

STRICTLY ASSOCIATED MODELS, PRIME BASIS FACTORIALS: AN APPLICATION

FRANCISCO CARVALHO

Department of Mathematics and Physics
Quinta do Contador – Estrada da Serra, 2300–313 Tomar, Portugal
e-mail: fpcarvalho@ipt.pt

Abstract

Mixed models will be considered using the Commutative Jordan Algebra of Symmetric matrices approach. Prime basis factorial models will now be considered in the framework provided by Commutative Jordan Algebra of Symmetric matrices. This will enable to obtain fractional replicates when the number of levels is neither a prime or a power of a prime. We present an application to the effect of lidocaine, at an enzymatic level, on the heart muscle of beagle dogs

Keywords: COBS, strictly associated models, prime basis factorials, inference.

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