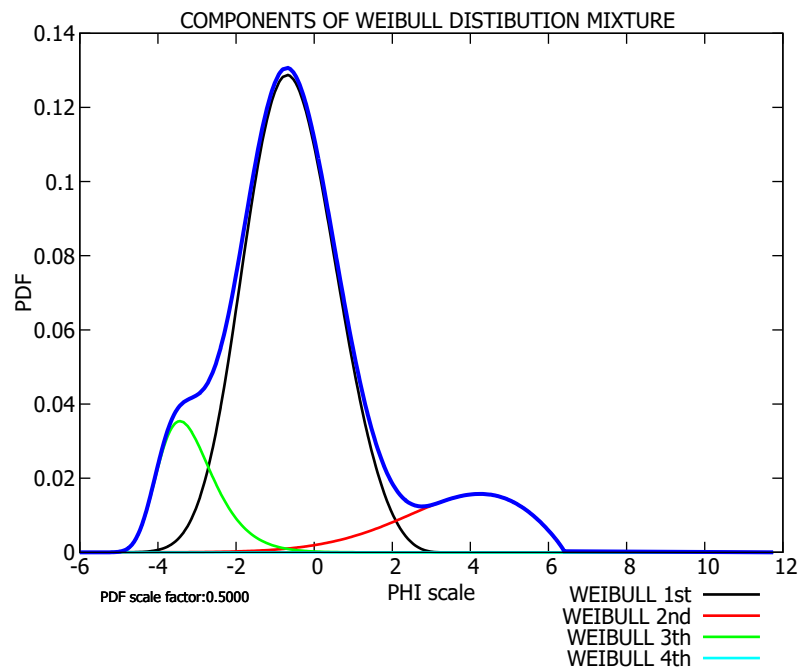
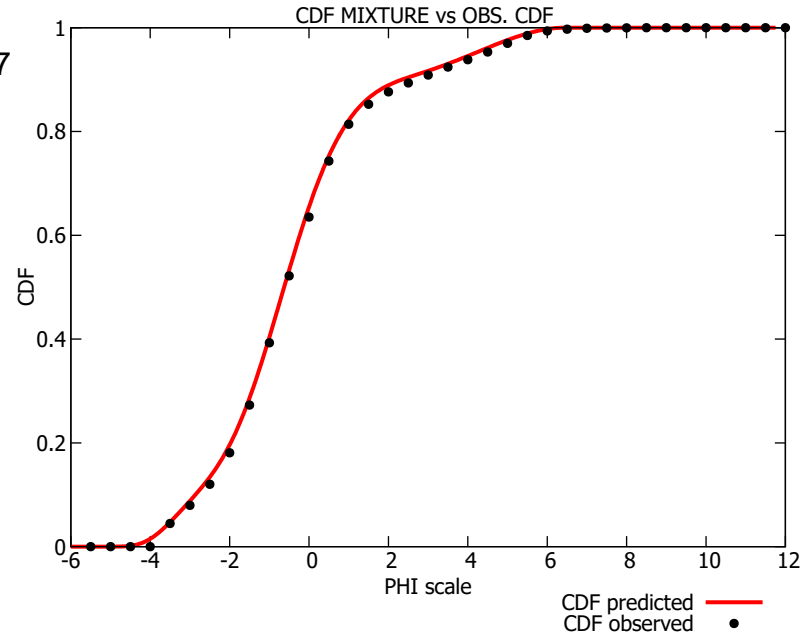
Standard deviation(PHI) = 2.61549 Very poorly sorted

Skewness = 0.63079 Positive skewed

Kurtosis(normalized) = -0.80671 Platykurtic



Sample 97



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
 INSIDE PARTICLE SIZE DISTRIBUTIONS
<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S4SA9.dat

OUTPUT REPORT >: S4SA9.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9995466

