



一个为常规分析所用的软件

New-Daily是一个用于处理实验室常规分析的数据的软件。

你需要在**New-Daily**软件中输入要校准标准、**QC**样品、校准模型和分析样品的响应值。**New-Daily**重新帮你计算出结果后转换成**Excel**或 **pdf** 文件。

现有校准模型

- 使用最高水平通过**0** 的线性回归
- 使用一个特定水平通过**0** 的线性回归
- 线性回归
- 加权函数 $1/X$ 的线性回归
- 加权函数 $1/X^2$ 的线性回归
- 对浓度和响应值取常用对数后，进行线性回归
- 对浓度和响应值取平方根后，进行线性回归
- 非加权函数**4**个参数的对数回归
- 加权函数**4**个参数的对数回归 (**POM**)
- 非加权函数**5**个参数的对数回归
- 加权函数**5**个参数的对数回归 (**POM**)
- 非加权函数的对数的对数回归
- 二次回归
- 加权函数 $(1/X)$ 后二次回归
- 加权函数 $(1/X^2)$ 后二次回归
- 乘方函数的回归
- 加权函数后乘方函数的回归



New-Daily

Example of screenshots from New-Daily

New Daily

Home page

Daily Routine Use

Session opened by: Francois Moonen
User ID: francois
Account expires on: 31 Dec 9999

Company: Arlenda
Department: -

Date and Time: 30 Aug 2006 14:41:10

Credits:

New-Daily is a Java Servlet-based application running on a Linux [EeePC](#) 9 box. It makes use of the

- Web server: [Oracle JWSRVE](#)
- Application Server: [J2EE4/TOMCAT](#)
- PDF Formatter: [FPDF](#)
- Secure Layer: [OWASP](#)
- Charting: [JFreeChart](#)
- Document reader: [JOD](#)

The application is built on top of the [GWT](#) framework V6.

WHAT'S NEW ?

New Daily

Calibration Data

Select the order of the variables as they will appear in the textareas :

Variable 1	Variable 2	Variable 3	Variable 4	
Sample ID	Series	Level	Concentration	Response
St1300aJ1	#1	1	31.62	8.338
St1500aJ1	#1	2	31.62	8.1
St1500aJ1	#1	2	527	147.653
St1500aJ1	#1	2	527	146.897
St1500aJ1	#1	2	527	145.481
St1500aJ1	#1	2	527	145.921
St1500aJ1	#1	2	527	145.507
St11000aJ1	#1	2	527	144.517
St11000aJ1	#1	3	1054	297.154
St1300aJ2	#2	1	1054	297.154
St1300aJ2	#2	1	30.66	7.074

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Data Description

The quantity introduced is as:

concentration
 amount

Please enter the unit used in your data:
and the unit of your analytical responses:
As variable delimiter, new-daily allows you to use either a space or a tabulation.

Select the decimal separator:

Unknown Data

The unknowns have to be pasted in the following textareas.
Select the order of the variables as they will appear in the textareas :

Variable 1	Variable 2	Variable 3
Sample ID	Series	Response
E1132J1	#1	117.902
E112J1	#1	116.441
E123J1	#1	120.487
E123J1	#1	119.999
E132J1	#1	114.396
E132J1	#1	114.065
E141J1	#1	118.112

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QC Standard Data

QC data has to be pasted in the following textareas.
QC data format has to be the same as the one chosen for calibration data.

Sample ID	Series	Level	Concentration	Response
St1100J1	#1	1	31.62	8.208

Step 2 - Data Format and Input

Project Description

Project Title: Template Title
Method: Template ID
Protocol ID: Template Protocol ID
Product Name: Template Product Name
Compound Name: Template Compound Name
Matrix: Template Matrix
Days: Template days
Runs: Template runs
Scientist: Francois Moonen
Company: Arlenda
Department: -

Model Selection

Select the statistical models to fit on calibration data:

- Linear regression through 0
- Linear regression through 0 using level:
- Linear regression
- Weighted linear regression
- Linear regression after (base 10) LOGARITHM transformation of both concentration and response
- Weighted linear regression after (base 10) LOGARITHM transformation of both concentration and response
- Linear regression after SQUARE ROOT transformation of both concentration and response

Name: Francois Moonen
Company: Arlenda
Department: -
Days: Template days
Runs: Template runs

Figure 1. - Calibration curves

Table II. - Back-calculated Results Based on Calibration Standards

Sample ID	Series	concentration level (ng/mL)	Introduced concentration (ng/mL)	Analytical response (Area)	Aligned concentration (ng/mL)	Back-calculated concentration (ng/mL)	Relative Bias (%)	Criteria
St1300aJ1	#1	1.0	31.62	8.130	30.95	36.19	16.83	< Lower LOQ
St1300aJ1	#1	1.0	31.62	7.912	30.95	35.42	14.45	< Lower LOQ
St1500aJ1	#1	2.0	527.0	143.5	514.9	515.0	0.000229	
St1500aJ1	#1	2.0	527.0	142.1	514.9	510.0	-0.9635	
St1500aJ1	#1	2.0	527.0	142.5	514.9	511.5	-0.3456	
St1500aJ1	#1	2.0	527.0	142.1	514.9	505.8	-1.626	
St1500aJ1	#1	2.0	527.0	141.1	514.9	504	-0.4445	> Upper LOQ
St11000aJ1	#1	2.0	1054.0	290.3	1030	1034	0.4418	> Upper LOQ
St11000aJ1	#1	3.0	1054.0	290.3	1030	1034	0.4418	> Upper LOQ
St1300aJ2	#1	1.0	30.66	7.603	30.95	27.32	-10.82	< Lower LOQ
St1300aJ2	#1	1.0	30.66	7.603	30.95	27.32	-10.82	< Lower LOQ
St1300aJ2	#2	2.0	511.0	143.5	514.9	517.5	0.4973	
St1500aJ2	#2	2.0	511.0	142.9	514.9	512.7	-0.4905	
St1500aJ2	#2	2.0	511.0	141.5	514.9	504	-1.508	
St1500aJ2	#2	2.0	511.0	140.6	514.9	500.4	-1.424	
St1500aJ2	#2	2.0	511.0	140.1	514.9	507.6	-0.749	
St1500aJ2	#2	2.0	511.0	138.2	514.9	500.8	-0.749	

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Report version 1.0
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Results

Build PDF Report: [Click here](#)

Note: It may take several seconds to get the report as it needs to be computed on the server.

Microsoft Excel Sheets (MS Excel 97 and higher): [Click here](#)

Right-click the link and choose "Save Target As..." to save file locally.

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