



## Analyze biological dilution assays based on a binary (quantal) outcome

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### Next PLA 3.0 Webinar & Trainings



\_ Jul 06, Europe - Middle East - Africa - Asia - Oceania  
\_ Jul 07, The Americas - Europe  
\_ Jul 13, Europe - Middle East - Africa - Asia - Oceania



*Further dates in preparation*



*Further dates in preparation*

*Please click to open the booking page*

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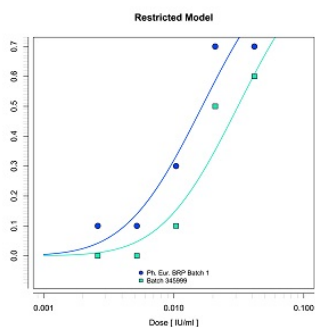
### In this newsletter

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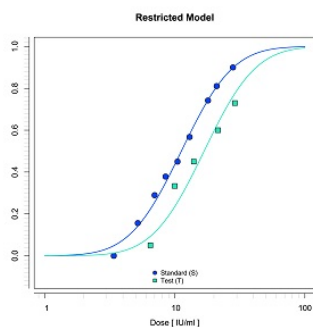
[Analyze biological dilution assays based on a binary \(quantal\) outcome](#)

Dear Max,

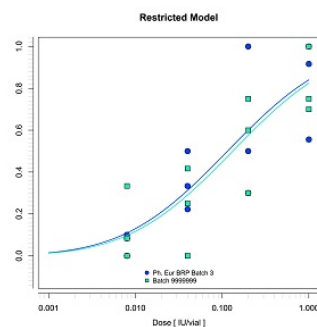
We released the Dichotomous Assay Package. This package provides an update of the dichotomous assay document type. This document type allows you to analyze biological dilution assays based on a binary (quantal) outcome. Fit probit and logit models to the probability distributions of your sample data and compare them to the reference standard. The results include absolute/relative potency estimates, sample recovery estimates, and the half-maximal effective concentration (EC50) of samples. Configure suitability tests on the calculated parameters to prove the validity of the assay. The dashboard and reports are presented in a modern and more informative look. The dichotomous assay document type also supports the full functionality of the attachments editor, introduced with PLA 3.0.6.



Restricted model fit of the probability distribution. Based on the data provided in the European Pharmacopoeia, 5th Edition (2005) Metadaten



Restricted model fit of the probability distribution. Based on the data provided in Finney (1978, p. 376)



Restricted model fit of the probability distribution. Based on the data provided in the European Pharmacopoeia, 5th Edition (2005)

[Read more about possible use cases \(please click\)](#)

Best regards  
Mathias von Gellhorn  
Marketing Manager

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[Download PLA 3.0 trial version - free of charge](#)

#### Current conferences

- CASSS Bioassays: Scientific Approaches & Regulatory Strategies  
July 19-21, 2022 | Gaithersburg, Maryland USA
- BEBPA's 15th Annual EUR Bioassay Conference  
September 27-29, 2022 | Rome, Italy (You don't have a ticket yet? [Book here](#))
- CHI's 13th Annual Immunogenicity Summit  
October 03-06, 2022 | Washington, DC, USA
- Well Characterized Biologics & Biological Assays  
November 01-03, 2022 | Hyattsville, Maryland, USA

If you wish to meet one of our representatives, please contact our Sales Team by [mail](mailto:).

[Webinar & Trainings Calendar](#)



- [\\_ Jul 06, Europe - Middle East - Africa - Asia - Oceania, 1.25h](#)  
*Frankfurt 8 a.m. / Istanbul 10 a.m. / New Delhi 12:30 a.m. / Beijing 2 p.m. / Sydney 4 p.m.*
- [\\_ Jul 07, The Americas - Europe, 1.25h](#)  
*San Francisco 8 a.m. / Boston 11 p.m. / São Paulo 12 p.m. / Frankfurt 5 p.m.*
- [\\_ Jul 13, Europe - Middle East - Africa - Asia - Oceania, 1.25h](#)  
*Frankfurt 8 a.m. / Istanbul 10 a.m. / New Delhi 12:30 a.m. / Beijing 2 p.m. / Sydney 4 p.m.*
- [\\_ Jul 14, The Americas - Europe, 1.25h](#)  
*San Francisco 8 a.m. / Boston 11 p.m. / São Paulo 12 p.m. / Frankfurt 5 p.m.*
- [\\_ Jul 20, Europe - Middle East - Africa - Asia - Oceania, 1.25h](#)  
*Frankfurt 8 a.m. / Istanbul 10 a.m. / New Delhi 12:30 a.m. / Beijing 2 p.m. / Sydney 4 p.m.*
- [\\_ Jul 21, The Americas - Europe, 1.25h](#)  
*San Francisco 8 a.m. / Boston 11 p.m. / São Paulo 12 p.m. / Frankfurt 5 p.m.*



*Further dates in preparation*



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### Corporate Training

Are you interested in a corporate in-house training? Please contact us via [mail](#) or visit our [website](#).

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### Latest Releases

#### **Dichotomous Assay Package 1.0.0 (build 23)**

Released: 2022-07-04

#### **Biological Assay Simulation Package 1.0.0 (technology preview)**

Released: 2022-06-20

## **Microbial Assays for Antibiotics Package 1.0.0 (build 45)**

Released: 2022-02-22

## **PLA 3.0.6 (build 916)**

Released: 2021-11-18

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### [Add-ons for PLA 3.0](#)

PLA is an extensible platform. The user has several options to customize this platform and extend its functionality with add-ons. Go to our [website](#) and find it under 'PLA 3.0'.

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