The Development of Statistical Analysis in Agriculture Experimental Design Using R

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Abstract : The purpose of this study was to develop of statistical analysis by using R programming via internet applied for agriculture experimental design. Data were collected from 65 items in completely randomized design, randomized block design, Latin square design, split plot design, factorial design and nested design. The quantitative approach was used to investigate the quality of learning media on statistical analysis by using R programming via Internet by six experts and the opinions of 100 students who interested in experimental design and applied statistics. It was revealed that the experts' opinions were good in all contents except a usage of web board and the students' opinions were good in overall and all items.

Keywords : experimental design, r programming, applied statistics, statistical analysis
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