January 15, 2025

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Test cases and expected results are stored in the excel file “R-V-Cop\_test\_cases\_level\_2\_gesamt\_20240911.xlsx” in the raw-data folder. The compound or study related information are redacted and it will not affect the numerical evaluation or verification.

The data included in the test cases are either real data excluding the compound or chemical information or synthetic data generated to cover a special case. Most of the data are repeatedly used in the verification or validation of different tools for the statistical analyses of (eco)toxicology data.

(Box 1976)

# References

Box, George E. P. 1976. “Science and Statistics.” *Journal of the American Statistical Association* 71 (356): 791–99. <https://doi.org/10.1080/01621459.1976.10480949>.