

# Replicability – Keep up the talk

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When working with natural scientists, the role of experimental design, data management and statistical analysis is often neglected as the main focus is on animal models experimental conducts and p-value generation. As the general attitude is multiplied within the science community by peers, supervisors and journals, it takes much and constant effort to change the mindset towards an appreciation of good statistical practice.

The focus of this presentation is two-fold: First, I'll present a step forward towards statistical awareness with our "Statistical Lunches" at Bayer that we have been holding for over 6 years by now. Secondly, I'll highlight our presentation on Replicability. This concept has even more layers than choosing the correct statistical analysis. Also for me as a statistician, it is always good to be reminded that my work could improve towards replicability. My hope is that if we don't stop talking about it, that we can slowly change the scientist's awareness and thus improve research.