Maximum Likelihood Parameters for All Distributions Fit to Age Spectra in Table 4

Ages Based on Aspartic Acid
Exponential Distribution:
      rate parameter $\lambda = 0.842$

Weibull Distribution:
      shape parameter $k = 0.471$
      scale parameter $\lambda = 0.584$

Single Log-normal Distribution:
      mean parameter $\mu = -1.744$
      standard deviation parameter $\sigma = 2.436$

Exponential plus Log-normal:
      exponential rate parameter $\lambda = 0.412$
      log-normal mean parameter $\mu = -3.795$
      log-normal standard deviation parameter $\sigma = 1.156$
      exponential:log-normal proportions = 0.520:0.480

Weibull plus Log-normal:
      shape parameter $k = 1.984$
      scale parameter $\lambda = 3.132$
      log-normal mean parameter $\mu = -3.588$
      log-normal standard deviation parameter $\sigma = 1.288$
      weibull:log-normal proportions = 0.415:0.585

Double Weibull:
      shape parameter $k_1 = 1.817$
      scale parameter $\lambda_1 = 2.997$
      shape parameter $k_2 = 0.904$
      scale parameter $\lambda_2 = 0.0454$
      weibull$_1$: weibull$_2$ proportions = 0.435:0.565

Double Log-normal:
      log-normal mean parameter $\mu_1 = 0.960$
      log-normal standard deviation parameter $\sigma_1 = 0.473$
      log-normal mean parameter $\mu_2 = -3.474$
      log-normal standard deviation parameter $\sigma_2 = 1.386$
      log-normal$_1$: log-normal$_2$ proportions = 0.390:0.610

Ages Based on Glutamic Acid
Exponential Distribution:
    rate parameter $\lambda = 0.591$

Weibull Distribution:
    shape parameter $k = 0.647$
    scale parameter $\lambda = 1.193$

Single Log-normal Distribution:
    mean parameter $\mu = -0.655$
    standard deviation parameter $\sigma = 1.677$

Exponential plus Log-normal:
    exponential rate parameter $\lambda = 4.866$
    log-normal mean parameter $\mu = 0.713$
    log-normal standard deviation parameter $\sigma = 0.951$
    exponential:log-normal proportions = 0.500:0.500

Weibull plus Log-normal:
    shape parameter $k = 0.875$
    scale parameter $\lambda = 2.581$
    log-normal mean parameter $\mu = -1.931$
    log-normal standard deviation parameter $\sigma = 1.090$
    weibull:log-normal proportions = 0.570:0.430

Double Weibull:
    shape parameter $k_1 = 11.129$
    scale parameter $\lambda_1 = 8.973$
    shape parameter $k_2 = 0.659$
    scale parameter $\lambda_2 = 1.094$
    weibull$_1$: weibull$_2$ proportions = 0.024:0.976

Double Log-normal:
    log-normal mean parameter $\mu_1 = -1.895$
    log-normal standard deviation parameter $\sigma_1 = 1.098$
    log-normal mean parameter $\mu_2 = 0.755$
    log-normal standard deviation parameter $\sigma_2 = 0.952$
    log-normal$_1$: log-normal$_2$ proportions = 0.532:0.468

Mean of Ages Based on Aspartic and Glutamic Acid

Exponential Distribution:

   rate parameter $\lambda = 0.694$

Weibull Distribution:

   shape parameter $k = 0.612$

   scale parameter $\lambda = 0.984$

Single Log-normal Distribution:

   mean parameter $\mu = -0.930$

   standard deviation parameter $\sigma = 1.855$

Exponential plus Log-normal:

   exponential rate parameter $\lambda = 0.401$

   log-normal mean parameter $\mu = -2.579$

   log-normal standard deviation parameter $\sigma = 0.961$

   exponential:log-normal proportions = 0.444:0.556

Weibull plus Log-normal:

   shape parameter $k = 1.240$

   scale parameter $\lambda = 2.939$

   log-normal mean parameter $\mu = -2.480$

   log-normal standard deviation parameter $\sigma = 1.020$

   weibull:log-normal proportions = 0.500:0.500

Double Weibull:

   shape parameter $k_1 = 3.273$

   scale parameter $\lambda_1 = 9.375$

   shape parameter $k_2 = 0.612$

   scale parameter $\lambda_2 = 0.983$

   weibull$_1$: weibull$_2$ proportions = 0.0002:0.9998

Double Log-normal:

   log-normal mean parameter $\mu_1 = 0.919$

   log-normal standard deviation parameter $\sigma_1 = 0.675$

   log-normal mean parameter $\mu_2 = -2.298$

   log-normal standard deviation parameter $\sigma_2 = 1.117$

   log-normal$_1$: log-normal$_2$ proportions = 0.425:0.575