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ACTIVE SESSION: HANDS-ON PROJECTS FOR TEACHING DoE

Tuesday, June 28, 2022 4:30 PM (1 hour)

Third and final edition - this face-to-face session follows online sessions in 2020 and 2021

Are you interested in case studies and real-world problems for active learning of statistics?

Then come and join us in this one-hour interactive session organised by the SIG Statistics in Practice.

A famous project for students to apply the acquired knowledge of design of experiments is Box's paper helicopter. Although being quite simple and cheap to build, it covers various aspects of DoE. Beyond this, what other possible DoE projects are realistic in a teaching environment? What are your experiences in using them? Can we think of new ones? There are lots of ideas we could explore, involving more complex scenarios like time series dependents with cross overs, functional data analysis, as well as mixture experiments.

We want to share projects, discuss pitfalls and successes and search our mind for new ideas. Come and join us for this session. You may just listen, enjoy and hopefully contribute to the discussion or even share a project idea.

Keywords

DoE, Case Studies, Teaching

Primary authors: COLEMAN, Shirley (ISRU, Newcastle University); KUHNT, Sonja (Dortmund University of Applied Sciences and Arts)

Presenters: COLEMAN, Shirley (ISRU, Newcastle University); KUHNT, Sonja (Dortmund University of Applied Sciences and Arts)

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