Coefficient of Determination(R^2) = 0.9999036

Kolmogorov-Smirnoff difference(Ks) = 0.0196817

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9887299

Coefficient of Determination(R^2) = 0.9943525

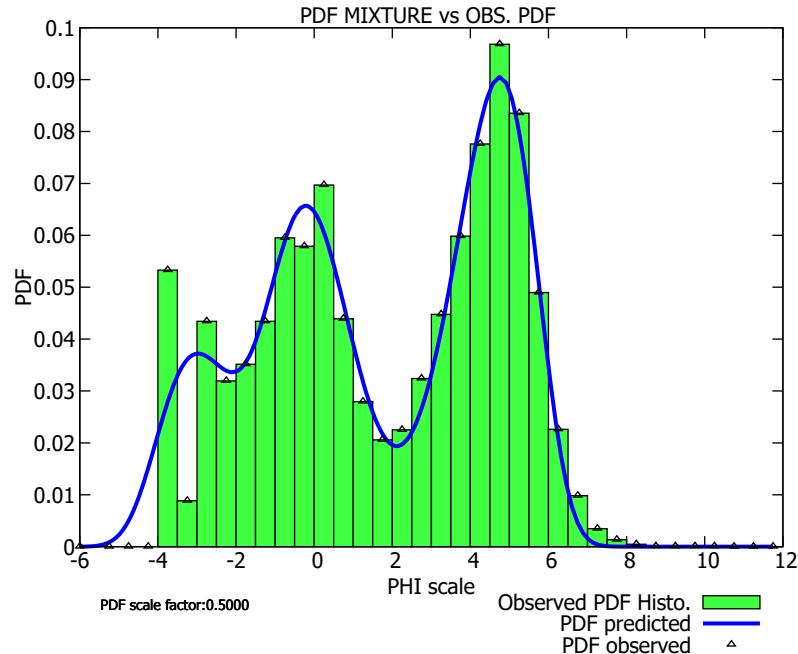
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = -0.29378

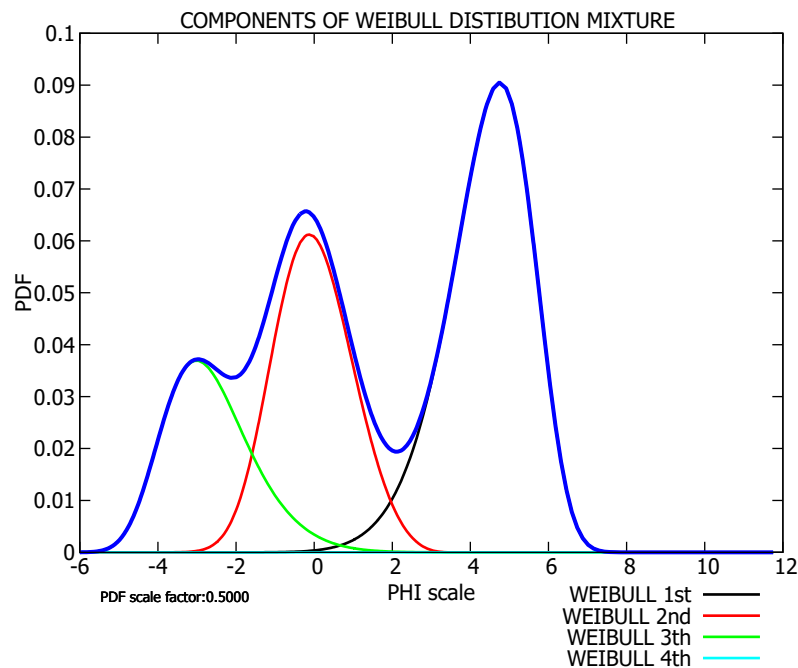
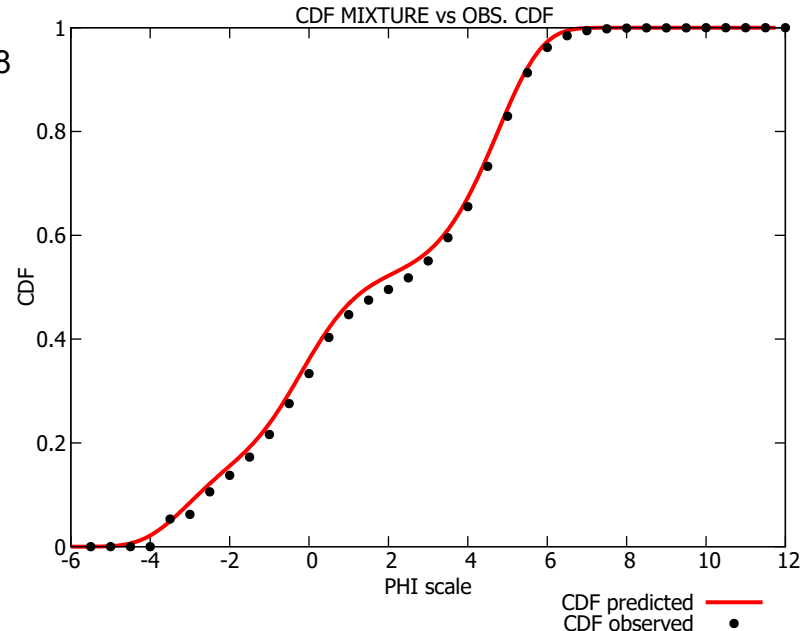
Standard deviation(PHI) = 2.09512 Very poorly sorted

