

## STATISTICAL MODELS DEFINED BY SUFFICIENCY

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*Abstract:* We construct statistical models by the assumption that certain statistics or  $\sigma$ -algebras are sufficient for the model. This point of view has been developed especially by Lauritzen and has led in connection with the notion of partial sufficiency to very interesting characterization results of de Finetti type. In this paper we investigate some consequences for the estimation and test theory of models of this type.

**2000 AMS Mathematics Subject Classification:** Primary: -; Secondary: -;

**Key words and phrases:** -

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