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A note on universally optimal row-column designs with empty nodes. (English)

Zbl 0901.62094

Stat. Probab. Lett. 33, No. 2, 145-149 (1997).

Summary: Identification of universally optimal row-column designs is investigated. This paper shows that *J. Kunert's* [J. Stat. Plann. Inference 37, No. 2, 265-270 (1993; Zbl 0786.62075); W. G. Müller (ed.), Model oriented data analysis. Proc. 3rd int workshop. MODA3, 1992, 105-112 (1993; Zbl 0878.62055)] examples of universally optimal generalized non-binary designs are not special cases. One can construct a universally optimal generalized non-binary design by use of a binary one.

MSC:

62K05 Optimal statistical designs
62K10 Statistical block designs

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Keywords:

balanced block design; balanced incomplete block design; generalized binary design; row-column design; universally optimal design

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