Skewness = 0.94601 Positive skewed

Kurtosis(normalized) = 0.97241 Leptokurtic



Sample 98



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
 INSIDE PARTICLE SIZE DISTRIBUTIONS

<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S4SA8.dat

OUTPUT REPORT >: S4SA8.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9984598

Coefficient of Determination(R^2) = 0.9997306

Kolmogorov-Smirnoff difference(Ks) = 0.0275110

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9288570

Coefficient of Determination(R^2) = 0.9637779

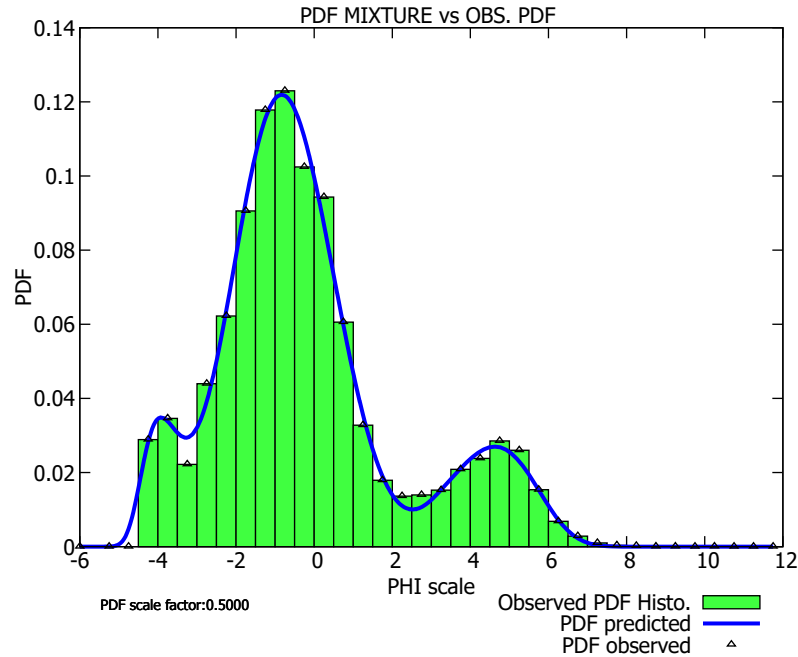
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 1.79414

