

Interaction in mixed models

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Abstract

In this work we use binary operations on commutative Jordan algebras, CJA, to study interactions between factors that nest. From two CJA we can, through these binary operations, build CJA which constitute Boolean Algebras. So when we nest the treatments from one model in each treatment of another model, we can study which sets of factors from the nested model for which we consider interactions with the factors from the previous model.

Keywords

Binary operations, Boolean algebras, Commutative Jordan algebras, Interaction, Linear models.

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