Evaluating partial replicated designs: A simulation study

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Abstract: *We evaluated the influence of the assumption about treatment effects, fixed or random, for resolved and non-resolved partial replicated designs, in the genetic selection. The results show that the genetic gain is robust to different conditions evaluated when p-rep designs are used for a given experiment size.*

Keywords: Row-column designs; Spatial optimized designs; Average variance of pairwise treatment effects differences; Resolved designs; Genetic gain.

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