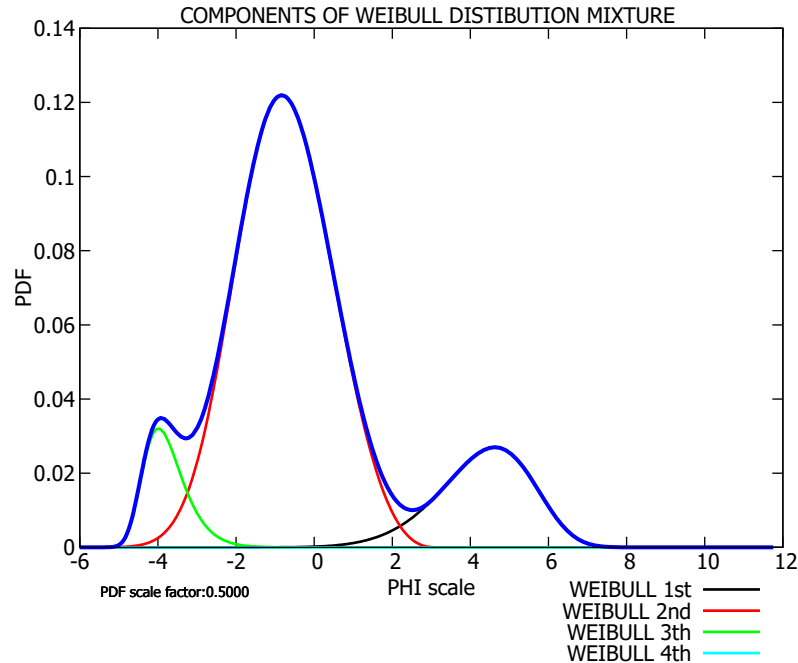
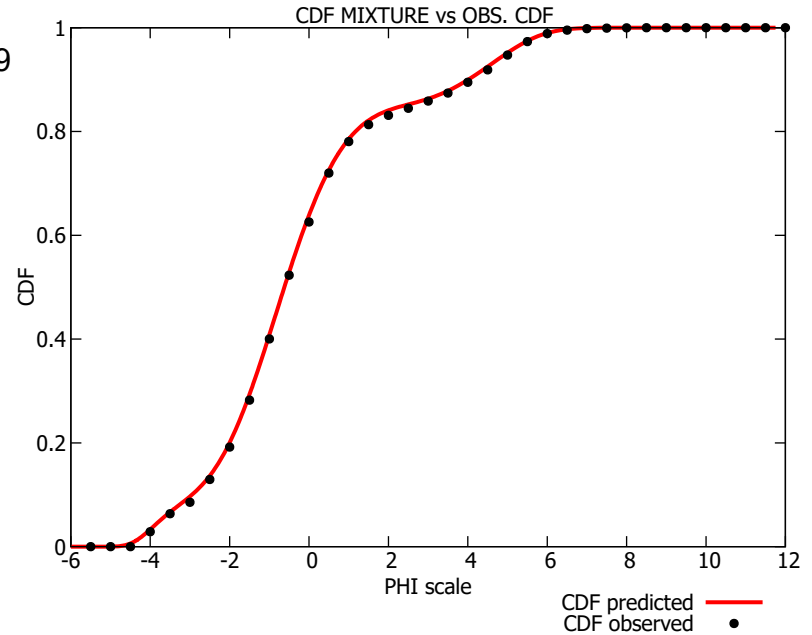
Standard deviation(PHI) = 3.03322 Very poorly sorted

Skewness = -0.20352 Symmetrical

Kurtosis(normalized) = -1.23842 Platykurtic



Sample 99



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
 INSIDE PARTICLE SIZE DISTRIBUTIONS
<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S4SA7.dat

OUTPUT REPORT >: S4SA7.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9997821

Coefficient of Determination(R^2) = 0.9999571

Kolmogorov-Smirnoff difference(Ks) = 0.0132941

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9939357

Coefficient of Determination(R^2) = 0.9969653

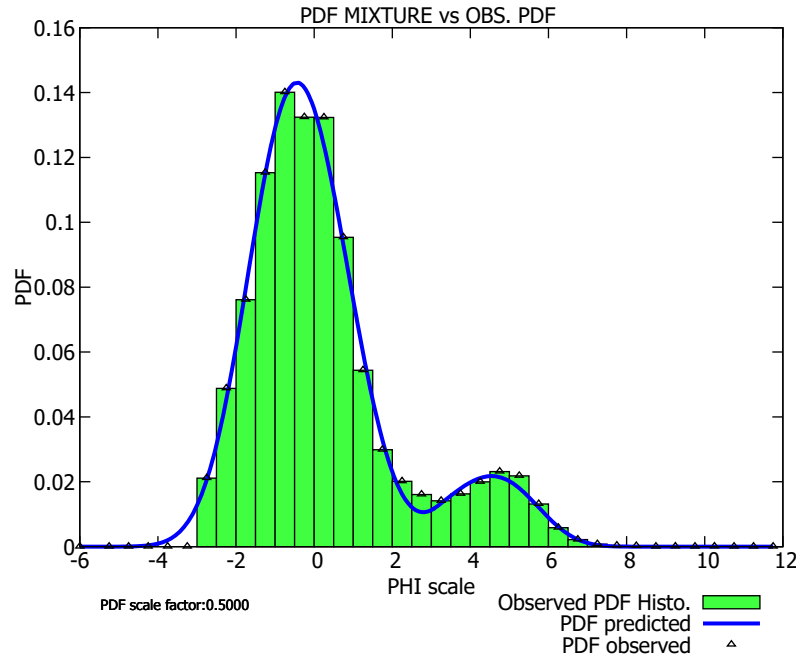
STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = -0.12881

