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## Statistics Can Go Farther

A pre-clinical trial for the treatment of cancer, with data analyzed by a traditional statistical method with random coefficient model, showed the significance of the treatment based on purified bacterial redox protein. A data analysis performed later, based on quantile regression, went beyond. It demonstrated the remarkable specificity of the effectiveness of experimental treatment.

### Special/ Invited session

### Classification

Both methodology and application

### Keywords

Pre-clinical trial, Traditional regression, Quantile regression

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