Validation: dir\_lys\_Beckmann ng/mL vs Roche ng/mL

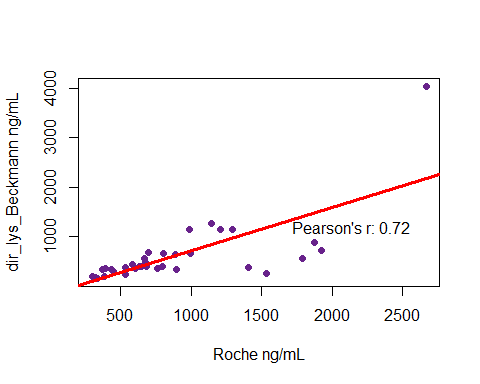
Dienstag 07. März 2023

### Messdaten

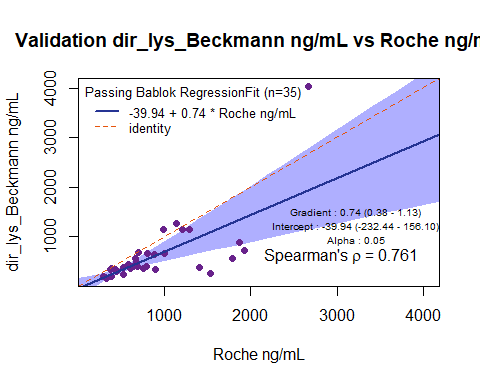
S: sample Number;—x: Roche ng/mL ;—y: dir\_lys\_Beckmann ng/mL

|  | X | Y |
| --- | --- | --- |
| S1 | 999 | 658.36 |
| S2 | 533 | 253.57 |
| S3 | 635 | 411.10 |
| S4 | 685 | 413.09 |
| S5 | 799 | 407.27 |
| S6 | 2669 | 4032.53 |
| S7 | 606 | 367.95 |
| S8 | 321 | 173.79 |
| S9 | 583 | 437.03 |
| S10 | 444 | 320.74 |
| S11 | 895 | 347.22 |
| S12 | 760 | 368.56 |
| S13 | 452 | 294.78 |
| S14 | 298 | 203.24 |
| S15 | 670 | 569.51 |
| S16 | 433 | 337.54 |
| S17 | 333 | 165.17 |
| S18 | 808 | 662.47 |
| S19 | 648 | 406.94 |
| S20 | 988 | 1147.94 |
| S21 | 374 | 343.95 |
| S22 | 888 | 651.30 |
| S23 | 1295 | 1158.40 |
| S24 | 675 | 482.28 |
| S25 | 699 | 681.42 |
| S26 | 1143 | 1264.45 |
| S27 | 385 | 211.29 |
| S28 | 391 | 366.94 |
| S29 | 1211 | 1151.27 |
| S30 | 534 | 385.84 |
| S31 | 1537 | 261.85 |
| S32 | 1928 | 736.78 |
| S33 | 1874 | 894.62 |
| S34 | 1411 | 387.61 |
| S35 | 1794 | 565.15 |

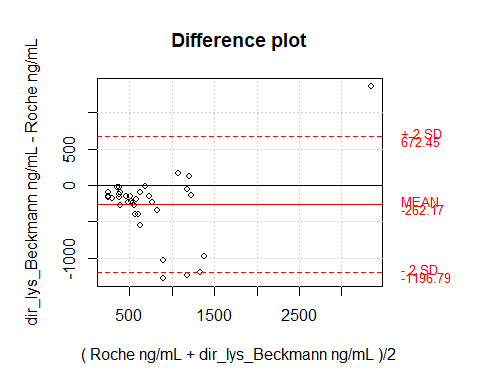
### Korrelation

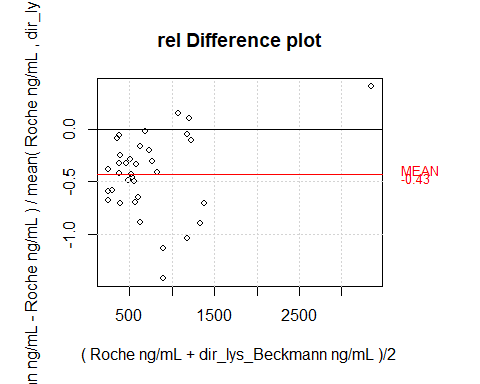


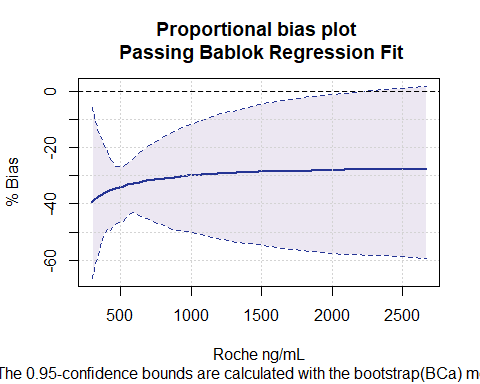
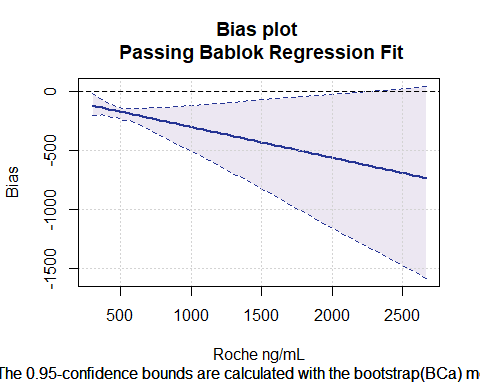
### Passing Bablok



### Bland-Altman







### Schlussfolgerung und Freigabe

Bitte gib hier Deine Beurteilung der vorliegenden Verifikation/Validation ein:  
|  
|  
|  
|  
|  
—

#### Data is processed using R language1 and mcr package2. Rmarkdown3 is used for converting results into Word, PDF and HTML files. This project was inspired by Daniel Holmes (UBC, CA)4 and Burak Bahar (Washington, USA)5.

#### References and packages:

1. R: A language and environment for statistical computing. R Foundation for Statistical Computing, Vienna, Austria. Version: 4.2.2 URL: <https://www.R-project.org>
2. mcr: Method Comparison Regression. Version: 1.3.2 URL: <http://CRAN.R-project.org/package=mcr>
3. rmarkdown: Dynamic Documents for R. Version: 2.20 URL: <http://rmarkdown.rstudio.com>
4. The Lab-R-torian: URL: <https://labrtorian.com/>
5. An interactive website for analytical method comparison and bias estimation: URL: <https://bahar.shinyapps.io/method_compare/>