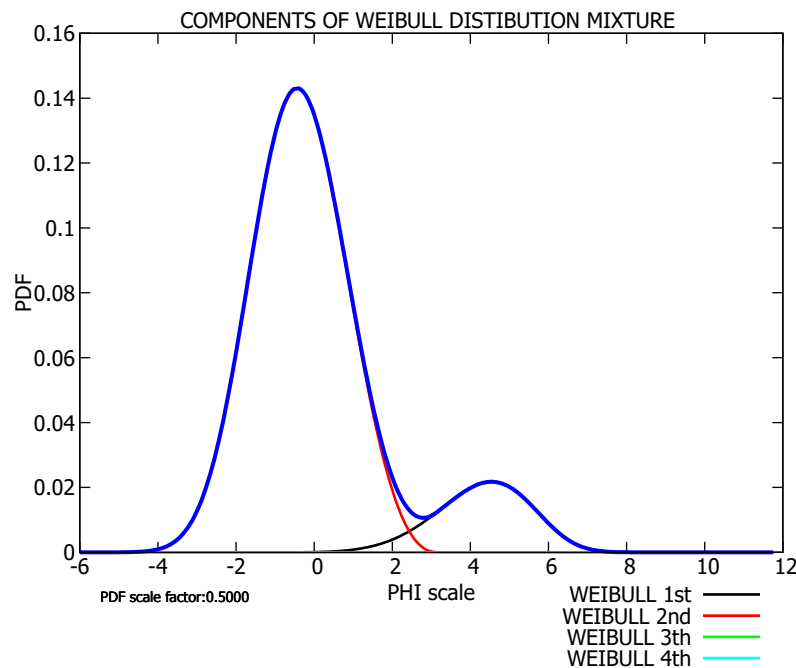
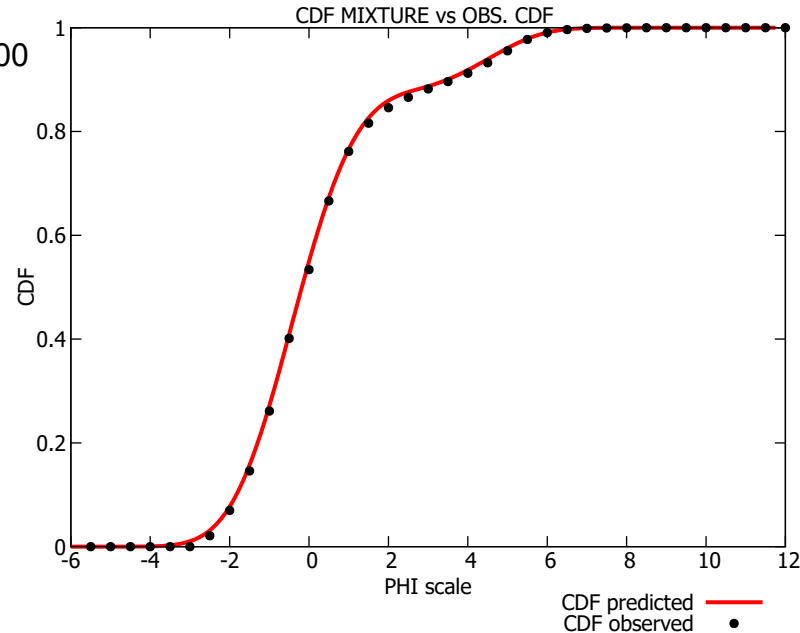
Standard deviation(PHI) = 2.43646 Very poorly sorted

Skewness = 0.85080 Positive skewed

Kurtosis(normalized) = 0.28860 Mesokurtic



Sample 100



DECOLOG (rel. 6.0 - 2019) - DECONVOLUTION OF MIXTURE'S COMPONENTS
INSIDE PARTICLE SIZE DISTRIBUTIONS
<https://www.lorenzo-borselli.eu/decolog> -By L.Borselli D.Sarocchi, UASLP(Mexico)

INPUT DATA FILE >: S4SA6.dat

OUTPUT REPORT >: S4SA6.out

GLOBAL FITTING STATISTICS for CDF :

Model efficiency coefficient(EF) = 0.9997596

Coefficient of Determination(R^2) = 0.9999391

Kolmogorov-Smirnoff difference(Ks) = 0.0159225

GLOBAL FITTING STATISTICS for PDF :

Model efficiency coefficient(EF) = 0.9944951

Coefficient of Determination(R^2) = 0.9972481

STATISTICS FROM SPLINES RESAMPLED OBSERVED CDF (MonteCarlo Method) :

Mean(PHI) = 0.28729

Standard deviation(PHI) = 1.99160 Poorly sorted

Skewness = 1.19094 Positive skewed

Kurtosis(normalized) = 1.03500 Leptokurtic